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Proceedings of the Chief Conservator of Forests

Proceedings No. 452, Press, 14th October 1933

Administration Report—Forest Department—1932-33.

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Chief Conservator of Forests.

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I.—INTRODUCTION.

Mr. R. D. Richmond, C.I.E., retired with effect from 18th November 1932, from which date the writer of this report has held charge.

The year 1932-33 was one in which every possible economy had to be practised in view of the general economic depression. Seldom has so little money been made available for development, and consequently very little money was spent on new works, what little was available being devoted for the most part to preventing permanent deterioration to existing roads and buildings.

2. The timber market having been extremely dull for some time past, the felling of fresh stocks was restricted, and efforts were concentrated on disposing of the old stocks already in the depots. Much of this old stock was of poor quality, and in view of the fact that our working plans give us a sustained yield year after year, by carrying out fellings which are calculated to result in the progressive improvement of the forests, it was thought advisable to adopt the policy followed by all shop-keepers and to let the first consideration be the clearing of the old stocks in order to make room for new and better timber. In practice, as opposed to theory, this does not appear to result to any great extent in the man next door holding up the stocks which we previously held, with a consequent stagnation of trade and already the biggest purchaser of our old timber is demanding to be supplied with the better quality, squared logs which alone will be brought to our larger sale depots in future.

3. During the year effect was given to a fundamental change in the organization of the ministerial staff of the department which was referred to in last year's report. Since the formation of the Forest department, it had been the practice for the clerks of the District Forest offices to be borne on the Collector's cadre. The advantages and disadvantages of the interchange of clerks between the various Revenue and Forest offices has been the subject of much discussion in the past. Government have now decided that the Forest department should have its own cadre of clerks and the organization of this new arrangement was one of the outstanding administrative features of the year.

4. Progress has been maintained in the preparation of Working Plans and in the acquiring of silvicultural knowledge by Research. A gratifying feature is the great advance made in recent years in our knowledge as to how to increase regeneration in the dry fuel forests, which constitutes such a large proportion of the forests of the Presidency. A more detailed reference to this will be found under silviculture in Chapter III.

II.—GENERAL ADMINISTRATION.

(i) ALTERATION IN AREA.

5. There were 18,955 square miles of reserved forests in the Presidency when the year began. Further reservation increased this to a total of 18,993 square miles by the end of the year, the additions being chiefly in the two Godavaris and in South Mangalore. These total figures, it is important to note, include 3,343 square miles of ryots' forests which are under the Board of Revenue's control.

6. The area of reserved lands at the beginning of the year was 453 square miles. There was a net increase of 112 square miles during the year due to the preliminary notification of certain blocks under section 4 of the Forest Act in the Ganjam, Upper Godavari and Lower Godavari divisions, and to the notification under section 26 of the Forest Act, by Collectors, of grazing areas in Bellary, Anantapur, Cuddapah and Kurnool divisions for management by panchayats. The area at the end of the year was 565 square miles.

(ii) FOREST SETTLEMENT.

7. The area under settlement at the commencement of the year was 177 square miles, to which 87 square miles were added during the year. An area of 77 square miles was finally settled (including 8 square miles notified after the close of the year) leaving a balance of 187 square miles still to be settled. Settlement operations were in progress mainly in Upper and Lower Godavari, Central and South Salem, and South Mangalore.

8. The selection and demarcation of blocks for reservation in the southern zone of the Rampa Agency has been completed, and the proposal to select areas in the northern and more remote zone is under correspondence with the Agent. In Vizagapatam the preliminary demarcation of five blocks selected for reservation has been completed.

(iii) DEMARCATION.

9. Reserve boundaries were newly demarcated over a total length of 70 miles at a cost of Rs. 3,019. Out of a total length of 23,005 miles of artificial boundaries, 19,941 miles were kept in repair, of which 16,645 miles were maintained by subordinates free of cost or as part of fire protection operations, and the remaining 3,296 miles by paid labour at a cost of Rs. 7,596.

10. In Ganjam the preliminary demarcation of a block of 10 square miles selected for reservation under section 26 of the Forest Act has been completed.

In Ganjam twenty-five miles of frontier boundary was verified by the Extra Assistant Conservator. In Upper Godavari 42 miles were verified by the District Forest Officer. The existing narrow line was cleared and widened and cairns built over a length of 26 miles. In Tinnevely, estate boundaries adjoining reserves were cleared over a length of three miles. In North Mangalore 43 miles of frontier boundary were cleared and in Wynaad 78 miles—39 miles by the Madras survey party and 39 miles by the forest staff. In South Mangalore 33 miles of frontier boundary were inspected—24 miles by the District Forest Officer jointly with an officer of the Mysore Darbar and the remaining nine miles by Range Officers.

(iv) SURVEY.

11. No areas were surveyed by the Survey of India during the year.

12. The Madras survey party have sent resurvey sketches of villages adjoining reserved forests in Lower Godavari and these are under verification by the District Forest Officer. It has completed the resurvey of the Tiruppattur, Attur, Salem and Rasipur taluks and has taken up the Harur taluk, and also completed the survey of areas assigned to planters on the Anamalais and of the disreserved blocks in Kollegal. The survey of the Kannothe range in Wynaad is in progress.

13. The survey of six square miles of sandal-bearing unreserves intended for reservation in North Salem has been carried out by an Extra Assistant Conservator.

14. The forest reference maps were kept up to date.

(v) ROADS AND COMMUNICATIONS.

15. No new works of cost exceeding Rs. 5,000 were executed.

The total expenditure on new works was Rs. 6,139 and on repairs Rs. 90,624 as against Rs. 39,025 and Rs. 1,14,708, respectively, incurred in the previous year.

16. Besides this, Rs. 7,687 were spent on the tram line in the Sriharikota range of the Nellore division (Rs. 7,000 on the purchase of two miles of track and Rs. 687 on repairs).

17. Forty miles of new roads, bridle paths, and inspection paths were constructed and 1,976 miles of existing ones were repaired, as against 40 miles and 2,075 miles, respectively, in the previous year. Owing to financial stringency the expenditure on new works and repairs was limited to cases of absolute necessity.

18. Forest roads have been kept in as good repair as funds have allowed.

(vi) BUILDINGS.

19. No new work of importance costing more than Rs. 5,000 was undertaken.

The total expenditure incurred on new works was Rs. 10,852 and on repairs Rs. 55,331 as against Rs. 20,375 and Rs. 58,586 in the previous year. The decrease was due to the curtailment of expenditure on account of financial stringency.

20. Forest buildings have been kept in as good repair as funds permitted.

(vii) OTHER WORKS.

21. The total amount spent on other works, mainly construction and repair of wells, etc., amounted to Rs. 5,914 as against Rs. 5,761 spent in the previous year.

Improvement of water-supply in grazing grounds.

22. A sum of Rs. 824 was spent on the improvement of the water-supply in grazing grounds in the Guntur, Nellore, East and South Kurnool and North and South Cuddapah divisions as against Rs. 1,043 in the previous year. In Guntur and Nellore the people were also permitted to repair existing tanks and wells in grazing grounds. No improvements were made in other divisions owing to financial stringency. A five-year programme for the improvement of the water supply in grazing grounds is under preparation in Kollegal.

(viii) FOREST ENGINEERING.

23. The Forest Engineer completed the construction of the Nedun-gayam road and two bridges—one of two spans and another of four spans—in the Nilambur division at a cost of about Rs. 1,15,000. It will now be possible for timber from the extensive natural forests of the Nilambur division to be carted straight to railhead, and be sent to markets east and west; before the bridge was built, floating to Beypore was alone possible; and that, only during a limited portion of the year. It is satisfactory to note that this considerable engineering project was accomplished departmentally.

24. The Forest Engineer was also engaged on the investigation of a road and slide project to tap the inaccessible Papikonda forests in the Lower Godavari division and has constructed a thousand feet of the slide at a cost of Rs. 604. He also investigated the possibilities of the construction of forest roads in the North and South Coimbatore divisions and of bridges in the Tinnevely division. The scope of his activities is widening and he will be required to take up a systematic survey of means of extraction in important divisions as soon as financial conditions admit of it.

25. He was also in charge of the Chenat Nair assets and the portable saw mills under liquidation.

(ix) LIVESTOCK.

(a) Elephants.

26. The number of the elephants at the beginning of the year was 111 valued at Rs. 2,74,979. During the year one calf was born; nine elephants were sold and nine died or were destroyed. The number at the end of the year was 94 valued at Rs. 2,45,504.

27. Of the elephants that died several were in their prime and their loss was the more serious. The causes of death varied and there was no epidemic disease. There was more than the normal number of cases of mudsores amongst the elephants, notably in the Wynaad. This trouble which only occurs in the wettest time of the year caused temporary disability.

28. The training of elephants to drag by the mouth, as is done by all private elephants in Malabar, was started several years ago. All concerned, including the elephants, are in favour of this method of dragging. Twenty-six of our elephants are now trained to mouth dragging and in future all new captures are to be taught to drag by the mouth as well as in harness.

29. Elephant-capturing operations were suspended during the year on account of the restriction of timber-extraction and the difficulty experienced in disposing of surplus animals.

30. Damage by wild elephants continued in North Coimbatore, South Coimbatore, Madura, Kollegal and Nilambur divisions. In an attempt to mitigate it elephant-pits were dug on the borders of new plantations in Nilambur and but it is doubtful whether this had very much effect.

(b) Cattle.

31. There were thirty animals (buffaloes, bullocks and asses) valued at Rs. 2,268 at the beginning of the year. Two buffaloes were bought, one buffalo died and two buffaloes and two bulls were sold. At the end of the year there were 27 animals valued at Rs. 1,908.

(X) BREACHES OF THE FOREST ACT.

Cases.	Injury to forests by fire.		Unauthorized felling.		Unauthorized grazing.		Other offences.		Total.	
	1931-32.	1932-33.	1931-32.	1932-33.	1931-32.	1932-33.	1931-32.	1932-33.	1931-32.	1932-33.
RESERVES.										
Cases taken to Court	18	19	4,933	5,118	1,449	1,259	228	354	6,823	6,750
Cases compounded	26	39	5,789	6,262	2,361	2,350	865	865	8,857	9,516
Cases undetected	1,023	1,212	300	344	12	1	7	7	1,342	1,564
Total	1,061	1,270	11,022	11,724	3,822	3,610	917	1,226	16,822	17,830
UNRESERVES.										
Cases taken to Court	6	133	1,323	2,300	34	466	85	147	1,448	9,046
Cases compounded	185	106	4,820	6,512	99	739	344	762	5,448	8,119
Cases undetected	24	227	122	247	..	..	12	2	168	476
Total	215	466	6,265	9,059	133	1,205	441	911	7,064	11,641
TOTAL OF RESERVES AND UNRESERVES.										
Cases taken to Court	19	152	6,256	7,418	1,483	1,725	313	501	8,071	9,796
Cases compounded	210	145	10,609	12,774	2,460	3,089	1,026	1,627	14,305	17,635
Cases undetected	1,047	1,439	422	591	12	1	19	9	1,590	2,040
Grand total	1,276	1,736	17,287	20,788	3,955	4,815	1,358	2,137	29,876	29,471

32. There has been an increase in all forms of offences reported except unauthorized grazing in Reserved forests. The increase is particularly noticeable under injury to forests by fire (20 per cent) and under other offences (34 per cent). It is always difficult to assign the correct causes for fluctuations in the number of offences reported. Generally speaking an increase usually implies greater vigilance on the part of the staff.

33. As the result of intensive concentration to this end by the District Forest Officers the grazing revenue has increased from Rs. 5,58,800 to Rs. 5,86,179. This is satisfactory, but there is no reason to suppose that the number of animals that actually grazed was many thousands more than in the previous year and the figures would appear to be a reflection upon the collections of the past year.

34. Of the 7,053 cases from reserved forests disposed of by Magistrates, in 3,838 cases the accused paid the compounding fees in Court and in 155 (or 5 per cent of the cases which actually went to trial) the accused were acquitted. Of offences from unreserves, 3 per cent of the cases actually taken to court resulted in acquittal. A source of trouble has always been those cases in which the accused refuses to pay compounding fee at first but agrees to do so in Court when prosecuted; an enquiry was made to ascertain whether the expenses of prosecution were usually demanded by Magistrates in addition to the compounding fees, and it was reported that generally this was done.

35. A sum of Rs. 1,68,629 was realized as compounding fees as against Rs. 1,66,387 in the previous year. The average compounding fee for each case was Rs. 10-11-7 and for each accused Rs. 5-6-6 as compared with Rs. 13-10-6 and Rs. 6-15-7, respectively, in the previous year.

36. The percentage of convictions in cases taken to court rose from 84 to 95.

37. There has been a general improvement in the proportion of cases investigated by rangers, but it is comparatively low in Nellore, Chittoor, Vellore, East and West, Central Salem, Kollegal and North Coimbatore. The proportion of cases investigated by District Forest Officers is very small in several divisions.

38. During the year 51 sandalwood cases were reported against 39 in the previous year—of these, 16 cases were compounded and 35 cases were prosecuted. District Forest Officers should bear in mind that sandalwood cases should not ordinarily be compounded but prosecuted. It is satisfactory to note that in South Kanara the Collector has taken suitable action against certain Kumakidars for illicit removal of sandalwood from Kumaki lands.

39. Rewards to the extent of Rs. 1,968 were distributed to forest subordinates, police officials, and private individuals who helped in the detection and prosecution of sandalwood cases and other serious offences.

40. In Vontimitta range of North Cuddapah division very extensive illicit grazing of goats and illicit removals of forest produce on a large scale were brought to notice. Forest and police officials who attempted

to prevent the commission of these offences were assaulted and eventually a forester was murdered. The Chief Conservator visited the district in July 1932 and after discussion with the Collector strengthened the protective staff and posted an Extra Assistant Conservator to enforce rigid protection; a rapid improvement took place, but all concerned must realize that continued vigilance will be necessary.

41. During the year Government sanctioned the introduction of Sandalwood Transit Rules into Bellary, Anantapur, Tinnevely and Ramnad districts and approved the revision of the existing rules in Coimbatore, Chittoor and North Arcot districts. The introduction of Sandalwood Transit Rules into Madura and the Nilgiris districts is under consideration.

42. One hundred and twenty-one cases of illicit shooting, hunting and poaching were reported as against 89 in the previous year. This important branch of their duties receives better attention from the staff now than heretofore. Credit is due to those who have detected these cases, but it must be remembered that in the Presidency as a whole the number of cases reported represents only a small fraction of the number of offences committed. More personal enquiry by District Forest Officers into what is going on in their divisions is required and the organization of occasional secret patrols at night is a definite part of their duties. Some rewards have been given for good work in connexion with game preservation, and it is hoped that there will be no hesitation in recommending rewards in future when they are merited.

(xi) PROTECTION FROM FIRE.

43. Special fire protection was attempted over an area of 4,008 square miles. Of this area 181 square miles, or 4.52 per cent, were subsequently burnt, the corresponding figures for the previous year being 4,070 square miles, 341 square miles and 8.38 per cent. The bulk of the damage by fire was as usual in the Waltair circle, the percentage of area burnt being 10 against 17 in the preceding year. The largest single area burnt was 63 square miles in the Nugur range of the Upper Godavari division. The expenditure on special protection during the year was Rs. 26,578 or Rs. 6-10-1 per square mile as against Rs. 32,734 or Rs. 8-0-8 per square mile in the previous year.

44. A certain amount of early burning was carried out in all the divisions of the Bellary circle, in all the divisions of the Coimbatore circle except Tinnevely, and in the Wynad division of the Ootacamund circle. The total area dealt with under this system was 1,082 square miles as against 935 square miles in the previous year, the recorded expenditure being Rs. 3-4-2 per square mile against Rs. 4-6-11 in the previous year. Of the area early burnt, 9 square miles (or .83 per cent) were reburnt a second time.

45. Many officers, including the Chief Conservator, dislike the so-called early burning, but there are certain localities where it has to be carried out either as a definite stimulant to natural regeneration or with a view to diminishing the chances of an holocaust taking place in the hot weather. One of the most interesting features of forest protection in

recent years is to be seen in the Mudumalai forests of the Nilgiri-Wynad where, since early burning was stopped some seven years ago under the prescriptions of a revised working plan, which reverted to the old system of rigid fire-protection, a steady and marked improvement has taken place in the forest.

46. Rewards amounting to Rs. 2,990 as against Rs. 2,545 in the previous year were distributed to the Khonds in Ganjam, to the Koyas and Reddis in Upper Godavari, to villagers in the Peddapur range in Lower Godavari and to the Malayalis in the Javadi Hills of North Arcot for their assistance. In the case of Peddapur, part of the reward was withheld for unsuccessful protection. The Koyas and Reddis of the Polavaram Agency in Lower Godavari have been persistently indifferent and were therefore given no rewards, as too the hillmen of Lower Godavari.

(xii) PROTECTION AGAINST INJURIES FROM NATURAL CAUSES.

47. In the Nilambur division the investigation into teak defoliation which mainly consisted of the mapping of defoliated areas has been discontinued as sufficient data has already been collected. Under the instructions of the Forest Entomologist, Dehra Dun, it is proposed to ascertain the loss of increment in teak due to defoliation by periodical measurements of defoliated trees in sample plots, and also to ascertain whether the incidence of defoliation is greater during periods of active growth than in those of comparative stagnation.

48. In Vizagapatam an insect attacking sal has been identified by the Forest Research Institute, Dehra Dun, and remedial measures suggested by it were adopted to prevent its spread. Remedial measures were undertaken against the spread of caterpillars which began to defoliate *Acrocarpus fraxinifolius* plants introduced in the selection felling areas in the Silent Valley in Palghat. In East Kurnool some sandal seedlings were killed by an insect identified by the Forest Entomologist as *Zeuzera coffea* and remedial measures were undertaken on his advice.

49. The cochineal insect has made rapid progress in destroying prickly-pear and has cleared an area of over 333 square miles. In this connexion the attention of Government is invited to the report submitted to them in June last, in which it was pointed out that the wholesale destruction of prickly-pear, which is now beyond our powers of control, cannot perhaps be considered an unmixed blessing.

50. Lantana is a source of embarrassment in the Salem circle. In North Salem, attempts are being made to destroy it by spraying chemicals, and by planting quick-growing tree species in lines. In Wynad, lantana was cleared from plantations and around buildings. In South Coimbatore, lantana was uprooted partly by paid labour and partly by elephants. In the Nilgiris it was uprooted by elephants on roadsides and in plantations. In Tinnevely, lantana and *Strobilanthes* were cleared by coupe contractors. In the Nilgiris, *Eupatorium* continued to spread on the plateau and the grazing grounds. *Loranthus*

continued to damage large *Acacia melanoxylon* trees on the plateau. Severe frost did considerable damage to the Eucalyptus plants in some reserves.

51. Spike prevails in North and South Salem, Kollegal and North Coimbatore and the Sigur range of the Nilgiris. The investigation into this disease (bio-chemical and entomological) was continued during the year. But the question of continuing it further is under consideration.

52. Bison did much damage to the *Gmelina* plantation in Rambha Reserved Forest in Ganjam and rats to teak seedlings in Lower Godavari. Wild elephants caused harm to sandal, teak and vengai (*Pterocarpus marsupium*) in North Coimbatore, and to teak plantations in South Coimbatore and Madura, to the regeneration in Palghat, and particularly to the young plantations in Amarampalam range of Nilambur division. In Wynaad, bison and sambhur did harm to the young teak and in Nilambur monkeys, pigs and deer damaged the young plantations.

(xiii) FOREST PANCHAYATS.

53. The total area of ryots' forests is 3,343 square miles of which forest panchayats have been formed for 3,278 square miles under the control of the Board of Revenue, Land Revenue and Settlement. The remaining 65 square miles are under the control of the Forest department having been retransferred to it owing to inability to form panchayat for the forests at present. The Board of Revenue publishes an annual report on the working of forest panchayats.

54. The forest village system was in operation in the North Mangalore division, where there were three panchayats, but it must be recorded that they abused their concessions and failed to carry out their obligations.

55. The hill village system (a form of the forest village system devised in the past to suit the Malayalis) was in operation in the East and West Vellore and Central Salem divisions. The Malayalis of East Vellore have done little, if anything, to keep their side of the bargain in the matter of sandalwood protection and the Conservator is taking measures to prevent their negligence in future.

(xiv) FOREST COLLEGE.

56. The strength of the 1930-32 senior division was 19, including two Madras private students admitted at the concessional rate of Rupees 500 for the whole course. Of these, 16 students secured higher standard certificates, and 3 lower standard certificates. Nobody obtained honours. There were no Madras Government students.

57. The students of the 1931-33 course also numbered 19. Of these, one was a private student from Madras admitted at the concessional rate of tuition fees. The others were—5 from Bombay, 5 from Central Provinces, 2 from Hyderabad, 2 from Travancore and 4 from Central India States. There were no Madras Government students. One student, deputed by another Government was found cribbing in

the final examination and was dismissed from the college. One student obtained honours and all the remaining seventeen obtained higher standard certificates.

58. Twenty-nine students were admitted to the 1932-34 course. Of these, twenty-one are Madras Government students recruited from the rank of Foresters and the remaining eight are, one from Coorg, two from Bombay, two from Hyderabad, and one from Bhopal, and two private students of Madras admitted at the reduced tuition fee. Sixteen Probationary Foresters were recruited in November 1932 and joined the college in August last after completing their preliminary practical training under District Forest Officers.

59. The post of an instructor, which had been kept vacant, has been abolished permanently.

60. The net cost of the maintenance of the college was Rs. 41,742 as against Rs. 13,544 in the previous year. The increase in the net cost is mainly due to a decrease in revenue of about Rs. 17,000 owing to the reduction in the number of students paying tuition fees in the 1932-34 course from 19 to 8, and to the increase in expenditure of about Rs. 9,000 on account of the payment of pay and travelling allowance to the 21 Madras Government students, while there was no such expenditure in 1931-32.

61. The training followed the usual lines.

62. One Madras Government student of the 1932-34 course died following an operation after joining the college. Generally the health of the students both at the college and in camp was fairly satisfactory.

(xv) VERNACULAR TRAINING SCHOOLS.

63. No vernacular training schools were held during the year, as a measure of economy.

III.—SYLVICULTURE.

(1) SYSTEMS OF MANAGEMENT.

64. The following statement indicates the areas subjected to various methods of treatment:—

A. Timber Forests.

	SQ. MLS.
Clear felling	3.41
Selection felling	63.96
Improvement felling	6.15

B. Fuel Forests.

Simple coppice	84.63
Coppice with standards	7.24

In addition to the above, sandalwood, almost entirely confined to dead trees, was harvested over areas amounting in the aggregate to 387.23 square miles, whilst the total area in which bamboo working took place during the year was 1,340.42 square miles.

(2) GENERAL PROGRESS OF REGENERATION AND AFFORESTATION.

A. Mainly Natural.

(i) Concentrated.

65. The progress of regeneration under this head was normal. The system of managing the sal forests in Ganjam relies upon natural regeneration and the same applies to all the coppice fellings in the fuel forests.

(ii) Not concentrated.

66. Under this head there is nothing exceptional to record.

B. Mainly Artificial.

67. In the case of the timber forests the area regenerated was somewhat less than normal owing to the fact that timber felling was restricted on account of the poor demand for timber during the last year or two. Special care was taken, however, to see that some concentrated regeneration work was done in each division where it is practised, since experience shows that it is most necessary to avoid the risk of the staff and labour losing the art of obtaining a full stocking with certainty in the first year, which they do very quickly, if they cease to practise it.

68. The raising of fully stocked teak plantations in our main timber divisions after clear felling and burning has become a routine operation and efforts are now concentrated upon studying how best to obtain those extra few inches of height growth during the earliest days of a plantation's life which make such a difference later on. Research has shown that the planting of teak stumps several weeks before the burst of the monsoon gives the best results and a further indication is that it is doubtful whether the expense of digging pits in order that the stumps may be planted in loose soil is necessary since excellent results are obtained by simply making a hole for the stump with a crow-bar.

69. Most promising results have been obtained during the last few years from the method adopted for regenerating gaps in deciduous timber forests after selection fellings. Where a gap of sufficient size to allow the entrance of direct sunlight is formed by the felling of a big tree top ends and brushwood are burnt in the middle of the gap and a few teak stumps are planted. Owing to the sterilizing effect of the burn, weed growth is not excessive for the first year or even longer, and the theory is that one forest guard has the special duty of seeing that two or three plants in the middle of each gap develop into saplings. When this has occurred no further silvicultural attention of any kind is contemplated, and the fairly safe assumption is that by the expenditure of a sum of money, which is a very small fraction of the amount

derived from selling the mature trees felled, which Nature has given us, our successors will find that there is rather more teak in the forest when they come round to work it, than there was when we did the original selection fellings. To ride on an elephant round some of the selection coupes in Wynaad division, which have been treated on this system during the last three years, is as interesting and encouraging a proceeding as any silviculturist could desire. The idea is, of course, not a new one, and there are places in Wynaad, where one may come across the results of similar work on a small scale, having been done by our predecessors a good many years ago. Now the system has been made a definite prescription of modern working plans.

70. A similar system, but without the burning, to that described in the last paragraph, is also in vogue in our evergreen forests, where light selection fellings, largely of *Mesua ferrea* for sleepers, are carried out. We still have to find the perfect species for stocking gaps in these evergreen forests. We are no longer so hopeful of the ultimate success of *Acrocarpus fraxinifolius* as we once were; we are now trying Mahogany amongst other things. Experience shows, however, that there is sufficient natural regeneration in and around the comparatively small gaps caused by the selection fellings to set our minds at rest, and there is no fear whatever of the essential character of these protection forests being changed by removing two or three mature trees per acre.

71. The artificial regeneration of several timber species other than teak on soils unsuited to the latter no longer presents the difficulty that it once did. We now have very little difficulty in raising *Terminalia tomentosa* from seed in the more swampy parts of our clearings. Rosewood grows well from stumps, as also from seed, and *Iagerstræmia lanceolata*, Mahogany and *Pterocarpus marsupium*, to say nothing of *Anacardium occidentale*, the cashew or Promotion nut of our dinner tables, which promises to produce a quickly grown fuel as well as a valuable crop of nuts have all been raised in recent years, notably in Nilambur division. *Albizia odoratissima* has been raised successfully from seed along with field crops in the Bolampatti forests of Palghat division, and on suitable laterite soils *Xylia xylocarpa* can be grown from seed, though the natural regeneration of this species is so profuse on suitable soils that there is no need to supplement it artificially. Much knowledge has been gained about the artificial regeneration of sandalwood and great success has been achieved, notably near Teppakadu in the Nilgiris-Wynaad by sowing sandal along with dhall (*Gajanus indicus*), which acts as a nurse and temporary host, along with field crops of ragi. Having said so much, it is now necessary to point out that it would be unwise to be too optimistic about the ultimate fate of the recent sandalwood plantations round Teppakadu. The Chief Conservator is possibly one of the few officers that have seen the admirable results of the last three years who thinks it very possible, not to say probable, that the trees will start to go back and tend to become stag-headed before they have produced any appreciable amount of heartwood. The Mysore forests to the north and the forests round Masinigudi to the east are full of natural sandalwood and it seems a poor compliment to Nature to suppose that she would have been so improvident as not

to put any sandalwood in the small intervening area of greater rainfall and heavier forest, if she had reason to suppose that it would flourish there to maturity.

72. As regards the fuel forests in the drier localities the last two or three years have seen the initiation of an improved method of treatment, which is perhaps the most important development in the forest department of recent years. When a fuel coupe is felled, a large number of the stools send up coppice shoots but quite an appreciable number fail to do so. Natural regeneration from seed is problematical in many of the drier coupes, and it has always been a question as to whether many of the worked coupes were not actually deteriorating and whether the yield in the second and subsequent rotations would not fall off progressively. The method which is now adopted is to collect the brushwood and felling refuse into suitable heaps and to burn it. The resulting ash is worked into the soil and tree seeds are sown. Much yet remains to be learnt, but that progress is being made may be judged by the fact, that in one of the driest divisions one of the District Forest Officers can raise plants with such certainty that he now sows his seed in such a way that one species, which suffers greatly from browsing, comes up surrounded by a belt composed of another species, *Dolichandrone crista*, which animals will not touch.

73. These recent developments in the artificial regeneration of dry fuel forests are already having a most beneficial effect upon the whole morale of the department. In the old days inspections in these dry forests involved chiefly destructive criticism and adverse comments on the state of protection. A subordinate's main object was to divert an inspecting officer's attention from what he had omitted to do. Nowadays, on the other hand, one finds subordinates anxious to show what they have achieved and the fact that in the future it will be possible to stimulate a real silvicultural interest in the raising of crops in dry fuel coupes and not infrequently to mete out praise instead of blame must inevitably be a most excellent thing for all concerned.

C. Afforestation.

74. In the shifting sands of Kudiramoliteri Reserve in Tinnevely the progress of afforestation is reported to be slow. Large quantities of palmyra seed have been sown in recent years. A fair percentage of germination is reported, but the species is one which grows extremely slowly, and it strikes one as a peculiar species to rely upon. Other species have, however, been tried but with little success. No doubt the new working plan, which is nearing completion, will review the whole situation.

75. The planting of casuarina near the seashore in Lower Godavari and Nellore continued successfully.

(3) TENDING OF THE GROWING STOCK IN AREAS NOT UNDER CONCENTRATED REGENERATION.

76. Improvement in the organization for the systematic cutting of climbers in our natural forests is required. Admittedly a good deal of climber cutting is done but the fact remains that inspections especially

in the more remote localities, disclose the fact that over vast areas the leaves of climbers constitute far too large a proportion of the canopy, to the very serious detriment of the timber trees. Brief statements in some circle reports to the effect that climbers were cut free of charge by subordinates do not carry much conviction. District Forest Officers who read this will know whether or not their organization for climber cutting and for check of the work is capable of improvement or not.

77. Owing to shortage of funds the special tending of some sandalwood areas did not receive as much attention as is desirable. It is becoming increasingly apparent that sandalwood trees, like human beings, are much less subject to disease when their conditions of life are healthy. It may easily prove that skilful silviculture will play a large part in our fight against spike disease, and no pains should be spared to see that the tending of sandalwood receives adequate attention.

(4) GENERAL.

78. Within quite recent times the old established ideas of Forest Officers throughout the world have been somewhat shaken by the discovery of what an important part root competition plays in the development of tree crops. For years we have been striving to encourage the undergrowth in teak plantations and to get a mixture of other species amongst our teak and we have taken it for granted that the shade and sometimes drip from the surrounding high forest were the sole reasons why the plants on the edges of a plantation usually show poor growth. Experiments in other parts of the world are now tending to show that there is intensive competition underground amongst the roots of trees and plants and there is no doubt that in Madras, as elsewhere, silvicultural research must pay most serious attention to discovering whether our present policy of aiming at a mixture of species amongst our teak is a wise one.

IV.—WORKING PLANS.

79. At the commencement of the year sanctioned working plans or schemes were in existence for 9,109 sq. miles. During the year working plans were sanctioned for an area of 1,493 sq. miles. Thus the area covered by sanctioned working plans at the close of the year was 10,602 sq. miles.

80. Working plans were either under preparation or awaiting sanction for 2,719 sq. miles leaving an area of 2,894 sq. miles (excluding ryots forests) which are not covered by working plans.

81. The working plans branch have completed the plans for the Palghat forests, the Wynaad Ghat forests and the North Coimbatore forests and the Nallamalai forests of West Kurnool. They were engaged on the preparation of working plans for the Kollegal, Lower Godavari, Tinnevely and Madura divisions and for the South Coimbatore division excluding the Mount Stuart forests (for which a revised working plan was recently sanctioned). Revision of time-expired plans will be taken up as soon as the work on hand is completed. It has to be remembered

that, according to world-wide forestry practice, our working plans are only made to cover a limited period, usually ten years, at present. The experience gained and data collected during each period will result in more intensive and exact management after each revision with corresponding improvement to the forests.

82. The following plans prepared under the supervision of the territorial Conservators were sanctioned during the year:—

(i) Revised working plan for the Hair Comb Wood Working Circle of the Chittoor division;

(ii) Tentative Working Plan for the South Cuddapah division.

83. The following working plans also prepared by the territorial staff were completed but have not yet been sanctioned:—

(i) Revised Working Plan for the Berhampur Range, Ganjam division.

(ii) Working Plan for the Guntur Uplands.

(iii) Working Plan for the Sriharikota Range.

(iv) Revised Working Plan for the Odugathur Range, East Vellore division.

(v) Working Scheme for the extraction of sleepers from unreserves in South Mangalore.

84. Working Plans for the following areas are under preparation:—

(i) Consolidated Working Plan for the Vizagapatam division.

(ii) Working Plan for the Repalle Range of the Guntur division.

(iii) Working Plan Scheme for the extraction of sleepers from unreserves in North Mangalore.

85. Control records are, as usual, scrutinized by both the territorial and the Working Plan Conservators. The latter submits periodical reviews to the Chief Conservator of Forests.

V.—UTILIZATION.

(i) SUPPLY OF PRODUCE.

(a) Timber.

86. The total output of timber was 59,600 tons or about 7 per cent less than that of the previous year. The details are—

(1)	By Government.		By purchasers.	
	1932-33.	1931-32.	1932-33.	1931-32.
	(2) TONS.	(3) TONS.	(4) TONS.	(5) TONS.
Reserved forests, leased forests and reserved lands	17,920	20,740	20,260	17,900
Unreserves	5,360	2,500	11,980	18,240
Total	23,280	23,240	32,240	36,140

	By free grantees.		By right holders.		Total.	
	1932-33.	1931-32.	1932-33.	1931-32.	1932-33.	1931-32.
	(6) TONS.	(7) TONS.	(8) TONS.	(9) TONS.	(10) TONS.	(11) TONS.
Reserved forests, leased forests and reserved lands	860	560	600	800	39,640	40,000
Unreserves	2,340	2,680	280	320	19,960	23,740
Total	3,200	3,240	880	1,120	59,600	63,740

87. There was a total decrease of 2,820 tons under removals from reserved forests by Government agency. This was mainly due to less extraction of sandalwood and breakpoles in North Coimbatore division, to restriction of fellings in South Coimbatore and in Nilambur for want of demand. But there was an increase of 2,860 tons under removals from unreserves mainly due to larger extraction of sleepers from the unreserves of North and South Mangalore. There was an increase of 2,360 tons under removals from reserves by purchasers. The increase was spread over South Mangalore, Palghat, the Nilgiris and South Coimbatore where a larger quantity was extracted from the Ulandy valley forests by a contractor.

88. The quantity of timber departmentally collected and remaining undisposed of at the end of the year was 2,284,000 cubic feet as against 1,247,000 cubic feet in the previous year. The increased stock on hand was due to the slump in the market.

89. A statement showing the specieswise details of timber (in thousands of cubic feet of log) removed from reserved forests by departmental agency is enclosed as a new appendix to Form No. 35.

(b) Fuel.

90. Two hundred and thirty-three thousand five hundred and seventy-five tons of fuel were extracted from reserved and leased forests of which 12,375 tons were removed by departmental agency and 219,212 tons by purchasers as against 219,562, 12,700 and 205,412 tons respectively, in the previous year. There was a net decrease of 325 tons under removal by Government agency, while there was an increase of 14,338 tons (13,800 plus 538) under removals by purchasers and free grantees. The decrease under removal by Government agency was mainly because in the previous year there was an adventitious increase in Bellary Circle in the quantity of fuel left unremoved by the contractors and confiscated to Government. The increase of 13,800 tons under removals by purchasers was due to the sale of a larger number of coupes under the Revised Working Plans in North and South Coimbatore divisions, to the increased yield per acre in North Mangalore and Palghat divisions, to the sale of top ends and branchwood of trees blown down by a cyclone in the plantations in the Nilambur division and to the formation of larger coupes in South Mangalore.

91. The outturn from unreserves was 17,150 tons as against 15,950 tons in the previous year.

(c) Bamboos.

92. The value of bamboos removed by all agencies was Rs. 3.83 lakhs as against 3.44 lakhs in the previous year. Bamboo coupes were generally leased out to contractors except in Upper and Lower Godavari, where the produce was sold by the issue of permits. The increase in revenue was mainly due to larger removals on permits in Rampa, to competition among bidders in South Kurnool and to better grouping of coupes in Kollegal and North Coimbatore under the new revised Working Plans resulting in larger yield.

93. Investigations made during the year have established the suitability of Mettur for the installations of a paper mill capable of producing 8,000 tons of paper annually, from the bamboos available within economic reach in the reserved forests. Detailed information has been incorporated in a special pamphlet on the Industrial Potentialities of Mettur, published by the Department of Industries. A project for the establishment of a paper mill would be a sound and promising one, worthy of private enterprise.

(d) Sandalwood.

94. Six hundred and forty-eight tons of sandalwood were sold for Rs. 5,94,649 as against 672 tons for Rs. 6,12,802 in the previous year. The average price realized was Rs. 918 per ton as against Rs. 912 in the previous year. The result of sale proved to be much more favourable than the depressed state of the trade promised at first, and this was entirely due to the sagacity and tact displayed by the Conservator, Coimbatore Circle, Rao Bahadur K. R. Venkataramana Ayyar in his negotiations with the sandalwood merchants. The market for this article of luxury is uncertain, as it is considerably affected by demand from foreign countries, and the competition of sandalwood substitutes in those countries and in India. Attempts made to establish direct contact with consumers in Europe have not materialized. A proposal was submitted to Government for levying a higher protective duty on imported sandalwood substitutes, which compete with the indigenous genuine wood. The proposal was supported by Government, but the Government of India declined to approve of it in the interests of export trade, and they are considering simple means of enabling the public to distinguish between the genuine wood and its substitutes.

95. In spite of continued efforts made to popularize the retail sale of sandalwood in small quantities sales have been poor.

96. As the value of sandalwood particularly in the foreign markets is largely proportionate on its oil-contents, samples of various parts of the tree extracted from the various localities were sent both to the Forest Research Institute, Dehra Dun, and to the Indian Institute of Science, Bangalore, for analysis. The former has sent the results while the latter has furnished the results in respect of some of the samples and is engaged still on the others.

(e) Grazing.

97. 12.59 per cent of the forests managed by the department were closed to grazing, 11.24 per cent throughout the year and

1.35 per cent during part of the year. Grazing permits were issued for 1,452,292 animals as against 1,409,175 in the previous year. The increase was due to greater efforts made by District Forest Officers to prevent illicit grazing. The revenue realized was Rs. 5,86,179 as against Rs. 5,58,800 in 1931-32. One hundred and twenty-seven thousand seven hundred and twenty-three animals grazed free of charge as against 92,515 in the preceding year. There was a marked increase of 35,208 animals according to reports received but whether the stimulus which resulted in increased collection of grazing fees also resulted in a more careful computation of the number of animals which were allowed to graze without payment or whether the apparent increase is a real one is not recorded. The revenue foregone by allowing free grazing and grazing at concessional rates was Rs. 54,776 against Rs. 46,014 in the previous year.

98. In the panchayat forests permits were issued for 781,508 animals as against 895,450 in the previous year. One thousand seven hundred and twenty-two animals were allowed free grazing as against 1,892 in the preceding year.

99. As a measure of retrenchment the posts of permit issuing officers were abolished and the work of selling grazing permits was entrusted to foresters, but proposals for the revival of these posts are under the consideration of Government.

100. The average incidence of grazing in the reserved forests under the control of the department is 5.7 acres per animal as compared with 5.9 in the previous year, the incidence being as low as 3.52 in Central Salem, 3.66 in Parlakimedi Maliahs, 3.87 in Guntur, 3.99 in Lower Godavari, 4.25 in Vellore East, 4.39 in Upper Godavari, 4.40 in South Salem and 5.1 in the Nilgiris. These figures are of very little significance the fact being that in a great many places the very forests which it is most desirable to protect, as being the source of the fuel and small timber requirements of the people, are very heavily overgrazed, whereas unworked forests of the interior are often so remote as to attract no grazing at all.

101. Under the previous orders of Government a single permit used to be valid for a range. But during the year under review they ordered that a single permit valid for a whole range on payment of the grazing fee fixed for that range, should be good for the whole division on payment of the highest fee prevailing in that division.

102. Under instructions from Government a report on the question of revising the grazing and penning fees was submitted to Government who have ordered that the question should be deferred for the present in view of the existing agricultural depression.

103. A detailed report on the working of the kancha system in Nellore was submitted to Government with a recommendation for its retention with certain modifications. Government have approved these proposals.

104. A portion of the Guttikonda Reserved Forest in Guntur district was handed over to the Agricultural department to provide concentrated

grazing for breeding cattle. The issue of grazing and penning permits was retained in the hands of the Forest department, and is reported to have worked satisfactorily.

105. In order to introduce better strains of grass in grazing areas, experiments were conducted with two superior species, viz., kikiyu and kolukkattai, in Guntur, Anantapur, South Kurnool, Central Salem, North Coimbatore, Kollegal, Madura, Tinnevely and the Nilgiri divisions with varying degrees of success according to the extent of timely rain in the areas concerned. The kikiyu grass did not come up well in Guntur, Central Salem but it grows well in the Nilgiris.

(f) *Minor Forest Produce.*

106. The revenue derived from minor produce amounted to Rs. 5,67,473 as against Rs. 6,02,529 in the previous year. The decrease in revenue was mainly due to the low rates realized for tangedu (*Cassia auriculata*) bark in the Anantapur division. The fall in price of this product, as well as of other indigenous tans, is partly due to the economic depression but even more to the increasing importations of wattle bark for tanning from South Africa.

107. The right to collect minor produce is generally leased to contractors except in the Sriharikota Range of the Nellore division and in the Nilgiris, where the produce is collected departmentally.

108. As the market for lac was exceptionally dull, its cultivation was stopped in Palghat, Central Salem and North Coimbatore. It is however continued on a limited scale in North Salem and Madura in order to preserve and develop the existing broods. Experiments are in progress on the economic manufacture of shellac sealing wax and polish.

109. *Nux vomica*.—Experiments with seeds collected from both the east and west coasts of the Presidency were conducted by the Forest Research Institute in 1931 and showed that the Strychnine contents do not deteriorate under varying storage conditions.

The demand for nux vomica seeds has dwindled temporarily and the price has dropped.

(g) *Removal of Forest Produce by free grantees and right holders.*

110. The total estimated value of forest produce removed by free grantees and right holders amounted to Rs. 83,906 against Rs. 88,960 in the previous year. These figures do not take into account the considerable, although unassessable, value of forest produce removed in consequence of the special concessions allowed in the South Kanara district. Most of the free grants were made for the reconstruction of houses destroyed by fire. The principle that free grants should be made as far as possible from unreserves, and from reserves only when there are no unreserves close by, has generally been followed in sanctioning free grants.

(h) *General.*

111. Generally the Forest department supplied adequately the domestic and agricultural requirements of the people. Free removal of grass in headloads was allowed in most of the divisions. Free grants

of building materials were made to enable the recipients to rebuild their houses destroyed by fire. The requirements of the people in fuel, bamboos and small timber were fairly well catered for by the coupe contractors, who were required to supply them at the edge of coupes at rates not exceeding the reasonable maximum rates fixed by the District Forest Officers for each division, and this arrangement was notified to the people. Agricultural implement coupes were opened in Kollegal and North Coimbatore, but the people did not take advantage of the arrangement, and in South Coimbatore, where they were worked on the controlled permit system.

112. Cartmaking materials—Kolmarams and chattams—were supplied in Palghat and spokes and felloes in South Kurnool and South Coimbatore. Brake poles were supplied at roadside on ghat roads in North and South Coimbatore and Madura for the facility of carts passing through the forests.

113. The removal of manure leaf has been allowed in divisions which were unable to do without it. The demand still continues to be heavy in some divisions, and in these the forests have been damaged very seriously. It has been the recognized policy of Government gradually to wean the ryots from the habit of depending on the forests for this supply and to encourage them to grow their requirements on their own lands or to use other kinds of manure. One way of making the ryots grow their own requirements is by prohibiting removals from the forest. The ryots of Madura, who previously depended largely on the forests for their manure leaf supply, have learned to grow it themselves as a result of prohibition.

114. A detailed report on the subject of manure leaf removal from departmental forests, reviewing the present position and indicating the future policy was recently submitted to Government, and their orders are awaited.

(ii) *COMMERCIAL UNDERTAKINGS.*

115. The commercial accounting maintained for certain forest divisions and parts of divisions was discontinued from 1st April 1932.

116. All the five saw mills—the four portable ones at Parappa, Chedleth, Beypore and Top Slip and the mill at Olavakkot—were sold and the sale amounts completely realized. The mill buildings, too, were disposed of. There remained at the close of the year, a stock of saw mill and tractor spares, tools, etc., at the Central Stores, Olavakkot and the disposal of these is in process.

Forest Utilization Division.

117. The Forest Utilization Officer continued to organize and conduct sales of logs, sawn scantlings and sleepers.

118. The turnover of the division, for the year, was Rs. 9,59,524, against Rs. 7,94,020 in the previous year. It is gratifying to note this increase in spite of the continuance of the slump in prices.

119. The liquidation of the old stock of mill sawn scantlings cut before the mills were closed three years ago was continued. Eight thousand one hundred and thirty cubic feet were sold leaving at the end of the year a balance of 2,332 cubic feet. The scantlings were all deteriorated junglewoods—the residue left after the selection of all popular sizes. They naturally fetched low rates. Efforts are being made to dispose of the small balance still unsold.

120. *Overseas trade*.—No consignment was made during the year. The balance of 2,104 cubic feet of laurel logs (*Terminalia tomentosa*), consigned in previous years but left unsold with Messrs. Peirce Leslie and Company, London, was disposed of at the best rate procurable.

The new policy of sending logs only against definite orders was continued. The demand for good quality laurel logs in the overseas market showed definite improvement over the previous year and through the efforts of the Timber Adviser to the High Commissioner for India. Two thousand eight hundred and seventy-four cubic feet of laurel logs were sold to a London firm. Further orders are materializing.

121. *Logs*.—Sales of logs from the four principal sale depots of the department—at Pollachi, Beypore, Mysore and Nanjangud—aggregated 515,349 cubic feet against 296,620 cubic feet in the previous year. The striking increase in the quantity sold was due to the sale of the entire accumulated stock of teak logs in the Mysore and Nanjangud depots on long-term contracts to private merchants. An all round average rate of Rs. 1-2-3 per cubic foot was realized against Rs. 1-4-5 for the previous year.

122. *Sleepers*.—The Forest Utilization Officer continued to pass sleepers for the railways. Thirty-nine thousand two hundred and thirty-six broad gauge and 27,026 metre gauge sleepers of hardwood species—*Mesua ferra*, *Hopea parviflora* and *Xylia xylocarpa*—were supplied to the railways. The sleepers delivered up to the end of December 1932 were paid for, at the previous years' rates of Rs. 7-12-0 per broad gauge, and Rs. 3-2-0 per metre gauge while for the subsequent supply the rates were Rs. 5-2-6 and Rs. 2-5-0, respectively. The drastic reduction in rates was chiefly due to the low rates which private contractors had tendered for their supply; the general slump in the timber trade has lowered sleeper prices throughout India. The low rates paid by the railways have resulted in the department's profits being greatly reduced and what used to be a paying business in the past is much less so now, with the result that certain important centres of production ceased to be remunerative and working in them had to be stopped.

123. The Forest Utilization Officer succeeded in securing from the South Indian Railway a contract for supplying, through the agency of a contractor, special sized teak-sleepers for the two years commencing from 1st April 1933. Fifty-one tons of Nilambur teak were supplied to the South Indian Railway and seventy-five tons of Wynaad teak to the Madras and Southern Mahratta Railway. Three thousand five hundred and sixty-four cubic feet of *Grewia tiliaefolia* were supplied to the Gun Carriage Factory at Jubbalpore.

124. The market for spokes and felloes continued to be dull and with great difficulty 143 sets were disposed of.

The markets in Rajahmundry and in several southern districts were investigated.

125. Specimens of suitable softwoods were supplied to a Pencil Factory for trial.

126. As in the previous year, the Forest Utilization Officer arranged for the supply of suitable specimens of timbers for test at the Forest Research Institute, Dehra Dun. He also made a joint inspection with the representatives of railways, of the untreated sleepers of *Pœcilonuron indicum* laid in the line experimentally.

127. In the Kurnool South division, 14,770 cubic feet of softwood species were extracted departmentally and sold at a profit to slate-frame makers of Markapur. In Chittoor, timber was supplied to the local hair-comb industry.

VI.—FINANCE.

128. The total revenue realized during the year amounted to 47.38 lakhs, the expenditure being 37.89 lakhs as against 42.55 lakhs (including the results of Government Commercial undertakings) and 39.87 lakhs respectively in the previous year. The year under review thus showed an increase of revenue by 4.83 lakhs and a decrease of expenditure by 1.98 lakhs.

129. Taking the year under review alone into consideration the surplus of receipts over expenditure was 9.49 lakhs.

130. There was an increase of revenue from sandalwood by 0.74 lakh, a balance of the revenue relating to the previous year and also part of the current year's revenue being realized. The revenue from timber removed by Government Agency increased by 6.97 lakhs mainly due to the realization of the outstandings of the previous year relating to the sale of scantlings and to the adjustment of the value of sleepers supplied to the railways in 1931-32. Revenue from produce removed by consumers and purchasers, except under firewood and charcoal, increased by 1.35 lakhs mainly due to a greater quantity of timber being sold to a contractor in the Ulandy valley forests in the South Coimbatore division. As regards firewood and charcoal removed by purchasers, there was a fall in revenue amounting to 0.90 lakh generally due to fall in prices and non-sale of fuel coupes and to the change of period of lease from the calendar year to the official year in Tinnevely.

131. As mentioned the total expenditure decreased by 1.98 lakhs when compared with the previous year. The decrease was mainly due to (1) the emergency cut in salaries having been in force throughout the year in 1932-33 as against only three months in the previous year, (2) the restricted expenditure on capital works as a measure of economy, (3) the treatment of the sale-proceeds of the saw mills at Chedleth and Parappa as abatement of expenditure under "52. A. Stores" and (4) the credit afforded under "52.A.g. Investment in Government

Commercial undertakings—on account of the balance of capital expenditure on Forest Commercial undertakings on 1st April 1932 being written back to revenue.

132. The following trading account exhibits the financial position of the department for the year and shows a net profit of 4.71 lakhs. Interest charges are not actually incurred and the figure of outstanding revenue for the year under report is not strictly correct as, although sales had been effected, a considerable part of the sale amount for sandal did not fall due until after the close of the year. The financial position is thus better than that disclosed by the account. No credit is taken for free grants or grants at concessional rates for grazing and other produce; the amount so foregone amounted to Rs. 1,38,682.

I. Trading Account.

LAKHS.		LAKHS.	
RS.		RS.	
Value of timber, etc., in depots on 31st March 1932.	6.35	Value of timber, etc., in depots on 1st April 1933.	3.11
plus * ..	0.27	Value of tools and plant on 1st April 1933.	7.32
Value of tools and plant on 31st March 1932.	9.10	Revenue outstanding on 1st April 1933.	7.99
Revenue outstanding on 31st March 1932.	8.64	Revenue of the year including 0.76 from the commercial concerns.	47.38
Working expenditure of the year (excluding capital expenditure).	36.22	Good debts (advances) on 1st April 1933.	0.10
Good debts (advances) on 31st March 1932.	0.17		
Gross profit	5.21		
Total	65.96	Total	65.96

* Added owing to revaluation.

II. Interest.

(1) Capital expenditure up to the end of 1931-32 (excluding commercial concerns)	39.52
Capital expenditure during 1932-33	2.34
Total	41.86
(2) Interest on capital expenditure of Rs. 2.34 lakhs during 1932-33 at 5.48 per cent	0.13

III. Depreciation.

(3) Depreciation on tools and plant at 5 per cent	0.37
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IV. Profit and Loss Account.

Gross profit as per table I	5.21
Deduct interest and depreciation (0.13 plus 0.37)	0.50
Net profit	4.71

VII.—GENERAL.

133. As usual the Forest department looked after the hillmen and jungle tribes dwelling in the forests. They were granted rent free leases of land for cultivation, they were allowed the privilege of free grazing or grazing at concessional rates and the free use of forest produce, in return for which they were required to protect the forests. They were also granted rewards for successful fire protection. They were employed in departmental operations for which they were adequately paid. In some divisions their partiality to shifting cultivation has been made use of for raising plantations.

134. The Khonds of Ganjam continued to be on good terms with the department. The system of entrusting the protection of reserved lands to patels on payment of a remuneration of Rs. 4 per square mile tried in the Balliguda Agency, has worked well and it is proposed to extend it to the Rampa forests in Lower Godavari.

135. It is regrettable that the Savaras of the Parlakimedi Maliahs are not yet reconciled to the curtailment of the area formerly freely enjoyed by them for podu cultivation, by the reservation of certain hill-blocks under section 26 of the Forest Act. Some of the Savaras who ventured to clear a block of land were convicted. As the Savaras are refractory and their population is said to be increasing, the problem of providing an alternative means of livelihood for them is a difficult one which has to be solved. The District Forest Officer is said to be investigating the problem and his report is awaited. As the hillmen of Lower Godavari were persistently indifferent in the matter of fire protection, the practice of giving them rewards was discontinued.

136. The Yanadis of Sriharikota continued to be employed by the department in the collection of minor produce and in departmental operations and were as usual granted rewards. They were persuaded to deposit their rewards in the post office savings bank on a specially devised system, under which the withdrawals were controlled by the District Forest Officer. This system was instituted for moral as well as practical reasons. All the sixty-six families employed by the department deposited their savings in the savings bank amounting to Rupees 2,634. The system has been working quite satisfactorily, but the Department of Posts and Telegraphs has raised a technical objection to it. The result of the abolition of the system would be that the Yanadis would squander their savings in a short time, become depraved and decamp from their work. Some of the Yanadis of North and South Cuddapah are employed as forest guards and watchers.

137. The Chenchus of the Nallamalais are gradually beginning to improve. Besides being employed on forest works they were employed as headmen, deputy headmen, metta talayaris, forest guards, watchers and teachers in Chenchu schools. Their population is about 4,000 and a sum of Rs. 23,016 was spent for them (as against Rs. 26,470 in the previous year) which works out to Rs. 5-12-0 per head. The number of criminal cases decreased from 17 (involving 73 men) to 9 (involving 18 men) of which five were forest offences. The newly appointed headmen and deputy headmen were useful in preventing crimes and assisting

the Forest department in controlling the Chenchus. The Chenchus of several gudems have cultivated food crops on temporary leases within reserves and others have been induced to begin cultivation. In some gudems the Chenchus were induced to deposit their surplus earnings in a kind of provident fund from which their cultivation expenses were met. Advances amounting to Rs. 306 were made for the purchase of bulls. The recoveries during the year amounted to Rs. 859 leaving a balance of Rs. 2,135 as against Rs. 2,688 in the previous year. There were 20 Chenchu schools with a total strength of 500 pupils. The expenditure for the purchase of medicines amounted to Rs. 747 as against Rs. 498 in the previous year.

138. The practice of collecting metta (or safe conduct) fees by the Chenchus from pilgrims visiting the Srisaillam shrine during Sivaratri festival was regularized. The fees collected amounted to Rs. 3,137, which was distributed to them after the close of the festival in the shape of grain, cattle and cash, with which they purchased provisions and cleared their debts.

139. The Malayalis of North Arcot and Salem besides being engaged on departmental works were also employed as forest subordinates. In order to supplement their earnings they were encouraged to raise orange gardens and were supplied with 100 seedlings by the Department of Labour.

140. As usual the Forest department continued to carry on the land revenue administration of the Javadis. The question of extending the system was deferred pending the bifurcation of the Vellore division, but as the division has now been split up into two, the question of extending the system is being examined by the Collector. Proposals will be submitted on receipt of the Collector's report.

141. The Kundalis of North Mangalore are reported to have given up shifting cultivation.

142. In South Cuddapah a forest guard on duty was murdered in the forest and the accused were committed to the sessions. His family was recommended for the grant of extraordinary gratuity. In East Vellore a watcher on duty was murdered. The accused were sentenced to transportation for life.

143. One ranger, four foresters, twenty guards, nine watchers, a tanadar, five clerks and three menials died during the year. In the Agencies alone there were 12 deaths, without taking into account the members of the families of the subordinates, due to the malignant type of malaria prevailing in these tracts. A severe type of malaria prevailed in the hill tracts which claimed several victims. In the Agencies, subordinates were freely supplied with quinine and other drugs and with Cassia bearinai—a specific for black-water fever. It is proposed to supply them with a costly specific for malaria. In South Coimbatore, a sum of Rs. 651 was spent on anti-malarial measures in the interest of the subordinates and labourers. The medical officers at Manantoddy and Sultan's Battery visited the forests, treated the subordinates and the labourers and suggested preventive measures and a debt of gratitude is owed to them for the trouble taken and the beneficial effect of their

treatment and advice. Elsewhere the department was unable to take any preventive measure except clearing undergrowth round departmental buildings. The general health of the forest staff in the unhealthy tracts was unsatisfactory with the result that a large number of rangers and subordinates had to be granted leave.

144. The important events in the year were—

- (i) The bifurcation of the Vellore division, which has been too heavy for a single charge ever since the two divisions were amalgamated into one in 1926.
- (ii) Transfer of the control of reserved forests in the Agency from the Agent to the Forest department.
- (iii) Separation of the District Forest Officer's office establishments from the Collectorate and the regrouping of the clerical establishment on a Presidency basis.
- (iv) The direct recruitment of probationary foresters.

145. During the year only 14 divisional offices were inspected by the Audit branch of the Accountant-General's office. This was due to the fact that the annual audit was reduced to a triennial one as a measure of retrenchment.

146. The Conservators inspected all the District Forest offices in their circles and the District Forest Officers all the Range offices in their divisions. The results were satisfactory. Only two of the Conservators have reported about the inspection of sale and forest depots. This information should invariably be furnished in the future.

147. The relationship between the Revenue and Forest departments continued to be friendly and cordial throughout the Presidency.

148. The keenness of the members of the department referred to in last year's report by Mr. Richmond was maintained. The Chief Conservator relies upon all ranks to live up to the high standard which has been reached.

A. WIMBUSH,
Chief Conservator of Forests.

APPEN-

APPENDIX A.—Comparative statement of number and origin

C. Fires beginning inside the

District.	A. Fires caused by accident or through carelessness in burning fire lines.		B. Fires entering forests by crossing exterior fire lines.		Owing to carelessness or accident.							
					By workmen engaged in the forests or by purchasers of forest produce and by hay-cutters.				By villagers, travellers, etc., passing through the forests.		By lightning or by fire balloons.	
	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Waltair Circle.												
Ganjam ..	..	..	3	551	..	..	47	12,916	..	..	5	579
Parlakimedi ..	..	..	1	30	..	..	1	1	..	..	..	..
Vizagapatam ..	..	..	..	..	5	388	12	4,204	..	..	..	..
Godavari, Upper.	1	14	5	8,508	..	..	8	259	..	..	..	..
Do. Lower.	..	..	8	792	3	195	45	6,077	..	..	..	..
Guntur ..	..	..	3	170	1	15	39	4,713	..	..	..	..
Nellore ..	..	..	2	1,400	1	10	6	385	..	..	..	..
Total ..	1	14	22	11,451	10	408	156	28,555	..	..	5	579
Bellary Circle.												
Anantapur ..	15	2,306	6	2,745	4	3,367	8	6,207	1	700	..	..
Kurnool, East ..	2	31	..	..	..	..	5	566	..	..	..	..
Do. South ..	..	..	2	240	5	345	13	2,986	3	850	..	..
Do. West ..	2	465	11	3,613	1	40	79	35,866	8	3,267	..	..
Cuddapah, North.	..	..	4	2,548	6	3,537	11	1,985	..	..	..	..
Do. South ..	1	50	..	..	1	15	11	5,016	..	..	..	..
Total ..	20	2,852	23	9,141	17	7,304	127	52,576	12	4,817	..	..
Salem Circle.												
Chittoor ..	1	225	4	987	1	114	4	832	1	220	..	..
Vellore East ..	..	..	5	233	1	20	14	632	..	..	..	..
Do. South ..	..	..	..	..	..	..	13	840	..	..	..	..
Salem, North ..	..	..	..	..	..	..	3	217	..	..	..	..
Do. Central ..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South ..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	225	9	1,220	2	134	34	2,521	1	220	..	..
Coimbatore Circle.												
Kollegal ..	..	..	..	..	3	115	5	1,871	..	..	..	..
North Coimbatore	3	88	2	380	1	30	22	1,182	..	..	..	..
South do.	4	70	2	40	15	1,011	2	8	..	..	..	..
Madura ..	2	38	20	1,988	..	..	8	248	..	..	..	..
Tinnevely ..	5	102	8	1,046	1	35	4	255	..	..	2	25
Total ..	14	298	32	3,454	20	1,191	41	3,062	..	..	2	25

DICES.

of fires that occurred during the calendar year 1932.

reserves or fire-traced areas.

By intentional firing.										Total of A, B and C and causes unknown.	
In order to obtain new grass.		In order to turn out game or to reduce cover.		Maliciously fired.		Total, C.		Causes unknown			
Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
..	..	..	..	22	6,853	74	20,348	..	..	77	* 20,899
..	..	..	..	..	..	1	1	13	1,618	15	1,649
..	..	..	..	..	..	17	4,592	..	..	17	↑ 4,592
1	14	..	..	..	..	7	273	37	64,828	40	73,623
4	592	..	..	..	..	52	6,864	9	441	69	8,097
..	..	..	..	..	..	40	4,728	8	465	51	5,363
3	370	..	..	4	560	14	1,325	5	443	21	3,168
8	976	..	..	26	7,413	205	38,131	72	67,795	300	117,391
1	120	..	..	4	1,074	18	11,468	10	3,929	49	20,448
7	3,304	1	476	3	2,216	16	6,562	21	23,156	39	29,749
1	100	..	..	9	1,149	31	5,130	1	200	34	5,870
1	200	..	..	..	..	89	39,373	24	11,049	126	54,500
11	4,892	..	..	43	18,566	71	28,930	22	12,354	97	43,827
12	1,524	3	1,422	..	..	27	7,977	39	12,056	67	20,083
33	10,140	4	1,898	59	23,005	252	99,740	117	62,744	412	174,477
44	5,420	1	237	..	..	51	6,823	17	2,635	73	10,730
22	1,306	..	..	..	..	37	1,958	52	3,693	94	5,884
17	778	..	..	..	..	30	1,618	29	3,735	59	5,353
2	661	..	..	..	..	5	878	2	66	7	944
..	..	..	..	..	..	..	..	40	1,778	40	1,778
..	..	..	..	..	..	..	..	35	522	35	522
85	8,165	1	237	..	..	123	11,277	175	12,489	308	25,211
1	120	..	..	3	75	12	1,681	26	5,657	38	7,338
3	235	..	..	..	..	26	1,447	38	2,362	69	4,277
16	180	..	..	..	..	33	1,197	1	10	40	1,317
5	90	..	..	7	111	20	449	79	2,689	121	5,164
33	3,455	4	395	1	5	45	4,170	23	1,158	81	6,476
58	4,080	4	395	11	191	136	8,944	167	11,876	349	24,572

APPENDIX A.—Comparative statement of number and origin

District.	C. Fires beginning inside the													
	A. Fires caused by accident or through carelessness in burning fire lines.		B. Fires entering forests by crossing exterior fire lines.		Owing to carelessness or accident.									
					By workmen engaged in the forests or by purchasers of forest produce and by hay-cutters.		By villagers, travellers, etc., passing through the forests.		By railway engines.		By lighting or by fire balloons.			
	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
<i>Ootacamund Circle.</i>														
Mangalore, North ..	..	..	26	654	..	..	25	375	..	..	..	..	..	..
Mangalore, South ..	..	1	32	1,192	..	..	34	1,259	..	..	..	..	..	..
Wynaad ..	..	..	13	752	..	..	..	..	..	..	..	..	..	..
Nilambur ..	..	6	..	..	..	..	..	..	..	..	..	..	..	..
Nilgiris, The ..	..	..	..	..	..	..	11	1,202	..	..	..	..	..	..
Palghat ..	..	4	10	192	9	128	3	95	..	..	..	..	..	..
Total ..	11	95	81	2,790	9	128	73	2,931	..	..	..	..	..	..
Grand Total, Presidency ..	47	3,484	167	28,056	58	9,365	431	89,645	13	5,037	7	60	..	..

Note for Waltair Circle.

(a) Includes 489 acres of fire burnt areas in protected forests.
(b) Do. 7,281 do.

(b) Do. 7,281 do.

of fires that occurred during the calendar year 1932—cont.

reserves or fire-traced areas.

By intentional firing.												Total of A, B and C and causes unknown.
In order to obtain new grass.		In order to turn out game or to reduce cover.		Maliciously fired.		Total of C.		Causes unknown.				
Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	
10	771	..	..	7	159	42	1,305	6	111	74	2,670	
..	..	6	124	..	..	40	1,383	75	4,511	148	7,089	
..	..	..	..	..	..	..	..	11	1,823	24	2,575	
..	..	..	..	8	6	3	6	2	15	11	37	
..	..	..	..	..	..	11	1,202	53	1,419	64	2,621	
1	5	..	..	5	135	18	363	4	41	36	672	
11	776	6	124	15	300	114	4,259	151	7,920	357	15,064	
195	24,137	15	2,654	111	30,909	830	162,351	682	162,824	1,726	356,716	

APPENDIX B.—Comparative statement of impounded cattle during 1932-33.

District.	Number of cattle impounded.		Average for three years ending 1931-32.
	1931-32.	1932-33.	
<i>Waltair Circle.</i>			
Ganjam	2,746	1,308	1,930
Parlakimedi	..	509	170
Vizagapatam	167	443	160
Godavari, Upper	1,029	1,292	600
Do. Lower	1,217	1,874	1,220
Guntur	5,911	2,051	5,155
Nellore	1,733	1,414	1,595
Total ..	1,2803	8,891	10,830
<i>Bellary Circle.</i>			
Anantapur	8,914	8,486	7,487
Kurnool, East	5,083	3,646	3,667
Do. South	6,689	2,386	7,489
Do. West	6,689	4,271	5,338
Cuddapah, North	4,673	3,640	3,457
Do. South	3,118	3,699	3,279
Total ..	35,166	21,128	30,667
<i>Salem Circle.</i>			
Chittoor	3,374	2,838	2,778
Vellore, East	4,680	3,293	4,071
Do. West	915	1,349	1,026
Salem, North	1,898	1,658	1,536
Do. Central	2,934	2,499	2,209
Do. South	915	1,031	1,160
Total ..	14,696	12,668	12,779
<i>Coimbatore Circle.</i>			
Kollegal	2,626	1,907	2,142
Coimbatore, North	3,553	1,852	2,611
Do. South	611	260	298
Madura	2,555	2,798	2,714
Tinnevely.. .. .	2,295	1,254	1,729
Total ..	11,640	8,071	9,494
<i>Ootacamund Circle.</i>			
Mangalore, North	229	284	216
Do. South	285	297	245
Wynaad	176	93	156
Nilambur	274	332	109
The Nilgiris	780	1,055	571
Palghat	321	436	218
Total ..	2,065	2,497	1,516
Grand Total, Presidency ..	76,370	53,255	65,285

ANNUAL FORM No. 25.

Forest Department, Madras Presidency.

Area of Reserved Forests and Reserved Lands during 1932-33.

ANNUAL

Forest Department,
Area of Reserved Forests and

Districts.	Area on 1st April 1932.		Added during the year.	Excluded during the year.	Area of Reserved	
					Area on 31st March	
	Aores.	Equivalent in square miles.			Aores.	Equivalent Class I or departmental forests. (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Waltair Circle.</i>						
Ganjam	400,069	625	..	..	400,069	625
Parlakimedi	..	..	..	..	..	..
Vizagapatam	196,317	307	(a) 1,313	(c) 21	193,068	269
Godavari, Upper	531,213	830	(d) 488	..	531,701	831
Do. Lower	365,427	571	(d) 23,951	(a) 4,814	386,003	527
Guntur	578,874	904	(a) 1,439	..	578,874	612
Nellore	475,691	743	..	..	475,691	373
Total	2,547,591	3,980	27,192	9,377	2,565,406	3,237
<i>Bellary Circle.</i>						
Anantapur	1,145,678	1,790	(a) 67	(e) 61	941,420	401
Kurnool, East	625,610	978	(b) 168	(d) 204,264	625,778	945
Do. South	462,304	722	(c) 1	(f) 873	461,432	664
Do. West	604,021	944	..	(e) 4	604,017	854
Cuddapah, North	505,888	790	(d) 204,264	..	710,152	934
Do. South	440,978	689	..	..	440,978	671
Total	3,784,479	5,913	204,500	205,202	3,783,777	4,469

Note for Waltair Circle—

- (a) Adoption of correct areas as per section 16 notification.
 (b) Area notified under section 33 of the Madras Forest Act.
 (c) Disreserved.
 (d) Afforested.
 (e) Notified under section 26. Agency areas transferred to the control of the Forest Department.
 G.O. Ms. No. 1009, Development, dated 27th July 1932.
 (f) Reservation cancelled in notification No. 117, dated 31st March 1933.
 (g) Eliminated from the area notified under section 26.

FORM No. 25.

Madras Presidency.

Reserved Lands during 1932-33.

Forests.		Area of Reserved Lands.							Total area of reserved forests and reserved lands in square miles.	
1933		Area on 1st April 1932.		Added during the year.		Excluded during the year.		Area on 31st March 1933.		
in square miles.										
Class III or ryots forests. (8)	Total. (9)	Acres. (10)	Equivalent in square miles. (11)	Acres. (12)	Acres. (13)	Acres. (14)	Equivalent in square miles. (15)	(16)		
..	625	..	..	(e) 69,420	..	(e) 69,420	109	734		
..	..	..	..	(e) 112,879 55	(g) 59	(e) 112,875	176	176		
33	302	1,356	2	..	(b) 1,313	(e) 14 29	..	302		
..	831	34,220	54	8,946	(d) 488 (f) 251	42,427	66	897		
76	603	64,282	100	15,367	(d) 23,951	55,698	87	690		
292	904	..	..	..	..	..	..	904		
370	743	..	..	..	..	..	..	743		
771	4,008	99,858	156	206,667	26,062	280,463	438	4,446		
1,070	1,471	23,150	33	(g) 3,595	(d) 17,554 (c) 17	9,174	14	1,485		
33	978	168	..	..	(b) 178	..	..	978		
57	721	..	..	..	..	..	..	721		
90	944	3,789	6	(g) 1,433	(e) 67	5,155	8	952		
176	1,110	..	..	(d) 17,554 (g) 682 (h) 3,114 (g) 1,046	..	21,350	33	1,143		
18	689	..	..	..	..	1,046	2	691		
1,444	5,913	27,107	42	27,424	17,806	36,725	57	5,970		

Note for Belhary Circle—

- (a) Wrongly excluded in last year's return, hence now included.
- (b) Reserved land of 168 acres published under section 4 in last year's has been notified as reserved forest under section 16 during the year.
- (c) Addition and exclusion in reserved forest and reserved lands (panchayat) are due to the correct areas reported by Collectors.
- (d) Addition and exclusion are due to the transfer of Vempalle Range from Anantapur division to North Cuddapah division with effect from 1st June 1932 (vide G.O. No. 716, Development, dated 28th May 1932).
- (e) Due to disafforestation during the year.
- (f) Due to adopting correct area of Vedullaacheruvu reserved forest of Kanigiri range as recomputed in 1932.
- (g) New areas declared as reserved lands under section 26 of the Madras Forest Act by respective Collectors during the year.
- (h) Area of Vontimitta extension B. reserved forest (Chintarajupalle) published under section 4 of Madras Forest Act.

Area of Reserved Forests and

Division.	Area of Reserved Forests and					
	Area on 1st April 1932.		Added during the year.	Excluded during the year.	Area on 31st March	
	Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent Class I or Departmental Reserves.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Salem Circle.</i>						
Chittoor ..	503,260	786	..	(a) 7.40	503,263	578
Vellore, East ..	713,859	1,115	(b) 11.95	(c) 167,723	544,606	467
				(d) 1,542		
Vellore, West ..	..	..	209,839	..	209,839	302
Salem, North ..	369,686	578	..	(e) 86	369,600	567
Do. Central ..	603,438	943	..	(f) 42,116	561,177	649
				(g) 145		
Do. South ..	263,181	411	..	..	263,181	256
Total ..	2,453,424	3,833	209,851	211,619	2,451,656	2,819
<i>Coimbatore Circle.</i>						
Kollegal Division ..	603,089	942	..	(a) 166	603,923	942
Coimbatore, North Division ..	558,100	872	..	(a) 1,479	556,621	830
Do. South Division ..	250,255	391	..	(a) 595	249,660	385
Madura District ..	437,243	683	(b) 4,875	(a) 20	442,098	643
Tinnevely District ..	267,156	417	..	..	267,156	407
Tanjore District ..	6,468	10	..	..	6,468	6
Total ..	2,122,311	3,315	4,875	(c) 2,260	2,124,926	3,213

Note for Salem Circle—

- (a) Represent 3.12 acres, 3.19 acres and 1.09 acres disreserved in Tirupati hill extension, Palmaner and Mordana reserves in Notification Nos. 205, dated 1st June 1932, 394, dated 31st October 1932, and 97, dated 6th March 1933 respectively.
- (b) Addition to Karuthamalai reserved forest notified under section 16 in Notification No. 8, dated 4th January 1933.
- (c) Area of reserves transferred to the bifurcated West Vellore division formed in G.O. No. 1537, dated 25th November 1932.
- (d) Area of Melohengam panchayat reserved forest excluded from East Vellore having been wrongly included both in Central Salem and East Vellore divisions in the last year return.
- (e) Represents 48 acres of Maharajagadai, 24 acres of Neralapalli and 14 acres of Denkanikota reserves disreserved in Notification Nos. 234 and 273, dated 20th June 1932 and 12th July 1932, No. 272, dated 12th July 1932 and No. 93, dated 3rd March 1933 respectively.
- (f) Represents the area of Anandavadi, Ravandavadi, Ponnir (part) and Melohengam (Panchayat) reserves transferred to West Vellore division.
- (g) Area disreserved in Mallapuram extension reserved forests in Notification No. 274, dated 8th July 1932.
- (h) Proposed addition to Palmaner reserved forest notified under section 4 in Notification No. 352, dated 1st October 1932.

Reserved Lands during 1932-33—cont.

Forests.	Area of Reserved Lands.							
	Area on 1st April 1932.		Added during the year.	Excluded during the year.	Area on 1st April 1933.		Total area of reserved forests and reserved lands	
	in square miles.	Acres.	Acres.	Acres.	Acres.	Equivalent in square miles.	in square miles.	in square miles.
1933.	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Class III or ryots forests.	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
208	786	..	70	0.91	(h) 1.36	..	1.36	786
384	851	..	..	..	(i) 26.69	(j) 70.00	14.74	851
						(k) 11.95	..	..
26	328	..	..	..	..	..	..	328
10	577	..	..	..	..	..	..	577
228	877	3,790	..	6	..	..	3,790	883
155	411	19,302	30	..	..	..	19,302	441
1,011	3,830	23,162	36.01	28.05	81.95	23,108.10	36.023 or 36	3,866
..	942	..	..	..	..	..	..	942
40	870	..	..	..	..	..	..	870
5	390	..	..	..	..	..	..	390
(e) 48	691	2	..	..	2	..	..	691
10	417	(d) 6	..	..	..	6	..	417
(f) 4	10	5,992	9	..	..	5,992	9	19
107	3,320	6,000	9	..	2	5,998	9	3,329

Note for Salem Circle—cont.

- (i) Proposed additions to Karuthamalai reserved forest notified under section 4 in Notification Nos. 255, dated 15th July 1929 and 315, dated 15th October 1930.
- (j) Represents the area of reserved lands wrongly shown in the last return but since excluded being one notified by the Collector under rule 5 of the general rules under section 26.
- (k) Area notified under section 16 in Notification No. 8, dated 4th January 1933 [vide note against (b) above].

Note for Coimbatore Circle—

- (a) Disforested during the year.
- (b) Four thousand eight hundred and seventy-three acres of Panchayat forests in the Lalgudi taluk of Trichinopoly district comprised in the Ayyalur range of Madura division previously included in the return of South Salem division of the Salem circle now shown in this statement.
- (c) Includes 17 acres of Panchayat forest.
- (d) Omitted in the previous year return.
- (e) Out of 48 square miles of class III forests and area of 4 square miles is under the control of the Forest Department.
- (f) Under the control of the Forest Department.

Area of Reserved Forests and

Districts.	Area of Reserved					
	Area on 1st April 1932.		Added during the year.	Excluded during the year.	Area on 31st March	
	Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent Class I or Departmental forests.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Ootacamund Circle.</i>						
Mangalore, North ..	229,896	359	(a) 37,238	..	267,134	417
Do. South ..	281,043	439	(b) 5,203	(a) 37,238	249,008	389
Wynad ..	167,999	262	..	..	167,999	262
Nilambur ..	68,822	108	..	..	68,822	108
The Nilgiris ..	309,730	484	..	(d) 0.24	309,730	484
Palghat ..	167,898	262	..	..	167,898	262
Total ..	1,226,388	1,914	42,441	37,238.24	1,230,591	1,912
Parlakimedi Maliahs.	..	..	..	..	..	..
Total ..	..	..	..	..	..	..
Grand Total, Presidency ..	*12,133,193	18,955	488,859	465,696.24	12,156,356	15,650

Note for Ootacamund Circle—

- (a) Area added from South Mangalore division on the abolition of Beltangady range.
 (b) Area added under section 16.
 (c) Area of Maloth block published under section 4 of the Forest Act, in Notification No. 375, dated 14th October 1932.
 (d) Area disforested under section 24.

Reserved Lands during 1932-33—cont.

Forests.		Area of Reserved Lands.						Total area of reserved forests and reserved lands in square miles. (16)	
1933.	Area on 1st April 1932.		Added during the year.	Excluded during the year.	Area on 31st March 1933.				
in square mile.	Total.	Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
..	417	..	..	8	(e) 689	(e) 5,203	689	1	417
..	389	5,203	..	..	..	..	22	..	390
..	262	22	..	..	..	..	11,510	18	262
..	108	11,510	..	..	..	..	1,210	..	126
..	484	{ (e) 2,819	{ (e) 5	..	..	{ (e) 2,818	{ (f) 6	..	490
10	262	..	..	..	..	..	..	..	262
10	1,922	20,764	33	689	5,203	16,249	25	..	1,947
..	..	112,879	176	..	..	..	..	..	..
..	..	289,764	453	..	..	..	..	..	..
362,543.1 or 362,544							565	..	19,558
3,343	18,993	† 176,891	† 276.01	234,808.05	49,154.95	362,544	565	..	19,558

Note for Ootacamund Circle—cont.

- (e) Tadapatta lands.
 (f) Correct area.
 * Correct figure adopted.
 † Revised area adopted as the Agency areas were transferred to the control of Forest Department, in G.O. Mis. No. 1009, Development, dated 27th July 1932.

ANNUAL FORM No. 28.

Forest Department, Madras Presidency.

Progress made in Working Plans during 1932-33.

District.	Areas for which Working Plans have been completed and approved by the Chief Conservator of Forests.		Areas for which Working Plans are being compiled or have been compiled but not sanctioned.		Areas for which Working Plans have still to be taken in hand.	Total forest area as per form 25.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
WALTAIR CIRCLE.						
<i>Reserved Forests.</i>						
Ganjam	625	..	..	..	..	625
Parlakimedi	211	..	..	..	..	211
Visagapatam	..	..	..	..	..	..
Godavari, Upper	..	..	..	..	(b) 58	269
Do. Lower	393	..	..	..	831	831
Guntur	35	..	(d) 540	..	134	527
Nellore	80	..	39	..	87	612
Total	1,344	..	579	..	1,314	3,237
<i>Reserved Lands.</i>						
Ganjam	..	..	..	..	(a) 109	..
Parlakimedi	..	..	..	..	(c) 176	..
Visagapatam	..	..	..	..	..	..
Godavari, Upper	..	..	..	..	..	..
Do. Lower	..	..	..	..	66	..
Guntur	..	..	..	..	87	..
Nellore	..	..	..	..	..	..
Total	..	..	..	..	438	438
BELLARY CIRCLE.						
<i>Reserved Forests.</i>						
Anantapur	(a) 398	..	..	..	(e) 3	406
Kurnool, East	945	..	..	..	(f) 3	944
Do. South	612	..	..	..	..	669
Do. West	298	(b) 556	(c) 9	..	(f) 43	864
Cuddapah, North	(a) 928	..	..	..	..	934
Do. South	113	..	(d) 558	..	(g) 6	671
Total	3,294	556	567	..	52	4,416

Notes for the Waltair Circle—

(a) Represents area in Balliguda Agency notified under section 26 of the Madras Forest Act.

(b) Includes 2 square miles of forest notified under section 33 of the Madras Forest Act,

(c) Notified under section 26 of the Madras Forest Act. There are no Reserved Forests notified under section 16 in the whole division.

(d) Working plan for the whole area sanctioned since close of the year.

Notes for Bellary Circle—

(a) Increase and decrease are due to transfer for Vempalle Range from Anantapur division to Cuddapah North division during the year.

(b) Area of Nallamalai Working Plan sanctioned in Chief Conservator's Proceedings No. 447, dated 12th October 1932.

(c) A tentative working scheme for 9 square miles in Nandyal Terai Block I (Gasulapalli) which was sanctioned by the Conservator is in force.

(d) Working plan for this area has been completed and is pending Chief Conservator's sanction.

(e) Area of Madhanikonda Reserved Forest which was transferred from Class III to Class I.

(f) Area of Class I reserves of Kanigiri range.

(g) Area of Chennupalle Reserved Forest retained under Class I as no panchayat is yet formed for it.

Progress made in Working Plans during 1932-33—cont.

District.	Areas for which Working Plans have been completed and approved by the Chief Conservator of Forests.		Areas for which Working Plans are being compiled or have been compiled but not sanctioned.		Areas for which Working Plans have still to be taken in hand.	Total forest area as per form 25.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
BELLARY CIRCLE—cont.						
<i>Reserved Lands.</i>						
Cuddapah, North	..	..	..	..	(h) 5	5
Total	..	..	..	..	5 + 51 (A)	5 + 51 *
<i>Unclassed Forests.</i>						
Anantapur	(i) 1	..	..	..	..	1
SALEM CIRCLE.						
Chittoor	577	..	..	..	..	577
Vellore, East	302	..	165	..	..	467 *
Do. West	302	..	..	..	..	302 *
Salem, North	141	..	217	..	210	568
Do. Central	(a) 527	..	36	..	92	655 †
Do. South	(b) 286	..	..	..	..	286 ‡
Total	2,135	..	418	..	(c) 302 (d) 2,855	..

Note for Bellary Circle Reserved Lands—

(h) Area of proposed Chintarajupalle Reserved Forest for which section 4 notification has been published.

(i) Area of Garaga unreserve included in the sanctioned Working Plan of Anantapur division.

* Reserved lands for which working plans have not yet to be taken up.

Note for Salem Circle—

* The difference between the last year's and this year's figures is due to transfer of 64 square miles of reserved forests from Central Salem to West Vellore division during the year.

† The difference between the last year's and this year's figures is due to transfer of 64 square miles of reserved forests to the West Vellore division and inclusion of 6 square miles of reserved lands.

‡ The difference between the last year's and this year's figures is due to inclusion of 30 square miles of reserved lands.

(a) This excludes 2.14 square miles of unreserves and includes 6 square miles of reserved lands notified under section 4, both of which are covered by the working plan sanctioned in Chief Conservator's Proceedings No. 444, Press, dated 17th October 1931.

(b) Includes 30 square miles of reserved lands notified under section 4.

(c) Includes 36 square miles of the Central and South Salem divisions

(d) Reserved Forests, 2,819 and reserved lands 36.

Progress made in Working Plans during 1932-33—*cont.*

District.	Areas for which Working Plans have been completed and approved by the Chief Conservator of Forests.		Areas for which Working Plans are being compiled or have been compiled but not sanctioned.		Areas for which Working Plans have still to be taken in hand.	Total forest area as per form 25.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
COIMBATORE CIRCLE.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Kollegal	(a) 942	..	..	..	..	942
Coimbatore, North ..	..	(b) 830	..	..	..	830
Do. South ..	115	(d) 3	..	248	19	385
Madura	364	..	17	..	262	643
Tinnevely cum Ramnad, ..	{ (a) 287 (c) 17 }	..	..	..	103	407
Tanjore	15	..	..	..	..	15
Total ..	(a) 1,740	833	17	248	(k) 384	(k) 3,222
				(k) Reserved forest ..		3,213
				Reserved lands ..		9

OOTACAMUND CIRCLE.

Reserved Forests.

Mangalore, North ..	42	..	(a) 375	..	..	417
Do. South ..	7	..	(a) 373	..	(c) 9	389
Wynad	158	104	..	..	..	262
Nilambur	108	..	..	..	..	108
Palghat	104	..	(b) 142	..	(d) 6	252
The Nilgiris	159	..	..	..	325	484
Total ..	(a) 578	104	890	..	340	1,912

Reserved Lands.

Mangalore, South ..	..	..	..	..	(e) 1	1
The Nilgiris	..	..	..	..	(f) 6	6
Total ..	..	..	..	..	7	7

Note for Coimbatore Circle—

- (a) Area under temporary scheme sanctioned by the Conservator.
 (b) Area of working plan for North Coimbatore division sanctioned by the Chief Conservator in his Proceedings Press No. 152, dated 26th March 1933.
 (c) Area of lapsed scheme, sanctioned by the Chief Conservator of Forests.
 (d) Area added to the Pollachi range Working Plans, Chief Conservator's Proceedings Ms. No. 462, dated 21st October 1932.
 (k) Includes 9 square miles of Tanjore district.

Note for Ootacamund Circle—

- (a) Working Plans for the entire area already completed but waiting for Chief Conservator's sanction. They have been given effect to during 1932-33.
 (b) Working Plan already completed but waiting for Chief Conservator's sanction. It has been given effect to during 1933-34.
 (c) This is the extent of 4 blocks declared as Reserved Forest.
 (d) Area of portions of Bolampatti blocks I and II.
 (e) This is the area of Maloth block notified under section 4 of the Forest Acts.
 (f) Todapatta lands and Badaga plantations scattered over the district. The correct area is 6 square miles 188 acres.

Progress made in Working Plans during 1932-33—*cont.*

District.	Areas for which Working Plans have been completed and approved by the Chief Conservator of Forests.		Areas for which Working Plans are being compiled or have been compiled but not sanctioned.		Areas for which Working Plans have still to be taken in hand.	Total forest area as per form 25.
	At commencement of the year.	During the year.	At commencement of the year.	Taken in hand during the year.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
OOTACAMUND CIRCLE	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
— <i>cont.</i>						
Leased Forests.						
Nilambur	18	..	..	..	..	18
Grand Total ..	596	104	890	..	347	1,937
Grand Total, Presidency—						
Reserved Forests.	(a) 9,091	1,493	(a) 2,471	248	2,347	15,650
Reserved Lands..	..	..	..	..	547	547
Leased Forests ..	18	..	..	..	..	18
Total ..	9,109	1,493	2,471	248	2,894	16,215

(a) Revised figures adopted.

ANNUAL FORM No. 29.
Communications and Buildings during 1932-33.

Description.	Name of division.	At the commencement of the year.			Additions and exclusions during the year.			At the close of the year.			Repairs during the year.			
		Number.	Length. M. P. CH.	Capital cost. RS.	Number.	Length. M. P. CH.	Capital cost. RS.	Number.	Length. M. P. CH.	Capital cost. RS.	Number.	Length. M. P. CH.	Cost. RS.	
Roads and bridges including outverts.	Waltair Circle.													
	Ganjam ..	31	102 3 6	69,710	..	1 0 2	1,246	31	103 3 8	70,956	24	75 5 5	2,304	
	Parlakimedi ..	..	..	..	..	..	..	..	..	..	..	..	..	
	Visagapatam ..	22	62 2 0	15,925	..	..	..	22	62 2 0	15,925	16	30 4 0	1,109	
	Godavari, Upper.	21	174 0 0	32,548	1	9 5 9	742	22	183 5 9	33,290	12	55 6 6	639	
	Do. Lower.	20	102 6 0	41,864	..	..	(b) 309	20	102 6 0	41,973	7	28 1 6	1,960	
	Guntur ..	33	185 0 0	32,184	1	1 0 0	50	34	186 0 0	32,234	7	16 1 0	914	
	Nellore ..	26	152 6 0	13,154	2	4 6 0	379	28	157 4 0	13,533	13	56 0 0	788	
	Total ..	153	779 1 6	2,05,185	4	16 4 0	(c) 2,726	157	795 5 5	2,07,911	79	262 2 7	7,694	
	Buildings, residential and non-residential.	Ganjam ..	116	..	91,984	2	..	2,856	118	..	94,840	91	..	5,317
Parlakimedi ..		39	..	6,454	1	..	(f) 20	40	..	6,474	6	..	102	
Visagapatam ..		40	..	11,215	..	..	(g) 37	47	..	15,149	23	..	830	
Golconda Agency		6	..	3,847	1	..	..	7	..	..	..	..	..	
Godavari, Upper.		79	..	75,030	— 1	..	— 180	80	..	74,850	49	..	324	
Do. Lower.		101	..	77,956	— 3	..	500 } — 591 }	98	..	77,865	53	..	2,689	
Guntur ..		50	..	42,884	— 1	..	— 297 }	49	..	42,587	17	..	709	
Nellore ..		33	..	46,517	— 1	..	+ 1,024 } — 400 }	32	..	47,041	23	..	605	
Total ..		458	..	3,54,787	— 2	..	3,019	464	..	3,57,806	266	..	(d) 12,711	

(d) 12,711

Other works such as wells, etc.	Ganjam ..	25	..	4,753	..	..	..	25	..	4,753	10	..	258	
	Parlakimedi ..	2	..	559	..	..	..	2	..	559	..	..	19	
	Visagapatam ..	9	..	2,511	..	..	..	9	..	2,511	1	..	52	
	Godavari, Upper.	19	..	16,239	..	..	..	19	..	16,239	9	..	110	
	Do. Lower.	15	..	4,295	- 1	..	+ 94 - 30	14	..	4,359	4	..	46	
	Guntur ..	11	..	1,309	..	..	..	11	..	1,309	2	..	78	
	Nellore ..	16	..	2,145	..	..	..	17	..	2,176	18	..	30	
	Total ..	97	..	31,811	- 1	..	+ 64	97	..	31,875	44	..	598	
	Bellary Circle.													
	Roads and bridges including bridge paths and outverts.	Anantapur ..	117	48 2 2	8,506	(a) - 2	- 11 7 2	(a) - 4,757	115	36 3 0	3,749	5	19 5 9	350
Kurnool, East ..		54	322 7 0	65,293	..	..	(d) + 455	54	322 7 0	66,748	16	23 3 0	968	
Do. South ..		26	139 0 0	47,468	..	..	..	26	139 0 0	47,468	9	55 0 0	2,907	
Do. West ..		10	77 0 5	34,187	(b) + 1	+ 5 3 0	Not known.	11	82 3 5	34,187	8	15 0 0	1,243	
Cuddapah, North		34	145 5 4	25,387	(c) + 2	+ 11 7 2	(a) + 4,757	36	157 4 6	30,144	3	32 0 0	554	
Do. South.		37	192 3 7	46,271	..	+ 3 1 8	(d) + 400	37	195 5 5	46,671	15	51 0 2	2,682	
Total ..		278	925 2 8	2,27,112	+ 1	+ 8 4 8	+ 855	279	933 7 6	2,27,967	55	196 1 1	8,714	
Buildings, residential and non-residential.		Anantapur ..	28	..	48,821	(e) - 4	..	(a) - 3,396	22	..	40,066	14	..	989
		Kurnool, East ..	70	..	70,497	(f) - 2	..	(d) + 231	73	..	70,684	46	..	938
		Do. South ..	55	..	1,00,813	(g) - 2	..	(e) - 837	71	..	99,763	31	..	1,349
	Do. West ..	81	..	1,36,399	(h) + 18	..	(d) + 380	72	..	1,37,929	38	..	1,079	
	Cuddapah, North.	48	..	82,102	(i) + 6	..	(f) + 1,311	56	..	86,614	21	..	1,059	
	Do. South.	86	..	93,235	(j) + 4	..	(e) + 3,396	86	..	98,235	50	..	1,319	
	Total ..	368	..	5,31,867	+ 12	..	..	380	..	5,28,291	200	..	6,733	

Notes for Waltair Circle—

- (a) Correct figure now adopted.
(b) Represents amount paid for the land acquisition for Kachalur road.
(c) Excludes Rs. 604 spent on timber slides at Fapikonda by Forest Engineer.

- (d) Excludes Rs. 2,249 cost of establishment.
(e) Debited to B. Regeneration.
(f) Debited to Ordinary.
(g) Revised figures adopted in Waltair and Ootacamund circles.

Communications and Buildings during 1932-33—cont.

Description.	Name of division.	At the commencement of the year.			Additions and exclusions during the year.			At the close of the year.			Repairs during the year.		
		Number.	Length.	Capital cost.	Number.	Length.	Capital cost.	Number.	Length.	Capital cost.	Number.	Length.	Cost.
Roads including bridges and over-bridges.	<i>Bellary Circle—cont.</i>												
	Anantapur ..	16	..	4,185 0	(a) - 2	..	..	14	..	3,779 0	3	..	Rs. A. P. 7 0 0
	Kurnool, East ..	22	..	7,891 0	..	..	(a) - 4,147	22	..	7,838 0	3	..	7 0 0
	Do. South ..	13	..	9,052 0	..	..	(a) - 4,649	13	..	4,603 0	2	..	66 0 0
	Do. West ..	12	..	10,695 0	..	..	(a) + 200	12	..	10,695 0	..	..	9 0 0
Roads including bridges and over-bridges.	<i>Cuddapah.</i>												
	Do. North ..	83	..	2,745 0	(a) + 2	..	(a) + 406	85	..	3,151 0	2	..	35 0 0
	Do. South ..	15	..	5,139 0	..	..	..	15	..	5,139 0	..	..	..
	Total ..	161	..	39,207 0	..	..	4,302 0	161	..	34,905 0	10	..	117 0 0
Roads including bridges and over-bridges.	<i>Salem Circle.</i>												
	Chittoor ..	42	185 0	42,185 0	..	..	..	42	185 0	42,185 0	23	116 2	3,476 0 0
	Vellore, East ..	36	176 6	1,11,799 0	7	39 5	(a) - 56,621	29	137 1	55,178 0	22	78 0	1,828 0 0
	Do. West ..	..	..	..	7	39 5	(a) + 56,621	7	39 5	56,621 0	7	39 5	1,417 0 0
	Salem, North ..	14	96 7	46,418 0	..	..	..	14	96 7	46,418 0	11	76 5	3,360 0 0
Buildings, residential and non-residential.	<i>Chittoor.</i>												
	Do. Central ..	15	73 5	16,575 6	..	..	..	15	73 5	16,575 6	9	55 0	1,493 0 0
	Do. South ..	34	151 5 1/2	34,705 0	..	..	..	34	151 5 1/2	34,705 0	14	26 3	970 0 0
	Total ..	141	683 7 1/2	2,51,682 6	..	..	..	141	683 7 1/2	2,51,682 6	86	391 7	12,544 0 0
Buildings, residential and non-residential.	<i>Vellore.</i>												
	Chittoor ..	81	..	83,635 0	1	..	(b) - 30	80	..	89,605 0	42	..	(l) 2,368 11 4 (m) 820 7 0
	Vellore, East ..	97	..	1,43,058 0	1	..	(a) - 60	56	..	1,18,035 0	52	..	(l) 1,007 0 0 (m) 1,353 0 0
	Do. West ..	..	..	..	40	..	(a) - 24,963	..	..	..	..	..	(m) 644 0 0
	Salem, North ..	42	..	76,169 0	..	..	(a) + 1,800	32	..	69,999 0	18	..	(m) 707 0 0
Other works, such as wells, etc.	<i>Salem.</i>												
	Do. Central ..	92	..	83,482 0	..	..	..	92	..	83,482 0	25	..	(l) 1,255 0 0 (m) 276 0 0
	Do. South ..	54	..	53,235 0	..	..	..	54	..	53,235 0	22	..	(l) 1,981 10 0 (m) 1,055 6 0
	Total ..	366	..	4,45,559 0	(a) - 10	..	+ 44,946	356	..	4,90,505 0	194	..	(m) 1,341 0 0 (m) 934 10 0

Other works, such as wells, etc.	<i>Chittoor.</i>												
	Vellore, East ..	87	..	11,577 0	..	..	..	37	..	11,577 0	2	..	20 0 0
	Do. West ..	63	..	5,938 0	..	..	..	37	..	12,195 0	3	..	39 0 0
	Salem, North ..	19	..	4,723 0	..	..	(a) + 6,257	18	..	7,590 0	2	..	61 0 0
	Do. Central ..	27	..	2,551 0	..	..	(a) + 7,335	19	..	4,776 0	4	..	35 0 0
Roads including bridges and over-bridges.	<i>Coimbatore Circle.</i>												
	Kollegal ..	14	99 2	42,728 0	..	..	..	14	99 2	42,728 0	11	60 3	3,050 0 0
	Coimbatore, North ..	14	112 4	82,240 0	..	..	..	14	112 4	82,240 0	14	101 4	7,577 0 0
	Do. South ..	16	51 2	3,77,840 0	..	..	5,546	19	60 6	3,83,386 0	11	40 4	10,778 0 0
	Madura ..	46	298 4	1,35,710 0	- 1	- 9 0	(c) - 3,492	45	289 4	1,32,749 0	36	211 7	8,295 0 0
Roads including bridges and over-bridges.	<i>Tinnevely.</i>												
	Do. North ..	81	242 4	80,308 0	..	..	(b) + 531	81	242 4	80,308 0	24	85 7	4,054 0 0
	Do. South ..	171	804 0	7,18,826 0	2	0 4	2,585	173	804 4	7,25,793 0	96	800 1	33,754 0 0
	Total ..	171	804 0	7,18,826 0	2	0 4	2,585	173	804 4	7,25,793 0	96	800 1	33,754 0 0
	Total ..	156	..	27,642 0	(a) - 7	..	+ 13,976	149	..	41,618 0	15	..	190 0 0

Notes for Bellary Circle—

- (a) Additions and exclusions are due to transfer of Vempalle range from Anantapur division to North Cuddapah division during the year.
 (b) Taking into account the portion of the cart-track from Tummalabail to Pecheruvu during the year in Kurnool West division.
 (c) Additions and exclusions are due to wrong account in previous year returns, hence now added and excluded during the year.
 (d) New additions during the year.
 (e) Written off during the year.
 (f) Value of sites included in Kurnool West division.

Notes for Salem Circle—

- (a) Represents the capital cost of seven roads and thirty-two buildings transferred to the newly formed West Vellore division from the old Vellore division.
 (b) Old tanah shed at Tirupati written off in Conservator's sanction order No. 143 of 1932, dated 18th October 1932.
 (c) Mastri's shed at Kilminnel written off in Conservator's sanction order No. 60 of 1932, dated 5th May 1932.
 (d) Represents the amount spent on the construction of Nellivasaal rest-house during the year.

- (g) Increase in the capital cost due to the adoption of the values in the building register.
 (h) Increase in the capital cost of wells due to revaluation.
 (i) Capital cost of the seventeen wells transferred to West Vellore division as revalued by the District Forest Officer.
 (j) Cost of construction of a well at Nellivasaal during the year.
 (k) Cost of improvements made to the well at Pudar, West Vellore division.
 (l) Cost of improvements made to the well at Urigan rest-house, North Salem division.
 (m) Cost of trial shaft for a well at Tammampatti, South Salem division.
 (n) Cost of repairs done during the year.
 (o) The decrease of ten buildings from the last year's return is due to writing off of two buildings and accounting the several structures at the sandalwood depot at Tirupattur as one against nine.
 (p) The decrease of seven wells is due to the incorrect figure furnished in the last year's return for the old Vellore division.
 (q) Represents the abandoned well at Kottur.

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Communications and Buildings during 1932-33—cont.

Description of work.	Name of division.	At the commencement of the year.			Additions and alterations during the year.			At the close of the year.			Repairs during the year.		
		Number.	Length.	Capital cost.	Number.	Length.	Capital cost.	Number.	Length.	Capital cost.	Number.	Length.	Capital cost.
Buildings, residential and non-residential.	<i>Coimbatore Circle—cont.</i>												
	Kollegal ..	64	..	83,230	— 1	..	— 2,340	63	..	80,890	19	..	1,140
	Coimbatore, North.	77	..	82,856	— 4	..	— 3,366	73	..	78,990	57	..	1,496
	Do. South.	86	..	1,04,384	+ 6	..	— 10,877	89	..	1,70,019	73	..	3,175
					— 3	..	— 5,172						
Buildings, residential and non-residential.	Madura	106	..	1,44,228	— 1	..	— 3,180	105	..	1,41,043	88	..	2,173
	Tinnevely	62	..	1,03,948	— 1	..	— 605	61	..	1,03,553	55	..	2,282
	Ramnad.						— 900						
	Total	396	..	5,78,141	— 4	..	— 3,546	391	..	5,74,595	290	..	10,265
Other works, such as wells, etc.	<i>Coimbatore Circle.</i>												
	Kollegal ..	18	..	11,560	..	..	..	18	..	11,560	6	..	63
	Coimbatore, North.	19	..	4,421	..	..	..	17	..	3,813	2	..	17
	Do. South.	9	..	3,674	..	..	..	9	..	4,692	..	..	1,009
	Madura	36	..	7,511	..	..	..	35	..	7,511	3	..	41
Roads including bridge paths.	Tinnevely	14	..	1,770	..	..	..	14	..	1,770	5	..	29
	Ramnad												
	Total	95	..	29,026	— 2	..	410	93	..	29,436	16	..	1,159
	<i>Ootacamund Circle.</i>												
Roads including bridge paths.	Mangalore, North.	36	74	15,449	..	..	..	36	74	15,449	9	43	215
	Do. South.	39	111	31,308	+ 1	7	..	40	118	31,361	18	70	451
	Wynad	59	218	84,510	+ 3	7	..	62	226	1,24,821	38	157	6,137
	Nilambur	22	38	22,955	..	..	..	22	38	23,290	16	24	1,339
	Do.	3	..	1,03,237	..	..	..	3	..	1,12,071	..	..	..
Roads including bridge paths.	The Nilgiris	70	115	3	..	..	..	70	115	3	..	..	..
	Palghat	53	257	5	..	..	..	53	257	5	..	..	..
	Total	282	816	1	4	15	4	286	831	5	198	626	2
	<i>Ootacamund Circle.</i>												
Roads including bridge paths.	Mangalore, North.	77	..	80,643	— 2	..	..	75	..	79,466	63	..	351
	Do. South.	49	..	75,853	+ 1	..	..	47	..	73,913	40	..	578
	Wynad	120	..	1,39,548	— 2	..	..	118	..	1,36,212	114	..	2,317
	Nilambur	51 + 1 (c)	..	1,23,357	..	..	..	52	..	1,25,686	47	..	2,278
	The Nilgiris	91	..	1,46,628	..	..	..	91	..	1,46,628	43	..	1,838
Roads including bridge paths.	Palghat	61	..	1,54,047	+ 2	..	..	62	..	1,57,185	58	..	1,735
	Do. (Chenat Nair)	10	..	30,827	— 7	..	..	3	..	3,415	..	..	..
	Total	459	..	7,50,903	— 12	..	— 30,403	448	..	7,22,455	365	..	9,537
Other works, such as wells, etc.	Mangalore, North.	32	..	11,231	..	..	..	32	..	11,231	4	..	24
	Do. South.	16	..	6,528	..	..	..	16	..	6,547	8	..	77
	Wynad	23	..	8,799	..	..	..	23	..	9,018	14	..	174
	Nilambur	8	..	3,468	2	..	..	10	..	4,370	6	..	31
	The Nilgiris	1	..	3,919	..	..	..	1	..	3,919	1	..	30
Other works, such as wells, etc.	Palghat	13	..	4,798	..	..	..	13	..	4,934	6	..	143
	Do. (Chenat Nair)	3	..	9,739	— 2	..	..	1	..	926	..	..	..
	Total	96	..	48,472	..	..	— 6,927	96	..	41,545	39	..	479
Grand Total.	Roads including bridge paths and culverts.	1,025	4,008	0	11	41	4	1,036	4,049	4	515	1,976	5
	Buildings, residential and non-residential.	(k) 2,053	(k) ..	(k) 2,86,312	(k) — 16	..	..	2,037	..	2,76,752	1,314	..	52,990
	Other works.	605	..	1,76,168	— 10	..	..	595	..	1,79,879	124	..	2,538
	Total	2,633	4,008	2,86,312	— 26	41	4	2,637	4,049	2,86,752	1,759	1,976	5

Note for Ootacamund Circle—cont.
(a) Expenditure incurred by the Forest Engineer on roads and bridges under construction by him.

(b) Discontinued, written off or sold.
(c) Received from the Forest Utilization officer.
(d) Extension of Mysore Range officer's quarters.
(e) Transferred from the Forest Engineer.
(f) Disposed of by the Forest Engineer.
(g) Expenditure on a new well still incomplete.
(h) Cost of deepening a well.
(i) Range officer's quarters at Bangalore omitted in last year's return.
(j) Revised figures adopted in Walair and Ootacamund circles.

Note for Coimbatore Circle—
(a) Cost of Thamarakurav-Sengulam road which was omitted during the previous years now added.
(b) Cost of land acquisition for Ayyalur-Thoppaswamimalai road and Sirumalai-Konapatti road.
(c) Highway bridge path transferred to the Tea estates, India, Ltd.—vide G.C.P. No. 396/32, dated 1st September 1932.
(d) Difference adjusted in stock accounts.
(e) Cost of telephone materials.
(f) Installation of force pump at Mount Stuart.
(g) Installation of force pump at Mount Stuart.
(h) Includes Rs. 39,875 spent for metalling Foothakal-Bavali road, now brought to account.

FOREST DEPARTMENT

Return of Breaches of Forest Rules during 1932-33.

Lower Godavari.	{ A B C	79	41	25	1	57	148	119	312	2	11	121	328	95
		78	200	79	2	281	367	378	346	11	16	280	567	68
		69	..	..	..	69	..	..	..	..	..	..	..	..
		Total	185	241	104	3	417	503	307	861	13	29	410	890	93
Guntur ..	{ A B C	235	207	66	9	282	517	88	241	317	954	405	1,195	112
		67	284	104	7	405	472	382	890	5	12	387	902	85
		..	4	..	..	4	..	..	..	..	..	..	..	..
		Total	302	505	170	16	691	989	470	1,121	322	966	792	2,097	127
Nellore ..	{ A B C	40	160	73	1	234	274	20	66	218	520	238	586	36
		20	171	79	1	251	271	209	406	10	19	219	425	52
		..	4	..	..	25	..	..	..	..	..	..	..	..
		Total	60	335	152	2	510	545	229	472	228	539	457	1,011	88
Total, Reserves ..	A B C	430	656	190	23	870	1,300	370	1,607	707	1,969	1,077	3,576	223
		281	1,362	365	45	1,775	2,056	1,600	3,769	68	241	1,368	4,010	388
		..	54	..	4	257	..	..	..	..	..	..	..	..
		Total	711	2,072	555	72	2,902	3,356	1,970	5,376	775	2,210	2,746	7,586	611
Unreserves.														
Ganjam ..	{ A B C	1	4	..	..	4	5	2	5	..	..	2	5	3
		3	75	..	..	75	78	47	102	23	38	70	140	8
		..	4	..	..	4	..	..	..	..	..	..	..	..
		Total	4	83	..	..	83	83	49	107	23	38	72	145	11
Parla- khinedi.	{ A B C	13	2	..	..	2	15	8	26	1	2	9	28	6
		6	34	..	1	35	41	28	81	3	20	31	101	10
		..	..	..	..	..	..	..	..	..	..	..	..	..
		Total	19	36	..	1	37	56	36	107	4	22	40	129	16
Visaga- patam.	{ A B C	3	31	7	1	39	42	41	46	1	4	42	50	..
		6	69	13	142	224	230	223	494	..	..	223	494	7
		..	..	..	..	..	..	..	..	..	..	..	..	..
		Total	9	100	20	148	263	272	264	540	1	4	265	544	7

A — Cases taken to court.

District.	Cases pending from 1881-82.			New cases of the year.					Disposed of during the year.					Cases pending at close of year.		
	A	B	C	Injury to forest by fire.	Unauthorized 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.	Total cases.	Cases.	Persons.	Convictions.	Aquittals.	Total.	Cases.	Persons.
Upper Godavari.	1	40	..	..	96	..	..	96	97	77	150	4	5	81	155	16
	..	..	..	..	59	..	..	59	99	91	167	..	..	91	167	8
	..	..	..	..	9	..	..	9	..	..	..	..	..	..	..	..
Total	41	..	..	..	164	..	..	164	196	168	317	4	5	172	322	24
Lower Godavari.	10	37	..	2	58	2	1	63	73	48	183	24	67	72	250	1
	..	..	..	13	298	13	45	357	394	236	398	99	131	336	529	59
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	47	..	..	15	356	15	46	420	467	284	581	123	198	407	779	60
Guntur.	39	102	..	..	181	..	12	193	232	175	357	..	..	175	357	57
	..	..	..	25	153	25	7	185	287	182	398	..	..	182	398	105
	..	..	..	..	26	..	..	26	..	..	..	..	..	..	..	..
Total	141	..	..	25	360	25	19	404	519	357	755	..	..	357	755	162
Nellore.	42	43	..	..	134	..	7	141	183	7	9	130	276	137	285	46
	..	..	..	..	356	..	11	367	410	393	540	3	3	336	543	74
	..	..	..	..	33	..	..	33	..	..	..	..	..	..	..	..
Total	(c) 85	..	..	18	523	..	18	541	598	340	549	133	279	473	828	120

[illegible]

Note for Waltair Circle—

(a) Four cases relating to unreserves were erroneously included under reserves last year.

(b) Includes cases pending at the beginning of the year in the Gudum Agency Range brought forward to this return for the first time.

(c) Nine cases classified under (c) have been excluded.

(c) Nine cases classified under (c) have been examined.
 Note.—The differences between the closing balance of 1931-32 and the opening balance of 1932-33 are due to the transfer of cases from one head to another.

Return of Breaches of Forest Rules during 1932-33—cont.

District.	Cases pending from 1931-32	New cases of the year.				Disposed of during the year.				Cases pending at close of year.			
		Injury to forest by fire.	Unauthorized felling or appropriation of forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.	Total cases.	Convictions.			Acquittals.		Total.
								Cases.	Persons.		Cases.	Persons.	
BELLARY CIRCLE—cont.													
Unreserves.													
Ouddapah, North.	112	1	305	169	37	512	220	947	365	967	585	1,914	39
	44	1	347	65	30	443	261	366	29	99	290	465	197
Total	156	2	652	234	67	955	481	1,313	394	1,066	875	2,379	236
Ouddapah, South.	26	2	156	93	4	255	280	153	183	431	253	584	27
	67	..	203	161	9	373	440	747	40	82	393	829	..
Total	92	2	386	254	13	628	720	900	223	513	646	1,413	74
Total, Reserves.	253	4	769	409	69	1,251	1,504	1,593	981	2,395	1,394	3,988	110
	212	3	1,261	602	114	1,980	2,192	3,512	98	260	1,829	3,772	563
Grand Total, A, B and C Reserves.	465	234	2,171	1,011	184	3,600	3,696	5,105	1,929	2,655	3,023	7,760	673
Amantapur.	10	..	141	..	5	146	156	35	107	167	143	217	13
	73	3	297	..	31	331	404	672	2	2	358	674	46
Total	83	3	445	..	36	484	560	722	109	169	501	891	69
Kurnool, East.	1	2	3	..	..	3	4	1	3	7	4	8	..
	..	..	58	..	..	60	60	59	29	48	57	102	3
Total	1	2	61	..	..	63	64	60	32	55	61	110	3

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Kurnool, South.	A	2	10	..	3	13	15	5	9	9	13	14	22	1
		7	48	..	4	52	59	53	104	..	..	53	104	6
		..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	9	58	..	7	65	74	58	113	9	13	67	126	7
Kurnool, West.	A	4	10	9	..	20	24	18	33	4	13	22	46	2
		..	42	4	..	66	66	64	103	..	..	64	103	2
		..	1	..	..	1	..	..	..	..	..	..	..	..
Total	..	4	73	13	..	87	90	82	136	4	13	86	149	4
Ouddapah, North.	A	..	39	..	..	39	39	39	50	..	..	39	50	..
		..	..	..	..	..	..	..	..	..	..	..	..	..
		..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	39	..	..	39	39	39	50	..	..	39	50	..
Ouddapah, South.	A	2	22	..	..	22	24	24	25	..	..	24	25	..
		..	..	..	..	..	..	..	..	..	..	..	..	..
		..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	2	22	..	..	22	24	24	25	..	..	24	25	..
Total, Unreserves.	A	17	164	9	8	182	199	60	93	123	200	183	293	16
		82	526	4	35	670	652	664	1,013	31	45	595	1,058	57
		..	8	..	..	8	..	..	..	..	..	..	..	..
Grand Total of Unreserves A, B & C.	..	99	698	13	43	760	851	624	1,106	154	245	778	1,351	73
Grand Total, Reserves and Unreserves.	A	270	933	418	77	1,433	1,703	523	1,886	1,054	2,595	1,577	4,281	126
		294	1,787	606	149	2,550	2,844	2,095	4,525	1,29	305	2,224	4,830	620
		3	149	..	1	377	..	..	..	..	..	..	..	..
Grand Total of Reserves and Unreserves A, B & C.	..	567	2,869	1,024	227	4,360	4,547	2,618	6,211	1,183	2,900	3,801	9,111	746

Note for Bellary Circle—

A = Cases taken to court.

B = Cases compounded.

C = Cases undetected.

NOTE.—The difference between the closing balance of 1931-32 and the opening balance of 1932-33 are due to the transfer of cases from one head to another.

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Return of Breaches of Forest Rules during 1932-33—cont.

District.	New cases of the year.				Disposed of during the year.				Cases pending at close of year.	
	Injury to forest by fire.				Total new cases of the year.				Total.	
	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.	Cases.	Persons.	Cases.	Persons.
SALEM CIRCLE.										
Reserves.										
Chittoor .. { A .. 59	169	97	10	376	98	289	206	648	304	937
{ B .. 60	198	145	24	367	331	550	19	52	350	602
{ C .. 73	9	..	1	83	..	..	..	..	..	..
Total ..	376	242	35	726	429	839	225	700	654	1,539
Vellore, East. { A .. 68	313	75	11	399	467	311	293	688	427	899
{ B .. 158	515	189	6	710	612	1,048	9	18	621	1,066
{ C .. 4	27	..	..	27	..	..	..	..	..	..
Total ..	855	264	17	1,136	746	1,359	302	606	1,048	1,965
Vellore, West. { A .. 62	286	52	2	340	106	294	(a) 207	500	313	794
{ B .. 49	230	34	4	269	245	433	17	34	262	467
{ C .. 58	25	..	..	83	..	..	..	..	..	..
Total ..	541	86	6	692	351	727	224	534	575	1,261
Salem, North. { A .. 15	94	39	3	136	151	69	115	185	142	254
{ B .. 22	221	87	14	322	244	471	21	49	305	520
{ C .. 7	8	..	..	10	..	..	..	..	..	..
Total ..	318	126	17	468	396	540	136	234	447	774
Salem, Central. { A .. 324	681	86	123	890	1,214	477	694	1,387	910	1,864
{ B .. 58	440	120	52	612	469	784	37	64	506	848
{ C .. 40	29	..	..	69	..	..	..	..	..	..
Total ..	1,150	206	175	1,571	1,684	1,261	731	1,451	1,416	2,712
Total ..	382	40	175	1,571	1,684	1,261	731	1,451	1,416	2,712

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Salem, South. { A .. 111	899	40	11	450	561	259	566	186	367	445	933	118
{ B .. 30	310	73	7	390	420	293	547	19	45	312	592	106
{ C .. 35	27	..	..	62	..	..	..	..	..	..	..	..
Total ..	1,229	113	18	902	981	552	1,113	205	412	757	1,525	224
Abstract for the Circle. { A .. 639	1,942	389	160	2,491	3,130	840	2,006	1,701	3,075	2,441	5,681	589
{ B .. 377	1,914	648	107	2,670	3,047	2,284	3,833	122	262	2,356	4,095	691
{ C .. 4	120	..	1	334	..	..	..	..	..	..	..	..
Total ..	3,976	1,037	268	5,495	6,177	3,074	5,839	1,823	3,937	4,897	9,776	1,280
Chittoor .. { A .. 142	..	1	2	145	145	145	..	..	..	145	215	..
{ B .. 142	..	..	..	..	..	..	..	..	..	..	..	..
{ C .. 142	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	142	1	2	145	145	145	215	..	..	145	215	..
Vellore, East. { A .. 233	356	25	2	383	383	70	152	313	596	383	748	..
{ B .. 233	1,232	74	24	1,330	1,563	1,144	1,901	12	20	1,156	1,921	407
{ C .. 233	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1,588	99	26	1,713	1,946	1,214	2,053	325	616	1,539	2,669	407
Vellore, West. { A .. 27	8	..	..	9	9	1	1	(b) 8	13	9	14	..
{ B .. 27	37	..	3	41	68	62	107	2	3	64	110	4
{ C .. 27	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	45	..	3	50	77	63	108	10	16	78	124	4
Salem, North. { A .. 5	3	..	4	7	12	3	4	(a) 9	15	12	19	..
{ B .. 15	96	..	80	176	191	171	263	2	4	173	267	18
{ C .. 20	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	99	..	84	183	203	174	267	11	19	185	286	18
Salem, Central. { A .. 25	65	..	1	66	91	60	143	24	31	84	174	7
{ B .. 315	476	..	6	482	797	374	753	75	82	449	835	348
{ C .. 340	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	541	..	7	548	888	434	896	99	113	533	1,009	355

A = Cases taken to Court.

B = Cases compounded.

C = Cases undetected.

Note for Salem Circle.

* The difference between the closing balances of previous year and the opening balances of this year are due to transfer of cases from one head to another.

(a) Of these, compounding fees were collected in Court in 8 cases and 1 case was acquitted for want of evidence.

(b) Acquittals on payment of compounding fees in Court.

Return of Breaches of Forest Rules during 1932-33—cont.

District.	Cases pending from 1931-32.	New cases of the year.					Disposed of during the year.					Cases pending at close of year.	
		Injury to forest by fire.	Unauthorized 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.	Total cases.	Convictions.		Acquittals.			Total.
								Cases.	Persons.	Cases.	Persons.		
SALEM CIRCLE—cont.													
Unreserves—cont.													
Salem, South.	A .. + 49 B .. + 175 C	85 646 6	85 831 499	63 729 ..	76 120 ..	139 188 ..	114 619 ..	202 917 ..	20 212 ..				
Total ..	224	737	965	537	196	327	733	1,119	282				
Abstract for the Circle.	A .. 79 B .. 765 C	517 2,629 6	629 3,695 6	172 2,395 ..	430 211 ..	794 297 ..	602 2,606 ..	1,157 4,265 ..	27 989 ..				
Total ..	844	3,152	4,224	2,567	641	1,091	3,208	5,422	1,016				
COIMBATORE CIRCLE.													
Reserves.													
Kollegal.	A .. 14 B .. 10 C	115 192 11	187 314 ..	50 215 ..	118 37 ..	268 126 ..	168 252 ..	375 571 ..	19 62 ..				
Total ..	24	318	501	265	155	394	420	946	81				
Coimbatore, North.	A .. 118 B .. 80 C	284 213 ..	454 275 ..	84 275 ..	197 17 ..	532 45 ..	281 292 ..	843 914 ..	173 63 ..				
Total ..	198	497	809	359	214	578	573	1,757	236				
Coimbatore, South.	A .. 57 B C	79 110 1	146 149 123	13 268 ..	111 12 ..	273 41 ..	124 135 ..	303 304 ..	22 14 ..				
Total ..	57	190	295	136	123	314	259	607	36				

MADRAS.										
Tinnevely.										
Circle.										
Total, Reserves.										
Kollegal.	A 455 B 179 C 193	996 454 3	1,140 592 196	274 276 ..	776 27 ..	2,007 104 ..	1,060 303 ..	2,890 614 ..	545 299 ..	
Total ..	483	1,453	2,197	550	803	2,111	1,353	3,504	844	
Coimbatore, North.	A 62 B 56 C ..	157 217 6	264 363 ..	88	174 288 ..	475 581 ..	212 288 ..	559 581 ..	52 75 ..	
Total ..	108	380	627	38	462	1,056	500	1,140	127	
Coimbatore, South.	A 696 B 179 C 317	1,631 1,186 21	2,646 1,783 ..	459 889 ..	1,376 381 ..	3,555 898 ..	1,835 1,270 ..	4,970 2,984 ..	811 513 ..	
Total ..	875	2,838	4,429	1,348	1,757	4,453	3,165	7,954	1,324	
Unreserves.										
Kollegal.	A 1 B 2 C ..	10 42 1	11 53 ..	.. 39 ..	7	9	7 39 ..	9 57 ..	4 14 ..	
Total ..	6	53	64	39	7	9	46	66	18	
Coimbatore, North.	A 12 B .. C ..	44 87 ..	56 149 ..	40 109 ..	16	29	58 109 ..	97 186 ..	40	
Total ..	12	131	205	149	16	29	165	283	40	
Coimbatore, South.	A .. B .. C ..	1 31 ..	1 44 ..	1 42 ..	.. .. ..	.. .. ..	1 42 ..	3 64 ..	.. .. ..	
Total ..	..	32	45	43	..	..	43	67	2	

A = Cases taken to court.

B = Cases compounded and withdrawn.

C = Cases undetected.

NOTE.—The difference between the closing balance of 1931-32 and the opening balance of 1932-33 is due to the transfer of cases from one head to another.

Note for Salem Circle—

* The differences between the closing balances of last year and the opening balances of this year are due to transfer of cases from one head to another.

† The difference between the closing balances of last year and the opening balances of this year are due to correct and full figures furnished by Revenue Divisional Officers this year.

Return of Breaches of Forest Rules during 1932-33—cont.

District.	Cases pending from 1931-32.	New cases of the year.				Disposed of during the year.				Cases pending at close of year.			
		Injury to forest by fire.				Convictions.					Aquittals.		Total.
		Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in trade in which grazing is prohibited.	Other offences.	Total new cases of the year.	Cases.	Persons.	Cases.	Persons.				
COIMBATORE CIRCLE—cont.													
Unreserved—cont.													
Madura { A .. 81	Total .. 207	184	14	4	202	195	94	155	185	350	98		
B .. 126		814	3	31	348	388	22	25	332	413	142		
C		17	..	1	18	..	..	..	..	..	..		
Tinnevely { A .. 6	Total .. 52	515	17	36	568	533	116	180	517	763	240		
B .. 46		48	..	22	70	22	31	49	44	71	32		
C		321	3	112	436	..	396	506	396	506	86		
Circle { A .. 87	Total .. 52	371	3	134	508	22	427	555	440	577	118		
B .. 190		287	14	38	340	288	148	242	293	530	134		
C		795	7	205	1,012	695	418	531	918	1,226	284		
Total, Unreserved .. 277	Grand Total .. 1,152	1,102	21	244	1,373	983	566	773	1,211	1,756	418		
Reserves .. 875		2,838	591	137	3,894	3,501	1,757	4,453	3,105	7,954	1,324		
Grand Total .. 1,152		3,940	612	381	5,267	4,484	2,323	5,226	4,315	9,710	1,742		
COOTACAMUND CIRCLE.													
Reserved Forests.													
Mangalore, North { A .. 9	Total .. 65	38	..	3	42	96	(g) 2	2	34	101	17		
B .. 56		153	33	14	201	376	(f) 3	3	212	394	45		
C .. 71		..	..	..	71	..	(d) 6	18	..	..	..		
Circle { A .. 65	Total .. 65	191	33	17	314	472	11	23	246	495	62		
B .. 73		..	..	..	..	..	..	..	..	..	..		
C		..	..	..	..	..	..	..	..	..	..		

A = Cases taken to court.

Norm.—The difference between the closing balance of 1931-32 and the opening balance of 1932-33 is due to the transfer of cases from one head to another.

B = Cases compounded and withdrawn.

C = Cases undetected.

A = Cases taken to court.

B = Cases compounded and withdrawn.

Note.—The difference between the closing balance of 1931-32 and the opening balance of 1932-33 is due to the transfer of cases from one head to another.

COOTACAMUND CIRCLE.

Reserved Forests.

FOREST DEPARTMENT										
Mangalore, South { A .. (e) 37	Total .. 86	38	6	6	54	91	60	169	32	27
B .. 49		99	51	23	184	233	132	280	(d) 75	128
C .. 133		..	..	..	133	133	..	..	..	..
Circle { A .. 86	Total .. 86	137	57	29	371	457	192	449	87	165
B .. 9		..	..	2	2	5	2	2	1	8
C .. 1		3	6	6	16	24	15	19	(d) 1	2
Wynad { A .. 3	Total .. 12	..	..	..	..	..	..	..	..	..
B .. 9		..	..	..	..	..	..	..	..	..
C .. 1		..	..	..	..	..	..	..	..	..
Circle { A .. 12	Total .. 12	3	6	7	17	29	17	21	4	12
B .. 7		..	12	..	13	20	19	28	..	19
C .. 8		6	59	6	71	79	58	142	..	3
Nilambur { A .. 16	Total .. 16	..	..	..	..	..	..	..	..	..
B .. 14		42	3	12	59	73	50	148	(g) 5	6
C .. 19		179	39	47	256	285	234	481	(d) 21	37
Palghat { A .. 33	Total .. 33	229	43	59	385	418	284	629	26	43
B .. 4		2	2	14	18	22	18	39	4	10
C .. 241		99	205	433	750	991	526	1,379	39	91
The Nilgiris { A .. 245	Total .. 245	101	207	447	768	1,013	544	1,418	43	101
B .. 74		120	23	37	188	262	178	482	28	63
C .. 382		539	393	528	1,487	1,869	1,171	2,677	143	284
Circle { A .. 74	Total .. 74	8	..	..	264	264	..	..	..	..
B .. 382		..	..	..	..	..	..	..	..	..
C .. 266		..	..	..	..	..	..	..	..	..
Reserves { A .. 466	Total .. 466	667	416	565	1,939	2,395	1,349	3,159	171	347
B .. 291		..	..	..	..	..	..	..	..	..
C .. 466		..	..	..	..	..	..	..	..	..

A = Cases taken to court.

B = Cases compounded.

C = Cases undetected.

(d) Cases withdrawn.

(e) Differences between the closing balance of 1931-32 and the opening balance of 1932-33 are due to the transfer of cases from one head to another.

(f) Acquitted by Magistrate after payment of compounding fees in Court.

(g) Acquitted by Magistrate for want of evidence.

* Two cases transferred to North Mangalore division. One case was transferred to the unreserveds and included in the number of cases received during the year.

Return of Breaches of Forest Rules during 1932-33—cont.

District.	Cases pending from 1931-32.	New cases of the year.				Disposed of during the year.				Cases pending at close of year.				
		Injury to forest by fire.	Unauthorized 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.	Total cases.	Convictions.			Acquittals.		Total.	
								Cases.	Persons.		Cases.	Persons.		Cases.	Persons.
Ootacamund Circle—cont.														
Unreserves.														
Mangalore, North.	(c) 18	..	43	..	4	47	65	26	29	(g) 2	3	42	50	23
	47	..	107	..	39	146	193	143	182	(f) 14	18	149	186	44
	..	..	..	..	..	..	..	..	..	(e) 6	4	..	..	..
Total	65	..	150	..	43	193	258	169	211	22	25	191	236	67
Mangalore, South.	(c) 89	124	11	..	..	135	224	102	134	6	6	108	140	116
	90	83	38	..	19	140	230	180	318	(d) 9	9	189	327	41
	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	179	207	49	..	19	275	454	282	452	16	15	297	467	157
Wynad.	..	4	16	..	..	19	19	18	18	..	..	18	18	1
	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	4	15	..	..	19	19	18	18	..	..	18	18	1
Palghat.	..	3	3	..	..	3	3	3	7	..	..	3	7	..
	7	97	97	..	23	120	327	95	137	16	20	111	167	16
	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	7	100	100	..	23	123	330	98	144	16	20	114	164	16

Total, Unreserves, Ootacamund Circle.	107	124	57	..	4	185	292	131	170	22	27	153	197	139
	144	87	257	..	81	425	569	436	655	31	33	467	638	102
	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	251	211	314	..	85	610	861	567	825	53	60	629	885	241
Total, Reserves, and Unreserves, Ootacamund Circle.	181	132	177	23	41	373	554	309	652	50	90	459	742	195
	526	114	795	393	609	1,912	2,438	1,607	3,332	174	317	1,781	3,649	657
	..	255	8	..	..	264	264	..	..	..	..	..	..	..
Total	707	502	981	416	650	2,549	3,256	1,916	3,984	224	407	2,140	4,391	852
Total, Presidency Reserves.	2,092	19	5,118	1,259	354	6,750	8,842	2,310	7,103	4,743	11,657	7,953	18,760	1,789
	1,431	39	6,262	2,350	865	9,516	10,947	7,425	15,877	812	1,945	8,237	17,822	2,710
	7	1,212	344	1	7	1,564	1,571	..	..	..	..	..	..	..
Total	3,530	1,270	11,724	3,610	1,226	17,830	21,360	9,735	22,980	5,555	13,602	15,290	36,582	4,499
Total, Unreserves.	265	133	2,300	465	147	3,046	3,698	1,329	3,283	1,814	4,012	3,143	7,295	555
	1,630	108	6,512	739	782	8,119	9,749	6,566	12,023	917	1,358	7,483	13,381	2,266
	3	227	247	..	2	476	479	..	..	..	..	..	..	..
Total	2,285	466	9,059	1,205	911	11,641	13,926	7,895	15,306	2,731	5,370	10,826	20,676	2,821
Total of Reserves and Unreserves.	2,744	152	7,418	1,725	501	9,796	12,540	3,639	10,386	6,557	15,669	10,196	26,055	2,344
	3,061	145	12,774	3,089	1,627	17,635	20,696	13,991	27,900	1,729	3,303	15,720	31,203	4,976
	* 10	1,439	591	1	9	2,040	2,050	..	..	..	..	..	..	..
Grand Total, Presidency.	* 5,815	1,736	20,783	4,815	2,137	29,471	35,286	17,630	38,286	8,286	18,972	25,916	57,258	7,320

A = Cases taken to court.

(d) Cases withdrawn.

(e) Differences between the closing balance of 1931-32 and the opening balance of 1932-33 are due to the transfer of cases from one head to another.

(f) Acquitted by Magistrate after payment of compounding fees in Court.

* Revised figures adopted.

B = Cases compounded.

C = Cases undetected.

(g) Acquitted by Magistrate for want of evidence.

ANNUAL FORM No. 31.

Forest Department, Madras Presidency.

Area of Forest Tracts protected from fire during the calendar year 1932.

District.	Forest tracts.	Area protected during the previous year.	During the year under report.			Cost during the year under report.
			Area attempted to be protected.	Fires.	Actually protected.	
<i>Waltair Circle.</i>						
		ACS.	ACS.	ACS.	ACS.	RS.
Ganjam ..	{ Special protection ..	56,042	53,203	844	52,859	2,202
	{ General do. ..	211,881	207,714	12,774	194,940	1,687
	Total ..	267,923	(a) 260,917	13,618	247,799	3,889
Vizagapatam.	{ Special protection ..	78,838	78,605	4,011	74,594	268
	{ General do. ..	17,713	27,695	92	27,603	29
	Total ..	96,551	(b) 106,300	4,103	102,197	297
Parlaki-medi.	General protection ..	111,442	112,875	1,649	111,226	388
	{ Special protection ..	393,551	530,561	73,623	456,938	3,826
		{ General do. ..	1,136	1,140	..	1,140
Godavari, Upper.	Total ..	394,687	531,701	73,623	458,078	3,826
	{ Special protection ..	102,454	116,854	5,790	111,064	818
		{ General do. ..	108,491	109,564	2,307	107,257	302
Godavari, Lower.	Total ..	210,945	(c) 226,418	8,097	218,321	1,120
	General protection ..	330,918	(d) 332,736	5,863	327,378	..
	Nellore ..	{ Special protection ..	109,642	115,029	3,115	111,914	242
{ General do. ..		122,972	123,949	53	123,896	..
Total ..		232,614	238,978	3,168	235,810	242
Total, Waltair Circle.	{ Special protection ..	740,527	894,252	87,383	806,869	7,356
	{ General do. ..	904,553	915,673	22,238	893,435	2,406
	Grand Total ..	1,645,080	1,809,925	109,621	1,700,304	9,762
<i>Bellary Circle.</i>						
Anantapur.	{ Special protection ..	34,755	13,397	91	13,306	38
	{ Early burning ..	18,562	3,924	15	3,909	41
	{ General protection ..	262,185	239,307	20,342	218,965	..
	Total ..	315,502	256,628	20,448	236,180	79
Kurnool, East.	{ Early burning ..	81,326	117,260	82	117,178	586
	{ General protection ..	510,543	487,314	29,667	457,647	200
	Total ..	591,869	604,574	29,749	574,825	786

Note for Waltair Circle—

(a) Excludes 139,152 acres of unprotected forests wherein an extent of 7,281 acres was burnt.

(b) Excludes 65,878 acres of unprotected forests wherein an extent of 489 acres was burnt.

(c) Excludes 119,960 acres of unprotected forests.

(d) Excludes 58,681 acres of unprotected forests, included in Repalle range.

NOTE.—No early-burning operations were undertaken.

Area of Forest Tracts protected from fire during the calendar year 1932—cont.

Area of Forest Tracts protected during the year under report.			During the year under report.				Cost during the year under report.
District.	Forest tracts.	Area protected during the previous year.	Area attempted to be protected.	Fires.	Actually protected.		
Bellary Circle—cont.			ACS.	ACS.	ACS.	ACS.	RS. A
Kurnool, South.	Special protection ..	..	2,300	605	1,695	28	0
	Early burning ..	165,982	204,299	1,560	202,739	442	0
	General protection ..	258,482	218,072	3,705	214,367	18	0
	Total ..	424,464	424,671	5,870	418,801	488	0
Kurnool, West.	Special protection ..	3,888	3,888	..	3,888	20	0
	Early burning ..	4,397	4,494	8	4,486	475	0
	General protection ..	514,632	538,433	54,492	483,941	756	0
	Total ..	522,917	546,815	54,500	492,315	1,251	0
Addapah, North.	Early burning ..	33,565	47,711	3,249	44,462	188	0
	General protection ..	279,620	550,059	40,578	509,481	131	0
	Total ..	313,185	597,770	43,827	553,943	319	0
Addapah, South.	Early burning ..	74,912	104,674	200	104,474	401	0
	General protection ..	319,213	324,507	19,883	304,624	409	0
	Total ..	394,125	429,181	20,083	409,098	810	0
Total, Bellary Circle.	Special protection ..	38,643	19,585	696	18,889	86	0
	Early burning ..	378,744	482,362	5,114	477,248	2,083	0
	General protection ..	2,144,675	2,357,692	168,667	2,189,025	1,514	0
	Grand Total ..	2,562,062	2,859,639	174,477	2,685,162	3,683	0
Salem Circle.							
Chittoor ..	Special protection ..	37,505	38,423	1,846	36,577	408	1
	General do. ..	324,585	331,270	8,883	322,387	..	..
	Total ..	362,090	369,693	10,729	358,964	408	1
Chellore, East.	Special protection ..	94,001	100,998	1,522	99,476	292	8
	General do. ..	188,860	192,773	4,363	188,410	..	..
	Total ..	282,861	293,771	5,885	287,886	292	8
Chellore, West.	Special protection ..	* 83,613	132,181	5,223	126,958	500	5
	General do. ..	* 60,368	60,872	130	60,742	..	..
	Total ..	143,981	193,053	5,353	187,700	500	5
Salem, North.	Special protection ..	63,022	66,434	892	65,542	450	0
	General do. ..	272,887	296,561	52	296,509	..	..
	Total ..	335,909	362,995	944	362,051	450	0
Salem, Central.	Special protection ..	244,058	249,159	1,014	248,145	1,310	4
	General do. ..	204,679	206,432	764	205,668	..	..
	Total ..	448,637	455,591	1,778	453,813	1,310	4

* The areas protected in the previous year in the respective ranges are retained as the ranges did exist though the division itself did not exist in the previous year.

Area of Forest Tracts protected from fire during the calendar year 1932—*cont.*

District.	Forest tracts.	Area protected during the previous year.	During the year under report.			Cost during the year under report.
			Area attempted to be protected.	Fires.	Actually protected.	
		ACS.	ACS.	ACS.	ACS.	RS. A.
<i>Salem Circle—cont.</i>						
Salem, South.	{ Special protection ..	122,466	84,211	270	83,941	778 3
	{ General do. ..	38,068	79,888	252	79,636	..
	Total ..	160,534	164,099	522	163,577	778 3
Total, Salem Circle.	{ Special protection ..	644,665	671,406	10,767	660,639	3,739 5
	{ General do. ..	1,089,347	1,167,796	14,444	1,153,352	..
	Grand Total ..	1,734,012	1,839,202	25,211	1,813,991	3,739 5
<i>Coimbatore Circle.</i>						
Kollegal.	{ Special protection ..	..	..	..	..	..
	{ Early burning ..	2,630	10,175	Nil.	10,175	180 0
	{ General protection ..	546,288	592,748	7,338	585,410	410 0
	Total ..	548,918	602,923	7,338	595,585	590 0
North Coimbatore.	{ Special protection ..	940	1,065	65	1,000	59 0
	{ Early burning ..	22,720	22,750	..	22,750	358 0
	{ General protection ..	490,643	507,104	4,212	502,892	1,047 0
	Total ..	514,303	530,919	4,277	526,842	1,464 0
South Coimbatore.	{ Special protection ..	4,932	38,262	700	37,562	1,846 0
	{ Early burning ..	90	82	..	82	55 0
	{ General protection ..	236,721	207,846	617	207,229	12 0
	Total ..	241,743	246,190	1,317	244,873	1,913 0
Madura ..	{ Special protection ..	85,374	89,492	2,562	86,930	1,944 0
	{ Early burning ..	128,100	129,223	829	128,394	810 0
	{ General protection ..	193,484	194,787	1,773	193,014	..
	Total ..	406,958	413,502	5,164	408,338	2,754 0
Tinnevely.	{ Special protection ..	126,175	135,537	2,912	132,625	413 0
	{ Early burning ..	..	..	..	..	..
	{ General protection ..	104,666	107,400	3,564	103,836	..
	Total ..	230,841	242,937	6,476	236,461	413 0
Circle, Total.	{ Special protection ..	217,421	264,356	6,239	258,117	4,262 0
	{ Early burning ..	† 153,540	162,230	829	161,401	1,408 0
	{ General protection ..	1,671,802	1,609,885	17,504	1,592,381	1,469 0
	Grand Total ..	1,942,763	2,036,471	24,572	2,011,899	7,134 0
<i>Ootacamund Circle.</i>						
Mangalore, North.	{ Early burning † ..	2,823	..	..	..	..
	{ Special protection ..	67,060	68,765	29	68,736	552 0
	{ General do. ..	157,641	198,879	2,041	196,338	86 0
	Total ..	227,524	267,144	2,070	265,074	638 0

* Wrongly shown under special protection last year.

† Includes 2,630 acres wrongly shown under special protection last year.

‡ No early burning.

Area of Forest Tracts protected from fire during the calendar year 1932—*cont.*

District.	Forest tracts.	Area protected during the previous year.	During the year under report.			Cost during the year under report.
			Area attempted to be protected.	Fires.	Actually protected.	
		ACS.	ACS.	ACS.	ACS.	RS. A.
<i>Ootacamund Circle—cont.</i>						
Mangalore, South.	{ Special protection.* ..	282,628	249,697	7,089	242,608	900 0
	{ Early burning ..	47,935	47,935	..	47,935	40 0
Wynaad	{ Special protection ..	111,760	112,646	2,567	110,079	1,108 0
	{ General protection ..	7,507	7,530	8	7,522	..
	Total ..	167,202	168,111	2,575	165,536	1,148 0
Nilambur ..	{ Special protection.* ..	80,284	80,289	37	80,252	3,518 0
The Nilgiris.	{ Special protection.* ..	86,936	87,574	335	87,239	2,546 0
	{ General do. ..	220,684	222,156	2,286	219,870	..
	Total ..	307,620	309,730	2,621	307,109	2,546 0
Palghat ..	{ Special protection.* ..	114,181	116,772	573	116,199	2,511 0
	{ General do. ..	47,333	47,380	99	47,281	..
	Total ..	161,514	164,152	672	163,480	2,511 0
Total, Ootacamund Circle.	{ Early burning ..	50,758	47,935	..	47,935	40 0
	{ Special protection ..	742,849	715,743	10,630	705,113	11,135 0
	{ General do. ..	433,165	475,445	4,434	471,011	86 0
	Grand Total ..	1,226,772	1,239,123	15,064	1,224,059	11,261 0
Total, Presidency.	{ Special protection. † ..	2,384,105	2,565,342	115,715	2,449,627	26,578 0
	{ Early burning ..	† 583,042	692,527	5,943	686,584	3,526 0
	{ General protection ..	6,143,542	6,526,491	227,267	6,299,204	5,475 0
	Grand Total, Presidency ..	† 9,110,689	9,784,360	348,945	9,435,415	35,579 0

* No early burning.

† Revised figures adopted.

ANNUAL FORM No. 32.

Forest Department, Madras Presidency.

Area closed and open to grazing during 1932-33.

Districts	Open to grazing					
	Closed to all animals.		Of all animals except browsers (sheep and goats).			
			Of all animals except goats.		Of all animals except browsers (sheep and goats).	
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.	Part of year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
WALTAIR CIRCLE.						
<i>Reserved Forests.</i>						
Ganjam	42	..	583	..	..	..
Parlakimedi	..	..	..	..	58	..
Vizagapatam	11	..	200	..	..	..
Godavari, Upper	21	..	810	..	..	..
Do. Lower	96	..	† 431	..	..	..
Guntur	57	..	218	..	337	..
Nellore	154	* 187	32	..	..	..
Total ..	381	187	2,274	..	395	..
<i>Reserved Lands.</i>						
Ganjam	..	..	109	..	..	..
Parlakimedi	4	..	172	..	..	..
Vizagapatam	..	..	..	..	..	..
Godavari, Upper	..	..	52	14	..	..
Do. Lower	..	..	63	24	..	..
Guntur	..	..	..	..	..	..
Nellore	..	..	..	..	..	..
Total ..	4	..	396	38	..	..
Grand Total ..	385	187	2,670	38	395	..
BELLARY CIRCLE.						
Anantapur	35	1	365	..	..	..
Kurnool, East	3	3	939	..	..	..
Do. South	34	..	630	..	..	..
Do. West	28	..	826	..	..	..
Cuddapah, North	52	..	882	..	..	..
Do. South	76	..	595	..	..	..
Total ..	228	4	4,237	..	..	..
SALEM CIRCLE.						
<i>Reserved Forests.</i>						
Chittoor	133	..	445	..	..	..
Vellore, East	25	..	442	..	..	..
Do. West	10	..	292	..	..	..
Salem, North	9	22	536	..	..	..
Do. Central	28	..	621	..	..	..
Do. South	5	..	251	..	..	..
Total ..	210	22	2,587	..	..	..

* All kanohas are closed for three months during early rains to allow grass to grow.
 † Includes 136 square miles of inaccessible areas.

Area closed and open to grazing during 1932-33—cont.

Districts.	Open to grazing					
	Closed to all animals.		Of all animals except browsers (sheep and goats).			
			Of all animals except goats.		Of all animals except browsers (sheep and goats).	
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.	Part of year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
SALEM CIRCLE—cont.						
<i>Reserved Lands.</i>						
Chittoor	..	..	..	..	..	..
Vellore, East	..	..	..	..	..	..
Do. West	..	..	..	..	..	..
Salem, North	..	..	6	..	..	..
Do. Central	..	..	30	..	..	..
Do. South	..	..	..	..	..	..
Total ..	..	..	36	..	..	..
COIMBATORE CIRCLE.						
Kollegal	3	..	939	..	..	..
Coimbatore, North	25	..	805	..	..	..
Do. South	241	..	144	..	187	..
Madura	149	..	311	..	..	9
Tinnevely	245	..	153	..	..	..
Total ..	663	..	2,352	..	187	9
OOTACAMUND CIRCLE.						
<i>Reserved Forests.</i>						
Mangalore, North	17	..	400	..	..	..
Do. South	22	..	367	..	..	..
Wynad	2	..	260	..	..	..
Nilambur	108	..	..	..	..	..
The Nilgiris	23	6	452	3	..	..
Palghat	147	..	96	..	10	..
Total ..	319	6	1,575	3	10	..
<i>Reserved Lands.</i>						
Mangalore, South	..	..	1	..	..	..
Nilambur	18	..	..	..	..	..
The Nilgiris	..	..	6	..	..	..
Total ..	18	..	7	..	..	..
Grand Total ..	337	6	1,582	3	10	..
Grand Total, Presidency—						
Reserved Forests ..	1,801	219	10,438	3	3,179	9
Reserved Lands ..	22	..	403	38	36	..
Total ..	1,823	219	10,841	41	3,215	9

ANNUAL FORM No. 33.

Forest Department, Madras Presidency.

Return of Grazing in the State Forests during 1932-33.

Districts.	Grazing on payment—Number of animals.									
	At enhanced or special rates.					At full rates.				
(1)	Buffaloes.	Cows and bullocks.	Sheep.	Other animals.	Fees received.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
WALTAIR CIRCLE.										
Ganjam ..	..	..	..	..	..	(a) 6,214	(a) 39,636	(a) 397	..	9,799
Parlakimedi ..	..	..	..	..	..	(a) 2,295	(a) 3,267	(a) 750	..	1,514
Vizagapatam ..	(b) 224	(b) 2,866	(b) 20	..	1,662	(a) 180	(a) 5,296	(a) 107	..	1,071
Godavari, Upper.	..	..	..	..	..	..	..	..	..	..
Do. Lower.	(c) 6,353	(c) 3,883	(c) 80	..	6,237	(a) 290	(a) 5,471	..	..	(h) 1,342
Guntur ..	(g) 147	(g) 1,695	..	..	1,989	(b) 7,605	(b) 42,325	(b) 49,819	..	(b) 41,222
Nellore ..	..	..	..	..	..	(c) 804	(c) 3,692	(c) 4,254	..	(c) 1,374
	..	..	..	..	..	193	1,428	311	..	(d) 417
	..	..	..	..	..	(k) 30,207	..	..	..	(f) 22,314
Total ..	6,724	8,447	100	..	9,888	17,581	131,225	55,638	..	81,154
Unreserved Lands.										
Rampa ..	5,256	3,760	..	..	5,352	..	..	..	..	..
Grand Total ..	11,980	12,207	100	..	15,240	17,581	131,225	55,238	..	81,154

Return of Grazing in the State Forests during 1932-33—cont.

District.	Grazing on payment—Number of animals— <i>cont.</i>					Grazing free—Number of animals.					Grand total of value at full rates.										
	At privileged rates.					By right under settlement.					During pleasure of Government or otherwise than under settlement.					Grand total of value at full rates.					
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Value of fees at full rates.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Value of fees at full rates.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Value of fees at full rates.	
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
WALTAIR CIRCLE																					
Ganjam ..	..	..	..	..	..	..	(a) 453	(a) 2,213	..	..	585	387	4,458	206	..	1,009	1,585	11,384	..	..	
ariakimedi ..	..	..	..	..	..	..	..	..	..	..	..	(a) 2,217	(a) 24,493	(a) 104	..	5,434	5,434	6,978	..	..	
Vizagapatam ..	(e) 7,275	(e) 50,269	(e) 8,790	..	8,652	12,978	..	..	..	..	..	(a) 947	(a) 12,414	..	..	2,683	2,683	5,416	..	..	
Godavari, Upper.	(d) 544	(d) 14,313	..	..	(d) 929	2,88	..	..	..	..	..	5,556	46,926	10	..	10,883	10,883	23,861	..	..	
Do. Lower.	..	..	..	..	..	..	..	..	..	..	..	740	10,985	..	..	2,337	2,337	13,939	..	..	
Guntur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	45,002	..	..	
Nellore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	(e) 23,260	..	..	
Total ..	7,819	64,582	8,790	..	9,581	15,866	453	2,213	..	..	585	9,847	99,276	320	..	22,337	22,922	1,29,830	..	..	
Unreserved Lands																					
Rampa ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Grand Total ..	7,819	64,582	8,790	..	9,581	15,866	453	2,213	..	..	585	9,847	99,276	320	..	22,337	22,922	1,35,182	..	..	

Note for Waltair Circle—

- (a) Six annas per buffalo, 3 annas per cow or bullock and 1 anna 6 pies per sheep.
 (b) One rupee per buffalo, 8 annas per cow or bullock and 4 annas per sheep.
 (c) Twelve annas per buffalo, 6 annas per cow or bullock and 3 annas per sheep.
 (d) One anna per buffalo or cow.
 (e) Four annas per buffalo, 2 annas per cow or bullock and one anna per sheep.
 (f) Revenue realized by sale of Kanchas by auction. No permits are issued for Kanchas by department.
 (g) One rupee per plough bull.

- (h) Sale-proceeds of grass.
 (k) Kancha revenue converted into number of cow units as per instructions in Chief Conservator's Proceeding No. 335, dated 5th December 1924.
 (e) Excludes Rs. 86 relating to 1933-34 realized during 1932-33, and of an amount of Rs. 48 under E.M.D. wrongly credited to Revenue.

Abstract of animals permitted to graze on payment.
 Buffaloes. Cows and bullocks. Sheep. Total.
 37,380 208,014 65,128 310,522

Return of Grazing in the State Forests during 1932-33—cont.

District.	Grazing on payment—Number of animals.						At full rates.				
	At enhanced or special rates.			At full rates.							
(1)	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	(6)	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.
BELLARY CIRCLE.											RS.
Anantapur ..	..	..	..	..	..	..	{ (a) 489 (a) 17,094 (a) 20,082 (b) 1,298 (b) 11,528 (b) 8,646				14,086 6,918
Kurnool, East.	..	..	..	..	..	..	{ (a) 3,094 (a) 16,923 (a) 35,764 (b) 4 (b) 210 (c) 715 (c) 9,812 (c) 259				19,723 54
Do. South.	..	..	..	..	..	..	{ (a) 3,983 (a) 11,733 (a) 21,551 (b) 1,817 (c) 6,326 (c) 29,725 (c) 36,994				11,372 30
Do. West.	..	..	..	..	..	..	{ (a) 4,702 (a) 22,142 (a) 57,364 (b) 14,623 (c) 462 (c) 22,537 (c) 21,886				14,241 1,817 28,866 4,549
Cuddapah, North.	..	..	..	..	..	..					22,586
Cuddapah, South.	..	..	..	..	..	..					14,623
Total ..	..	..	..	..	..	..	21,107	166,563	202,582	6	3,902 1,55,528

Return of Grazing in the State Forests during 1932-33—cont.

District.	Grazing on payment—Number of animals—cont.						Grazing free—Number of animals.										Grand total of value at full rates.	
	At privileged rates.			By right under settlement.			During pleasure of Government or otherwise than under settlement.											
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Actuals.	Value at full rates.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Value of fees at full rates.	Other animals.	Goats and sheep.	Cows and bullocks.	Buffaloes.	Value of fees at full rates.	Other animals.	Goats and sheep.
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
BELLARY CIRCLE.																		
Anantapur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kurnool, East.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. West.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cuddapah, North.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cuddapah, South.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Note for Bellary Circle—

- I. Anantapur—
 (a) Buffaloes at Re. 1; cows at 8 annas; sheep at 4 annas.
 (b) Buffaloes at 12 annas; cows at 6 annas; sheep at 3 annas.
 II. 3 Kurnool divisions—
 (a) Buffaloes at 12 annas; cows at 8 annas; sheep at 4 annas.
 (b) Buffalo calves at 6 annas; cow calves at 4 annas.
 (c) Buffaloes at Re. 2; cows at Re. 1; sheep at 8 annas.
 (d) Cow calves at 8 annas.
 (e) Penta horse at Re. 1.

III. 2 Cuddapah divisions—

- (a) Buffaloes at 12 annas; cows at 6 annas; sheep at 3 annas.
 (b) Cows at Re. 1
 (c) Cows at 3 annas.
 (d) Cows at 1 anna.

Return of Grazing in the State Forests during 1932-33—cont.

District.	Grazing on payment—Number of animals.					At full rates.					
	At enhanced or special rates.										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Buttaloes.	Cows and Bullocks.	Sheep.	Other animals.	Fees received.	Buttaloes.	Bullocks.	Sheep.	Other animals.	Fees received.
		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Salem Circle.						Rs.					Rs.
Chittoor ..	..	..	..	..	..	..	(a) 69	14,545	5,745	..	8,778
Vellore, East ..	..	..	(e) 4,147	..	..	4,283	(b) 610	34,063	4,995	..	14,168
Do. West ..	..	..	(e) 524	..	..	524	(a) 162	29,050	11,070	..	17,455
Salem, North ..	..	..	..	..	..	..	(a) 241	21,353	3,730	..	11,850
	..	..	..	..	..	..	(e) 1,676	56,947	(b) 2,415	..	30,016
	..	..	..	..	..	..	(f) 142	43,025	8,484	..	453
Do. Central ..	..	..	(e) 9,383	12	53	9,442	(b) 379	..	16,106	..	26,747
	..	..	..	..	..	..	(b) 30	35,584	1,155	2	3,117
Do. South ..	..	..	..	..	..	..	(f) 14	21,178	24,086	..	18,112
	..	..	..	..	..	..	..	(b) 6,283	2,433	..	18,703
Total ..	..	..	14,054	285	53	14,249	3,323	2,62,028	80,361	2	1,52,211

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Return of Grazing in the State Forests during 1932-33—cont.

District.	Grazing on payment—Number of animals—cont.					Grazing free—Number of animals.					During pleasure of Government or otherwise than under settlement.					Grand total of value at full rates.				
	At privileged rates.					By right under settlement.														
	Fees received.					Value of fees at full rates.					Value of fees at full rates.					Value of fees at full rates.				
	Buttaloos.	Cows and Bullocks.	Sheep.	Other animals.	Actual.	Value at full rates.	Buttaloos.	Cows and Bullocks.	Sheep.	Other animals.	Value at full rates.	Buttaloos.	Cows and Bullocks.	Sheep.	Other animals.	Value at full rates.	Buttaloos.	Cows and Bullocks.	Sheep.	Other animals.
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
SALEM CIRCLE.																				
Chittoor ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, East ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. West ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem, North ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. Central ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Note for Salem Circle—

One buffalo = 2 cows = 4 sheep = 2 horses.

(a) Eight annas per cow unit.

(b) Six annas per cow unit.

(c) One rupee per cow unit.

(d) Three annas per cow unit.

(e) Twelve annas per buffalo, eight annas per cow, four annas per sheep.

(f) Nine annas a cow unit.

(g) Grazing assessment for 12,618 cow units at two annas per cow unit in Attur and Harur ranges.

Return of Grazing in the State Forests during 1932-33—cont.

District.	Grazing on payment—Number of animals.										
	At full rates.					At privileged rates.					
	(2) Buttafoes.	(3) Cows and bul-locks.	(4) Goats and sheep.	(5) Other animals.	(6) Fees received.	(7) Buttafoes.	(8) Cows and bul-locks.	(9) Goats and sheep.	(10) Other animals.	Fees received.	
(1)										Actual	Value at full rates.
					RS.					(11)	(12)
COIMBATORE CIRCLE.											
Kollegal	4,683	83,027	5,710	(e) 1 elephant.	(f) 47,652	..	..	..	..	..	..
Coimbatore, North.	3,148	56,659	12,061	..	(f) 35,568	..	(e) 26	..	..	3 4 0	13 0 0
Coimbatore, South.	(a) 283	(b) 7,517	145	(e) 1 elephant.	4,159	..	..	..	..	..	..
Madura.	160	30,000	5,795	..	22,544	..	..	..	..	..	..
Tinnevely	345	11,224	7,699	..	(f) 7,942	..	..	..	..	..	..
Total	8,619	188,427	31,410	2	1,17,865	..	26	..	..	3 4 0	13 0 0

Return of Grazing in the State Forests during 1932-33—cont.

Grazing free—Number of animals.													
District.	By right under settlement.					During pleasure of Government or otherwise than under settlement.							
	(13) Buffaloes.	(14) Cows and bul-locks.	(15) Goats and sheep.	(16) Other animals.	(17) Value of fees at full rates. RS.	(18) Buffaloes.	(19) Cows and bul-locks.	(20) Goats and sheep.	(21) Other animals.	(22) Value of fees at full rates. RS.	(23) Total value of fees at full rates. RS.	(24) Grand total of value at full rates. RS.	
COIMBATORE CIRCLE—cont.													
Kollegal	..	..	..	..	..	..	..	..	..	..	..	47,652	
Coimbatore, North.	..	..	..	..	..	..	..	..	..	..	..	35,571	
Coimbatore, South.	..	(d) 30	..	..	15	..	..	..	..	..	..	4,174	
Madura	686	4,995	350	135	1,659	..	..	..	..	..	..	24,213	
Tinnevely	..	..	..	..	..	..	..	..	..	..	..	7,942	
Total	686	5,025	350	135	1,684	..	..	..	..	..	..	1,19,552	

Note for Coimbatore Circle—

(a) Includes 9 buffaloes at Rs. 2-8-0 each in Punachi Range instead of Rs. 1 (one) only.

(b) Includes 21 bulls and cows at Rs. 2-8-0 each in Punachi Range instead of 8 annas each.

(c) One elephant in South Coimbatore and one in Kollegal at Rs. 1 per day.

(d) Permission granted for free grazing of 30 bulls and cows within the Elumalayan kail enclosure.

(e) One-fourth fee for renewal of lost permits, i.e., at 2 annas per head.

(f) Includes Rs. 1-15-6 in Kollegal, Rs. 1,075 in North Coimbatore and Rs. 60 in South Coimbatore, realized by sale of fodder grass.

Note.—Full or nominal rates for Kollegal, North Coimbatore, South Coimbatore and Tinnevely divisions, at Rs. 1 per buffalo, 8 annas per cow or bullock and 4 annas per sheep.

Madura district.—Part of Kodaikanal Range, at 8 annas a buffalo, 4 annas a cow or bullock and 2 annas a sheep.

Part of Kodaikanal, Palni, Cumbum, Sholavandan, Nattam and Ayyalur ranges excluding old Vayampatti Range at Rs. 1-8-0 a buffalo, 12 annas a cow or bullock and 6 annas a sheep.

Ayyalur Range portion (old Vayampatti Range), at Rs. 2 a buffalo, Rs. 1 for a cow or bullock and 8 annas a sheep.

Return of Grazing in the State Forests during 1932-33—*cont.*
Grazing on payment—Number of animals.

District.	At enhanced rates.					At full rates.					At privileged rates.		
	Buttaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	Buttaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	Buttaloes.	Cows and bullocks.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
OOTACAMUND CIRCLE.													
Reserved Lands.													
North Mangalore division ..	..	..	..	..	..	1,319	13,335	..	..	5,825	..	..	
South Mangalore division ..	..	(a) 17,275	..	..	1,080	2,088	15,581	..	..	7,185	..	..	
Wynaad division ..	..	(b) 5	..	..	25	1,955	3,487	..	(c) 1	3,714	..	..	
Nilambur division ..	..	..	..	..	..	8,042	14,008	2,281	..	5,856	..	..	
Nilgiris division ..	19	518	..	..	278	..	..	..	..	..	..	..	
Do. ..	..	(f) 8,400	23,950	..	153	65	4,323	1,797	(d) 111	2,761	..	..	
Palghat division ..	4	1,237	..	..	1,245	..	..	..	(e) 2	..	..	..	
Total for Reserved lands ..	23	27,435	23,950	..	2,781	13,469	50,834	4,078	114	25,341	..	..	
Nilgiris division (unreserved lands) ..	..	..	..	..	..	..	..	..	..	..	..	..	

Return of Grazing in the State Forests during 1932-33—*cont.*
Grazing on payment—Number of animals—*cont.*

District.	At privileged rates— <i>cont.</i>				By right under settlement.				During pleasure of Government or otherwise than under settlement.				Grand total of value at full rates.		
	Goats and sheep.	Other animals.	Actual.	Value at full rates.	Buttaloos.	Cows and bullocks.	Goats and sheep.	Other animals.	Value of fees at full rates.	Buttaloos.	Cows and bullocks.	Goats and sheep.		Other animals.	Value of fees at full rates.
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
OOTACAMUND CIRCLE— <i>cont.</i>															
Reserved Lands— <i>cont.</i>															
North Mangalore division ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5,825
South Mangalore division ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8,265
Wynaad division.	..	..	..	..	..	..	..	..	76	177	..	..	168	..	8,902
Nilambur division.	..	..	..	..	..	..	..	..	246	232	..	..	136	..	6,423
Nilgiris division ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palghat division ..	..	..	..	..	(e) 499	..	..	499	..	..	..	..	..	..	4,505
Total for Reserved lands ..	..	..	..	..	499	..	..	499	321	409	..	..	299	..	28,920
Nilgiris division (unreserved lands) ..	..	..	..	..	..	..	..	..	1,035	30	..	..	394	..	394

N.B.—Footnotes for the references are printed at page 81.

Return of Grazing in the State Forests during 1932-33—cont.
Grazing on payment—Number of animals.

District.	At enhanced rates.					At full rates.					At privileged rates.		
	(1) Buffaloes.	(2) Cows and bulle.	(3) Goats and sheep.	(4) Other animals.	(5) Fees received.	(6) Buffaloes.	(7) Cows and bullocks.	(8) Goats and sheep.	(9) Other animals.	(10) Fees received.	(11) Buffaloes.	(12) Cows and bul- locks.	
					Rs.								
Total, Presidency Departmental Forests ..	6,747	49,936	24,335	53	26,918	64,099	799,077	374,069	124	5,32,199 0 0	11,918	106,979	
Unreserves ..	..	5,256	3,760	..	5,352	..	..	..	..	..	..	..	
Total, Panchayat Forests ..	997	12,145	6,066	..	13,623	17,690	280,584	423,855	24	2,75,696 0 0	3,386	12,397	
Grand Total, Presidency.	7,744	67,337	34,101	53	45,893	81,789	1,079,661	797,924	148	8,07,895 0 0	15,304	119,376	

RS. A. P.

RS.

Return of Grazing in the State Forests during 1932-33—cont.

District.	Grazing on payment—Number of animals—cont.				Grazing free—Number of animals.											
	At privileged rates—cont.				By right under settlement.				During pleasure of Government or otherwise than under settlement.				Grand total of value at full rates.			
	Fees received.		Value at full rates.		Fees received.		Value at full rates.		Value of fees at full rates.		Value of fees at full rates.		Value of fees at full rates.		Value of fees at full rates.	
	(14) Goats and sheep.	(15) Other animals.	(16) Actual.	(17) Value at full rates.	(18) Buffaloes.	(19) Cows and bullocks.	(20) Goats and sheep.	(21) Other animals.	(22) Value of fees at full rates.	(23) Buffaloes.	(24) Cows and bullocks.	(25) Goats and sheep.	(26) Other animals.	(27) Value of fees at full rates.	(28) Total value of fees at full rates.	(29) Grand total of value at full rates.
Total, Presidency Departmental Forests ..	14,696	12	18,861	43,388	1,775	9,822	4,090	534	6,997	10,265	99,861	320	..	22,858	27,234	6,32,360 0 0
Unreserves ..	..	..	..	..	..	..	..	..	..	1,035	20	..	..	334	..	5,746 0 0
Total, Panchayat Forests ..	24,424	..	12,867	14,276	..	1,011	410	..	684	77	224	..	..	71	..	3,04,349 0 0
Grand Total, Presidency.	39,119	12	31,728	57,663	1,775	10,833	4,500	534	7,681	11,378	100,105	320	..	23,323	27,234	9,42,455 0 0

Note for Ootacamund Circle.

Full rates—
North and South Mangalore division .. 0 10 0 each
Waranas and Palghat .. 1 0 0 each
Nilgiris .. 0 6 0 each
Enhanced rates—
Nilgiris .. 2 0 0
Nilgiris .. 1 0 0
Nilgiris slaughter cattle .. 0 8 0
per 50 per day.

(a) Includes buffaloes. Cattle admitted at the cattle fair at Kalgunda. Till the previous year the full amount at 2 annas per cattle was credited and half of it subsequently refunded to Taluk Board. Since this year, half collection at 1 anna per head of cattle was credited to Forest Department, and the other half to Taluk Board direct instead of subsequently refunding it.
(b) Includes buffaloes. Grazing in Mysore depot compound at Rs. 25 per year.
(c) Elephants.
(d) Asses.
(e) Free grazing to cattle of Irulars of Annakkatty—Paragraph 128 of working plan for Irudagam valley (Chief Conservator's Proceedings No. 294, Press, dated 22nd July 1931).
(f) Slaughter cows and sheep.
Abstract of animals permitted to graze on payments—
Buffaloes
Cows and bullocks
Goats and sheep
Other animals

13,492
78,269
28,028
114
119,903

Abstract of Animals permitted to graze on payment in Reserved Forests and Reserved Lands.

Circle.	Buffaloes.	Bullocks and cows.	Sheep.	Other animals.	Total.
Waltair Circle ..	32,124	204,254	64,528		300,906
Bellary ..	21,107	166,937	202,582	6	390,632
Salem ..	7,422	318,327	86,551	67	412,367
Coimbatore ..	8,619	188,453	31,410	2	228,484
Ootacamund ..	13,492	78,269	28,028	114	119,903
Total, Departmental Forests ..	82,764	956,240	413,099	189	1,452,292
Panchayat Forests ..	22,073	305,126	454,285	24	781,508
Grand Total, Presidency ..	104,837	1,261,366	867,384	213	2,233,800

ANNUAL FORM No. 34-A.

Progress in afforestation and regeneration under Working Plans or Schemes during the year 1932-33.

ANNUAL
Forest Department.

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
WALT AIR CIRCLE.		YRS	ACS.		ACS.
Ganjam	Plains Sal Timber Working Circle.	1930-31 to 1939-40	1,859	Clear felling and natural regeneration	252
	Ravine Working Circle.	1930-31 to 1939-40	803	Clear felling and regeneration, partly natural and partly artificial.	165
Visagapatam	Sal .. Working Circle.	1927-28 to 1961-62	681	Clear felling and natural regeneration.	(b) 110
Godavari, Lower .. .	Kandikuppa Casuarina Plantation Working Circle.	1924-25 to 1938-34	696	Planting seedlings, 7' x 7'.	(a) 544
Nellore	Sriharikota Casuarina Plantation Working Circle.	1929-30 to 1938-39	550	Do.	162
Total ..			4,589		1,232

BELLARY CIRCLE.

Kurnool West Division.

1.	Gundlabrahmeswaram Range.	High Forest Working Circle, Gundlabrahmeswaram series,	10 years.	10 acres each year.	Clear felling and artificial regeneration.	25
2.	Do.	....	..	..	Maintenance of nursery of teak.	..
3.	Nandyal Range	.. High Forest Working Circle, Ramanapenta series,	10 years.	10 acres each year.	Clear felling and artificial regeneration.	25
4.	Do.	.. ....	..	..	Maintenance of nursery of teak.	..
Total ..						50

SALEM CIRCLE

Chittoor	..	Sandal Regenera- tion.	1st April 1932 to 31st March 1933.	102	Sandal seeds to be dibbled by subordi- nates.	40
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Note for Waltair Circle—

(a) Correct area.

(d) *Sal taungya* has been tried as an experiment over an area of 4 acres in sal Coupe V of Palkonda range.

FORM NO. 34-A.

Madras Presidency.

Madras Presidency.
Plans or Schemes during the year 1932-33.

[illegible]

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
SALEM CIRCLE		YRS.	ACS.		ACS.
Chittoor—cont.	Timber Regeneration Compartment I Mamandur.	1st April 1932 to 31st March 1933.	20	Early burning, aeration of soil under red sander mother trees, sowing red sander seeds and cutting climbers.	702.1
Total ..		..	122	..	1,108.1
Vellore, East	Virinchipuram	1888-89 to 1932-33.	Blanks in felled coupes.	Dibbling of seeds of timber species.	283
	Chenur	Do.	Do.	Do.	142
	Kilminnal	Do.	Do.	Do.	104
	Tiruvallam	Do.	Do.	Do.	111
Total ..		..	..	..	640
Salem, Central.	Kurumbapatti palmyra tops.	16 years from 1926-27.	379	Sowing palmyra seeds.	139
	Jalluthu	1927-28.	114	Felling of fuel coupes under simple coppice system. Sowing of seeds of indigenous species in blank areas.	114
	Chitteri Timber	1931-32—1932-33.	5	Planting stumps of teak, Pterocarpus marsupium, and rosewood.	..
	Kottapatti Timber.	Do.	Small plot.	Sowing seeds of Terminalia arjuna, and mangifera indica along banks of streams and Hardwickia binata, Acacia ferruginea, Anogeissus latifolia and Chloroxylon swietenia in coupes felled.	3

Plans or Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
20	722.1	749	..	749	2,773	..	2,773	..	..	
122	1,230.1	749	..	749	2,773	..	2,773	..	..	
..	283	..	..	370	9,552	..	58,539	794	48,500	
..	142	..	..	361	4,623	..	5,699	35	8,012	
..	104	..	..	186	3,157	..	27,841	2,457	28,850	
..	111	..	..	725	7,319	..	62,521	3,105	40,882	
..	640	..	..	1,642	24,651	..	1,55,600	6,391	*11,36,244	
30	169	120	..	120	626	..	626	740	2,104	
..	114	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	
2	5	..	..	..	..	..	..	..	..	

* Revised figures furnished by the District Forest Officer.

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
		YRS.	ACS.		ACS.
SALEM CIRCLE—cont.					
Salem, Central— <i>cont.</i>	Fuel	1931-32 to 1932-33.	Burnt patches.	Sowing seeds of principal fuel and timber species in burnt patches.	108
	Sandal	Do.	10 or 20	Sowing seeds of sandal above 2,000 feet contour by dumping method.	55
	Total ..		508	..	419
Salem, South ..	Timber coupes I to X of experimental regeneration block in coupe II. Jam-buthu felling series.	1932-33 to 1941-42.	144	Sowing seeds of timber species in lines of 12 feet apart.	..
..	Fuel	..	..	..	..
..	Sandal coupes I to VI in 10 sandal series	1932-33 to 1937-38.	600	Direct sowing and planting seedlings of sandal and host plants raised in nursery.	..
	Total ..		744	..	..
	Grand Total ..		1,374	..	2,167.1

COIMBATORE CIRCLE.**COIMBATORE, SOUTH.**

Regeneration area.	Mount Stuart Working Circle.	1919 1921 1922 1923 1924 1925 1926	Clearing, burn- ing and dib- bling teak and other seeds.	29 29 196 194 226 260 251
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Plans or Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.		Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	(17)
Not available.	(a) 108	..	..	..	..	..	..	..	..
42	(a) 104	..	..	..	..	..	..	..	..
81	500	120	..	120	626	..	626	740	2,104
15	15	44	..	44	44	..	44	..	..
53	53	258	..	258	258	..	258	3,784	3,784
68	68	302	..	302	302	..	302	3,784	3,784
271	2,488.1	1,171	1,642	2,813	28,352	1,30,949	1,59,301	10,915	1,42,132
..	29	..	..	..	643	826	1,469	..	1,013
..	29	..	..	..	545	1,267	1,812	..	
..	126	..	..	..	3,358	4,303	7,661	..	
..	194	..	..	..	5,055	5,729	10,784	..	
..	226	..	..	..	6,459	4,883	11,342	..	205
..	260	..	..	..	9,986	6,531	16,517	..	
..	251	..	507	507	15,251	2,305	17,556	..	..

Note for Central Salem—

(a) Done free of cost by subordinates, though the sowings were done in all these areas the result is not satisfactory as most of the seedlings died for want of rain.

Progress in afforestation and regeneration under Working.

Division.	Working circle and block.	Period	Area to be regenerated during the period.	Method of treatment	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
COIMBATORE CIRCLE—cont.					
COIMBATORE, SOUTH—cont.					
		YRS.	ACS.		ACS.
Regeneration area— <i>cont.</i>		1927 ..	..		155
		1928 ..	..		144
		1929 ..	..		151
		1930 ..	..		224
		1931 ..	..		103
		1932 ..	..		92
		1933 ..	49		..
Waterfall Planta- tion.		..	..		12
Experimental Plan- tation at Mount Stuart.		1916 ..	..		5
Experimental Plan- tation at Karian shola.		..	..		1
Experimental Plan- tation at Topship.		..	..		10
Planting Eucalyp- tus seedlings from nursery pits round Topship.		..	..		..
Undersowing <i>Arto- carpus Hiruta</i> .	Mount Stuart Working Circle.	..	..	Clearing, burn- ing and dib- bling teak and other seeds.	..
Formation of <i>Hopea</i> nurseries.		..	..		..
Gap regeneration area.		1931 ..	..		..
Do.		1932 ..	..		..
Do.		1933 ..	..		..
Nursery to provide plants for.		1932 ..	Planting ..		..
Do.		1933 ..	Do. ..		..
Do.		1934 ..	Do. ..		..
Udandy Range.					
Gap regeneration ..		1932 ..	..		..
Do.		1933 ..	..		..

Note for Coimbatore Circle.

Other expenditure during the year—										RS.
Collection of seeds ..	..	..	..	..	..	..	..	..	..	149
Formation of inspection paths ..	..	..	..	..	..	..	..	..	..	314
Planting sign boards ..	..	..	..	..	..	..	..	..	..	6

Plans or Schemes during the year 1932-33—cont.

(7) Area regenerated during the year.	(8) Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			(15) Revenue during the year.	(16) Total revenue to the end of the year.	(17) Remarks.
		(9) Creation.	(10) Tending.	(11) Total including tending and upkeep.	(12) Creation.	(13) Tending.	(14) Total including tending and upkeep.			
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	155	..	..	..	5,405	5,360	10,765	..	..	
..	144	..	182	182	4,124	4,361	8,485	..	..	
..	151	..	236	236	4,133	4,394	8,527	..	..	
..	224	..	341	341	5,848	8,363	14,211	..	..	
..	103	..	726	726	4,134	2,943	7,077	..	..	
..	92	1,381	1,244	2,625	3,406	1,244	4,650	..	..	
49	49	520	..	520	520	..	520	..	..	
..	12	..	..	..	..	..	..	..	..	
..	5	..	..	..	..	78	78	..	167	
..	1	..	..	..	..	93	93	..	..	
..	10	..	..	..	31	..	31	..	..	
..	..	..	..	..	57	..	57	..	..	
..	..	..	..	..	22	..	22	..	..	
..	..	..	..	..	45	..	45	..	..	
..	..	..	13	13	743	13	756	..	..	
..	..	97	..	97	148	..	148	..	..	
..	..	24	..	24	24	..	24	..	..	
..	..	..	2	2	1,153	2	1,155	..	..	
..	..	401	..	401	611	..	611	..	..	
..	..	281	..	281	281	..	281	..	..	
		2,764	3,251	5,955	71,982	52,695	1,24,677	..	1,385	
..	..	401	..	..	598	..	598	..	..	
..	..	201	..	..	201	..	201	..	..	
		602	..	..	799	..	799	..	..	

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
COIMBATORE CIRCLE—cont.		YRS.	ACS.		ACS.
COIMBATORE, SOUTH—cont.					
Regeneration plots in coupes IX and X.	Punachi Working Circle.	..	..	..	5
Two-acre plot in compartment II.		..	..	..	2
Three-acre plot in compartment XV.		..	..	..	5
Regeneration area in compartments XIV and VI.		1924	..	..	25
Ten-acre plot in compartment XV.		..	..	..	10
Regeneration area in compartments XII and XIII.		1925	..	..	25
Periodic block regeneration area.		1926	..	..	25
Do.		1927	..	..	25
Do.		1928	..	..	25
Do.		1929	..	..	25
Do.		1930	..	..	25
Do.		1931	..	..	36
Do.		1932	..	..	25
Do.		1933	27	..	..
COIMBATORE, NORTH.					
Mettupalaiyam range.	Manaar Sandal Working Circle.	..	..	Dibbling sandal seeds.	132
Jaccaneri Sandal compartment	..	..	..	Do.	108
Minchuguly Podu regeneration.	..	..	..	..	..

Plans or Schemes during the year 1932-33—cont.

Area regenerated during theyear.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure up to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.			
..	5	..	..	..	86	128	214	..	..	
..	2	..	..	..	75	126	201	..	..	
..	8	..	..	..	146	98	244	..	..	
..	25	..	60	60	524	1,346	1,870	..	..	
..	10	..	..	..	245	404	649	..	..	
..	25	..	..	..	431	25	456	..	..	
..	25	..	12	12	327	155	482	..	..	
..	25	..	14	14	22	212	234	..	..	
..	25	..	18	18	185	161	346	..	..	
..	25	..	25	25	160	97	257	..	..	
..	25	..	76	76	200	174	374	..	..	
..	36	..	84	84	190	192	382	..	..	
..	25	116	116	232	251	116	367	..	..	
27	27	144	..	144	144	..	144	..	..	
		260	405	665	2,986	3,234	6,220	..	..	
..	132	..	..	..	69	75	144	..	..	
..	108	..	..	..	30	..	30	..	..	
10	10	419	..	419	419	..	419	..	..	

* Excludes the following expenditure—

Sandal sowing on either side of Aliar road	..	..	..	35
Climber cutting and rootwounding rosewood trees in compartment II.	..	..	..	10
Tending operations in compartments 7, 8 and 9	..	..	..	130
Collection of seeds	..	..	..	34

Total .. 209

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
			ACS.		ACS.
COIMBATORE CIRCLE—cont.					
MADURA.					
Vannathiparai Cumbum Valley experimental scheme.	..	5 years (1927-28 to 1932-33).	..	Artificial regeneration of teak, rose-wood, etc.	28
TIRUNELVELLY.					
Kuttalam Working Circle, coupes VII and XIII.*	..	..	..	..	13
Total ..	..	..	76	..	2,544
OOTACAMUND CIRCLE.					
Mangalore, North.	Catechu Working Circle—				
	Baindur coupes I and II.	1926-27	375 acres of coupe I of Baindur.	Fencing and sowing <i>Acacia</i> sundra and at stakes in filled pits 1' x 1' x 10".	120 acres (51 acres in coupe I and 69 acres in coupe II).
	Baindur coupe II.	1927-28	580	Do.	76
	Baindur coupe III.	1928-29	550	Do.	13½
	Wandse coupe III.	1928-29	1,030	Do.	40 acres in Mudare gudda reserved forest and 36 acres in Hon-nukoddu reserved forest.
	Wandse coupe IV.	1929-30	1,470	Do.	34
	Baindur coupe V.	1931-32	33	Do.	33
	Baindur coupes V and VI.	1931-32	36	Do.	36

* Omitted in last year's return.

Plans or Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	28	..	148	148	1,296	515	1,811	..	3,753	
..	13	..	..	..	105	..	105	..	..	
86	2,630	3,985	3,804	7,789	77,686	56,519	1,34,205	..	5,138	
..	120	..	9	9	352	468	820	..	..	
..	76	..	10	10	396	428	824	..	..	
..	13½	..	..	..	86	103	189	..	..	
..	40	..	20	20	229	114	373	..	..	
..	36	..	22	22	211	156	367	..	..	
..	34	..	20	20	307	99	406	..	..	
..	33	..	42	42	180	42	222	..	..	
..	36	..	47	47	197	47	244	..	..	

Progress in afforestation and regeneration under Working

Division	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
OOTACAMUND CIRCLE—cont.			ACS.		ACS.
Mangalore, North	Catechu Working Circle—cont.				
—cont.	Herur reserved forest.	1932-33	5	Cutting lines 3' wide and 2' apart from pitting 1' X 1' X 6" and sowing.	..
	Clear Felling Working Circle—				
	Megani valley coupe I.	1932-33 and 1933-34	20	Clearing and burning.	..
	Plantation Working Circle—				
	Someshwar reserved forest.	1920-21 and 1927-28	659	Sowing of Hopea wild jack and Dhupa in prepared patches.	659
	Jathatmale reserved forest.	1920-21 and 1921-22	1,139.10	Sowing of Hopea and Dhupa.	1,139.10
	Halesomeshwar reserved forest.	1922-23, 1924-25 and 1926-27.	1,744	Do.	1,744
	Total ..	..	7,641.10	..	3,929.10
Mangalore, South	Timber Working Circle—Kasaragod felling series—				
	Partially regenerated group—				
	Alletti west reserved forest (Devaxaji compartment 8).	1929-30 and 1930-31.	232	Natural regeneration of Hopea over 76 acres and artificial regeneration with Hopea and Artocarpus over 156 acres.	232

Plans or Schemes during the year 1932-33—cont.

Table 2. Schemes during the year.										
(7) Area regenerated during the year.	(8) Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			(15) Revenue during the year.	(16) Total revenue to the end of the year.	(17) Remarks.
		(9) Creation.	(10) Tending.	(11) Total including tending and upkeep.	(12) Creation.	(13) Tending.	(14) Total including tending and upkeep.			
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.			
5	5	37	..	37	37	..	37	..	..	
20	20	423	..	423	423	..	423	..	..	
..	659	..	360	360	2,593	2,289	4,882	..	..	
..	1,139.10	..	359	359	3,122	6,048	9,168	..	..	
..	1,744	..	239	239	7,254	5,582	12,836	..	..	
25	3,954.10	460	1,128	1,588	15,387	15,404	30,791	..	..	
..	232	..	..	..	912	65	977	..	..	

* Tending by beat guard free

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
OOTACAMUND CIRCLE— <i>cont.</i>		YES.	ACS.		ACS.
Mangalore, South— <i>cont.</i>	Timber working circle—Kasaragod felling series—Partially regenerated group— <i>cont.</i>				
	Alletti east reserved forest (Kurlekadu), compartment 2.	1930-31	12	Natural regeneration of Hopea.	12
	Alletti east reserved forest (Chonapadimalai).	1931-32	63	Artificial regeneration of Hopea mainly and Ayini over 23 acres and natural regeneration of Hopea over 40 acres.	63
	Pattur felling series A—Partially regenerated group—Nalkur reserved forest, compartment 1 (Kattamarbettu).	1925-30	1,106	Natural regeneration of existing Hopea.	1,106
	Uppinangady felling series—Partially regenerated group—				
	Mujur reserved forest, compartment 1, coupe XIV.	1930-31	166	Artificial regeneration of Hopea mainly and with teak and vengai.	166
	Mujur reserved forest, compartment 1, coupe XV.	1931-32	83	Artificial regeneration by Hopea mainly and Artocarpus hirsuta.	83

Plans of Schemes during the year 1932-33—*cont.*

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.		RS.	RS.	RS.	RS.	RS.			
..	12	..	..	..	..	36	36	..	..	
..	63	..	11	11	212	11	223	..	..	
..	1,106	..	..	..	..	8,730	8,730	..	..	†
..	166	..	22	22	275	72	347	..	..	
..	83	..	23	23	132	23	155	..	..	

* Area revised on actual survey.
† Revised area as per working plan.
‡ Revised area as per actual survey.

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
		YRS.	ACS.		ACS.
OOTACAMUND CIRCLE—cont.					
Mangalore, South— cont.	Puttur felling series —Group to be regenerated—				
	Nalkur reserv- ed forest, compartment 1, coupe I.	1932-33	191	Natural re- generation of evergreen species.	..
	Jalsur East reserved forest.	1926-27	189	Do	189
	Plantation working circle—Planta- tions—				
	Parappa reserv- ed forest, compartment 5.	1930-31	30	Artificial re- generation of teak.	30
	Parappa re- served forest, compartment 6.	1924	16	Artificial re- generation of teak, etc.	16
	Parappa re- served forest, compartment 8.	1926-27	23	Do.	23
	Parappa re- served forest, compartment 9.	1929	16	Artificial re- generation of Artocarpus and Melia dubia.	16
	Sampaje re- served forest, coupe II.	1930-31	22-50	Artificial re- generation with teak.	22-50
	Sampaje re- served forest, coupes III and IV.	1931-32	16-25	Do.	16-25
	Alletti West old teak kumries.	..	87	Do.	..
	Medinadka West old teak kumries.	..	47	Do.	..

Plans or Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.			
191	191	..	111	111	..	111	111	..	..	
..	189	..	..	..	289	4,778	5,067	..	..	*
..	30	..	29	29	900	514	1,414	..	..	
..	16	..	6	6	99	129	228	..	..	
..	23	..	..	..	407	275	682	..	..	
..	16	..	24	24	617	219	836	..	..	
..	22-50	..	44	44	948	249	1,197	..	..	
..	16-25	..	68	68	598	75	673	..	..	
87	87	..	10	10	..	10	10	..	..	
47	47	..	10	10	..	10	10	..	..	

* Revised area as per working plan.
† Revised area as per survey.



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Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
		YRS.	ACS.		ACS.
OOTACAMUND CIRCLE—cont.					
Mangalore, South— cont.	Plantation working circle—Plantations under shelterwood—				
..	Parappa reserved forest, compartments 1 and 2.	1922-25	526	Artificial regeneration with ever-green species.	526
..	Parappa reserved forest, extensions 1 and 2.	1922-25	47	Do.	47
..	Parappa reserved forest, compartment 3.	1922-25	188	Do.	188
..	Parappa reserved forest, compartment 4.	1922-25	171	Do.	171
..	Parappa reserved forest, compartment 5.	1922-25	113	Do.	113
..	Parappa reserved forest, compartment 6.	1922-25	230	Do.	230
..	Parappa reserved forest, compartment 7.	1922-25	239	Do.	239
..	Parappa reserved forest, compartment 8.	1922-25	206	Do.	206
..	Parappa reserved forest, compartment 9.	1922-25	140	Do.	140
..	Parappa reserved forest, compartment 10.	1922-25	195	Do.	195
..	Total of compartments 1 to 10.	..	2,055	..	2,055

Plans or Schemes during the year 1982-83—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
(7)	(8)	Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.	(15)	(16)	(17)
	ACS.		RS.	RS.	RS.	RS.	RS.			
..	526	..	..	..	..	..	..	..	..	..
..	47	..	18	18	..	..	..	..	..	..
..	188	..	117	117	..	..	..	..	..	..
..	171	..	104	104	..	..	..	..	..	..
..	113	..	109	109	..	..	..	..	..	..
..	230	..	..	..	..	..	..	..	..	..
..	239	..	106	106	..	..	..	..	..	..
..	206	..	116	116	..	..	..	..	..	..
..	140	..	64	64	..	..	..	..	..	..
..	195	..	78	78	..	..	..	..	..	..
..	2,055	..	712	712	5,456	6,659	12,115	..	..	..

Progress in afforestation and regeneration under Working

Division	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
ACR.		YRS.	ACR.		ACR.
OOTACAMUND CIRCLE—cont.					
Mangalore, South—cont.	Plantation working circle—Plantations under shelterwood—cont.				
..	.. Mandikole reserved forest.	1931-32	57	Artificial regeneration with Hopea and Ayini.	57
..	.. Jalsur East reserved forest, compartments 1 and 2.	1919 and 1921-22.	252	Artificial regeneration of Hopea undergrowth existing.	252.
..	.. Porkala reserved forest, compartment 1.	1920-21	217	Artificial regeneration with evergreen species, mainly Hopea.	217
..	.. Do.	1921-22	20	Do.	20
..	.. Do.	1922-23	475	Do.	475
..	.. Do.	1924-25	50	Do.	50.
..	.. Padnur reserved forest, compartment 1.	1920-21	204	Do.	204
..	.. Do.	1921-22	30.	Do.	30.
..	.. Do.	1922-23	409	Do.	409
..	Total of Porkala and Padnur reserved forests.	..	1,405	..	1,405
..	.. Mundaje kap reserved forest, compartments 1 and 2.	1926-27	277	Artificial regeneration of Hopea.	277
..	.. Do.	1927-28	182	Do.	182.
..	.. Clear felling experimental working circle—				
..	.. Thodikan felling series, coupe I.	1933-34	11.50	Artificial regeneration with teak.	..

Plans or Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.		Expenditure to the end of the year.		Revenue during the year.	Total revenue to the end of the year.	Remarks
		Creation.	Tending	Creation.	Tending.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ACR.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	(16)
..	57	..	16	16	182	16	198	..
..	252	..	..	..	1,541	2,695	4,236	..
..	217	..	75	75	..	..	..	..
..	20	..	18	18	..	..	..	..
..	475	..	..	..	..	..	..	..
..	50	..	..	..	..	..	..	..
..	204	..	88	88	..	..	..	..
..	30	..	12	12	..	..	..	..
..	409	..	..	..	..	..	..	..
..	1,405	..	193	193	6,520	7,177	13,697	..
..	277	..	220	220	1,725	960	2,685	..
..	182	..	..	..	624	297	921	..
..	..	109	..	109	109	..	109	..

* Revised area as per working plan.

† Climber cutting done free of cost by subordinates.

‡ Tending done by forest guards free of cost.

§ Climber cutting done free of cost.

¶ Regeneration to be done in 1933-34.

Progress in afforestation and regeneration under Working

Division	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
OOTACAMUND CIRCLE—cont.		YRS.	ACS.		ACS.
Mangalore, South—cont.	Clear felling experimental working circle—cont.				
	Adoor felling kumrie series, coupe I (a).	1932-33	31	Artificial regeneration with teak.	..
	Adoor felling kumrie series, coupe I (b).	1932-33	35.25	Artificial regeneration with teak and rose-wood.	..
	Aletti kumrie felling series, coupe I.	1932-33	36	Artificial regeneration with teak.	..
	Bantamale felling series, coupe I.	1933-34	10	Do.	..
	Fuel working circle—Muliar-Karadka felling series—				
	Muliar reserved forest, coupe XIX, old.	1932-33	53	Artificial regeneration in blanks and patches and tending natural regeneration.	..
	Hopea improvement working circle—				
	Devachalla reserved forest, coupe I.	1933-34	100	Tending of natural hopea.	..
	Dharmastala Mundaje reserved forest, coupe I.	1933-34	115	Do.	..
	Total ..	..	6,869.50	..	6,152.75

Plans or Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
(7)	(8)	Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.			
31	31	264	..	264	264	..	264	..	..	
35.25	35.25	556	..	556	556	..	556	..	..	
36	36	408	..	408	408	..	408	..	..	
..	..	104	..	104	104	..	104	..	..	
53	53	..	29	29	..	29	29	..	..	*
..	..	..	7	7	..	7	7	..	..	†
..	..	..	10	10	..	10	10	..	..	†
480.25	6,633	1,441	1,545	2,986	22,878	33,157	56,035	..	..	

* Artificial regeneration to be done in 1933-34.

† Actual tending work will be done in 1933-34. The amount shown relates to expenses incurred for demarcation.

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
OOTACAMUND CIRCLE—cont		YRS.	ACS.		ACS.
Wynaad	Experimental working circle, Begur and Chedleth ranges.	1892-93 to 1929-30	(a) 1,551	Regular planting or Taungya planting.	1,392.50
	Cultural operations in Begur and Chedleth ranges.	No specific prescription in the working plan.	..	Patch regeneration by dibbling seeds.	227
	Clear-felling working circle in Begur and Chedleth ranges.	1929-30 to 1938-39	(a) 1,500*	Concentrated regeneration by stump planting.	298
	Selection felling working circle, felling series I and III, Begur and Chedleth ranges.	1929-30 to 1938-39	(a) 6,924*	Patch regeneration by dibbling and strip planting.	(e) 1,318
	Selection felling working circle, felling series I.	No specific prescriptions in the working plan.	..	Taungya planting.	(h) 35.50
	Improvement felling working circle in Sultan's Battery range.	Do.	..	Taungya planting and dibbling.	(i) 10*40
	Do.	Do.	..	Patch planting and dibbling.	2
	Ponam working circle in Kannothe range.	Plantations opened before the introduction of the working plan between 1876 and 1926.	..	Regular planting and Taungya planting.	† 627
	Do.	Cultural operations in Ponam working circle conducted before introduction of the working plan.	..	Patch regeneration by dibbling Aijini at Kannothe in 1927.	

* Planting to be completed only by 1938-39.

Plans or Schemes during the year 1932-33—cont.

(7) Area regenerated during the year.	(8) Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			(15) Revenue during the year.	(16) Total revenue to the end of the year.	(17) Remarks.
		(9) Creation.	(10) Tending.	(11) Total including tending and upkeep.	(12) Creation.	(13) Tending.	(14) Total including tending and upkeep.			
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	1,392.50	..	1,407	1,407	58,386	58,381	1,16,767	5,116	89,309	
(b) 227	..	..	..	..	1,924	160	2,084	..	..	
(c) 78.50	376.50	(d) 3,655	2,890	6,545	21,183	4,961	26,144	..	..	
(f) 1,318	(g) 283	..	157	440	1,182	169	1,351	..	..	
..	..	..	..	..	..	..	..	..	..	
..	35.50	..	177	177	177	417	594	..	..	
..	10.40	..	13	13	107	141	248	..	..	
..	2	..	22	22	67	130	197	..	..	
..	627	..	6	6	(j) 2,186	(k) 10,771	12,957	..	5,832	
..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	11	12	23	..	..	

† In the case of some of the old plantations at Kannothe there are some differences in the areas noted in the working plan and in the plantation journal. They are being reconciled. Pending reconciliation the areas noted in the return for 1931-32 (Form 84-B) are adjusted here.

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
OOTACAMUND CIRCLE—cont.		YRS.	ACS.		ACS.
Wynaad—cont.	Ponam working circle in Kannothe range.	1933-34 to 1942-43	(a) 424*	Tungya planting and dibbling.	..
	Selection working circle in Kannothe range.	Cultural operations in selection working circle carried out before introduction of working plan in 1930-31.	..	Patch regeneration by dibbling and planting.	† 2,452
	Do.	1932-33 to 1941-42	(a) 8,508 ‡	Do.	..
	Total ..		18,907		6,366.40
Nilambur ..	Plantation working circle.	1928-29 to 1937-38	1,289.9	Artificial ..	704.1
	Conversion working circle.	Do.	2,209	Do. ..	716.6
	Beypore coconut tops.	1932-33	..	..	..
	Total ..		3,498.9		1,420.7
The Nilgiris ..	Mudumalai clear-felling working circle.	1927 to 1937	300	Artificial regeneration of teak.	97.5
	Do.	Do.	105 (one-acre plot).	Dibbling sandal seed.	11
	Sandal area, Begur range.	..	..	Do.	0
	Sandal area, Oonoor range.	1932-33	1	Do.	..

* Planting to be completed only by 1942-43.

† Only selected gaps were regenerated.

‡ Planting to be completed only by 1941-42 in selected gaps

Plans or Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	(d) 188	..	183	(m) 192	..	192	..	..	
..	2,452	..	53	53	285	89	374	..	..	
350 gaps in an area of 608 acres in selection coupe I. part.	680 (m) 246	..	..	246	246	..	246	..	..	
758.50	7,124.90	4,372	4,725	(o) 9,097	85,946	75,231	1,61,177	5,116	45,141	
72.8	776.9	8,417	..	3,417	26,216	..	26,216	..	..	
177.5	894.1	6,337	..	6,337	48,784	..	48,784	..	..	
..	..	..	686	686	884	18,165	19,049	..	..	
250.3	1,671	9,754	686	10,440	75,884	18,165	94,049			
40	137.6	1,969	347	2,316	7,021	949	7,970	118	2,567	
15	26.0	89	57	146	313	134	447	..	..	
..	80	..	..	..	201	68	269	..	..	
..	81	14	..	14	263	68	331	..	..	

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
OOTACAMUND CIRCLE—cont.					
The Nilgiris—cont.					
	Nilgiris plantations and Arambay, Block V, compartment 17 B.	1932-33	..	Dibbling sandal seed.	8.7
	Baikie, Block IV, compartment I.	..	..	..	1.5
	Snowdon, Block III, compartment 2 B.	..	..	..	4.5
	Snowdon, Block III, compartment 3.	..	..	..	1
	Brooklands, compartment 3.	..	..	Artificial regeneration by planting <i>Eucalyptus anguinoides</i> .	5
	Springfield, compartment 2.	..	..	Do.	5.2
	Springfield, compartment 3.	..	..	Do.	5.2
	Springfield, compartment 4.	..	..	Do.	5.8
	Springfield, compartment 5.	..	..	Do.	5.8
	Coonoor Peak, Block II, compartment 2 A.	..	..	Artificial regeneration by planting <i>Eucalyptus globulus</i> .	3.2
	Governorshole, Block IV, compartment 4.	..	..	Do.	6.4

(a) Total area provided in the working plan.

(b) Patch regeneration done in Begur and Chedleth ranges from 1914-15 to 1921-22. Shown in this form as the patches lie in the area covered by the working plan.

(c) The area of 1932 plantation compartment 6, Chedleth was on actual survey found to be only 35 acres though it was taken as 40 acres in the return for 1931-32 (column 11).

(d) Includes Rs. 744 cost of nursery and Rs. 1,866 cost of rubbish felling, burning, etc., over 101 acres of 1933 regeneration area in Begur and Chedleth ranges.

(e) The area of selection coupe I, Boothakkal, Begur range, was on actual survey found to be 325 acres though it was taken as only 260 acres in the selection for 1931-32 (column 8).

(f) During 1932-33, some new patches in selection coupe I alone in both Begur and Chedleth ranges were regenerated instead of taking up selection coupe III as felling in selection coupe III were not complete during 1932-33. The areas of selection coupes I in both the ranges have already been included in the area noted in column 6 and so not shown again in column 7.

(g) Includes Rs. 165 spent during 1932-33 for preparing patches in selection coupes III in Begur and Chedleth ranges (240 plus 191) 431 acres.

Plans of Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
	ACS.	RS.	RS.	RS.	RS.	RS.	RS.			
..	3.7	..	..	..	95	12	107	..	..	
..	1.5	..	..	..	27	..	27	..	..	
..	4.5	..	..	..	4	..	4	..	..	
..	1	..	..	..	10	..	10	..	..	
..	5	..	..	..	211	33	244	..	..	
..	5.2	..	..	..	45	28	173	..	..	
..	5.2	..	22	22	141	45	186	..	..	
..	5.8	..	8	8	120	37	157	..	..	
..	5.8	..	8	8	125	38	163	..	..	
..	3.2	..	..	..	36	..	36	..	..	
..	6.4	..	..	..	52	..	52	..	..	

(h) The area of 1930 Belagole tuckle is only 28.50 acres but was taken as 29 acres wrongly in arriving at the area noted in column 8 of the return for 1931-32.

(i) The area of 1930 Muthanga sandal plantation is 1.40 acres but was wrongly taken as only 1 acre in arriving at the area noted in column 8 of the return for 1931-32.

(j) Inclusive of Rs. 10 on one experimental plantation charged to 8 (b) F. Other charges—Voted—Miscellaneous.

(k) Inclusive of Rs. 16 on one experimental plantation charged to 8 (b) F. Other charges—Voted—Miscellaneous.

(l) Represents expenditure during 1932-33 on nursery opened for 1933-34 planting in Tungya coupe I.

(m) Includes Rs. 4 spent during 1931-32 for laying out Tungya coupe I.

(n) Includes Rs. 62, cost of nursery opened for 1933 gap regeneration.

(o) The total expenditure under 8 (b) E (1) Regeneration during 1932-33 is Rs. 9,320. An expenditure of Rs. 223 towards supply of seeds to other divisions, repairs to coolie lines, fencing botanical garden, etc., has been excluded from this statement.

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
OOTACAMUND CIRCLE—cont.		YRS.			ACS.
The Nilgiris—cont.	Governorshole, Block IV, compartment 1.	..	..	Artificial regeneration by planting <i>Eucalyptus globulus</i> .	10
	Cairnhill, Block I, compartment 9 (b) i.	..	..	Do.	3.4
	Marimund, Block III, compartment 1.	..	..	Do.	3.7
	Aramby, Block VII, compartment 3 (a).	..	..	Do.	3
	Brooklands, compartment 4.	..	..	Do.	5.3
	Coonoor Peak, Block II-2, compartment 2 B.	1932-33	..	Do.	3.2
	Tigerhill reserved forest.	Do.	..	Do.	12
	Bleakhouse, compartment 1.	Do.	..	Artificial regeneration by planting <i>Eucalyptus pillularis</i> .	7.6
	Aramby, Block VII, compartment 3 (b).	Do.	..	Artificial regeneration by planting <i>Eucalyptus globulus</i> .	3
	Cairnhill, Block I, compartment 9 (b) ii.	Do.	..	Do.	3.5
	Brooklands, compartment 5.	Do.	..	Artificial regeneration by planting <i>Eucalyptus pillularis</i> .	5.8
	Aramby, Block VII, compartment 3 (c).	Do.	..	Artificial regeneration by planting <i>Eucalyptus globulus</i> .	3.70
	Cairnhill, Block I, compartment 4 (a) i.	Do.	..	Do.	3.40
	Coonoor Peak, Block II, compartment 2 (c).	Do.	..	Do.	3.16

Plans or Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
	ACS.	RS.	RS.	RS.	RS.	RS.	RS.			
..	10	..	..	..	178	32	210	..	..	
..	3.4	..	..	..	45	2	47	..	..	
..	3.7	..	..	..	42	6	48	..	..	
..	3	..	..	..	46	4	50	..	..	
..	5.3	..	28	28	195	329	524	..	..	
..	3.2	..	..	..	38	..	38	..	..	
..	12	..	4	4	167	46	213	..	..	
..	7.6	..	1	1	170	44	214	..	..	
..	3	..	..	..	33	1	34	..	..	
..	3.5	..	..	..	41	1	42	..	..	
..	5.8	..	31	33	304	109	413	..	..	
..	3.70	..	..	..	62	..	62	..	..	
..	3.40	..	..	..	40	..	40	..	..	
..	3.16	..	26	26	33	26	..	..	..	

Progress in afforestation and regeneration under Working

Division	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
OOTACAMUND CIRCLE—cont.		YRS.	ACS.		ACS.
The Nilgiris—cont.					
	Brooklands, compartment 6.	1932-33 ..	..	Artificial regeneration by planting <i>Eucalyptus pillularis</i> .	6
	Bleakhouse, compartment 2.	Do. ..	..	Do.	6.37
	Aramby Block VII, compartment 4 (a).	Do. ..	2.36	Artificial regeneration by planting <i>Eucalyptus globulus</i> .	..
	Cairnhill, Block I, compartment 4 (a) 1.	Do. ..	5.10	Do.	..
	Governorahola, Block IV, compartment 3.	Do. ..	6.20	Do.	..
	Brooklands, Block I, compartment 7.	Do. ..	3.40	Do.	..
	Coonoor Peak, compartment 21.	Do. ..	1	Do.	..
	Coonoor Peak, compartment 38.	Do. ..	2	Do.	..
	Bleakhouse, compartment 3.	Do. ..	6.20	Artificial regeneration by planting <i>Eucalyptus pillularis</i> .	..
	Rallia, compartments 13 and 14.	Do. ..	15.98	Artificial regeneration by planting <i>Eucalyptus globulus</i> .	..
	Total ..		446.24	..	3,421.03
Palghat	Pole working circle, Block I, compartment III.	1926-27	181.27	Stamp planting of one year old stumps.	181.27
	Pole working circle, Block II, coupe I, compartment 8 (Part).	1927-28	112	Do. ..	112

Plans or Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	6	..	22	22	57	22	79	..	..	
..	6.37	..	1	1	90	1	91	..	..	
2.36	2.36	47	..	47	47	..	47	..	..	
3.10	3.10	36	..	36	36	..	36	..	..	
6.20	6.20	92	..	92	92	..	92	..	..	
3.40	3.40	40	..	40	40	..	40	..	..	
1	1	11	..	11	11	..	11	..	..	
2	2	10	..	10	10	..	10	..	..	
6.20	6.20	123	..	123	123	..	123	..	..	
15.98	15.98	235	..	235	235	..	235	..	..	
96.21	4,121.27	2,666	557	3,223	10,899	2,035	12,934	118	3,567	
..	181.27	..	{ 11 (a) 768 }	769	2,505	2,505	4,510	1,145	1,145	
..	112	..	31	31	1,473	551	2,024	..	..	

(a) Spent for spreading introduced teak.

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
		YRS.	ACS.		ACS.
OOTACAMUND CIRCLE—cont.					
Palghat—cont.	Pole working circle, Block II, compartment 8, coupe II.	1928-29	125	Stump planting of one year old stumps.	125
	Pole working circle, Block II, compartment 8, coupe III.	1929-30	79.20		79.20
	Pole working circle, Block II, compartment 8, coupe IV.	1930-31	91		19
	Pole working circle, Block II, compartment 8, coupe V.	1931-32	108.25		108.25
	Pole working circle, Block II, compartment 8, coupe VI.	1932-33	102		..
	Ponam working circle, compartment 17, coupe I.	1926-27	45	Ponam	45
	Ponam working circle, compartment 16, coupe II.	1927-28	44	Do.	44
	Ponam working circle, compartment 16, coupe III.	1928-29	25	Do.	25
	Ponam working circle, compartment 16, coupe IV.	1929-30	28	Do.	28

Plans or Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.			
..	125	..	{ 6 (b) 3 }	8	1,064	316	1,380	..	..	..
..	79.20	..	32	32	{ 983 (c) 29 }	355	{ 1,338 29 }	..	..	..
..	91	..	67	67	1,092	336	1,428	..	..	..
..	108.25	..	280	280	{ 1,844 55 }	280	{ 2,124 55 }	..	..	..
102	102	{ 506 (d) 155 (e) 503 (f) 56 (g) 37 }	..	661	1,326	..	1,326	..	..	..
..	45	..	..	..	26	207	233	..	..	..
..	44	..	88	88	3	642	645	..	..	..
..	25	..	5	5	112	477	589	..	..	..
..	28	..	10	10	169	330	499	..	..	..

* Cost of teak stump supplied to the District Forest Officer, Tinnevely, and cost adjusted.

(b) Spent for testing soil in coupes I and II.

(c) Cost on teak plants raised for Madras Forest College.

(d) Spent for carrying out experiments in Varali coupe VI as per Conservator's orders.

(e) Cost of clearing, burning and cutting back bamboo regrowth in Pole coupe VII to be regenerated in 1933-34.

(f) Cost of nursery for planting in Pole coupe VII.

(g) Cost of nursery for plantation in Ponam coupe VIII.

Progress in afforestation and regeneration under Working

Division	Working circle and block.	Period	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
OOTACAMUND CIRCLE—cont.		YRS.	ACS.		ACS.
Palghat—cont. ..	Ponam working circle, compartment 16, coupe V.	1930-31	28	Ponam ..	28
	Ponam working circle, compartment 16, coupe VI.	1931-32	23	Do. ..	23
	Ponam working circle, compartment 16, coupe VII.	1932-33	23	Do. ..	..
	Mullangadu, compartment 27.	1927-28	120	Clearing the area.	120
	Singapathi, coupe II.	1928-29	33	Do.	33
	Mullangadu, coupe II.	Do	31	Do.	31
	Kallar, coupe I ..	1928-29	18	Do.	18
	Kallar, coupe II ..	1928-29 & 1929-30	31	Do.	31
	Singapathi, coupe III.	1929-30	13	Do.	13
	Kallar, coupe III..	1930-31	28	Do.	28
	Singapathi, coupe VI.	Do.	33	Do.	33
	Mullangadu, coupe IV.	Do.	33	Do.	33
	Singapathi, coupe V.	1930-31 & 1931-32	35	Do.	35
	Mullangadu, coupe V.	Do.	31	Do.	31..
	Kallar, coupe IV..	Do.	33	Do.	33
	Sholakarai, coupe .. IV.	1930-31	58	Do.	58
	Singapathi, coupe VI.	1931-32 & 1932-33	23	Do.	12
	Mullangadu, coupe VI.	Do.	26	Do.	13
	Kallar, coupe V. ..	Do.	34	Do.	17
	Singapathi coupe VII.	1932-33	16	Do.	..
	Mullangadu, coupe VII.	Do.	22	Do.	..

Plans or Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
(7)	(8)	(9) Creation.	(10) Tending.	(11) Total including tending and upkeep.	(12) Creation.	(13) Tending.	(14) Total including tending and upkeep.	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.			
..	28	..	58	58	172	458	630	..	..	
..	28	(h) 36	73 } .. }	73 } 36 }	78	73	151	..	..	
23	23	(i) 69	..	69	85 } 69 }	..	85 } 69 }	..	..	
..	120	..	..	..	..	180	180	..	..	
..	33	..	..	..	..	99	99	..	..	
..	31	..	..	..	..	35	35	..	..	
..	18	..	..	..	..	50	50	..	..	
..	31	..	..	..	..	141	141	..	..	
..	13	..	..	..	..	36	36	..	..	
..	28	..	..	..	..	56	56	..	..	
..	33	..	..	..	..	66	66	..	..	
..	33	..	..	..	..	50	50	..	..	
..	35	..	..	..	..	50	50	..	..	
..	31	..	..	..	..	42	42	..	..	
..	33	..	..	..	..	59	59	..	..	
..	58	..	..	..	..	14	14	..	..	
11	23	..	11	11	..	23	23	..	..	
13	26	..	6	6	..	19	19	..	..	
17	34	..	8	8	..	17	17	..	..	
8	8	..	5	5	..	5	5	..	..	
11	11	..	6	6	..	6	6	..	..	

(h) Teak nursery foreplanting coupe VII and replacing casualties in coupe VI.
 (i) cost of nursery, etc., for planting in Ponam coupe VIII.

Progress in afforestation and regeneration under Working

Division	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
OOTACAMUND CIRCLE—cont.		Yrs.	ACS.		ACS.
Palghat—cont	Kallar coupe VI ..	..	35	Clearing the area.	..
	Mangarai coupe I.	1931-32	108	Do.	108
	Anaikatty, coupe I.	..	83	Do.	83
	Iohikuli coupe I. ..	..	41	Do.	41
	Mangarai coupe II.	1932-33	104	Do.	..
	Anaikatty coupe II.	Do.	83	Do.	..
	Propagation of sandal in Thadagam.	1931-32 & 1932-33	..	..	..
	Sowing of tamarind and neem seeds in Thadagam.	Do.	..	..	..
	Experimental planting in a selected locality in Singapatty, coupes VII and VIII.	1932-33	..	..	..
	Total ..		2,085	..	1,660
	Grand Total ..		39,448	..	22,950
	Grand Total, Presidency.		45,487	..	28,944

Plans of Schemes during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
18	17	..	9	9	..	9	9	..	..	
..	108	..	..	..	..	39	39	..	..	
..	83	..	..	..	..	41	41	..	..	
..	41	..	..	..	..	21	21	..	..	
104	104	..	45	45	..	45	45	..	..	
83	83	..	41	41	..	41	41	..	..	
..	..	..	11	11	..	38	38	..	..	
..	..	..	30	30	..	33	33	..	..	
..	..	1	..	1	1	..	1	..	..	
389	2,049	1,362	1,592	2,954	11,854	7,243	19,097	1,145	1,145	
1,999	24,949	20,006	10,233	30,239	22,848	1,51,235	3,74,083	6,379	49,853	
2,777	31,721	29,093	19,329	48,422	1,51,005	3,49,298	5,00,303	20,178	2,03,807	

* Note.—The nursery costs have been apportioned—Vide Form 34 B.

ANNUAL FORM

Forest Department,

Plantations not under Working Plans

Division.	Working Circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
		YRS.	ACS.		ACS.
WALTAIR CIRCLE.					
<i>Regular plantations.</i>					
Guntur	Muthayapalem reserved forest 1924-25.	..	..	Casuarina planting.	5
<i>Taungya operations.</i>					
Godavari, Upper ..	Peddamidisileru reserved forest. Tuniki oheruvu reserved forest. Bhadraohellam reserved forest. Repaka reserved forest. Bekapalli hill reserved forest. Kansalur reserved forest.	..	..	Taungya operations.	(a) 103
Guntur	Bollapalli extension VII.	..	..	Do.	30
<i>Cultural Operations.</i>					
Visagapatam ..	Tangedu experimental plot in Arlova reserved forest. Chinagora Teak working circle, (experimental). Reserves of Palakonda and Narasapatam ranges. Teak conversion working circle, Wangasari reserved forest (experimental).	1928-29 to 1933-34. (b) 1930-31 to 1941-42. (b)	30 (j) (b) (d) (b)	Clear felling and sowing. Clear felling and sowing teak. Direct sowing of sandal seed. Clear felling and raising teak with dibbling and stump planting.	17 .. (e) 20.15 16

Note for the Waltair Circle—

(a) The difference between the closing balance of 1931-32 and opening balance of 1932-33 is due to the transfer of some areas from taungya operations to cultural operations. The figures now given are correct.

(b) As the idea is to try and find out if we shall succeed with teak neither period nor area has yet been fixed.

(j) Sal experimental plots in Mekhava and Polla (Visagapatam district) 1928-29, 8.5 acres abandoned.

No. 34-B.

Madras.

during the year 1932-33.

Area regenerated during the year.	Total area to be regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	5	..	..	..	202	..	202	..	9	
..	103	..	29	29	426	764	1,190	..	3,974	
10	40	..	5	5	..	5	5	165	165	
5	22	67	18	85	205	41	246	..	..	
(e) 2.25	2.25	36	9	45	70	10	80	..	..	
8.25	28.40	9	..	9	37	..	37	..	..	
5	21	85	158	243	452	401	353	..	..	

(a) Five acres were also clear felled and burnt in March 1933 for sowing in 1933-34.

(d) One fourth acre per beat in Palakonda and half acre per beat in Narasapatam to be sown with sandal seed per year.

(e) Correct area.

Plantations not under Working Plans

Division.	Working Circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
WALTAIR CIRCLE—					
<i>cont.</i>					
<i>Cultural operations—</i>					
<i>cont.</i>					
Parlakimidi	.. Narayanapur reserved forest. Lavanyakta reserved forest. Ambaldoddi reserved forest. Biduva reserved forest. Chandragiri reserved forest. Ruliba reserved forest. Range office compound at Gutta-halli. All reserved forests in the division.	..	..	(f) Sowing of teak seeds.	110
		..	..	Sowing of sandal seed in suitable patches for propagation centres in the different reserves.	103
Godavari, Upper ..	Peddamidisilern reserved forest. Tuniki oheruvu reserved forest. Dummagudem reserved forest. Ramachandram reserved forest. Seetharampuram reserved forest. Bekapalli reserved forest. Walsugri reserved forest. Lakkavaram reserved forest.	..	..	Regeneration with teak, partly natural and partly artificial (stump planting.)	(a) 2,406

(f) Teak sowings were carried out at random in the past in the several reserves. These are more in the nature of trials.

during the year 1932-33—cont.

Area regenerated during the year.	Total area to be regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	110	..	7	7	297	1,336	1,633	..	..	
16	119	67	38	105	312	220	532	..	..	
88	2,489	1,790	1,679	3,469	53,844	7,640	61,484	33,162	3,68,799	

Plantations not under Working Plans

Division.	Working Circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
WALTAIR CIRCLE— <i>cont.</i>					
<i>Cultural operations—cont.</i>					
Godavari, Upper— <i>cont.</i>	Nugur reserved forest. Peddamidisileru reserved forest. Dummagudem reserved forest. Aralagudem reserved forest. Gogubakka reserved forest. Pegha reserved forest. Bekkapalli hill reserved forest. Kansalur reserved forest.	..	(g)	Dibbling sandal seeds.	26
Godavari, Lower ..	Bajavomangi reserved forest. (Ammayagoppu valley). Tirumalayapalem reserved forest. Mallavaram reserved forest. Sudikonda reserved forest. Kunkudumanulanka Bedadavole and Koppalli-Kavvada teak ferries.	..	..	Artificial regeneration with teak.	89
Guntur ..	Muthayapalem reserved forest. Guthikonda reserved forest. Venkatayapalem reserved forest. Nachugunta reserved forest.	1912-13 1924-26 1926-27 1927-28	(h)	Cultural operations.	5 6 3 0.2
Nellore ..	Sreeharikota reserved forest. Kambakam hill reserved forest. Udayagiri Durgam reserved forest.	..	(i)	Sowing of seeds of different species in fuel coupes. Sowing sandal seeds. Do.	3.9 17.5 0.5
					<u>2,961.25</u>

FOREST DEPARTMENT

during the year 1932-33—*cont.*

Area regenerated during the year.	Total area to be regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
2	18	3	..	3	19	124	..	..	..	
127	216	745	46	791	2,590	623	3,213	..	..	
..	5	..	..	..	22	..	22	..	..	
..	6	..	..	..	..	..	..	..	..	
..	3	..	..	..	38	..	38	..	..	
..	0.2	..	..	..	11	..	11	..	..	
7	10.9	35	..	35	110	..	110	..	..	
5	22.5	10	..	10	131	..	131	..	..	
0.25	0.75	6	..	6	31	..	31	..	..	
<u>270.75</u>	<u>3,232.00</u>	<u>2,853</u>	<u>1,989</u>	<u>4,842</u>	<u>58,797</u>	<u>11,164</u>	<u>69,961</u>	<u>33,327</u>	<u>3,72,947</u>	

Plantations not under Working Plans

Division	Working Circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
			ACS.		ACS.
BELLARY CIRCLE—VII.					
SALEM CIRCLE.					
Vellore, East	Ambur tope ..	1913	..	Planting ..	6
	Amerdi plantation	1922-23	..	Clear-felling and artificial stocking with timber species.	92.25
				Total ..	98.25
Salem, Central	Kurumbapatti plantation.	1920-21	..	Sowing teak ..	1.75
	Chitteris ..	1929-30	..	Lac cultivation.	..
	Shevaroy's Central working circle	4 years ..	321	Planting silver-oak and cypress and sowing of seeds of Australian wattle.	143.00
	Sanniyasimalai working circle.	4 acres in 1 year.	..	Planting Aca-cia decurrens and blue gum seeds.	4.00
	Ayyanthirumaligai.	1923-24	..	Sowing several species.	..
				Total ..	148.75
Salem, South	Tope attached to District Forest Officer's quarters.	1904	..	..	9.5
				Grand Total ..	256.50

during the year 1932-33—cont.

Area regenerated during the year.	Total area to be regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
	ACS.	RS.	RS.		RS.	RS.	RS.		RS.	
..	6	..	..	..	..	45	45	..	1,736	
..	92.25	..	5	5	3,102	2,230	5,332	..	10,846	
..	98.25	..	5	5	3,102	2,275	5,377	..	12,682	
..	1.75	..	..	..	202	40	242	..	..	
..	143.00	..	..	..	200	9,096	9,096	..	..	
..	4.00	..	..	..	108	..	108	..	..	
..	..	..	..	..	131	69	200	..	..	
..	148.75	..	..	..	641	9,205	9,846	..	..	
..	9.5	..	..	..	467	1,760	2,227	..	280	
..	256.50	..	5	5	4,210	13,240	17,450	..	12,862	

Division	Working Circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area in which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
COIMBATORE CIRCLE.					
Madura ..	Gundan shola blue gum plantation.	1906 ..	..	Planting acacia decurrens	245
	Pambar pine plantation.				842
	Gundal valley ..				148
	Velanoombai teak plantation.	..	..	..	15
	Vannathiparai teak plantation.	1870 ..	..	..	4
	Bethuvaikal new teak plantation.	1920-21 ..	..	..	53
Tinnevelly ..	Alagar Hills ..	..	..	Planting Mahagony.	3
	Kudiramoliteri Reserved Forest.	..	..	Dibbling palmyra nuts and Dodonea viscosa seeds.	6,144
	Kariar teak plantation.	1922-24 ..	..	..	85
	Kariar teak Richmond plantation.	1906 ..	..	..	1
	Kodamady teak plantation.	1917 ..	..	..	111
	Kariar Kani area ..	1912 ..	..	..	23
	Haynes plantation.	..	..	..	23
	Mundanthurai plantation.	1928 ..	..	Dibbling teak.	10
	Kariar teak plantation.	1932 ..	..	Stamp planting teak	..
	Servaiyar teak plantation.	1932 ..	..	Do.	..
Coimbatore, North.	Minohiguly plantation.	1918 ..	..	Dibbling teak, vengai reserved, etc.	5
	Irrigation plantation.	..	..	Plantation by irrigation.	..
Total ..					7,712

* Column (11) excludes Rs. 281-2-0 spent on gap regeneration, etc.

during the year 1932-33—cont.

Area regenerated during the year.	Total area to be regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	245	..	..	..	18,985	..	18,985	..	5,655	
..	842	..	..	..	33,486	5,999	39,485	174	1,326	
..	148	..	..	..	3,106	131	3,237	..	..	
..	15	..	..	..	1,124	142	1,266	..	2,315	
..	4	..	..	..	1,405	..	1,405	..	2,125	
..	53	..	..	..	3,770	759	4,529	..	..	
..	3	..	..	..	64	..	64	..	..	
600	6,644	877	..	877	13,677	1,899	15,576	1,523	57,048	
..	85	..	94	94	1,642	851	2,493	..	107	
..	1	..	..	..	5	..	5	..	94	
..	111	..	83	83	4,236	1,320	5,556	..	218	
..	23	..	..	..	47	310	357	..	178	
..	23	..	..	..	26	37	63	..	..	
..	10	..	..	..	182	35	217	..	..	
11	11	309	..	309	309	..	309	..	..	
10	10	233	..	233	233	..	233	..	..	
..	5	..	..	..	123	618	741	..	..	
3	3	73	2	75	73	2	75	..	..	
524	8,286	1,492	179	1,671	82,493	12,103	94,596	1,697	69,066	

Plantations not under Working Plans

Division	Working Circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
			ACS.		ACS.
OOTACAMUND CIRCLE.					
<i>North Mangalore Division.</i>					
Mangalore Range.	Kodialmale	.. 1921-22 ..	52	Sowing of Hopea in prepared patches.	52
Udipi Range	Someshwar, coupe IV.	1929-30 ..	2	Funnel sowing of Xylia teak and Biti.	2
	Someshwar, coupe V.	1929-30 and 1930-31 ..	4	Do.	4
	Someshwar, coupe III.	1930-31 ..	65	Sowing of Hopea.	65
	Do.	1931-32 ..	91	Do.	91
	Someshwar, coupe VI (a).	Do. ..	4	Funnel sowing of teak, etc.	4
	Someshwar, coupe VI (b).	Do. ..	2	Do.	2
	Someshwar Reserved Forest.	1930-31 ..	1	Sowing of teak.	1
Coondapoor Range.	Madibare Reserved Forest.	1927-28 ..	11	Sowing of Xylia.	11
Total ..			232		232
<i>South Mangalore Division.</i>					
Uppinangadi Range.	Nerankimale Reserved Forest.	1930-31 ..	89	Sowing of deciduous species.	89
	Kidu Reserved Forest.	1922 ..	19	Natural regeneration.	19
	Nerankimale Reserved Forest, coupe XVIII.	1930-31 ..	6	Artificial regeneration of Hopea and teak.	6
Kasaragod Range.	Kinnalore Reserved Forest.	1932-33 ..	2	Old teak	..
Total ..			116		114

during the year 1932-33—cont.

(7) Area regenerated during the year.	(8) Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			(15) Revenue during the year.	(16) Total revenue to the end of the year.	(17) Remarks.
		(9) Creation.	(10) Tending.	(11) Total including tending and upkeep.	(12) Creation.	(13) Tending.	(14) Total including tending and upkeep.			
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.			
..	52	..	..	..	146	14	150	..	..	
..	2	..	16	16	155	63	218	..	..	
..	4	..	9	9	182	13	195	..	..	
..	65	..	58	58	416	181	597	..	..	
..	91	..	153	153	586	153	739	..	..	
..	4	..	27	27	64	27	91	..	..	
..	2	27	..	27	69	..	69	..	..	
..	1	..	12	12	..	12	12	..	..	
..	11	..	..	..	121	25	146	..	..	
..	232	27	275	302	1,739	488	2,227	..	..	
..	89	..	14	14	357	573	930	..	..	
..	19	..	..	..	..	170	170	..	..	
..	6	..	3	3	82	23	105	..	..	
2	2	..	7	7	..	7	7	..	..	
2	116	..	24	24	439	773	1,212	..	..	

Plantations not under Working Plans

Division.	Working Circle and book.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
			ACS.		ACS.
OOTACAMUND CIRCLE—cont. The Nilgiris Division.					
Ootacamund Range.	Eife's covert	.. 1932-33 ..	0.5	Planting Hakia.	..
	Jackosmullah	.. Do. ..	1.5	Do.	..
	Kundah catchment area.	Do. ..	Only scattered plots and belts.	Planting Hakia cypress and Eucalyptus.	..
	Avalanche Bangi tappal road.	Do. ..	Do.	Do.	..
Palghat Division.					
..	Puliyampulli tope reserve.	1919-20 ..	20	Tanangya plantations.	20
..	Korma teak plantation.	..	5	Do.	5
..	Vellapathy	.. 1919-20 ..	39	Cultural operations.	39
..	Muthikulam bungalow compound.	1921-22 ..	4	Do.	4
..	Dhone Reserve	.. 1919-20 ..	10	Do.	10
..	Elival teak plantation (old).	Do. ..	10	Do.	10
..	Chenat Nair old plantation.	1920-21 ..	263	Do.	263
..	Dhone 4-acre plot	.. 1928-29 ..	4	Do.	4
..	Dhone coupe I	.. 1929-30 ..	26	Do.	26
..	Do. II	.. 1930-31 ..	23	Do.	23
..	Do. III	.. 1931-32 ..	20	Do.	20
..	Do. IV	.. 1932-33 ..	23	Do.	..
..		..	..	..	..
..		..	..	..	..
..		..	..	..	..

(a) Spent for sowing Tirva seeds as per Conservator's orders

(c) Cost of teak nursery for planting Dhone, coupe V.

(d) Cost of teak nursery for planting Dhone, coupe VI.

(e) Cutting bandburning Dhone, coupe V.

ring the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
		Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.			
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.			
0.5 (incomplete).	..	20	87	107	20	87	107	..	..	
1.5 (incomplete).	..	20	..	20	20	..	20	..	..	
..	..	40	..	40	40	..	40	..	..	
2	..	23	..	23	23	..	23	..	..	
..	..	103	87	190	103	87	190	..	..	
..	20	..	..	..	..	329	329	..	..	
..	5	..	..	..	..	Not known.		..	..	
..	39	..	..	..	573	59	632	..	..	
..	4	..	..	..	110	..	110	..	..	
..	10	..	..	..	221	129	350	..	..	
..	10	..	(a) 3	3	..	147	147	..	..	
..	263	..	103	120	2,865	5,388	8,253	..	..	
..	4	..	2	2	50	20	70	..	..	
..	26	..	27	27	625	273	898	..	..	
..	23	..	24	24	944	108	1,052	..	..	
..	20	..	72	72	722	72	794	..	..	
23	23	306	..	306	545	..	545	..	..	
..	..	(c) 40	..	40	90	..	90	..	..	
..	..	(d) 41	..	41	41	..	41	..	..	
..	..	(e) 56	..	56	56	..	56	..	..	

Plantations not under Working Plans

Division.	Working Circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.
(1)	(2)	(3)	(4)	(5)	(6)
OOTACAMUND CIRCLE—cont.			ACS.		ACS.
Palghat Division—cont.					
	Elival coupe I ..	1928-29 ..	21	Cultural operations.	21
	Do II ..	1929-30 ..	33	Do.	33
	Do. III ..	1930-31 ..	35	Do.	35
	Do. IV ..	1931-32 ..	55	Do.	55
	Do. V ..	1932-33 ..	14	Do.	..
	..	..	..	..	..
	..	..	..	..	..
	Sappal coupe I ..	1928-29 ..	5	..	5
	Do. II ..	1929-30 ..	13	..	13
	Kalladikot valley ..	1931-32 ..	..	..	..
	.. and ..	..	..	..	..
	..	1932-33 ..	..	..	..
	..	..	..	..	..
	Silent valley, coupe I ..	1928-29 ..	..	..	..
	.. and ..	..	..	..	..
	..	1929-30 ..	..	..	..
	Silent valley, coupe II ..	1930-31 ..	..	..	..
	Silent valley, coupe III ..	1931-32 ..	..	..	..
	Silent valley, coupe IV ..	1932-33 ..	..	..	..
	..	..	..	..	..
	..	..	..	..	..
	..	..	..	..	..
	..	..	..	..	..
	Dhone evergreen nursery.	1928-29 ..	..	..	..
	Nursery for Andaman Padauk.	Do. ..	..	..	..
	Evergreen nursery in Silent valley.	Do. ..	..	..	..
	Supply of seeds ..	..	..	..	..
	Total ..	..	621	..	585
	Grand total ..	..	971	..	931
	Total, Presidency..	..	..	..	11,860

- (f) Cost of teak nursery for stump planting in 1933-34.
 (g) Cost of teak nursery for stump planting in 1934-35.
 (h) Cutting and burning in Elival, coupe VI.
 (i) Spent for gluta nursery for regeneration in 1933-34.
 (j) Spent for Hopea and Aini nursery for regeneration in 1933-34.
 (k) Collection of seeds for 1934-35 regeneration.

during the year 1932-33—cont.

Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	Remarks.
(7)	(8)	Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.	(15)	(16)	(17)
ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	21	..	21	21	343	148	491	..	..	
..	33	..	34	34	677	178	855	..	..	
..	35	..	63	63	1,537	187	1,724	..	..	
..	55	..	277	277	1,659	277	1,936	..	..	
14	14	200	..	200	336	..	336	..	..	
..	..	(f) 57	..	57	67	..	67	..	..	
..	..	(g) 12	..	12	12	..	12	..	..	
..	..	(h) 49	..	49	49	..	49	..	..	
..	5	..	..	..	103	14	117	..	..	
..	13	..	..	..	386	58	444	..	..	
..	..	250	29	279	411	29	440	..	..	
..	..	(i) 5	..	5	5	..	5	..	..	
..	..	(j) 30	..	30	30	..	30	..	..	
..	..	(k) 5	..	5	5	..	5	..	..	
..	..	(l) 13	..	13	13	..	13	..	..	
..	..	..	8	8	376	56	432	..	..	
..	..	..	22	22	269	67	336	..	..	
..	..	..	50	50	385	50	435	..	..	
..	..	238	..	238	252	..	252	..	..	
..	..	(m) 1	..	1	1	..	1	..	..	
..	..	(n) 8	..	8	8	..	8	..	..	
..	..	(o) 34	..	34	34	..	34	..	..	
..	..	(p) 37	..	37	37	..	37	..	..	
..	..	(q) 22	..	22	22	..	22	..	..	
..	..	..	..	..	30	..	30	..	..	
..	..	..	..	..	18	..	18	..	..	
..	..	..	..	..	82	..	82	..	..	
..	..	..	..	..	20	..	20	..	..	
37	622	1,403	752	2,154	14,007	7,590	21,597	..	..	
41	972	1,533	1,138	2,671	16,288	8,938	25,226	..	..	
936	12,696	5,878	3,311	9,189	1,61,788	45,445	2,07,233	35,024	4,54,876	

- (l) Cost of tin plates for 1933-34 regeneration.
 (m) Gluta nursery for 1933-34 regeneration.
 (n) Aini nursery for 1933-34 regeneration.
 (o) Aini nursery for Silent valley, coupes V and VI.
 (p) Teak nursery in Panakadam for planting in 1934-35.
 (q) Teak nursery for planting in Chindaki.

ANNUAL FORM NO. 53.

Forest Department, Madras Presidency.

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation.

Division.	Timber in the rough logs.						Sawn or square timber.					
	Government	Purchasers.	Free grantees.	Right holders.	Total.	(2)	Government	Purchasers.	Free grantees.	Right holders.	Total.	(16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
WALTAE CIRCLE.												
Reserved Forests.												
Ganjam ..	1	42	17	14	74	13	105	2	..	120	..	..
Vizagapatam ..	4	..	..	..	4	..	17	..	..	17	..	..
Godavari, Upper ..	33	16	..	..	48	27	5	..	..	32	..	..
Do. Lower ..	1	60	..	..	61	..	..	..	..	..	..	..
Guntur ..	..	..	..	..	..	..	..	..	..	..	..	..
Nellore ..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	39	117	17	14	187	40	127	2	..	169	..	..
Reserved Lands												
Parlakimedi Maliahs ..	3	12	4	8	27	..	30	..	7	37	..	..
Unreserved Lands.												
Ganjam ..	..	39	7	..	46	1	15	..	..	16	..	..
Vizagapatam ..	7	4	..	..	11	..	8	1	..	9	..	..
Godavari, Upper ..	5	1	..	..	6	2	9	..	..	11	..	..
Do. Lower ..	..	123	21	..	144	..	1	..	..	1	..	6
Guntur ..	..	..	..	..	..	..	..	..	..	..	..	..
Nellore ..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	12	167	28	..	207	3	33	1	..	37	..	6
Grand Total ..	54	296	49	22	421	43	190	3	7	243	..	6

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation—cont.

Division.	Miscellaneous.					Total timber.					Fuel.					Total outturn. (32)
	Government. (17)	Purchasers. (18)	Free grantees. (19)	Right- holders. (20)	Total. (21)	Government. (22)	Purchasers. (23)	Free grantees. (24)	Right- holders. (25)	Total. (26)	Government. (27)	Purchasers. (28)	Free grantees. (29)	Right- holders. (30)	Total. (31)	
WALTAR CIRCLE—cont.																
Reserved Forests—cont.																
Ganjam ..	..	..	..	..	..	14	147	19	14	194	10	626	1	..	637	831
Vizagapatam ..	2	..	..	..	2	6	17	..	..	23	5	248	..	..	253	276
Godavari, Upper ..	1	..	..	..	1	61	20	..	..	81	3	..	..	..	3	84
Do. Lower ..	..	..	..	..	..	1	60	..	..	61	44	730	156	..	930	991
Guntur ..	..	6	2	..	8	..	6	2	..	8	10	730	..	..	740	748
Nellore ..	..	1	..	..	1	..	1	..	..	1	12	376	..	..	388	389
Total ..	3	7	2	..	12	82	251	21	14	368	84	2,710	157	..	2,961	3,319
Reserved Lands—cont.																
Parlakimedi Maliahs ..	..	..	..	..	..	3	42	4	15	64	19	89	..	..	108	172
Unreserved Lands—cont.																
Ganjam ..	..	..	..	..	..	1	54	7	..	62	..	112	..	..	112	174
Vizagapatam ..	..	..	..	..	..	7	12	1	..	20	..	28	..	..	28	48
Godavari, Upper ..	1	..	..	..	1	8	10	..	..	18	1	14	..	..	15	33
Do. Lower ..	..	..	..	..	..	..	129	21	..	150	..	24	..	..	24	174
Guntur ..	..	14	11	..	25	..	14	11	..	25	..	104	..	..	104	129
Nellore ..	..	17	7	..	24	..	17	7	..	24	..	36	..	..	36	60
Total ..	1	31	18	..	50	16	236	47	..	299	1	318	..	..	319	618
Grand Total ..	4	38	20	..	62	101	529	72	29	731	104	3,117	167	..	3,378	4,109

NOTE FOR WALTAE CIRCLE.—The figures against all divisions under reserved forests and for Upper Godavari under unreserved lands are actuals. UNRESERVED LANDS—GANJAM.—The figures under 'Purchasers' are estimates obtained by converting revenue at As. 1-6 per cubic foot. The other figures are actuals.

VIZAGAPATAM.—The figures under 'Purchasers' are estimates furnished by Tahsildars. Others are actuals.

LOWER GODAVARI.—The figures under 'Purchasers' are estimates obtained by converting revenue at As. 1-6 per cubic foot. The other figures are actuals.

GUNTUR.—Except under 'Free grantees' the figures are estimates obtained by converting revenue at 1 anna per cubic foot.

NELLORE.—Except under 'Free grantees' the figures are estimates obtained by converting revenue at 3 pies per cubic foot.

SQUARED TIMBER.—NIL.

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation—*cont.*

Division.	Timber in the rough logs.						Timber in the rough poles.						Sawn or square timber.			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Government.		Purchasers.	Free Grantees.	Right- holders.	Total.	Government.	Purchasers.	Free Grantees.	Right- holders.	Total.	Government.	Purchasers.	Free Grantees.	Right- holders.	Total.
BELLARY CIRCLE.																
<i>I. Reserved Forests.</i>																
Anantapur ..	6	6	6	7	..	13	..	..	..	..	..	..	..	..	..	..
Kurnool, East ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South ..	34	34	42	..	..	78	4	112	1	1	118	..	..	..	..	..
Do. West ..	3	3	25	..	..	28	2	20	2	..	24	..	..	..	..	..
Cuddapah, North ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	43	74	74	7	..	124	6	132	3	1	142	..	..	..	..	..
<i>II. Leased Forests—Nil.</i>																
<i>III. Reserved Lands</i>																
—Nil.																
<i>IV. Unreserved Lands.</i>																
Anantapur ..	..	..	63	4	..	67	..	..	..	..	..	..	..	..	..	..
Kurnool, East ..	..	..	2	10	..	12	..	..	..	..	..	..	..	..	..	..
Do. South ..	..	..	..	9	..	..	..	..	..	..	12	..	..	..	..	..
Do. West ..	..	..	23	..	..	23	..	..	..	..	..	..	..	..	..	..
Cuddapah, North ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	88	23	..	..	111	..	12	..	..	12	..	..	..	..	..
Grand Total ..	43	162	30	..	..	235	6	144	3	1	154	..	..	..	..	..

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation—*cont.*

Division.	Miscellaneous.						Total timber.						Fuel.			
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
	Government.	Purchasers.	Free Grantees.	Right- holders.	Total.	Government.	Purchasers.	Free Grantees.	Right- holders.	Total.	Government.	Purchasers.	Free Grantees.	Right- holders.	Total.	Total outturn.
BELLARY CIRCLE—<i>cont.</i>																
<i>I. Reserved Forests</i>																
— <i>cont.</i>																
Anantapur ..	..	..	..	..	..	..	6	7	..	13	3	22	..	..	25	38*
Kurnool, East ..	1	..	..	..	1	7	1	..	..	8	11	14	..	..	25	33*
Do. South ..	..	6	..	..	6	38	160	1	1	200	5	285	..	1	271	471*
Do. West ..	3	42	..	..	45	8	87	2	..	97	83	1,224	1	..	1,308	1,406*
Cuddapah, North ..	2	34	7	..	43	2	34	7	..	43	30	1,601	..	..	1,631	1,674*
Do. South ..	2	24	1	..	27	2	24	1	..	27	53	3,629	..	..	3,682	3,709*
Total ..	8	106	8	..	122	57	312	18	1	388	185	6,755	1	1	6,942	7,330
<i>II. Leased Forests—Nil.</i>																
<i>III. Reserved Lands—Nil.</i>																
<i>IV. Unreserved Lands</i>																
— <i>cont.</i>																
Anantapur ..	..	..	..	..	..	..	63	4	..	67	..	53	..	..	53	120†
Kurnool, East ..	..	..	..	..	..	..	2	10	..	12	..	2	..	..	2	14†
Do. South ..	..	..	..	..	..	..	12	9	..	21	..	7	..	..	7	28†
Do. West ..	..	..	..	..	..	..	23	..	..	23	..	23	..	..	23	46†
Cuddapah, North ..	..	8	..	..	8	..	3	..	..	3	..	19	..	..	19	22†
Do. South ..	..	12	..	..	12	..	12	..	..	12	..	3	..	..	3	15†
Total ..	..	15	..	..	15	..	115	23	..	138	..	107	..	..	107	245
Grand Total ..	8	121	8	..	137	57	427	41	1	536	185	6,862	1	1	7,049	7,575

* Actuals.

† Estimates based on revenue collected by Tahsildars. Timber at Rs. 2-8-0 per cart-load of 20 cubic feet and fuel at Rs. 1-4-0 per cart-load of 20 cubic feet.

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation—cont.

Division.	Timber in the rough logs.					Timber in the rough poles.					Sawn or square timber.				
	(2) Government.	(3) Purchasers.	(4) Free grantees.	(5) Right-holders.	(6) Total.	(7) Government.	(8) Purchasers.	(9) Free grantees.	(10) Right-holders.	(11) Total.	(12) Government.	(13) Purchasers.	(14) Free grantees.	(15) Right-holders.	(16) Total.
SAREM CIRCLE.															
I. Reserved Forests.															
Chittoor	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. West	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem, North	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
Do. Central	..	3	..	..	3	..	..	..	..	..	..	..	..	..	..
Do. South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	4	..	..	4	..	..	..	..	..	..	..	..	..	..
II. Leased Forests															
—Nil.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
III. Reserved Lands															
—Nil.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IV. Unreserved Lands.															
Chittoor	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. West	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem, North	..	..	..	..	..	..	14	..	..	14	..	..	..	..	..
Do. Central	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	..	..	14	..	..	14	..	..	..	..	..
Grand Total	..	4	..	..	4	..	14	..	..	14	..	..	..	..	..

(1) Output (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation—cont.

Division.	Miscellaneous.				Total timber.				Fuel.				Total outturn.			
	Government.	Purchasers.	Free grantees.	Right- holders.	Total.	Government.	Purchasers.	Free grantees.	Right- holders.	Total.	Government.	Purchasers.		Free grantees.	Right- holders.	Total.
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
SALEM CIRCLE—cont.																
I. Reserved Forests																
—cont.																
Whitloor ..	1	9	..	..	10	1	9	..	..	10	22	365	..	..	387	397
ellore, East ..	(a) 3	3	..	..	6	3	3	..	..	6	20	435	..	..	455	461
Do, West ..	(a) 2	1	..	..	3	2	1	..	..	3	9	60	..	..	69	72
Do, Salem, North ..	(a) 3	..	..	..	3	1	1	..	..	4	6	76	..	..	82	86
Do, Central ..	(a) 1	..	..	..	1	1	3	..	..	4	18	448	..	..	466	470
Do, South ..	..	1	..	..	1	..	1	..	..	1	13	90	..	..	103	104
Total ..	10	14	..	..	24	10	18	..	..	28	88	1,474	..	..	1,562	1,590
II. Leased Forest—Nil.																
III. Unreserved Lands—Nil.																
IV. Unreserved Lands—cont.																
Whitloor ..	..	19	3	..	22	..	19	3	..	22	..	52	..	..	52	74
ellore, East ..	..	84	19	..	103	..	84	19	..	103	..	155	..	..	155	258
Do, West ..	..	4	1	..	5	..	4	1	..	5	..	5	..	..	6	10
Do, Salem, North ..	(a) 7	..	1	..	8	7	14	1	..	22	..	8	..	..	8	30
Do, Central ..	(a) 3	34	9	..	46	3	34	9	..	46	..	58	..	..	58	104
Do, South ..	..	30	3	..	33	..	30	3	..	33	..	55	..	..	55	88
Total ..	10	171	36	..	217	10	185	36	..	231	..	333	..	..	333	564
Grand Total ..	20	186	36	..	241	20	203	36	..	259	88	1,807	..	..	1,895	2,154

NOTE FOR SALEM CIRCLE.—Based on actuals.
Government Agency.—Based on actuals.
Services.—Chittoor.—One cubic foot = 6 cubic feet of fuel.
Timber and Fuel Purchasers.—Chittoor and *Central Salem.*—Based on actuals.
East and West Villages.—Chittoor and *North Salem.*—Actuals based on contractor's accounts.
Timber (North Salem).—Calculated on money value at 2 annas a cubic foot.
South Salem.—Calculated on money value at 7½ annas a cubic foot.
Timber.—Based on actuals furnished by contractors.
Land.—Based on actuals furnished by contractors.
Unclassified Lands.—Particulars—*Timber and Fuel.*—Based on the money value obtained at sales in all divisions.

(a) Represents sandalwood; sandalwood 2 qrs. = 1 cubic foot.
Note.—Timber and sandalwood less than 500 cubic feet is ignored.

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation—*cont.*

Division.	Timber in the rough, logs.					Timber in the rough, poles.					Sawn or square timber.					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
		Government.	Purchasers.	Free grantees.	Right- holders.	Total.	Government.	Purchasers.	Free grantees.	Right- holders.	Total.	Government.	Purchasers.	Free grantees.	Right- holders.	Total.
COIMBATORE CIRCLE.																
<i>I. Reserved Forests.</i>																
Kollegal	3	3	10	(b)	..	3 (a)	3	..	..	..	3	..	..	..	..	..
Coimbatore, North	5	5	..	..	..	15 (a)	3	..	..	..	3	..	..	..	..	..
Do. South	..	(c)	112	..	..	112	3	..	..	..	3	(d)	5	..	..	51
Madura	..	(b)	..	..	..	..	1	..	..	..	1	(b)	..	..	..	..
Tinnevelly	..	..	..	..	..	..	(f) 8	..	..	..	8	..	..	..	..	..
Total	8	8	122	..	..	130	18	..	..	..	18	46	5	..	..	51
<i>II. Leased Forests.</i>																
Coimbatore, South	1	1	1	..	..	2	..	..	..	..	..	(g) 2	..	..	..	2
<i>III. Reserved Lands—</i>																
Nil.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
<i>IV. Unreserved Lands.</i>																
Kollegal	..	..	..	..	..	..	(a) 2	..	..	..	2	..	..	..	..	..
Coimbatore, North	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	..	..	2	..	..	..	2	..	..	..	..	..
Grand Total	9	9	123	..	..	132	20	..	..	..	20	48	5	..	..	53

NOTE FOR COIMBATORE CIRCLE—

- (a) Denotes sandalwood.
 (b) Omitted being less than 1,000 e. ft. the year departmentally.
 (c) Timber out from Ulandi Range by Mr. E. J. Kuruvilla .. 112,267 2,087 e. ft.
 (d) Represents sawn timber—

	e. ft.	Factor of conversion.
11,466 Broad gauge sleepers	37,822	Sandalwood, 2 quarters = 1 e. ft.
3,201 Metre gauge sleepers	5,202	
105 Broad gauge sleeper rejections	346	
298 Metre gauge sleeper rejections	484	
1,093 Red cedar scantlings	2,145	
Red cedar planks and sample pieces	50	
Obtained from the gross yield	46,049	
(e) Sawn timber.—5,420 e. ft. of scantlings out and removed from Ulandi Range by Mr. E. J. Kuruvilla, the log equivalent being 10,840 e. ft.	91,708	

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation—cont.

Division.	Miscellaneous.					Total timber.					Fuel.				
	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)
COIMBATORE CIRCLE—cont.															
I. Reserved Forests—cont.															
Kollegal ..	..	1	..	..	1	6	1	..	..	7	..	51	..	..	51
Coimbatore, North ..	..	..	..	..	..	8	16	..	..	18	..	960	..	..	960
Do. South ..	..	10	..	..	10	49	127	..	..	176	1	303	..	..	304
Madura ..	..	7	..	..	7	1	7	..	..	8	8	512	..	..	520
Tinnevely ..	..	31	..	..	31	8	31	..	..	39	..	2,552	..	..	2,552
Total ..	..	49	..	..	49	72	176	..	..	248	9	4,378	..	..	4,387
II. Leased Forests—cont.															
Coimbatore South ..	..	..	..	..	..	3	1	..	..	4	..	..	..	..	..
III. Reserved Lands—Nil.															
IV. Unreserved Lands—cont.															
Kollegal ..	..	7	..	..	7	..	7	..	..	7	..	6	..	..	6
Coimbatore, North ..	..	30	1	..	31	2	30	1	..	33	..	33	..	..	33
Do. South ..	..	5	1	..	6	..	5	1	..	6	6	28	..	..	28
Madura ..	..	68	3	..	71	..	68	3	..	71	..	82	..	..	82
Tinnevely ..	..	..	5	..	5	..	..	5	..	5	..	112	..	..	112
Total ..	..	110	10	..	120	2	110	10	..	122	..	261	..	..	261
Grand Total ..	..	169	10	..	169	77	287	10	..	374	9	4,639	..	..	4,648

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation—cont.

Division.	Timber in the rough, logs.					Timber in the rough, poles.					Sawn or square timber.				
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	Government.	Purchasers.	Free grantees.	Right-holders.	Total.
(1)															
OOTACAMUND CIRCLE.															
I. Reserved Forests.															
Mangalore, North ..	(a) 4	..	..	..	4	..	..	..	..	..	(b) 24	..	..	..	..
Do. South ..	11	..	..	..	11	..	..	..	..	(c) 8	79	..	..	..	79
Wynaad ..	80	..	..	..	80	8	..	..	..	19	..	..	..	..	..
Nilambur ..	50	..	..	..	50	19	..	..	..	..	..	..	..	..	..
The Nilgiris ..	3	5	..	..	8	..	..	..	..	..	..	..	..	..	..
Palghat ..	146	76	..	..	222	..	..	..	..	..	..	..	..	..	..
Total ..	294	81	..	..	375	27	..	..	..	27	108	..	..	..	103
II. Leased Forests.															
Nilambur ..	81	3	..	..	84	10	..	..	..	10	..	..	..	..	..

Note for Ootacamund Circle—
(a) Includes 62 c. ft. of sandalwood of North Mangalore division, 1,000 c. ft. of South Mangalore division, and 542½ c. ft. of the Nilgiris division factor of conversion 2 grs. : 1 c. ft.)
(b) Represents the net outturn of sawn timber.
(c) Represents the net outturn of rough squared timber.

ANNUAL REPORT OF THE

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation—*cont.*

Division.	Miscellaneous.				Total timber.				Fuel.				Total.	(32)		
	Government.	Purchasers.	Free grantees.	Right-holders.	Total.	(20)	Right-holders.	Free grantees.	Purchasers.	Government.	Purchasers.	Free grantees.			Right-holders.	(31)
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
OOTACAMUND CIRCLE																
—cont.																
I. Reserved Forests—																
cont.																
Mangalore, North	..	..	13	..	13	4	13	..	..	17	1	1,007	..	..	1,008	1,025
Do. South	..	16	..	..	16	35	16	..	..	51	..	312	..	..	312	363
Wynaad	..	..	..	..	..	167	..	..	..	167	..	..	..	..	..	167
Nilambur	..	..	..	..	..	69	..	..	..	69	..	..	..	..	..	69
The Nilgiris	..	..	..	..	..	8	6	..	..	8	(d) 571	126	..	..	697	705
Palghat	..	..	..	..	..	146	76	..	..	222	33	655	..	..	688	910
Total	..	29	..	..	29	424	110	..	..	534	605	2,100	..	..	2,705	3,239
II. Lapsed Forests—																
cont.																
Nilambur	..	..	..	..	..	91	3	..	..	94	..	31	..	..	31	125

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation—*cont.*

Division.	Timber in the rough, logs.				Timber in the rough, poles.				Sawn or square timber.						
	Government.	Purchasers.	Free grantees.	Right-holders.	Government.	Purchasers.	Free grantees.	Right-holders.	Government.	Purchasers.	Free grantees.	Right-holders.			
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
OOTACAMUND CIRCLE—<i>cont.</i>															
IV. Unreserved Lands—<i>cont.</i>															
The Nilgiris ..	..	..	6	..	..	5	..	..	..	..	..	..	..	..	..
Palghat ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	235	5	..	..	240	4	..	..	..	4	..	..	..	..	..
Grand Total ..	610	89	..	..	699	41	..	..	103	41	..	..	..	..	103
TOTAL PRESIDENCY.															
Reserves ..	387	410	28	22	847	91	289	5	8	393	149	5	..	..	164
Lapsed forests ..	82	4	..	..	86	10	..	..	..	10	2	..	..	..	2
Unreserved lands ..	247	260	51	..	558	9	59	1	..	69	..	5	..	..	5
Grand Total ..	716	674	79	22	1,491	110	348	6	8	472	151	10	..	..	161

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1932-33 and Agency of Exploitation—*cont.*

Division.	Government.				Government.				Government.				Government.				Total.	(32)
	(17)	(18)	(19)	(20)	Total.	(21)	(22)	(23)	Free grantees.	Right-holders.	Total.	(26)	(27)	(28)	Free grantees.	Right-holders.		
OOTACAMUND CIRCLE																		
—cont.																		
IV. Unreserved Lands—cont.																		
The Nilgiris	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Palghat	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total	1	48	1	14	64	240	63	1	14	308	100	242	..	10	352	78	84	
Grand Total	1	77	1	14	93	755	166	1	14	936	706	2,373	..	10	3,088	..	680	
TOTAL PRESIDENCY.																		
Engineering division—Nil.																		
Reserves	70	156	10	..	236	618	909	43	30	1,630	990	17,506	158	1	18,655	..	20,285	
Leased forests	..	..	..	..	..	94	4	..	..	98	..	31	..	..	31	..	129	
Unreserved lands	12	375	65	14	466	268	699	117	14	1,098	191	1,261	..	10	1,372	..	2,470	
Total	82	531	75	14	702	1,010	1,612	160	44	2,826	1,091	18,798	158	11	20,058	..	22,884	

Note for Ootacamund Circle—

(a) Includes 62 e. ft. of sandalwood of North Mangalore division, 1,000 e. ft. of South Mangalore division, and 542½ e. ft. of the Nilgiris division (factor of conversion 2 qrs : 1 e. ft.)

(d) Two thousand and thirty-five bags of charcoal were manufactured by burning 142 lots of 17,040 e. ft. of fuel.

NOTE.
GOVERNMENT AGENCY—Actuals.

PRIVATE AGENCY—*Forest Department*—Based on figures furnished by contractors.

REVENUE DEPARTMENT—

North Mangalore—Based on the following factors of conversion :—

Fuel—One cart-load : 20 cubic feet.

Catechu, Cinnamon and palmyra trees : Rs. 4 : one cubic foot or head load.

Scrub growth or brushwood : As. 10 : 20 cubic feet or one cart-load.

South Mangalore—Actuals.

Wynad—Estimate based on money value for timber at 6 annas per cubic foot and fuel at 8 annas per cart-load of 20 e. ft.

The Nilgiris—Converted from money value at 4 annas per cart-load of 20 e. ft. of fuel.

Palghat—Converted from money value at 4 annas per cubic foot of timber and 6 pies per cubic foot of fuel.

RIGHT-HOLDERS AND FREE GRANTEES.—Actuals.

APPENDIX TO FORM No. 35.

Specieswar details of outturn of timber (in thousands of cubic feet of log) removed from reserved forests (including leased forests) by Departmental Agency during 1932-33.

Circle.	Name of division.		Sandal wood.		Teak.	Rosewood.	Yeg.	Irumaddi.	Miscellaneous.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Waltair	{ Ganjam	..	..	..	..	..	..	..	..	..
	{ Parlakimedi Malishe.	..	..	..	..	..	..	..	..	..
	{ Vizagapatam	..	..	..	..	..	..	..	..	..
	{ Godavari (Upper)	..	..	..	..	..	..	..	..	..
	{ Godavari (Lower)	..	..	..	..	..	..	..	..	..
	Total	..	..	..	..	..	..	..	..	..
Bellary	{ Karnool, East	..	..	..	..	..	..	..	..	..
	{ Karnool, South	..	..	..	..	..	..	..	..	..
	{ Karnool, West	..	..	..	..	..	..	..	..	..
	{ Cuddapah, North	..	..	..	..	..	..	..	..	..
	{ Cuddapah, South	..	..	..	..	..	..	..	..	..
	Total	..	..	..	..	..	..	..	..	..

Note for Bellary Circle—

* As the quantity of sandalwood extracted during the year (710 lb.) is very insignificant (less than 1,000 cubic feet), it is not shown in the return.

Specieswar details of outturn of timber (in thousands of cubic feet of log) removed from reserved forests (including leased forests) by Departmental Agency during 1932-33—cont.

Circle.	Name of division.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Salem	Chittoor	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Vellore, East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
	Vellore, West	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	Salem, North	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
	Salem, Central	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
Total		..	..	..	..	..	..	..	..	..	..	..	..	..	..	(c) 20
Coimbatore	Kollegal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
	Coimbatore, North	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
	Do South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	52
	Madura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Tinnevely	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
Total		..	..	..	..	..	..	..	..	..	..	..	..	..	..	76

Note for Salem Circle—

(a) Includes 7 thousand cubic feet from unreserves.

(b) Includes 3-312 thousand cubic feet from sivayijama lands.

(c) Ten thousand cubic feet are shown in excess of the figures shown in Form No. 35—vide (a) and (b).
Note.—Timber less than 500 cubic feet ignored.

Note for Coimbatore Circle—

(a) Includes 577 cubic feet of teak spokes and felloes obtained from top-ends.

(b) Omitted being less than 1,000 cubic feet.

(c) Four hundred and fifty-five cubic feet of sandalwood omitted being less than 1,000 cubic feet.

Specieswar details of outturn of timber (in thousands of cubic feet of log) removed from reserved forests (including leased forests) by Departmental Agency during 1932-33—cont.

Circle.	Name of division.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Ootacamund	Mangalore, North	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3-7
	Do. South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34-56
	Wynad	..	..	..	..	..	..	..	..	..	..	..	..	..	..	(a) 207
	Nilambur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	160-74
	The Nilgiris	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2-9
Total		..	..	..	..	..	..	..	..	..	..	..	..	..	..	146
Grand total, Presidency		..	..	..	..	..	..	..	..	..	..	..	..	..	..	554-90

Note for Ootacamund Circle—

(a) Seventy-nine thousand cubic feet shown as sawn or squared timber in Form No. 35 are converted into their log equivalents in the ratio of 1 cubic foot sawn or squared timber to 1½ cubic feet, i.e., thirty-nine thousand cubic feet are shown in excess of the figure shown in Form No. 35

ANNUAL FORM No. 36.

Forest Department, Madras Presidency.

Outturn of Minor Forest Produce during the year 1932-33

Waltair Circle.

Circle. Description of produce.

		Produce removed or utilized.				
		By Govern- ment agency.	By purcha- sers.	By free grantees.	By right- holders.	Total.
		Value.	Value.	Value.	Value.	Value.
<i>Reserved Forests.</i>		Rs.	Rs.	Rs.	Rs.	Rs.
Bamboos		218	70,536	1,020	890	72,164
Grazing		..	1,06,110	22,837	585	1,29,032
<i>Other produce.</i>						
Grass (hay, thatch, etc.) ..	2	513	114	..	..	629
Tamarind, soapnuts, gallnuts, nux-vomica, shekoi, etc.	8,830	2,015	..	..	..	10,845
Horns, skins, wax, resin, gum, honey, etc.	..	97	..	..	..	97
Tangedu, etc., barks and fibres, sarasaparilla, etc.	619	2,307	..	..	..	2,926
Date and palmyra leaves, stalks, moduga leaves, etc.	7	137	..	..	..	144
Manure leaves, thorns, etc.	1	206	..	..	..	207
Stone, gravel, etc.	..	854	..	..	..	854
Miscellaneous	1,479	25,488	9	38	..	26,959
Total, Other produce ..	10,938	31,562	123	38	..	42,661
Total, Reserved Forests ..	11,156	2,08,208	23,480	1,013	..	2,43,857
<i>Reserved Lands.</i>						
Bamboos	..	52,298	..	..	..	52,298
<i>Other produce.</i>						
Grass (hay, thatch, etc.) ..	..	99	..	..	..	99
Tamarind, soapnuts, gallnuts, nux-vomica, shekoi, etc.	..	22,543	..	..	..	22,543
Horns, skins, wax, resin, gum, honey, etc.	..	173	..	..	..	173
Tangedu, etc., bark and fibres.	..	5	..	..	..	5
Date and palmyra leaves, etc. ..	..	309	..	..	..	309
Total, other produce ..	..	23,129	..	..	..	23,129
Total, Reserved Lands ..	..	75,427	..	..	..	75,427
<i>Unreserved Forest.</i>						
Bamboos	32	3,121	38	..	..	3,191

Outturn of Minor Forest Produce during the year 1932-33—cont.

		Produce removed or utilized.					
Circle.	Description of produce.	By Govern- ment agency.	By purcha- sers.	By free grantees.	By right- holders.	Total.	
		Value.	Value.	Value.	Value.	Value.	
Unreserves--cont.							
		RS.	RS.	RS.	RS.	RS.	
Wair Circle--cont.	• Other produce.						
	Grass (hay, thatch, etc.) ..	4	197	..	..	201	
	Tamarind, soapnuts, gallnuts, nux-vomica, shekoi, etc.	..	4,265	..	..	4,265	
	Horns, skins, wax, resin, gum, honey, etc.	..	52	..	..	52	
	Tangedu, etc., barks and fibres, sarasaparilla, etc.	..	1,658	..	..	1,658	
	Date and palm leaves, stalks and moduga, leaves.	..	259	782	..	1,041	
	Stone, gravel, etc.	..	861	..	..	861	
	Tree owners' fees	..	33,850	21	..	33,871	
	Miscellaneous	46	7,484	..	..	7,530	
	Total, other produce ..	50	48,626	803	..	49,479	
	Total, Unreserves ..	82	51,747	841	..	52,670	
	Abstract.						
	Bamboos	250	1,25,955	1,058	390	1,27,653	
	Grazing	..	1,06,110	22,337	585	1,29,032	
	Other minor produce	10,988	1,03,317	926	38	1,15,269	
	Total ..	11,238	3,35,382	24,321	1,013	3,71,954	
	Reserves.						
Bamboos	1,630	69,952	210	1	71,793		
Grazing	..	1,55,688	..	4,252	1,59,940		
Fodder grass	..	1,248	..	..	1,248		
Penning fees	..	4,687	..	..	4,687		
Total ..	..	1,61,623	..	4,252	1,65,875		
Minor forest produce.							
Bellary Circle.	Grass (hay, thatch, etc.) ..	83	574	6	..	663	
	Tamarind, soapnuts and nux-vomica.	..	2,409	..	..	2,409	
	Stone, gravel and earth ..	..	3,600	..	..	3,600	
	Date, palmyra and plate leaves..	..	822	30	..	852	
	Tooki leaves	..	5,928	..	..	5,928	
	Horns, honey, wax, resin, gum and gallnuts.	..	1,298	..	..	1,298	
	Tangedu, rela, yepi and seeds..	61	5,698	..	..	5,759	
	Manure leaves, bats' dung and thorns.	..	1,804	..	1	1,805	
	Miscellaneous including tree- tapping fees and amaroy.	..	4,419	..	..	4,419	
	Total of minor forest produce.	144	28,552	36	1	28,733	
	Grand total of grazing and minor forest produce of Reserves.	144	1,88,175	36	4,253	1,92,608	

Outturn of Minor Forest Produce during the year 1932-33—cont.

Circle.	Description of produce.	Produce removed or utilized.				
		By Govern- ment agency.	By purcha- sers.	By free grantees.	By right- holders.	Total.
		Value.	Value.	Value.	Value.	Value.
<i>Unreserves.</i>						
Minor forest produce.						
Bellary Circle—cont.	Thatch grass and palmyra leaves.	..	10	65	..	75
	Tamarind, soapnuts and nux-vomica.	..	31,663	..	..	31,663
	Stone, gravel and earth ..	..	5,089	..	..	5,089
	Date, palmyra and plate leaves.	..	27	17	..	44
	Manure leaves, bats' dung and thorns.	..	236	..	..	236
	Tangedu, rela, yepi and seeds ..	8	46,242	..	..	46,250
	Tooki leaves ..	..	2,442	..	..	2,442
	Miscellaneous including tree-tapping fees.	..	1,06,490	..	..	1,06,490
	Total of minor forest produce of Unreserves.	8	1,92,199	82	..	1,92,289
	Grand total of bamboos of Reserves and Unreserves.	1,630	69,952	210	1	71,793
	Grand total of grazing and minor forest produce of Reserves and Unreserves.	152	3,80,374	118	4,253	3,84,897
	<i>Reserved Forests.</i>					
	Bamboos	5	1,23,029	54	..	1,23,088
	Grass and grazing	..	1,76,868	..	264	1,77,132
	Other minor produce.					
Salem Circle.	Avaram, konnai, etc., barks ..	1	4,389	..	..	4,390
	Date, palmyra, tooki plate, etc., leaves.	..	256	..	..	256
	Manure leaves	..	5,118	..	..	5,118
	Stone, gravel, sand, etc. ..	..	2,504	..	..	2,504
	Soapnuts, gallnuts, tamarind, nux-vomica, etc. ..	..	11,592	..	..	11,592
	Leo	227	..	..	..	227
	Miscellaneous	408	10,748	..	..	11,156
	Total	636	34,807	..	..	35,243
	<i>Reserved Lands.</i>					
	Grass and fodder	..	304	..	..	304
	Manure leaves	..	2,160	..	..	2,160
	Total	..	2,464	..	..	2,464
	<i>Unreserves.</i>					
	Bamboos	..	40	158	..	198

Outturn of Minor Forest Produce during the year 1932-33—cont.

Circle.	Description of produce.	Produce removed or utilized.				
		By Govern- ment agency.	By purcha- sers.	By free grantees.	By right- holders.	Total.
		Value.	Value.	Value.	Value.	Value.
		RS.	RS.	RS.	RS.	RS.
Salem Circle—cont.	<i>Unreserved—cont.</i>					
	Other produce.					
	Avaram, konnai, etc., barks ..	..	2,913	..	..	2,913
	Date, palmyra, tooki plate, etc.	..	1,825	407	..	2,232
	Manure leaves	..	513	..	..	513
	Stone, gravel, sand, etc. ..	..	3,438	..	..	3,438
	Soapnut, gallnuts, tamarind, etc.	..	173	..	..	173
	Miscellaneous including tree tapping fees, etc.	..	65,885	14	..	65,899
	Total ..	..	74,747	421	..	75,168
	<i>Leased forests—Nil.</i>					
	<i>Abstract.</i>					
	Bamboos	5	1,23,069	212	..	1,23,286
	Grass and grazing	..	1,77,172	..	264	1,77,436
	Other produce	636	1,11,514	421	..	1,12,571
	Grand Total ..	641	4,11,755	633	264	4,13,293
	<i>Reserved Forests.</i>					
	Bamboos	..	40,714	..	..	40,714
	Grazing	..	1,16,792	15	1,669	1,18,476
	Fodder grass	..	1,076	..	..	1,076
Total ..	..	1,17,868	15	1,669	1,19,552	
Other produce.						
Tamarind, gallnuts, soapnuts, cardamoms, dammer, vembada- m, avaram barks konnai, etc.	..	51,086	..	..	51,086	
Pungam and sandal seeds ..	19	1,551	..	..	1,570	
Date leaves, korai, eachem grass, kaya leaves, manure leaves, and usufructs of palmyra.	..	3,879	..	610	4,489	
Stones, gravel, tree mess, usu- fructs of trees, metal and rough stone.	..	7,079	..	..	7,079	
Deer horns, sambur horns, honey, shekoi, wax, tusks, etc.	859	810	..	..	1,669	
Miscellaneous	..	723	..	..	723	
Total ..	879	65,128	..	610	66,616	
<i>Unreserved Land.</i>						
Bamboos	..	4	..	..	4	
Other produce.						
Avaram, konnai, amroy ..	..	2,571	..	..	2,571	
Sivayijana tree tax, fees on tree stones, gravel, rough stone.	..	7,529	..	..	7,529	
Usufructs of trees, palmyras tamarind, gallnuts.	..	11,217	..	..	11,217	

Outturn of Minor Forest Produce during the year 1932-33—cont.

Circle.	Description of produce.	Produce removed or utilized.				
		By Govern- ment agency.	By pur- chasers.	By free grantees.	By right- holders.	Total.
		Value.	Value.	Value.	Value.	Value.
Coimbatore Circle—cont.	<i>Unreserved Land—cont.</i>					
	<i>Other produce—cont.</i>	Rs.	Rs.	Rs.	Rs.	Rs.
	Kaya leaves, korai grass, manure leaves sambur and fodder grass.	..	4,232	..	..	4,232
	Miscellaneous	..	3,067	..	..	3,067
	Total	..	28,616	..	..	28,616
	<i>Abstract.</i>					
	Bamboos	..	40,718	..	..	40,718
	Grazing and fodder grass	..	1,17,868	15	1,669	1,19,552
	Other produce	878	93,744	..	610	95,232
	Total	878	2,52,330	15	2,279	2,55,502
Ootacamund Circle.	<i>Reserved Forests.</i>					
	Bamboos	4,397	13,772	25	..	18,194
	Grazing and fodder grass	176	28,167	798	..	29,141
	<i>Other minor produce—cont.</i>					
	Stones, gravel, etc.	..	442	..	..	442
	Canes	8	95	1	..	94
	Wood oil	..	228	..	..	228
	Catechu trees	..	2,263	..	..	2,263
	Cardamoms	..	1,657	..	..	1,657
	Other items including tusks.	1,143	13,066	85	..	14,244
Ootacamund Circle—cont.	Total	1,151	17,741	36	..	18,928
	Total, Reserves	5,724	59,680	859	..	66,263
	<i>Reserved Lands.</i>					
	Bamboos	..	69	..	..	69
	Grazing and fodder grass	..	..	409	..	409
	Total for Reserved Lands	..	69	409	..	478
	<i>Leased Forests.</i>					
	Bamboos	1,179	379	..	..	1,558
	Other minor produce	..	55	..	..	55
	Total for Leased Forests	1,179	434	..	..	1,613
	<i>Unreserved Lands.</i>					
	Bamboos	..	18	..	..	18

Outturn of Minor Forest Produce during the year 1932-33—cont.

Circle.	Description of produce.	Produce removed or utilized.				
		By Govern- ment agency.	By pur- chasers.	By free grantees.	By right- holders.	Total.
		Value.	Value.	Value.	Value.	Value.
Ootacamund Circle—cont.	<i>Unreserved Lands—cont.</i>	Rs.	Rs.	Rs.	Rs.	Rs.
	<i>Other minor produce.</i>					
	Stones, gravel, etc.	..	1,265	..	..	1,265
	Catechu trees	..	17	..	..	17
	Other items	..	5,114	..	..	5,114
	Total, for Unreserved Lands	..	6,414	..	..	6,414
	<i>Abstract.</i>					
	Bamboos	5,576	14,238	25	..	19,839
	Grazing and fodder grass	176	28,167	1,207	..	29,550
	Other produce	1,151	24,192	36	..	25,379
Total, Presidency.	Grand total	6,903	66,597	1,268	..	74,768
	<i>Reserved Forests.</i>					
	Bamboos	6,250	3,18,003	1,309	391	3,25,953
	Grazing	176	5,90,636	23,150	6,770	6,20,732
	Other produce	13,747	1,75,590	195	649	1,90,181
	<i>Reserved Lands.</i>					
	Bamboos	..	52,367	..	..	52,367
	Grazing	..	304	409	..	713
	Other produce	..	25,289	..	..	25,289
	<i>Unreserved Lands.</i>					
Grand total, Presidency.	Bamboos	32	3,183	195	..	3,411
	Grazing	58	3,50,584	1,306	..	3,51,948
	Other produce	..	..	..	..	..
	<i>Leased Forests.</i>					
	Bamboos	1,179	379	..	..	1,558
	Grazing	..	55	..	..	55
	Other produce	..	..	..	..	..
	Bamboos	7,461	3,73,932	1,505	391	3,83,289
	Grazing	176	5,90,940	23,559	6,770	6,21,445
	Other produce	13,805	5,51,518	1,501	649	5,67,473
	Total	21,442	15,16,390	26,565	7,810	15,72,207

ANNUAL FORM No. 87.

Forest Department, Madras Presidency.

Account of Timber, Fuel, Bamboos and Minor Produce cut or collected by Government agency and brought to depot, sold locally or otherwise disposed of during 1932-33.

Name of district.	Balance at commencement of the year in forest and sale depots.	Received during the year.	Total.	Disposed of during the year.	Balance in hand at close of the year in forest and sale depots.
Waltair Circle.					
TIMBER (IN THOUSANDS OF CUBIC FEET).					
Ganjam	..	15	15	{ (a) 8 (b) 1 (9) (c) 3 }	6
Parlakimedi Maliahs	..	3	3	(a) 3	..
Visagapatam	..	13	13	(a) 11 (b) 2	2
Godavari, Upper	6	69	75	(a) 55 (57) (b) 2	18
Do. Lower	8	1	9	(a) 7 (b) 2	2
Total	14	101	115	87	28

SANDAL WOOD.

Visagapatam	..	{ 2 trees 8 qrs. }	2 8 qrs.	(a) 2 8 qrs. }	..
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TIMBER (IN THOUSANDS OF CUBIC FEET).

Bellary Circle.					
Anantapur	..	..	..	(a) ..	..
Kurnool, East	2	7	9	(a) 9	..
Do. South	22	38	60	(a) 58 (b) 1	1
Do. West	3	8	11	(a) 7	4
Cuddapah, North	..	2	2	(b) 1	1
Do. South	..	2	2	(a) 2	..
Total	27	57	84	78	6

Salem Circle.

Chittoor	..	1	1	1	..
Vellore, East	2	3	5	5	..
Do. West	..	2	2	1	1
Salem, North	3	10	13	12	1
Do. Central	..	4	4	4	..
Do. South	..	..	..	..	..
Total	5	20	25	23	2

Coimbatore Circle.

Kollegal	..	(a) 6	6	(a) 5	1
Coimbatore, North	2	(a) & (b) 13	14	14	1
Do. South	169	6	175	(c) 92	83
Valparai Sawn timber (scantlings)	..	2	2	2	..
Madura	1	1	2	1	1
Tinnevely	1	8	9	2	7
Forest Utilization Officer Sawn timber, Pollachi Depot	A 3,339	..	3,339	1,756	1,583
Total	3,512	36	3,548	1,872	1,676

Note for Waltair and Bellary Circles.—(a) Sold departmentally. (b) Used departmentally. (c) Written off.

Account of Timber, Fuel, Bamboos and Minor Produce cut or collected by Government agency and brought to depot, sold locally or otherwise disposed of during 1932-33—cont.

Name of district.	Balance at commencement of the year in forest and sale depots.	Received during the year.	Total.	Disposed of during the year.	Balance in hand at close of the year in forest and sale depots.
SLEEPERS (IN NUMBERS).					
Coimbatore, South	..	..	..	..	..
Valparai, { B.G.	3,425	{ 11,466 (d) 346	{ 14,891 (d) 346	{ 9,910 (d) 346	{ 4,981 (d) 346
{ M.G.	1,755	{ 3,201 (d) 484	{ 4,956 (d) 484	{ 2,358 (d) 484	{ 2,598 (d) 484

TIMBER (IN THOUSANDS OF CUBIC FEET).

Ootacamund Circle.					
Mangalore, North	42	67	109	(a) 74 (b) 1	34
Mangalore, South	108	211	(i) 319	(a) 150 (b) 3 (c) 1 (d) 6 (e) 43 (f) 2	114
Forest Utilization Officer (sawn timber).	11	6	17	17	..
Total, for Mangalore, South.	119	217	336	222	114
Wynaad	386	170	556	(a) 293 (b) 12 (c) 37 (d) 2 (e) 2	210
Forest Utilization Officer (sawn timber).	1	..	1	5	5
Total, for Wynaad ..	387	170	557	246.5	210.5
Nilambur	405	166	571	(a) 382 (b) 2 (c) 6	181
Forest Utilization Officer (sawn timber).	3	..	3	3	..
Total, for Nilambur ..	408	166	574	393	181
The Nilgiris	56	3	59	(a) 46	13
Palghat	13	146	159	(a) 74 (g) 65	20
Total for Ootacamund Circle.	1,025	769	1,794	1,221.5	572.5
Total, Presidency ..	A 1,244 + 3,339	983	5,566	3,282	2,284

Note for Ootacamund Circle.—(a) Sold. (b) Used for departmental works. (c) Written off. (d) Handed to Forest Utilization Officer. (e) Supplied to Railways. (f) Handed to District Forest Officer, North Mangalore. (g) Deficits due to sawing, resquaring, difference in remeasurement, etc. (h) Overseas consignment. (i) Includes 960 cubic feet of sandalwood.

A. Represents 3,339 thousands of cubic feet (Forest Utilization Officer) sawn timber, Pollachi Depot.

Account of Timber, Fuel, Bamboos and Minor Produce out or collected by Government agency and brought to depot, sold locally or otherwise disposed of during 1932-33—cont.

Name of district.	Balance at commencement of the year in forest and sale depots.	Received during the year.	Total.	Disposed of during the year.	Balance in hand at close of the year in forest and sale depots.
FUEL (IN THOUSANDS OF CUBIC FEET).					
<i>Waltair Circle.</i>					
Ganjam	3	10	13	(a) 7	6
Parlakimedi Maliahs ..	43	19	62	(a) 54	8
Vizagapatam	1	5	6	(a) 4	2
Godavari, Upper	..	4	4	(a) 4	..
Do. Lower	21	44	65	(a) 26	39
Guntur	(d) 10	10	20	(a) 12	8
Nellore	4	12	16	(a) 11	5
				(b) 4	1
Total ..	82	104	186	129	64
<i>Bellary Circle.</i>					
Anantapur	1	3	4	(a) 2	2
Kurnool, East	..	11	11	(a) 9	2
Do. South	..	5	5	(a) 1	4
Do. West	62	83	145	(a) 85	60
Cuddapah, North	8	30	38	(a) 19	19
Do. South	6	53	59	(a) 33	26
Total ..	77	185	262	149	113
<i>Salem Circle.</i>					
Chittoor	11	22	33	15	18
Vellore, East	22	20	42	30	12
Do. West	..	9	9	1	8
Salem, North	2	6	8	6	2
Do. Central	18	18	36	19	17
Do. South	11	13	24	11	13
Total ..	64	88	152	82	70
<i>Coimbatore Circle.</i>					
Coimbatore, South	..	1	1	1	..
Madura	1	(e) 8	(a) 9	(f) 6	(g) 3
Total ..	1	9	10	7	3
<i>Ootacamund Circle.</i>					
Mangalore, North	2	101	103	(a) 102	1
Do. South	8	..	8	(a) 8	..
Nilgiris	119	571	690	599	91
Palghat	..	33	33	(a) 33	..
Total ..	129	705	834	742	92
Grand total, Presidency ..	(d) 353	1,091	1,444	1,102	343

Note for Waltair Circle.—(a) Sales. (b) Used departmentally. (c) Written off.
(d) Includes one thousand cubic feet not shown in 1931-32.

Account of Timber, Fuel, Bamboos and Minor Produce out or collected by Government agency and brought to depot, sold locally or otherwise disposed of during 1932-33—cont.

Name of district.	Balance at commencement of the year in forest and sale depots.	Received during the year.	Total.	Disposed of during the year.	Balance in hand at close of the year in forest and sale depots.
BAMBOOS (IN NUMBER).					
<i>Waltair Circle.</i>					
Ganjam	..	9,610	9,610	(b) 9,610	..
Parlakimedi Maliahs ..	..	..	..	(a) 950	..
Vizagapatam	..	950	950	(b) 4,197	..
Godavari, Upper	..	4,197	4,197	(a) 3,763	..
Do. Lower	..	3,763	3,763	(a) 6	..
Guntur	..	6	6	(a) 59	..
Nellore	..	59	59	(c) 59	..
Total ..	..	18,585	18,585	18,585	..
<i>Bellary Circle.</i>					
Anantapur	..	200	200	(b) 200	..
Kurnool, East	..	34,402	34,402	(a) 33,531	..
	..	..	..	(b) 871	..
Do. South	..	239	25,348	(a) 239	200
Do. West	..	..	25,587	(b) 25,148	..
Cuddapah, North	..	..	3,000	(b) 3,000	..
Do. South	..	..	3,000	(b) 3,000	..
Total ..	..	239	65,950	65,189	200
<i>Salem Circle.</i>					
Chittoor	..	60	60	60	..
Vellore, East	..	47	47	47	..
Do. West	..	..	200	200	..
Salem, North	..	..	..	..	..
Do. Central	..	..	455	455	..
Do. South	..	..	..	..	..
Total ..	..	762	762	762	..
<i>Ootacamund Circle.</i>					
Mangalore, North	..	520	520	(b) 436	84
Do. South	..	3,780	3,780	3,780	..
Wynad	..	11,952	12,477	12,477	..
Nilambur	..	189	69,047	(a) 65,299	..
	..	..	..	(b) 2,503	244
	..	..	..	(c) 1,001	..
Palghat	..	4,387	5,850	(a) 8,962	..
	..	..	..	(b) 1,275	..
Total ..	..	5,101	90,960	95,733	328
Grand total, Presidency ..	..	5,340	176,257	181,597	528

Note for Waltair Circle.—(a) Sold departmentally. (b) Used departmentally. (c) Written off.

Account of Timber, Fuel, Bamboos and Minor Produce cut or collected by Government agency and brought to depot, sold locally or otherwise disposed of during 1932-33—*cont.*

Name of district,	Balance at commencement of the year in forest and sale depots.	Received during the year.	Total.	Disposed of during the year.	Balance in hand at close of the year in forest and sale depots.
MINOR FOREST PRODUCE (IN QUARTERS OF 28 LB.).					
<i>Waltair Circle.</i>					
Ganjam	..	179	179	(b) 179	..
Parlakimedi Maliahs ..	20	42	62	(a) 52	10
Vizagapatam	39	270	309	(a) 208	106
Godavari, Upper	433	2,201	2,634	(b) 2,031	603
Do. Lower	134	154	288	(a) 129	116
Guntur	4	581	585	(a) 448	137
Nellore	7,872	14,278	22,150	(a) 9,054	6,382
				(b) 166	
				(c) 6,548	
Total ..	8,502	17,705	26,207	18,853	7,354
<i>Bellary Circle.</i>					
Anantapur	9	85	94	(b) 62	32
Kurnool, East	15	133	148	(b) 147	1
Kurnool, South	300	309	609	(b) 300	309
Kurnool, West	107	208	315	(b) 244	71
Cuddapah, North	264	560	824	(a) 8	184
Cuddapah, South	204	731	935	(b) 632	216
				(b) 719	
Total ..	899	2,026	2,925	2,112	813
<i>Salem Circle.</i>					
Chittoor	80	89	169	136	23
Vellore, East	437	190	627	554	73
Do. West	..	101	101	87	14
Salem, North	349	376	725	562	163
Do. Central	91	88	179	161	28
Do. South	108	90	198	148	50
Total ..	1,065	934	1,999	1,638	361

Notes for Waltair Circle.—(a) Sold departmentally. (b) Used departmentally. (c) Written off.
Notes for Bellary Circle.—(a) Sold departmentally. (b) Used departmentally.
Notes for Salem Circle.—Timber includes sandalwood.

* One quarter 3 lb. of lac was omitted in the district figure last year.

Account of Timber, Fuel, Bamboos and Minor Produce cut or collected by Government agency and brought to depot, sold locally or otherwise disposed of during 1932-33—*cont.*

Name of district	Balance at commencement of the year in forest and sale depots.	Received during the year.	Total.	Disposed of during the year.	Balance in hand at close of the year in forest and sale depots.
MINOR FOREST PRODUCE (IN QUARTERS OF 28 LB.)—<i>cont.</i>					
<i>Coimbatore Circle.</i>					
Coimbatore, North ..	20	166	186	86	100
Do. South	(h) 48	531	579	(i) 191	388
Madura	8	96	99	49	50
Tinnevely	8	244	252	95	157
Total ..	79	1,037	1,116	421	695
<i>Ootacamund Circle.</i>					
Mangalore, North ..	6	..	6	1	5
Do. South	..	1	1	1	..
Wynad	3	1	4	3	1
The Nilgiris	189	350	539	475	64
Palghat	..	1	1	1	..
Total ..	198	353	551	481	70
Grand total, Presidency. (k)	10,743	22,055	32,798	23,505	9,293

Notes for Coimbatore Circle.—Under other minor produce are included seeds, one measure being equal to one lb.

(a) Includes sandalwood, 2 quarters being equal to 1 cubic foot.

(b) Includes sandalwood received from Kollegal.

(c) Includes (1) 2,838 cubic feet utilized departmentally;

(2) 8,809 cubic feet eliminated from Form No. 6, the quantity having been sold and value booked in commercial concern in 1931-32; and

(3) 11,502 cubic feet written off.

(d) Represent rejected sleepers.

(e) Includes 5,000 lb. of charcoal (40 lb. = 1 cubic foot).

(f) Includes 1,350 lb. of charcoal (do. do.).

(g) Includes 3,650 lb. of charcoal (do. do.).

(h) Revised figure.

(i) Includes 15 bags of seeds sent to the Forest Research Institute, Dehra Dun, 4 to the Range Officer, Etawah, and 3 to the District Forest Officer, North Coimbatore.

Notes for Ootacamund Circle.—(a) Sold. (b) Used for departmental works. (c) Written off.
 (k) Revised figures adopted.

Statement showing the value of timber and other produce at sale depots for the year 1932-33—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.
				RS.			RS.		RS.
<i>Coimbatore Circle—cont.</i>									
Madura ..	Timber ..	..	416	153	..	292	95	..	..
	Fuel ..	..	515	64	..	3,350	419	335	58
	Charcoal ..	..	..	..	..	91	61	61	..
	Brake poles ..	295	295	74	218	248	62	..	..
	Sandalwood ..	..	..	..	..	1	41	41	12
	Seeds ..	MRS. (e) 18	..	1	LB. 418	..	304	303	..
Tinnevely ..	Lao ..	LB. 67	..	21	LB. 1,389	..	434	418	..
	Timber ..	..	875	209	..	6,579	1,190	981	..
	Sandalwood ..	..	31	171	..	7	150	..	31
	Seeds ..	LB. 234	..	292	..	..	..	..	292
	Timber ..	..	64,794	90,071	..	39,018	33,340	..	56,731
	Sawn timber ..	..	3,339	3,330	..	1,583	1,583	..	1,747
Abstract ..	Brake poles ..	295	295	74	..	248	62	..	12
	Sandalwood ..	..	1,516	32,841	..	449	9,893	..	22,948
	Spokes and felloes.	SETS. 201	2,211	3,388	SETS. 150	1,650	1,949	..	1,439
	Sleepers—	QRS. 3,291	..	..	QRS. 4,944	..	..	..	..
	B.G. ..	..	..	27,554	..	2,543	29,053	1,499	..
	M.G. ..	..	1,648	..	..	..	..	..	..
Abstract ..	Fuel ..	..	515	64	..	3,350	419	335	..
	Charcoal ..	..	..	..	..	91	61	61	..
	Sambur and deer horns.	QRS. 15	..	41	QRS. 81	..	212	171	..
	Honey and ware.	..	..	..	QRS. 9	..	35	35	..
	Gallnuts ..	..	..	..	QRS. 5	..	7	7	..
	Seeds ..	MRS. 149	..	..	MRS. 140	..	..	..	..
Abstract ..	Lao ..	LB. 234	..	297	LB. 418	..	308	11	..
	..	..	..	..	..	..	..	..	..
	Lao ..	LB. 67	..	21	LB. 1,389	..	434	418	..
	..	..	..	..	..	..	..	..	..
	Total ..	..	..	1,57,681	..	..	77,356	..	80,325
	..	..	..	..	..	..	..	..	..

Note for Coimbatore Circle.

Factor of conversion—

Sandalwood 2 qrs. = 1 c.ft.

Charcoal 40 lb. = 1 c.ft.

1 set of spokes and felloes = 11 c.ft.

1 brake pole = 1 c.ft.

(a) Omitted in the return for 1931-32.

(b) Closing balance with the Forest Utilization Officer in 1931-32 shown as opening balance in the district for 1932-33.

(c) Includes 396 B.G. and 163 M.G. rejections.

(d) Includes 443 B.G. and 264 M.G. rejections.

(e) One measure of seeds is equal to 1 lb.

Statement showing the value of timber and other produce at sale depots for the year 1932-33—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.
				RS.			RS.	RS.	RS.
<i>Ootacamund Circle.</i>									
Mangalore, North.	Timber ..	..	38,337	28,812	..	24,485	15,871	..	12,941
	Do. ..	..	19,994	26,450	..	35,132	32,365	5,915	..
Mangalore, South.	Do. ..	..	..	..	..	..	..	..	..
	Forest Utili- sation division.	..	11,153	11,270	..	..	..	..	11,270
Total, Mangalore, South.	..	..	31,147	37,720	..	35,132	32,365	..	5,355
Wynaad ..	Timber ..	..	165,417	3,21,421	..	19,748	42,762	..	2,78,659
	Forest Utili- sation division.	..	1,438	900	..	749	350	..	550
Total, Wynaad.	..	..	166,855	3,22,321	..	20,497	43,112	..	2,79,209
Nilambur ..	Timber ..	..	138,119	79,424	..	59,940	1,15,870	36,446	..
	..	..	374,458	4,68,277	..	140,054	2,07,218	..	2,61,059
Total for Ootacamund Circle.	..	..	..	6,53,141	..	..	3,00,496	..	3,52,645
Total, Presi- dency.	..	..	..	..	..	..	..	..	..
	Fuel ..	..	..	3,790	..	..	4,461	671	..
Minor forest produce.	..	..	..	6,061	..	..	5,936	..	125
	..	..	..	B. 6,62,992	..	..	3,10,893	..	3,52,099
Grand total, Presidency.	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..

* Includes Forest Utilization Officer's sawn timber of 2,772 c.ft.
B. Revised figure adopted.

ANNUAL FORM No. 39.

Forest Department, Madras Presidency.

Summary of Revenue of the different districts, 1932-33.

Budget heads.	Direction.	Ganjam.	Parlakimedi.	Visagapatnam.	Golconda Agency.	Godavari, Upper.	Godavari, Lower.	Guntur.	Nellore.	Total.
WALTAIR CIRCLE.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
VIII. Forest Receipts.										
(a) Timber and other produce removed from the forests by Government Agency—										
Sandalwood ..	..	..	..	50	..	..	4	..	..	54
Other produce—										
Timber ..	..	2,616	2,317	4,416	2,977	32,311	3,295	34	1	47,067
Firewood and charcoal.	..	782	1,968	82	..	32	2,482	18	767	6,131
Bamboos ..	..	5	..	..	..	..	..	..	..	5
Other minor produce.	(N) 1,399	..	175	57	..	..	7	9	5,742	7,289
Total ..	1,299	3,403	4,460	4,555	2,977	32,343	5,784	61	6,510	61,392
Total, (a) ..	1,299	3,403	4,460	4,605	2,977	32,343	5,788	61	6,510	61,446
(b) Timber and other produce removed from the forests by consumers or purchasers—Forest Department—										
Timber ..	..	14,225	6,707	225	388	19,704	12,769	462	78	54,518
Firewood and charcoal.	(D) 2	29,556	4,558	5,135	..	206	53,718	13,622	58,343	1,67,440
Bamboos ..	..	6,137	4,161	19,580	430	17,338	76,180	2,050	..	1,25,376

ANNUAL REPORT OF THE

Summary of Revenue of the different districts, 1932-33—cont.

Budget heads.	Direction.	Ganjam.	Parlakimedi.	Visagapatnam.	Golconda Agency.	Godavari, Upper.	Godavari, Lower.	Guntur.	Nellore.	Total.
WALTAIR CIRCLE.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
VIII. Forest Receipts—cont.										
(b) Timber and other produce removed from the forests by consumers or purchasers—cont. Forest Department—cont.										
Grazing and fodder.	..	9,799	1,543	2,466	266	8,662	14,995	45,002	23,384	1,06,107
Grass.										
Other minor produce.	(D) 115	1,117	13,472	7,242	..	4,974	28,744	2,989	1,018	59,671
Total, Forest Department.	117	60,834	30,441	33,948	1,084	50,874	1,86,406	67,115	82,823	6,13,642
Revenue Department—										
Timber ..	..	11,738	..	600	..	..	3,990	856	1,671	18,855
Firewood and charcoal.	..	3,170	..	767	..	..	966	6,470	1,526	12,898
Bamboos ..	..	77	..	..	..	..	16,502	13,364	7,571	41,896
Other minor produce.	..	3,229	..	1,230	..	..	..	..	..	77
Total, Revenue Department.	..	18,214	..	2,597	..	..	21,467	20,690	10,768	73,726
Total, (b) ..	117	79,048	30,441	36,545	1,084	50,874	2,07,863	87,805	93,591	5,37,368

(D) Relates to Waltair Circle.

(N) Relates to Nellore.

FOREST DEPARTMENT

Summary of Revenue of the different districts, 1932-33—cont.

Budget heads.	Direction.	Ganjam.	Parlakimedi.	Visaga- patam.	Golgonda Agency.	Godavari Upper.	Godavari Lower.	Guntur.	Nellore.	Total.
WALTAR CIRCLE—cont.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
VIII. Forest Receipts										
—cont.										
(e) Drift and waif- wood and confis- cated forest pro- duce.	..	401	59	65	24	555	2,541	165	43	3,853
(e) Miscellaneous— Fines and forfei- tures.	..	519	121	425	45	788	3,830	1,003	798	7,529
Rents of build- ings.	(D) 95	1,864	185	379	50	1,615	2,097	366	911	7,582
Other sources ..	(D) & (E) 817	14,077	849	2,909	398	2,967	8,536	8,973	7,344	46,870
Total, (e) ..	912	16,460	1,155	3,713	493	5,370	14,463	10,342	9,053	61,961
Total ..	23,280	99,312	36,115	44,928	4,578	89,142	2,30,655	98,373	1,09,197	7,14,628
(s) <i>Deduct—Refunds— Voted— Refunds by Forest Officers.</i>	..	814	16	14	21	38	106	608	114	1,731
Grand total ..	2,328	98,498	36,099	44,914	4,557	89,104	2,30,549	97,765	1,09,083	7,12,897
(D) Relates to Waltair Circle.										
(D) & (E) Out of Rs. 817 Rs. 310 relate to Godavari Lower division.										

Summary of Revenue of the different districts, 1932-33—cont.

Budget heads	Direction.	Anantapur.	Kurnool, East.	Kurnool, South.	Kurnool, West.	Cuddapah, North.	Cuddapah, South.	Total
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
(e) Timber and other produce removed from forests by Government Agency—								
Other produce—								
Timber ..	..	..	5,743	19,969	3,253	10	5,846	34,821
Firewood and charcoal ..	..	..	90	45	940	26	1,127	1,667
Bamboos ..	..	..	1,667	..	..	..	..	..
Total (a) ..	..	..	7,400	20,014	4,193	36	5,872	37,515
(b) Timber and other produce removed from the forests by consumers or purchasers—								
Forest Department—								
Timber ..	..	733	45	22,759	3,634	3,454	1,560	32,245
Firewood and charcoal ..	..	1,381	659	6,088	8,836	11,132	55,487	83,583
Bamboos ..	..	1,062	1,325	42,675	13,009	4,210	7,671	69,952
Grazing and fodder grass ..	..	20,975	31,195	17,097	83,592	37,267	16,803	1,56,929
Other minor produce ..	..	4,299	2,065	2,345	11,189	2,631	3,515	26,044
Total, Forest Department ..	..	28,450	35,289	90,964	70,320	58,694	85,036	3,68,753
Revenue Department—								
Timber ..	..	7,832	262	1,693	2,882	399	1,562	14,630
Firewood and charcoal ..	..	3,330	154	575	1,447	1,202	196	6,904
Other minor produce ..	..	1,25,309	4,251	5,166	44,856	8,382	5,296	1,93,260
Total, Revenue Department ..	..	1,36,471	4,667	7,434	49,185	9,983	7,054	2,14,794
Total (b) ..	..	1,64,921	39,956	98,398	1,19,505	68,677	92,090	5,83,547
(c) Drift and waifwood and confiscated forest produce ..	..	102	274	244	431	315	475	1,841

Summary of Revenue of the different districts, 1932-33—cont.

Budget heads.

Budget heads.	BELLARY CIRCLE—cont.															
	Direction.		Ananta- pur.		Kurnool, East.		Kurnool, South.		Kurnool, West.		Cuddapah, North.		Cuddapah, South.		Total.	
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
VIII. Forest Receipts—cont.																
(e) Miscellaneous—																
Fines and forfeitures ..	..	..	187		217		1,560		1,209		1,577		1,148		5,398	
Rents of buildings ..	..	..	657		1,186		2,069		2,501		1,707		1,425		9,525	
Other sources ..	..	..	9,889		3,131		5,528		10,948		11,472		7,905		49,083	
Total (e)	..	210	10,733		4,514		9,157		14,658		14,756		10,478		64,506	
Total	..	210	1,75,756		52,144		1,27,813		1,38,787		83,784		1,08,915		6,87,409	
(h) Deduct—Refunds—Voted—																
Refunds by Forest officers ..	..	..	2,313		1,704		1,505		1,345		430		344		7,145	
Grand Total	..	210	1,73,443		50,440		1,26,308		1,37,442		83,354		1,08,571		6,80,264	

NOTE.—This return excludes the revenue of Rs. 237 realized in Salem Circle on account of sale of sandalwood, as it will be included in the return of Salem Circle (Rs. 216 of Anantapur division and Rs. 21 of Cuddapah South division).

Summary of Revenue of the different districts, 1932-33—cont.

Budget heads.	Direction.	Provincial Sylviculturist.	Working Plans Division.				Total.
			Palghat.	Lower Godavari.	North Coimbatore and Kollegal.	Tinnevely.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
WORKING PLANS CIRCLE.							
VIII. Forest Receipts.							
(e) Timber and other produce removed from forests by Government Agency—							
Other produce—							
Timber ..	..	..	..	..	..	..	..
	..	17	..	..	..	..	17
(g) Miscellaneous—							
Rents of buildings ..	478	176	..	27	..	4	685
Other sources ..	18	479	10	36	15	3	561
	496	655	10	63	15	7	1,246
Total (g) ..	496	672	10	63	15	7	1,263
Total ..	..	..	..	..	..	..	..
(h) <i>Deduct</i> —Refunds—Voted—							
Refunds by Forest officers ..	..	..	..	17	..	..	17
	..	672	10	46	15	7	1,246
	496	672	10	46	15	7	1,246
Grand Total ..	496	672	10	46	15	7	1,246

Summary of Revenue of the different districts, 1932-33—cont.

Budget heads.	Direction.	East Vellore.	West Vellore.	Chittoor.	North Salem.	Central Salem.	South Salem.	Total.
SALEM CIRCLE.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
VIII. Forest Receipts.								
(a) Timber and other produce removed from forests by Government Agency—								
Bandalwood ..	7,994	80,617	20,313	244	1,40,533	37,749	9,587	2,97,038
Other produce—								
Timber ..		588		2,795	199			3,582
Firewood and charcoal ..					25	529		554
Bamboos ..		3		1				4
Other minor produce ..		305		3	221	3	9	541
Total ..		896		2,799	445	532	9	4,881
Total (a) ..	7,994	61,513	20,313	3,043	1,40,977	38,281	9,596	3,01,717
(b) Timber and other produce removed from the forests by consumers or purchasers—								
Forest Department—								
Timber ..		629		217	130	1,372		2,348
Firewood and charcoal ..		21,354	103	8,131	1,940	27,885	2,726	62,139
Bamboos ..		72,648	8,651	10,499	8,485	18,469	4,912	1,23,664
Grazing and fodder grass ..		38,749	2,986	22,945	30,469	58,997	22,049	1,76,205
Other minor produce ..	16	13,637	766	6,026	3,448	5,733	8,196	37,822
Total, Forest Department ..	16	1,47,017	12,516	47,818	44,472	1,12,456	37,883	4,02,178
Revenue Department—								
Timber ..		11,547	111	8,495	1,722	8,823	7,884	33,582
Firewood and charcoal ..		10,286	136	2,160	830	3,654	3,723	20,789
Bamboos ..						40		40
Other minor produce ..		22,408	747	9,346	8,180	15,841	16,975	73,497
Total, Revenue Department ..		44,241	994	16,901	10,732	28,358	28,582	1,27,408
Total (b) ..	16	1,91,258	13,510	62,819	55,204	1,40,814	66,465	5,30,086

Summary of Revenue of the different districts, 1932-33—cont.

Budget heads.	Direction.	East Vellore.	West Vellore.	Chittoor.	North Salem.	Central Salem.	South Salem.	Total.
SALEM CIRCLE—cont.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
VIII. Forest Receipts—cont.								
(c) Drift and waifwood and confiscated forest produce ..		136	59	133	51	156	135	670
(e) Miscellaneous—								
Fines and forfeitures ..		2,513	350	498	445	4,582	1,468	9,856
Rents of buildings ..		2,558	168	2,419	1,063	1,378	419	8,005
Other sources ..	389	20,006	1,471	7,869	6,697	19,227	12,993	67,652
Total (e) ..	389	25,077	1,989	10,786	7,205	25,187	14,880	86,613
Total ..	8,399	2,97,984	35,871	76,781	2,03,437	2,04,438	91,076	9,17,986
(A) Deduct—Refunds—Voted—								
Refunds by Forest officers ..		4,914	2,629	122	6	1,298	1,227	10,196
Grand Total ..	8,399	2,93,070	33,242	76,659	2,03,431	2,03,140	89,849	9,07,790

Summary of Revenue of the different districts, 1932-33.--*cont.*

Budget heads.	Direction.	Kollegal.	Coimbatore, North.	Coimbatore, South.	Madura.	Tinnevely.	Tanjore.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
COIMBATORE CIRCLE.								
VIII. Forest Receipts.								
(a) Timber and other produce removed from the forests by Government Agency—	12,600	7	1,94,000	..	9	..	..	(a) 2,06,616
Sandalwood	..	..	..	..	..	..	..	..
Other produce—	..	..	..	..	..	..	..	..
Timber	..	1,094	744	(b) 209,978	994	(d) 3,764	..	2,16,574
Firewood and charcoal	..	..	..	35	317	13	..	365
Bamboos	..	..	..	..	..	..	..	..
Other minor produce	..	94	246	.. 538	..	..	..	.. 878
(b) Timber and other produce removed from the forests by consumers or purchasers—	..	..	..	..	..	..	..	..
Forest Department—	..	..	..	..	..	..	..	..
Timber	..	315	526	64,837	1,323	885	..	67,886
Firewood and charcoal	..	630	22,634	13,881	60,208	28,066	1,457	1,26,876
Bamboos	..	7,453	25,637	3,337	2,619	1,868	..	40,714
Grazing and fodder grass	..	47,652	35,571	4,159	22,544	7,942	901	1,18,769
Other minor produce	..	2,179	(c) 8,834	6,294	38,315	9,816	1,943	67,681
Revenue Department—	..	..	..	..	..	..	..	..
Timber	..	872	3,719	1,196	4,276	17	7	10,087
Firewood and charcoal	..	189	2,076	902	5,179	13,778	3,361	25,486
Bamboos	..	..	..	1	3	4	..	..
Other minor produce	..	661	2,022	1,963	9,177	14,732	2,664	31,119
(c) Drift and waifwood and confiscated forest produce	..	62	122	40	428	325	2	979
(e) The amount is distributed as follows :—								
Kollegal	..	..	..	..	..	..	..	..
Madura	..	..	..	..	..	..	..	..
North Coimbatore	..	..	..	..	..	..	..	..
				Total ..				2,06,616

(b) Excludes a sum of Rs. 588 realized in Vellore division, Salem Circle.

(c) Excludes Rs 600 relating to the Nilgiri district.

(d) Excludes Rs. 4,817 credited in the Salem Circle

(c) Rupees 27-10-0 or Rs. 28 added with reference to the Accountant-General's March Final adjustment.

Summary of Revenue of the different districts, 1932-33—cont.

Budget heads.	Direction.	Kollegal.	Coimbatore, North.	Coimbatore, South.	Madura.	Tinnevely.	Tanjore.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
COIMBATORE CIRCLE—cont.								
VIII. Forest Receipts—cont.								
(e) Miscellaneous—								
Fines and forfeitures	1	51	372	214	494	479	..	1,611
Rents of buildings	10	1,292	1,111	2,665	2,300	1,664	11	9,053
Other sources	17	5,415	17,167	5,553	22,876	9,827	4,343	65,198
Total	12,628	68,266	3,14,781	3,15,593	1,71,062	92,976	14,589	9,89,895
(h) Deduct—Refunds—Voted— Refunds by Forest officers	..	1,032	3,498	726	1,644	429	17	+ (e) 28 7,346
Net Total	12,628	67,234	3,11,283	3,14,867	1,69,418	92,547	14,572	9,82,577

(h) *Deduct—Refunds—Voted—*
Refunds by Forest officers

Summary of Revenue of the different districts, 1932-33—cont.

Budget heads.		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
OOTACAMUND CIRCLE.		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
VIII. Forest Receipts.		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
(a) Timber and other produce removed from forests by Government Agency—		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Sandalwood		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Other produce—		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Timber		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Firewood and charcoal		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Bamboos		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Other minor produce		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Total		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Total (a)		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	

(1) Timber and other produce removed from the forests by consumers or purchasers—

Forest Department—		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Timber		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Firewood and charcoal		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Bamboos		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Grazing and fodder grass		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Other minor produce		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Total, Forest Department		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Revenue Department—		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Timber		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Firewood and charcoal		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Bamboos		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Other minor produce		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Total, Revenue Department		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Total (b)		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	

Summary of Revenue of the different districts, 1932-33—cont.

Budget heads.		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
OOTACAMUND CIRCLE—cont.		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
VIII. Forest Receipts—cont.		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
(c) Drift and waifwood and confiscated forest produce.		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
(e) Miscellaneous—		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Fines and forfeitures		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Forest College		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Rents of buildings		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Other sources		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Total (c)		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Total		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
(d) Defect—Refunds—Voted—		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Refunds by Forest officers		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Grand total		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	
Total		Direction.		Mangalore, Mangalore, South.		Wynaad.		The Nilgiris.		Palghat, Nilambur.		Total.	

(e) Excludes Rs. 181 realized from South Coimbatore.

Summary of Expenditure of the different districts for the year 1932-33.

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Account heads (major, minor and sub-heads and units of appropriation).

WALTAP CIRCLE.

8. b. Forest Conservancy, Maintenance and Regeneration.

A. Forest produce removed by Government agency—Voted—

Timber
Firewood and charcoal
Bamboos
Sandalwood

Grass and other minor produce from the forest by consumers and purchasers

B. Timber and other produce removed
C. 1. Feed and upkeep of cattle
2. Renewals or replacements of stores, tools and plant

D. 1. Roads and bridges

2. Buildings—

Non-voted—

Rates and taxes

Voted—

Buildings

Forest College

Other works

E. 1. Regeneration

2. Fire protection

3. Other works—

Voted—

Maintenance of boundaries

Forest surveys

Other items

(a) Relates to Lower Godavari division.

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	Direction.	Gajum.	Parlakimedi.	Visagapatam.	Golconda Agency.	Godavari, Upper.	Godavari, Lower.	Guntur.	Nellore.	Total.
(a)	604	26	1,004	1,938	1,980	7,387	12	14	..	12,895
	..	..	236	..	..	181	..	11	..	428
	..	..	..	..	..	..	..	..	..	..
	..	..	65	..	..	..	88	..	6,582	6,755
	..	7,556	1,810	2,970	589	6,660	9,939	8,947	5,395	43,866
	..	..	..	..	..	754	204	..	47	1,005
	..	180	12	128	..	821	6,470	686	2,012	10,309
	..	2,304	..	1,109	..	639	1,980	914	768	7,694
	..	191	..	79	..	..	184	173	16	643
	..	6,613	122	953	200	3,013	2,385	709	1,065	14,980
	..	..	..	18	..	52	110	..	109	593
	262	258	131	517	266	3,864	991	237	146	6,404
	..	4,048	388	228	69	4,299	1,276	..	245	10,553
	..	1,314	..	42	383	209	1,508	166	..	3,612
	..	4,216	..	481	10	..	142	329	112	5,291

Summary of Expenditure of the different districts for the year 1932-33—cont.

FOREST DEPARTMENT

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Account heads (major, minor and sub-heads and units of appropriation).

WALTAP CIRCLE—cont.

8. b. Forest Conservancy, Maintenance and Regeneration—cont.

F. Other charges—

Non-voted—

Rates and taxes

Voted—

Honoraria

Supplies and services

Miscellaneous

H. Suspense—Works Advances

Total

Total, Non-Voted

Total, Voted

8. c. a. Esiridihams.

A. 1. Pay of officers—

Non-voted

Emergency out

Pay of officers—Voted

Emergency out

A. 2. Pay of establishments—Voted—

Permanent

Temporary

Emergency Out

A. 3. Allowances—Non-voted—

Travelling allowances

Allowances—Voted—

Travelling allowances

Fixed travelling allowances

Other compensatory

	Direction.	Gajum.	Parlakimedi.	Visagapatam.	Golconda Agency.	Godavari, Upper.	Godavari, Lower.	Guntur.	Nellore.	Total.
	866	27,306	3,768	9,001	3,447	27,941	30,958	12,263	16,523	1,32,063
	..	191	..	82	..	..	209	173	16	671
	866	27,115	3,768	8,919	3,447	27,941	30,749	12,080	16,507	1,31,392
	30,207	13,428	..	3,950	..	9,835	24,776	1,875	11,400	95,471
	2,693	1,823	..	395	..	644	2,455	188	1,620	9,818
	..	5,977	8,450	7,139	..	..	6,133	9,177	..	36,876
	..	..	845	534	..	..	614	918	..	3,509
	9,987	50,236	16,214	20,651	2,661	42,420	43,395	34,815	28,205	2,48,584
	17	2,016	1,066	888	756	2,493	1,187	1,187	..	8,423
	745	2,431	853	890	113	1,900	2,006	1,268	1,305	11,501
	2,863	2,059	..	1,078	..	2,388	3,592	469	1,738	14,227
	951	6,983	3,996	2,673	849	3,483	4,823	3,795	3,249	29,702
	..	2,051	614	969	131	2,182	1,682	926	926	10,060
	..	999	259	345	61	1,967	566	450	637	4,284

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Ganjam.	Parlakimedi.	Malilabs.	Vissapattanam.	Golgonda Agency.	Godavari, Upper.	Godavari, Lower.	Guntur.	Nellore.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
WALTAIN CIRCLE—cont.											
8. a. a. Establishments—cont.											
A. 4. Contingencies and Supplies and Services—											
Non-Voted—											
Rates and taxes	1,488	138	..	194	27	..	298	522	256	2,923	
Voted—											
Rents of Public Works	2,186	2,131	1,932	1,616	324	266	1,920	3,628	958	14,961	
Department buildings.											
Deduct recoveries of											
rents of Public Works	—1,306	—1,112	—760	—599	..	—144	—62	—780	..	—4,763	
Department buildings ..	26	281	92	100	..	227	211	35	106	1,078	
Apparatus and materials ..											
Service postage and tele-	1,201	1,597	200	636	60	1,101	1,232	901	802	7,730	
gram charges	576	839	513	424	93	346	734	404	438	4,407	
Tour charges	552	410	818	187	8	811	645	310	307	4,048	
Office expenses	13	390	63	125	92	166	14	87	129	1,079	
Miscellaneous											
Total, c. A. District establishments ..	45,303	83,611	31,159	38,557	4,449	63,978	86,071	54,848	44,286	4,52,262	
Total, Non-Voted ..	31,865	13,842	..	4,827	27	11,579	26,211	2,678	11,774	1,02,803	
Total, Voted ..	13,438	69,769	31,159	33,730	4,422	52,399	59,860	52,170	32,512	3,49,459	
(d) Losses on Government commercial undertakings B.S. Mills	..	1,92,763	..	..	..	..	..	..	..	1,92,763.	

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Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Ganjam.	Parlakimedi.	Malilabs.	Vissapattanam.	Golgonda Agency.	Godavari, Upper.	Godavari, Lower.	Guntur.	Nellore.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
WALTAIN CIRCLE—cont.											
52-A. Capital Outlay on Forests.											
a. Forest surveys	..	..	..	..	..	..	..	..	..	..	..
b. Organisation, improvements and extension of Forests—											
A. Demarcation—Voted—											
Demarcation	1,733	..	..	..	..	12	61	21	..	..	1,827
Cost of forest settlement and compensation for land and rights	..	..	..	..	..	..	..	1,759	134	2,004	3,897
B. Sowing and planting	..	..	..	..	..	..	..	..	..	..	..
C. Other charges—Voted—											
Working plans	..	..	..	..	..	..	..	..	..	..	..
Other miscellaneous charges	..	..	..	..	..	..	..	..	..	..	..
c. Communications and buildings—											
A. Roads and bridges—											
Works in progress	1,246	..	..	..	..	342	309	..	50	379	1,897
New works	..	..	..	..	..	400	..	..	..	..	829
B. Buildings—											
Works in progress	2,829	..	..	..	..	..	..	..	..	1,024	2,829
New works	53	..	..	..	..	..	..	..	..	..	1,577
C. Other works—											
Works in progress	..	..	..	..	..	..	..	..	..	..	..
New works	..	..	..	..	..	..	..	..	..	..	..
Railways and Tramways	..	..	..	..	..	..	..	..	..	..	..
Livestock, stores, tools and plant—											
e. A. Livestock—Purchase of live-stock	..	..	..	..	..	..	..	..	..	..	..
B. Stores, tools and plant	..	..	..	..	..	..	..	..	..	..	..
g. Investment in Government commercial undertakings	..	..	..	..	..	..	..	..	..	..	..
Write back of capital expenditure to revenue	..	..	..	..	..	..	..	..	..	..	..
Total	..	—1,86,902	..	70	12	808	2,713	184	3,832	—1,79,288	

FOREST DEPARTMENT

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation)	Direction.	Anantapur.	Kurnool, East.	Kurnool, South.	Kurnool, West.	Cuddapah, North.	Cuddapah, South.	Total.
BELLARY CIRCLE.								
8. b. Forest Conservancy, Maintenance and Regeneration.								
b. A. Forest produce removed by Government agency—Voted—	..	..	1,966	3,112	1,231	..	1,042	7,351
Timber ..	..	..	60	..	86	..	..	146
Firewood and charcoal ..	..	..	864	..	..	..	..	864
Bamboos ..	..	39	..	..	..	..	6	45
Sandalwood ..	..	..	..	..	..	..	..	..
Total, b. A. (Voted) ..	..	39	2,890	3,112	1,317	..	1,048	8,406
b. B. Timber and other produce removed from the forests by consumers and purchasers.	..	4,918	4,659	5,695	5,783	8,736	10,116	39,907
b. C. 1. Feed and upkeep of cattle ..	..	20	..	..	1,746	..	..	1,766
2. Renewals or replacement of stores, tools and plant ..	..	55	123	181	77	96	76	608
Renewals and replacement of stores, tools and plant ..	..	75	123	181	1,823	96	76	2,374
Total, C ..	..	360	968	2,907	1,243	554	2,682	8,714
b. D. 1. Roads and bridges ..	..	..	..	..	..	..	..	..
2. Buildings and other works—	..	..	..	..	..	..	..	..
Non-voted—	..	109	21	250	245	250	82	957
Rates and taxes ..	..	2,013	1,364	1,619	1,849	1,763	1,794	10,202
Buildings ..	..	7	46	9	..	35	..	97
Other works ..	..	..	..	..	..	..	..	..
Total, D ..	..	2,489	2,399	4,785	3,137	2,602	4,558	19,970

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Anantapur.	Kurnool, East.	Kurnool, South.	Kurnool, West.	Cuddapah, North.	Cuddapah, South.	Total.
BELLARY CIRCLE—cont.								
8. b. Forest Conservancy, Maintenance and Regeneration—cont.								
b. E. 1. Regeneration ..	79	168	297	362	1,054	550	331	2,941
2. Fire protection ..	..	51	554	659	1,255	363	850	3,732
3. Other works—	..	..	..	..	..	..	..	..
Voted—	..	169	144	177	50	59	25	624
Maintenance of boundaries ..	..	..	595	..	..	..	..	595
Forest surveys ..	..	..	55	..	..	..	..	55
Emergency out ..	..	92	94	..	43	49	221	496
Other items ..	..	..	..	..	..	..	..	..
Total, E ..	79	480	1,929	1,198	2,402	1,018	1,427	8,938
b. F. Other charges—	..	..	..	..	..	..	..	..
Non-voted—	..	..	..	..	..	..	..	..
Rates and taxes ..	..	..	..	..	..	..	..	..
Voted—	..	..	..	..	..	..	..	..
Honoraria ..	..	..	179	46	38	75	106	285
Supplies and services ..	..	..	31	86	110	225	..	404
Miscellaneous ..	..	..	..	..	..	56	50	333
Total, F ..	..	..	210	132	148	356	156	1,002
b. H. Suspense—Works Advances—	..	..	..	..	..	..	..	..
Voted ..	..	..	..	..	..	..	..	..
Total ..	79	8,001	11,910	16,103	14,610	12,808	17,381	79,892
Non-voted ..	..	109	21	250	245	250	82	957
Voted ..	79	7,892	11,889	14,853	14,365	12,558	17,299	78,935
Total ..	79	8,001	11,910	15,103	14,610	12,808	17,381	79,892

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction	Anantapur	Kurnool East	Kurnool South	Kurnool West	Cuddapah North	Cuddapah South	Total
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
BELLARY CIRCLE—cont.								
e. A. District Establishments.								
e. A. 1. Pay of officers—Non-voted ..	25,236	9,788	18,366	10,206	..	8,740	5,456	77,792
Emergency out ..	— 2,762	— 979	— 1,837	— 1,021	..	— 874	— 632	— 7,995
Pay of officers—Voted ..	..	784	475	3,459	13,482	4,500	7,219	29,919
Emergency out ..	..	..	— 47	— 346	— 1,348	— 450	— 547	— 2,738
Net Total ..	22,484	9,593	16,957	12,298	12,134	11,916	11,596	96,978
e. A. 2. Pay of establishments—Voted—								
Permanent ..	9,844	28,673	94,891	85,560	46,622	36,777	40,706	2,33,078
Emergency out ..	— 829	— 1,314	— 1,660	— 1,492	— 2,338	— 1,541	— 1,820	— 10,994
Temporary ..	..	168	852	420	1,514	948	288	4,190
Total of e. A. 2 ..	9,015	27,527	94,083	84,488	44,798	36,184	39,174	2,26,869
e. A. 3. Allowances—Non-voted—								
Travelling allowances ..	1,279	1,899	9,402	1,171	..	1,329	753	8,833
Allowances—Voted—								
Travelling allowance ..	453	2,064	2,647	4,117	5,679	4,159	3,153	22,272
Fixed travelling allowance ..	..	..	1,664	2,143	2,112	1,884	1,800	16,030
Other compensatory ..	..	558	1,064	499	868	671	1,102	4,752
Total, Allowances—Voted ..	453	3,449	5,275	6,759	8,649	6,414	6,055	37,054

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction	Anantapur	Kurnool East	Kurnool South	Kurnool West	Cuddapah North	Cuddapah South	Total
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
BELLARY CIRCLE—cont.								
e. A. District Establishments—cont.								
e. A. 4. Contingencies and Supplies and Services—								
Rates and taxes—Non-voted ..	978	197	..	127	55	167	560	2,084
Voted ..	3,534	1,791	..	852	1,044	672	1,943	9,836
Rents of Public Works Department buildings	..	29	183	148	206	150	146	862
Apparatus and materials ..	..	970	861	1,009	797	999	1,030	6,293
Service postage and telegram charges ..	627	632	898	820	312	778	621	4,342
Tour charges ..	481	436	850	540	734	617	478	3,968
Office expenses ..	314	256	640	150	333	234	205	1,951
Miscellaneous ..	133	— 576	..	..	..	— 11	— 684	— 2,483
Deduct—Recoveries of rent on Public Works Department buildings	— 1,212	..	..	..	..	..	..	..
Total, e. A. 4 ..	4,855	3,634	3,432	3,646	3,481	3,606	4,199	26,853
Total, e. A. District Establishments ..	38,086	46,102	62,149	58,362	70,032	59,449	61,777 (A)	3,95,987
Non-voted ..	27,493	11,884	20,768	11,604	55	10,286	6,769	88,709
Voted ..	10,593	34,218	41,381	46,858	70,007	49,213	55,008	3,07,278
52-A. Capital Outlay on Forests.								
(e) Communications and buildings—								
A. Roads and bridges ..	..	..	455	..	..	..	400	855
Works in progress ..	..	..	231	..	380	1,237	..	1,848
B. Buildings—								
New works ..	..	..	147	200	..	..	..	347
C. Other works—								
New works ..	..	..	833	200	380	1,237	400	3,050
Total, 52-A. (e) ..	..	50	..	30	24	..	..	(B) 104
(e) A. Live-stock—Purchase of live-stock—								
B. Stores, tools and plant ..	..	50	..	30	24	..	..	104
Total, (e) ..	..	50	833	230	404	1,237	400	3,154
Total ..	..	..	..	..	..	..	..	..

(A) Rs. 112 to be added with reference to the Accountant-General's figures.
(B) Rs. 32 to be deducted with reference to the Accountant-General's figures.

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Working Plans Division.							Rs.	Rs.
	Direction.	Mount Stuart.	Mangalore.	Lower Godavari.	North Colnbatore.	Wynad.	Palghat.	Tinnevely.	Provincial By-laws.
WORKING PLANS CIRCLE.									
8. d. Forest Construction, Maintenance and Regeneration.									
3. C. 2. Renewals and replacements of stores, tools and plant—Voted—									
Renewals, tools and plant	..	..	..	..	..	..	..	..	262 262
Total	..	..	..	..	..	..	..	..	262 262
D. 2. Buildings and other works—Voted—									
Buildings	..	..	..	..	..	..	..	..	98 98
Total	..	..	..	..	..	..	..	..	98 98
Voted	..	..	..	..	..	..	..	..	360 360
Total	..	..	..	..	..	..	..	..	360 360
8. e. Establishments.									
3. B. Research—									
C. B. 1. Pay of officers—Non-voted—									
Emergency out on pay	..	..	..	..	..	..	..	..	15,045 15,045
Total	..	..	..	..	..	..	..	..	—1,984 —1,984
C. B. 1. Pay of establishments—Voted—									
Permanent	..	..	..	..	..	..	..	..	10,976 10,976
Deduct—Emergency out on pay	..	..	..	..	..	..	..	..	863 863
Temporary	..	..	..	..	..	..	..	..	24 24
C. B. 2. Supplies and Services—	..	..	..	..	..	..	..	..	..
Petty Supplies—Voted	..	..	..	..	..	..	..	..	6,503 6,503
Total	..	..	..	..	..	..	..	..	..

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Working Plans Division.							Rs.	Rs.
	Direction.	Mount Stuart.	Mangalore.	Lower Godavari.	North Colnbatore.	Wynad.	Palghat.	Tinnevely.	Provincial By-laws.
WORKING PLANS CIRCLE—cont.									
8. e. Establishments—cont.									
C. B. 3. Non-voted—Travelling Allowance									
Voted Travelling Allowance	..	..	..	..	..	..	..	..	3,520 3,520
Non-voted	..	..	..	..	..	..	..	..	3,545 3,545
Non-contract contingencies—Non-voted—									
Rates and taxes	..	..	..	..	..	..	..	..	94 94
Contingencies—Voted	..	..	..	..	..	..	..	..	1,036 1,036
Total	..	..	..	..	..	..	..	..	A 37,892 37,892
Non-voted	..	..	..	..	..	..	..	..	16,676 16,676
Voted	..	..	..	..	..	..	..	..	21,217 21,217

A. Add Rs. 19,659 spent on the investigation of spike in North Salem division.

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Working Plans Division.						
	Palghat.	Lower Godavari.	North and South Kolle.	Wynad.	Tinnevely.	South Coimbatore.	Madura.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
WORKING PLANS CIRCLE—cont.							
52-A. Capital Outlay on Forests.							
Establishment—Working Plans Circle.							
Pay of officers—Non-voted ..	101	52	1,293	7,065	..	1,873	3,207
Working plans ..	170	..	..	..	..	..	..
c. B. Stores, tools and plant ..	..	..	..	..	..	..	..
Total ..	271	52	1,293	7,065	..	1,873	3,207
Voted ..	271	52	1,293	7,065	..	1,873	3,207
52-A. f. CAPITAL OUTLAY ON FORESTS—							
Establishment—Working Plans Circle.							
Pay of officers—Non-voted ..	29,271	..	16,467	12,624	720	8,345	5,271
Deductions—Emergency out on pay ..	3,189	..	2,127	1,262	..	835	527
Pay of officers—Voted ..	..	5,812	2,862	6,645	..	7,750	..
Deductions—Emergency out on pay ..	..	581	286	655	..	775	..
Pay of establishments—Voted—Permanent ..	6,457	4,156	12,416	18,119	302	11,251	5,245
Deductions—Emergency out on pay ..	438	211	857	855	..	702	83
Allowances—Non-voted ..	..	2,798	1,766	..	..	1,371	1,014
Traveling—(including cost of passages) ..	5,366	..	..	..	..	..	..
Allowances—Voted ..	..	..	..	..	..	..	..
1. Travelling allowance ..	1,310	827	3,599	5,735	..	2,669	1,411
2. Fixed travelling allowance ..	..	385	1,017	2,804	..	683	694
3. Other compensatory ..	1,262	47	141	1,221	52	251	19
Contingencies—Voted ..	3,419	152	849	555	21	553	251
Supplies and Services—Voted ..	1,035	..	..	24	..	99	32
Total ..	44,493	10,547	36,879	46,630	1,096	30,630	13,110
Non-voted ..	31,448	..	17,138	13,138	720	8,881	5,758
Voted ..	13,045	10,547	19,741	33,492	375	21,749	7,352
Grand Total ..	44,764	10,599	38,172	53,685	1,095	32,503	16,317
A. Added with reference to the Accountant-General's actuals.							
Total ..	..	..	..	..	..	..	..
Non-voted ..	..	..	..	..	..	..	..
Voted ..	..	..	..	..	..	..	..
Grand Total ..	..	..	..	..	..	..	..

A. Added with reference to the Accountant-General's actuals.

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Salem Circle.						
	East Vellore.	West Vellore.	Chittoor.	North Salem.	Central Salem.	South Salem.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
8. b. Forest Conservancy, Maintenance and Regeneration.							
b. A. Forest produce removed by Government Agency—							
Timber ..	380	..	458	28	..	..	866
Firewood ..	7,108	1,483	155	21,456	6,897	1,712	38,811
Sandalwood ..	..	..	..	..	..	..	..
Grass and other minor produce ..	..	..	..	..	..	..	..
Total ..	7,488	1,483	613	21,484	6,897	1,712	39,677
b. B. Timber and other produce removed from forests by consumers and purchasers.	10,127	1,671	9,460	5,038	9,412	5,435	41,143
b. C. 1. Feed and up-keep of cattle ..	..	..	..	..	..	..	..
2. Renewals and replacements of stores, tools, etc.	84	14	98	90	80	80	446
Total ..	84	14	180	90	80	80	498
b. D. 1. Roads and bridges ..	2,774	471	3,476	3,360	1,494	970	12,545
2. Buildings and other works—	..	..	..	..	..	..	..
Rates and taxes—Non-voted ..	644	3	287	46	108	97	1,195
Buildings—Voted ..	3,293	429	3,189	1,531	3,037	2,275	13,764
Other works ..	47	63	375	35	35	..	545
Total ..	6,758	956	7,337	4,972	4,674	3,342	28,039
b. E. 1. Regeneration ..	354	234	2,563	548	879	857	5,435
2. Fire protection ..	768	738	408	562	1,310	1,064	4,860
3. Other charges—Maintenance of boundaries.	..	..	97	50	147	..	294
Total ..	1,122	972	3,068	1,160	2,336	1,921	10,579

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	East Vellore.	West Vellore.	Chittoor.	North Salem.	Central Salem.	South Salem.	Total.
SALEM CIRCLE—cont.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
8. b. Forest Conservancy, Maintenance and Regeneration—cont.								
b. F. Other charges—Voted—								
Honorary	..	30	..	98	..	300	92	520
Supplies and Services	..	..	..	..	3,094	13	40	3,147
Miscellaneous	..	2	..	10	72	80	15	179
Total ..	..	32	..	108	3,166	393	147	3,846
b. H. Suspense work and advances ..	..	..	..	..	..	..	..	..
Grand total ..	..	26,611	5,096	20,736	35,910	23,792	12,637	1,23,782
Non-voted ..	..	644	3	297	46	108	97	1,195
Voted ..	..	24,967	5,093	20,439	35,864	23,684	12,540	1,22,587

8. c. A. Establishments.

A-1. Pay of officers—Non-voted ..	25,349	13,023	3,837	15,985	16,182	8,757	14,534	97,668
Defect Emergency out ..	— 2,794	— 1,449	— 384	— 1,987	— 1,618	— 901	— 1,453	— 10,586
Pay of officers—Voted ..	..	15,307	2,075	..	8,424	..	1,400	27,206
Defect Emergency out ..	..	— 1,531	— 207	..	— 842	..	— 140	— 2,720
Total ..	22,555	25,350	5,321	13,999	22,146	7,856	14,341	1,11,568
A-2. Pay of establishments—Voted—								
Permanent	11,028	51,844	7,170	39,593	41,120	42,084	30,730	2,23,559
Temporary	22	1,958	352	1,019	2,972	884	1,464	8,671
Defect—Emergency out ..	— 861	— 2,121	— 282	— 1,828	— 1,970	— 1,539	— 1,219	— 9,800
Total ..	10,189	51,681	7,260	38,784	42,122	41,429	30,975	2,22,440

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	East Vellore.	West Vellore.	Chittoor.	North Salem.	Central Salem.	South Salem.	Total.
SALEM CIRCLE—cont.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
8. c. A. Establishments—cont.								
A. 3. Allowances—Non-voted—								
Travelling allowance	1,145	1,642	391	1,833	1,695	1,920	1,600	10,227
Other compensatory	..	..	..	..	..	..	..	..
Cost of passages granted under Superior Civil Service Rules ..	1,978	..	..	..	..	..	..	1,978
Total ..	3,124	1,642	391	1,833	1,695	1,920	1,600	12,205
Allowances—Voted—								
Travelling allowance	594	4,164	584	2,765	5,523	2,987	2,493	19,110
Fixed travelling allowance	..	2,232	281	1,692	1,946	1,473	1,508	9,132
Other compensatory	..	553	16	631	924	668	368	3,250
Total ..	594	7,049	881	5,088	8,393	5,128	4,359	31,492
A. 4. Contingencies, supplies and services—								
Rents—Rates and taxes—Non-voted.	504	305	12	28	..	733	447	2,029
Voted—Rents of Public Works Department buildings	7,194	3,203	217	300	1,634	1,782	1,328	15,658
Defect recoveries on account of Public Works Department buildings ..	— 2,503	— 396	— 132	..	— 912	— 791	— 903	— 5,637
Apparatus and materials	1	138	..	134	158	182	137	730
Service postage and telegram charges.	500	1,434	201	862	1,159	910	673	5,839
Tour charges	314	431	80	365	689	372	743	2,994
Office expenses	561	491	22	197	499	905	303	2,978
Miscellaneous	158	267	208	179	186	342	278	1,618
Total ..	6,829	6,873	608	2,065	3,418	4,415	3,006	26,209
Grand Total ..	43,291	91,586	14,461	61,769	77,769	60,748	54,281	4,03,914*
Non-voted ..	26,183	13,521	3,856	15,860	16,259	10,509	15,128	1,01,316
Voted ..	17,108	78,074	10,605	45,909	61,510	50,239	39,153	3,02,598

A. Rupees 29 to be added with reference to the Accountant-General's figures.

Summary of Expenditure of the different districts for the year 1932-33—cont.

Account heads (major, minor and sub-heads and units of appropriation).	East Vellore.	West Vellore.	Chittoor.	North Salem.	Central Salem.	South Salem.	Total.
SALAM CIRCLE—cont.							
8. a. ii.—Research.							
Charges payable to Governments, Departments and others				A 10,659	.. .. .	.. .. .	A 19,659
62-A. (b) Conservancy and works—							
(a) Forest surveys							
(b) Organisation, improvement and extension of forests—							
Demarcation			96	159	155	.. .. .	410
(c) Communications and buildings—							
Buildings—							
Works in progress		1,800	.. .. .	.. .. .	.. .. .	.. .. .	1,800
New works							
Other works—							
Works in progress		214	.. .. .	.. .. .	.. .. .	.. .. .	214
New works		40	.. .. .	53	.. .. .	.. .. .	169
Total		2,054	.. .. .	53	.. .. .	76	2,182
Grand total		2,054	96	212	155	76	2,593

A. Included by the Provincial Sylviculturist in his accounts.

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Summary of Expenditure of the different districts for the year 1932-33—cont.

Budget heads.	Direction.	Kollegal.	Coimbatore, North.	Coimbatore, South.	Madura.	Tinnevely.	Tanjore.	Total.
COIMBATORE CIRCLE.								
8. b. Conservancy, Maintenance and Regeneration.								
A. Forest produce removed by Government agency—Voted—								
Timber .. .. .	.. .. .	891	167	77,229	363	.. .. .	.. .. .	78,650
Firewood and charcoal .. .. .	.. .. .	6	.. .. .	.. .. .	191	.. .. .	.. .. .	197
Bamboos .. .. .	.. .. .	.. .. .	11,515	.. .. .	.. .. .	847	.. .. .	17,788
Sandalwood .. .. .	.. .. .	5,170	446	40	.. .. .	.. .. .	.. .. .	677
Grass and other minor produce .. .. .	.. .. .	191	9,462	2,911	11,935	.. .. .	251	37,551
B. Timber and other produce removed from the forest by consumers and purchasers.								
C. 1. Feed and keep of cattle .. .. .	.. .. .	.. .. .	.. .. .	16,668	.. .. .	.. .. .	.. .. .	16,668
2. Renewals or replacements of stores, tools and plant—								
Renewals and replacements of stores, tools and plant.	45	34	79	499	54	1,160	35	1,906
D. 1. Roads and bridges .. .. .	.. .. .	3,050	7,577	10,778	8,295	4,054	.. .. .	38,754
2. Buildings—Non-voted—								
Rates and taxes .. .. .	.. .. .	38	37	90	240	85	.. .. .	490
Voted—Buildings .. .. .	.. .. .	1,140	1,495	3,175	2,178	2,282	125	10,890
Other works .. .. .	.. .. .	68	17	1,009	41	29	.. .. .	1,159
E. 1. Regeneration .. .. .	.. .. .	71	564	7,904	720	981	.. .. .	10,240
2. Fire protection .. .. .	.. .. .	553	541	1,913	2,754	413	.. .. .	6,174
3. Other charges—								
Maintenance of boundaries .. .. .	.. .. .	.. .. .	67	827	141	81	25	1,141
Other items .. .. .	.. .. .	142	1,722	757	103	228	.. .. .	2,952
F. Other charges—Non-voted—								
Rates and taxes .. .. .	.. .. .	45	11	12	167	.. .. .	.. .. .	235
G. Honoraria—Voted .. .. .	.. .. .	.. .. .	113	60	30	.. .. .	.. .. .	203
Supplies and services .. .. .	.. .. .	.. .. .	5	1	.. .. .	37	.. .. .	43
Miscellaneous .. .. .	.. .. .	.. .. .	78	5,057	.. .. .	19	.. .. .	5,154
H. Suspense Works Advances .. .. .	.. .. .	1	25	— 269	.. .. .	.. .. .	.. .. .	— 243
Total	301	17,899	33,921	1,28,661	27,207	16,704	436	2,25,129

FOREST DEPARTMENT

Summary of Expenditure of the different districts for the year 1932-33—cont.

COMBATORE CIRCLE—cont.											
8. C. A. District Establishments.											
C.A. 1. Pay of officers—Non-voted ..											
Emergency deductions from pay ..	25,800	9,800	24,293	14,434	5,800	7,066	..	..	..	..	87,193
Pay of officers—Voted ..	— 2,580	— 980	— 2,829	— 1,924	— 580	— 706	..	..	..	..	— 9,599
Emergency deduction from pay ..	650	..	3,233	11,125	17,138	481	..	..	..	..	32,627
Pay of establishments—Voted—	— 65	..	— 323	— 1,114	— 1,683	— 22	..	..	..	..	— 3,207
C.A. 2. Permanent ..											
Temporary ..	9,099	35,789	39,651	38,990	48,370	38,713	1,384	..	..	..	2,11,996
Emergency deduction from pay ..	14	309	780	2,303	525	574	..	..	..	..	4,506
Emergency deduction from pay ..	— 696	— 1,510	— 1,849	— 2,442	— 1,780	— 1,787	..	..	..	..	— 10,064
C.A. 3. Allowances—											
Non-voted—	..	..	..	..	..	..	..	..	..	..	..
Travelling allowances ..	2,732	1,730	4,145	2,834	1,403	1,400	..	..	..	..	18,744
Cost of passages ..	..	..	..	..	..	..	..	..	..	..	..
Voted—	..	..	..	..	..	..	..	..	..	..	..
Travelling allowances ..	881	3,040	4,657	4,147	6,580	2,910	56	..	..	..	22,271
Fixed travelling allowance ..	..	(a) + 8	..	..	..	..	..	..	..	..	(a) + 8
Other compensatory ..	..	1,772	2,712	1,933	2,018	1,039	105	..	..	..	9,579
Contingencies and supplies and services—	..	371	513	795	1,599	475	..	..	..	..	3,758
C.A. 4. Other compensatory ..											
Non-voted—	..	..	..	..	..	..	..	..	..	..	..
Rates and taxes ..	575	51	1,013	466	154	354	..	..	..	..	2,613
Voted—	..	..	..	..	..	..	..	..	..	..	..
Rents on Public Works Department buildings ..	1,164	1,978	2,508	2,016	817	1,426	..	..	..	..	9,909
Deduct recoveries on account of Public Works Department buildings ..	..	— 660	— 890	— 950	..	— 630	..	..	..	..	— 3,130
Apparatus and materials ..	32	44	77	667	106	76	..	..	..	..	1,002
Service postage and telegram charges ..	609	544	698	1,062	1,248	899	100	..	..	..	5,160
Tour charges ..	308	421	831	310	460	586	..	..	..	..	2,916
Office expenses ..	508	743	502	1,039	1,113	296	..	..	..	..	4,201
Miscellaneous ..	110	118	394	30	26	250	..	..	..	..	928
Total ..	39,141	53,560	80,116	75,221	83,314	53,400	1,645	..	..	..	3,86,397
		(a) + 8					(a) + 8				(a) + 8

(e) Included being the double adjustment in Kollegal division.

Summary of Expenditure of the different districts for the year 1932-33—cont.

Budget heads.	Direction.	Kollegal.	Coimbatore, North.	Coimbatore, South.	Madura.	Tinnevely.	Tanjore.	Total.
COIMBATORE CIRCLE—cont.								
52-A. Capital Outlay on Forests.								
b. Organisation, improvements and extension of forests—								
A. Demarcation	..	196	..	..	8	..	..	284
B. Sowing and planting .. .	..	..	..	..	..	914	..	914
C. Other charges—	..	..	..	..	596	..	..	596
Other miscellaneous charges ..	..	..	..	..	..	..	..	..
c. Communications and buildings—								
A. Roads and bridges—	..	..	..	..	531	..	..	531
Works in progress	..	..	64	1,391	..	..	..	1,455
New works	..	..	..	..	..	..	..	..
B. Buildings—	..	..	..	..	..	..	..	710
Works in progress	..	..	..	710	..	..	..	1,107
New works	..	..	..	500	..	807	..	..
C. Other works—	..	..	..	..	..	..	..	..
Works in progress	..	..	..	..	..	..	..	1,030
New works	..	..	..	986	..	44	..	..
e. Livestock, stores, tools and plant—	..	..	..	..	..	..	..	1,323
A. Purchase of livestock .. .	..	..	..	—	..	..	..	184
B. Purchase of stores, tools and plant ..	..	..	..	87	23	74	..	..
Improvements on Government Commercial undertakings—	..	..	..	..	..	..	..	..
Mount Stuart Forests	..	..	..	—	..	..	..	—
Deduct receipts and recoveries of Capital expenditure write back of capital expenditure to revenue	..	..	..	—	..	..	..	—
Total	..	196	64	39,330	1,238	1,639	..	36,193

Summary of Expenditure of the different districts for the year 1932-33—cont.

Budget heads.	Direction.	Mangalore, North.	Mangalore, South.	Wynaad.	The Nilgiris.	Palghat.	Nilambur.	Total.
OOTACAMUND CIRCLE.								
8. b. Conservancy, Maintenance and Regeneration.								
A. Forest produce removed by Government Agency—Voted—								
Timber	..	17,544	61,075	54,411	809	79,865	37,487	2,51,191
Firewood and charcoal	..	..	14	..	11,421	4	..	11,439
Bamboos	..	..	..	..	..	428	4,532	4,960
Sandalwood	..	430	2,221	..	1,000	..	..	3,651
Grass and other minor produce	..	..	..	..	293	..	..	293
Total, A	..	17,974	63,310	54,411	13,523	80,297	42,019	2,71,534
B. Timber and other produce removed from forests by consumers and purchasers								
.. .. .	..	1,287	1,386	2,107	632	5,884	1,722	13,018
C. (1) Feed and keep of cattle	227	1,368	10,182	27,793	3,797	24	19,192	62,583
(2) Renewals and replacement of stores, tools and plant	..	230	665	1,850	235	48	1,100	4,128
D. (1) Roads and bridges	..	215	503	19,970	1,685	3,755	1,840	27,969
D. (2) Buildings and other works—Non-voted—								
Rates and taxes	..	..	165	..	660	83	..	908
Buildings	214	850	518	2,317	1,839	1,735	2,278	9,751
Forest College	..	..	..	647	..	..	..	..
Other works	..	24	77	..	30	143	31	952
Total, D (2)	214	874	760	2,964	2,529	1,951	2,309	11,511
E. (1) Regeneration	..	1,963	3,114	9,320	3,813	5,108	13,728	37,046
(2) Fire protection	..	2,139	2,476	1,355	2,546	1,979	3,359	13,854

Summary of Expenditure of the different districts for the year 1932-33—cont.

Budget heads.	Direction.	Mangalore, North.	Mangalore, South.	Wynaad.	The Nilgiris.	Palghat.	Nilambur.	Total.
OOTACAMUND CIRCLE—cont.								
8. b. Conservancy, Maintenance and Regeneration—cont.								
E. (3) Other works—								
Maintenance of boundaries	..	153	315	426	803	108	..	1,801
Forest surveys	..	1	..	..	..	..	..	1
Other items	..	77	23	..	287	334	9	730
Total, E. (3)	..	231	339	426	1,090	437	9	2,532
F. Other charges—Non-voted—								
Rates and taxes	..	..	..	51	1,396	59	56	1,563
Grants-in-aid—Nilgiris Games Association	..	..	..	..	3,830	..	..	3,830
Honoraria	..	10	40	..	100	..	..	150
Supplies and Services	..	282	232	1,319	..	45	2	1,880
Miscellaneous	..	20	10	83	..	7	6,716	6,836
Total, F	..	312	282	1,453	5,326	111	6,774	14,258
ix. Suspense—Works Advances—Voted								
.. .. .	..	..	..	360	..	— 893	— 494	— 1,027
Total	441	26,593	83,017	1,22,009	35,176	98,712	91,568	4,57,506*
Non-voted								
Voted	441	26,593	82,852	1,21,958	33,120	98,570	91,502	4,56,036
8. c. Establishments.								
A. (1) Pay of Officers—								
Non-voted	26,650	11,282	7,808	12,850	7,850	3,955	12,600	82,495
Deduct emergency out	— 2,878	— 1,269	— 874	— 1,765	— 1,112	— 396	— 1,733	— 10,027
Voted	4,499	5,089	7,880	25,487	1,800	16,653	6,257	67,465
Deduct emergency out	— 450	— 508	— 768	— 2,549	— 180	— 1,685	— 626	— 6,746
Total, A (1)	27,821	14,594	13,346	34,023	8,368	18,547	16,498	1,33,187
A. (2) Pay of Establishments—Voted—								
Permanent	11,452	35,672	31,377	50,489	38,100	31,579	38,121	2,31,790
Temporary	31	540	1,229	2,106	285	1,449	3,758	9,398
Deduct emergency out	— 837	— 1,382	— 1,255	— 3,107	— 1,650	— 1,533	— 1,763	— 11,527
Total, A (2)	10,646	34,813	31,351	49,488	36,735	31,495	35,116	2,29,661

* The Accountant-General's figures are Rs. 4,57,507.

Budget heads.	Direction.	Mangalore, North.	Mangalore, South.	Wynaad.	The Nilgiris.	Palghat.	Nilambur.	Total.
OOTAKAMUND CIRCLE—cont.								
8. c. Establishments—cont.								
A. (3) Allowances—Non-voted—	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Travelling allowance	3,096	8,125	1,101	1,992	1,897	1,343	2,537	15,091
Cost of passage	5,692	..	..	..	..	..	..	5,692
Allowances—Voted—								
Travelling allowance	2,605	3,401	4,783	8,935	3,928	5,671	3,049	32,372
Fixed travelling allowance ..	..	2,013	1,837	2,846	1,825	1,680	1,788	11,888
Other compensatory	1,529	423	441	366	4,417	498	472	8,086
Total, A. (3) ..	13,122	8,962	8,162	14,138	12,067	9,002	7,846	73,299
A. (4) Contingencies—Supplies and ser-								
VICES—								
Non-voted—								
Rates and taxes	145	64	69	..	246	33	..	557
Voted—								
Rents of Public Works Depart-								
ment buildings	1,039	372	620	1,104	2,870	840	66	6,911
Apparatus and materials ..	32	98	122	145	164	284	128	943
Service postage and telegrams ..	929	999	1,084	1,172	703	730	802	6,419
Tour charges	955	281	502	172	149	115	44	2,218
Office expenses	151	116	10	439	372	461	156	1,705
Miscellaneous	168	342	517	867	119	169	879	2,561
Defect recoveries on account of								
Public Works Department								
buildings	..	..	..	156	570	..	86	792
Total A. (4) ..	3,419	2,272	2,924	3,243	4,053	2,602	2,009	20,522
Total ..	55,008	60,658	55,793	1,00,892	61,213	61,646	61,469	(A) 4,56,669
Non-voted ..	32,905	13,202	7,604	13,077	8,881	4,935	13,404	94,008
Voted ..	22,103	47,456	48,179	87,815	52,332	56,711	48,065	3,62,661

* (A) Rs. 21 to be added with reference to the Accountant-General's figures.

* (A) Pgs. 21 to be added with reference to the Accountant-General's figures.

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Summary of Expenditure of the different districts for the year 1932-33—cont.

Budget heads	Direction.	Mangalore, North.	Mangalore, South.	Wynaad.	The Nilgiris.	Palghat.	Nilambar.	Total.
		RS.	RS.	RS.	RS.	RS.	RS.	RS.
OOTACAMUND CIRCLE—cont.								
52. A.—Capital Outlay on Forests—cont.								
52. A—g. Investments in Government commercial undertakings—								
c. Nilambar Valley	..	..	..	..	..	..	66,919	66,919
Forests	..	..	..	..	..	..	42,074	42,074
Write back of capital expenditure to Revenue..	..	..	..	..	..	..	24,845	24,845
Total 52. A. g. ..	..	..	5,864	2,795	..	3,920	22,632	27,371
Grand Total ..	..	..	..	..	..	..	..	..

Summary of Expenditure of the different districts for the year 1932-33—cont.

8. a. General Direction.

	Actuals, 1932-33.
	RS.
Pay of officers—Non-voted	43,507
Deduct Emergency cut	5,044
Pay of establishments—Voted	26,954
Deduct Emergency cut	2,392
Clothing and equipment—Voted	14,088
Charges payable to Government, Departments and others—Voted—Payable to Central Government.	..
Non-voted—Travelling allowance including cost of passages	5,655
Other compensatory	1,541
Rates and taxes	324
Voted—Allowances	1,443
Rents	3,680
Books and periodicals	1,940
Service postage and telegram charges	2,500
Other charges	4,031
Total	98,227

8. c. B. Research.

	Actuals, 1932-33.
	RS.
Pay of officers—Non-voted	15,045
Deduct Emergency cut	1,984
Pay of establishments—Permanent	10,976
Temporary	24
Deduct Emergency cut	863
Supplies and services—Voted—Petty supplies	6,503
Other charges—Non-voted—	
Allowances	35,20
Rates and taxes	94
Other charges—Voted—	
Allowances	3,545
Contingencies	1,036
Charges payable to Government, Departments and others—Subsidy to Indian Institute of Science.	19,659
Total	57,555

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Summary of Expenditure of the different districts for the
year 1932-33—cont.

8. c. C. Exploitation.

	Actuals, 1932-33.			
	Forest Utilisation officer.	Forest Engineer.	Salem Circle.	Total.
	RS.	RS.	RS.	RS.
Pay of officers—Non-voted				
Deduct Emergency cut	14,492	11,450		
Pay of officers—Voted	1,725	1,626	338	26,288
Deduct Emergency cut	7,343		34	3,385
Pay of establishments—Voted	734			7,343
Permanent				734
Temporary	6,067	5,020		
Deduct Emergency cut	6,438	1,482		11,087
Allowances—Non-voted—	816	451		7,920
Travelling allowances including cost of passages				1,267
Other compensatory	6,300	3,603		
Advances—Voted—	1,144			9,803
Travelling allowances				1,144
Fixed travelling allowances	2,495	2,002		
Other compensatory		297		4,497
Other charges—Non-voted—	710	180	48	297
Rates and taxes				938
Voted—	180			
Rents of Public Works Department buildings				130
Other contingencies	1,542	2,628		
Apparatus and materials	1,436	969		4,170
Deduct recoveries on account of rent of Public Works Department buildings.		91		2,405
				91
Total	44,822	24,581	352	69,755

14 FOREST DEPARTMENT

Summary of Expenditure of the different districts for the
year 1932-33—cont.

8. c. D. Forest College.

				Actuals, 1932-33.
				RS.
Pay of officers—Non-voted	...	...	...	23,148
Deduct Emergency cut	...	...	...	2,950
Pay of officers—Voted	...	...	...	21,759
Deduct Emergency cut	...	...	...	2,153
Pay of establishments—				
Permanent	...	...	...	20,956
Temporary	...	...	...	...
Deduct Emergency cut	...	...	...	1,046
Non-voted—Travelling allowance including cost of passages	...	...	...	4,630
Voted—Travelling allowances	...	...	...	4,934
Fees to Examiners	...	...	...	855
Pay of menials	...	...	...	1,940
Apparatus and materials	...	...	...	2,220
Horti-agricultural operations	...	...	...	1,098
Other petty supplies and contingencies.	...	...	...	5,264
Non-voted—Rates and taxes	...	...	...	19
Total	...	...	...	80,675

8. c. E. Chenchu Officer.

				Actuals, 1932-33.
				RS.
Pay of establishments—Temporary	...	...	...	14,051
Deduct Emergency cut	...	...	...	357
Travelling and other allowances	...	...	...	1,310
Contingencies	...	...	...	888
Supplies and Services	...	...	...	6,196
Total	...	...	...	22,088

Summary of Revenue and Expenditure for

Budget heads.	Waltair circle.	Bellary circle.	Working Plans circle.	Salem circle.	Coimbatore circle.	Ootacamund circle.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>VIII. Forest Receipts.</i>	RS.	RS.	RS.	RS.	RS.	RS.
(a) Timber and other produce removed from the forests by Government Agency—						
Sandalwood	54	..	..	2,97,037	2,06,616	29,681
Other produce—						
Timber	42,673	34,821	17	3,582	2,16,573	10,64,244
Firewood and charcoal ..	4,162	1,127	..	554	365	89,539
Bamboos	4	1,567	..	4	..	7,136
Other minor produce ..	7,115	..	..	541	878	996
Total, Other produce ..	53,954	37,515	17	4,681	2,17,816	11,11,916
Total (a) ..	54,008	37,515	17	8,01,718	4,24,432	11,41,599
(b) Timber and other produce removed from the forests by consumers or purchasers—						
Forest Department—						
Timber	47,453	32,245	..	2,347	67,886	2,521
Firewood and charcoal ..	1,62,881	83,583	..	62,140	1,26,876	72,369
Bamboos	1,21,285	69,952	..	1,23,664	40,714	14,219
Grazing and fodder grass	1,04,300	1,56,929	..	1,76,206	1,18,769	28,166
Other minor produce ..	46,200	26,044	..	37,821	67,681	19,726
Total, Forest Department ..	4,82,119	3,68,753	..	4,02,178	4,21,926	1,37,001
Revenue Department—						
Timber	18,854	14,630	..	33,582	10,087	14,445
Firewood and charcoal ..	12,898	6,904	..	20,788	25,485	11,496
Bamboos	78	..	..	40	4	18
Other minor produce ..	41,895	1,93,260	..	73,498	31,120	6,398
Total, Revenue Department ..	73,725	2,14,794	..	1,27,908	66,696	32,357
Total (b) ..	5,55,844	5,83,547	..	5,30,086	4,88,622	1,69,358
(c) Drift and waifwood and confiscated forest produce ..	3,770	1,841	..	670	980	1,258
(f) Miscellaneous—						
Fines and forfeitures ..	7,364	5,898	..	9,857	1,610	196
Forest College	..	..	..	..	..	..
Rent of buildings	7,326	9,525	686	8,005	9,053	13,107
Other sources	45,623	49,083	561	67,652	65,226	44,647
Total (f) ..	60,313	64,506	1,247	85,514	75,889	61,813
Grand total ..	6,73,935	6,87,409	1,264	9,17,988	9,89,923	13,74,028
Deduct—Refunds—Voted—						
Refunds by Forest officers ..	1,694	7,145	17	10,196	7,346	4,195
Net total for the Presidency ..	6,72,241	6,80,264	1,247	9,07,792	9,82,577	13,69,833
Receipts in England	..	..	..	..	..	..

FOREST DEPARTMENT

1932-33 (Abstract for the Presidency).

Forest Engi- neers.	Forest Utili- tation Officer.	Parlakineti malias.	Golconda Agency.	Forest college.	Provincial Sy- lviculturist.	Chendur officer.	Chief Conser- vator.	Total.	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	1932-33.	1931-32.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	(16)	(17)
..	..	..	..	..	..	..	..	5,33,391	4,59,285
..	48	2,317	2,977	..	..	..	..	13,67,252	6,69,796
..	..	1,968	..	..	..	..	..	47,715	57,181
..	..	..	..	..	..	..	..	8,711	1,734
..	..	175	..	..	..	..	..	9,705	14,150
..	..	..	..	..	..	..	..	14,33,383	6,81,105
..	48	4,460	2,977	..	..	..	..	19,66,774	11,40,390
..	48	4,460	2,977	..	..	..	..	..	..
..	..	6,707	388	..	..	..	..	1,59,547	1,04,163
..	..	4,558	..	..	..	..	..	5,12,407	6,02,390
..	..	4,161	430	..	..	..	..	3,74,425	3,35,424
..	..	1,543	266	..	..	..	..	5,86,179	5,58,800
..	..	13,473	..	..	..	..	..	2,10,944	1,97,070
..	..	80,441	1,084	..	..	..	..	18,43,502	17,94,470
..	..	..	..	..	..	..	..	91,598	1,01,839
..	..	..	..	..	..	..	..	77,571	81,852
..	..	..	..	..	..	..	..	140	223
..	..	..	..	..	..	..	..	3,46,171	3,89,473
..	..	..	..	..	..	..	..	5,15,480	5,73,387
..	..	..	..	..	..	..	..	23,58,982	23,70,116
..	..	80,441	1,084	..	..	..	..	..	..
..	..	59	24	..	..	..	..	8,602	9,382
..	..	121	45	..	..	..	..	28,954	24,942
..	..	..	..	38,480	..	..	..	39,480	55,794
..	..	..	..	1,277	..	..	..	49,411	52,680
..	197	185	50	701	..	..	9,212	3,17,556	2,78,650
33,496	108	849	898	..	..	..	..	4,34,401	3,99,234
33,496	305	1,155	493	40,458	..	..	9,212	47,68,769	42,90,269
33,496	353	36,115	4,578	40,458	..	..	..	30,630	35,395
..	..	16	21	..	..	..	..	47,38,129	42,54,874
33,496	353	36,099	4,557	40,458	..	..	9,212	..	..
..	..	..	..	..	..	..	..	+ 40	..
..	..	..	..	..	..	..	..	47,38,169	..

Summary of Revenue and

Budget heads.	Waltair Circle.	Bellary Circle.	Working Plan Circle.	Salem Circle.	Coim- batore Circle.	Ootaca- mund. Circle.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
EXPENDITURE.	RS.	RS.	RS.	RS.	RS.	RS.
3. Conservation, Maintenance and Regeneration.						
A. Forest produce removed by Government Agency—Voted.						
Timber	9,961	7,351	..	865	78,650	25,111
Firewood and charcoal ..	192	146	..	..	197	11,439
Bamboos	..	864	..	..	..	4,960
Sandalwood	..	45	..	38,812	17,788	3,651
Grass and other minor produce ..	6,670	..	..	..	677	293
Total, A ..	16,823	8,406	..	39,677	97,812	2,71,584
B. Timber and other produce removed from the Forests by consumers or purchasers.	41,465	39,907	..	41,148	37,551	13,018
C. 1. Feed and upkeep of cattle.	1,004	1,766	..	52	16,668	62,583
2. Renewals and replacements of tools and plant.	10,298	607	262	446	1,906	4,128
D. 1. Roads and bridges ..	7,694	8,714	..	12,544	33,754	27,970
2. Buildings and other works—						
Non-voted—						
Rates and taxes ..	643	957	..	1,195	490	908
Voted—						
Buildings ..	14,639	10,202	98	13,754	10,390	9,751
Forest college ..	..	..	..	..	..	..
Other works ..	594	97	..	545	1,160	952
Total, D ..	23,570	19,970	98	28,038	45,794	39,581
E. 1. Regeneration	6,006	2,841	..	5,438	10,240	37,047
2. Fire protection	10,096	3,732	..	4,851	6,174	13,854
3. Other works—						
Maintenance of boundaries ..	3,229	624	..	294	1,141	1,801
Forest surveys	..	595	..	..	2,952	1
Other items	5,281	497	..	..	..	729
.. ..	..	55	..	..	..	..
Total, E ..	24,612	8,234	..	10,581	20,507	53,432
F. Other charges—						
Non-voted—						
Rates and taxes	28	..	..	..	235	1,562
Voted—						
Grants to the Nilgiris Games Association ..	..	..	..	..	..	3,830
Honoraria	50	265	..	520	203	150
Supplies and services ..	94	404	..	3,147	42	1,880
Miscellaneous	6,904	333	..	177	5,154	6,836
Total, F ..	7,076	1,002	..	3,844	5,634	14,258
H. Suspense—Works advances.	..	..	..	..	— 243	— 1,027
Total, Presidency ..	1,24,848	79,892	360	1,23,781	2,25,129	4,57,607

Expenditure for 1932-33—cont.

Forest Engineer.	Forest Utilization Officer.	Parlaki- medi Maliahs.	Gol- gonda Agency.	Forest College.	Provin- cial Syl- viculturist.	Chenchu officer.	Chief Conserva- tor.	Total.	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	1932-33. (16)	1931-32. (17)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
..	630	1,004	1,930	..	..	..	..	3,51,582	2,94,237
..	..	236	..	..	..	..	..	12,210	10,734
..	..	..	..	..	..	..	..	5,824	1,363
..	7	..	..	..	..	..	..	60,303	40,951
..	..	65	..	..	..	..	..	7,705	8,928
..	637	1,805	1,930	..	..	..	..	4,37,624	3,56,213
..	..	1,810	589	..	..	..	..	1,75,483	1,94,297
..	..	..	..	..	..	..	..	..	..
1,012	31	12	..	..	..	..	2,342	82,073	59,576
..	..	..	..	..	..	..	..	21,044	24,678
..	..	..	..	..	..	..	..	90,676	1,03,418
..	..	..	..	106	..	..	..	4,299	4,519
..	..	..	..	..	..	253	..	59,446	69,837
37	..	122	200	3,398	..	..	..	3,398	..
..	..	..	..	..	..	..	..	3,348	3,196
..	..	122	200	3,504	..	253	2,342	1,61,167	18,090
..	..	121	266	..	..	..	..	61,967	69,349
..	..	388	69	..	..	..	..	39,164	35,619
..	..	..	883	..	..	..	..	7,472	5,824
..	..	..	..	..	..	..	10,680	11,276	9,539
..	..	..	10	..	..	..	..	9,414	7,617
..	..	..	..	..	..	..	..	..	..
..	..	519	728	..	..	..	10,680	1,29,293	1,27,948
..	..	..	..	..	..	..	..	1,826	2,048
..	1	..	..	..	..	..	..	3,830	4,671
..	..	..	..	..	..	..	..	1,188	1,088
..	..	..	..	..	..	..	..	5,567	5,007
..	..	..	..	..	..	..	..	19,479	9,898
75	..	..	..	..	..	..	..	31,890	22,712
75	..	..	..	..	..	..	..	— 259	— 906
1,011	..	..	..	..	..	..	..	..	..
2,135	669	3,768	3,447	3,504	..	253	13,022	10,38,315	9,71,522

Summary of Revenue and

Budget heads.	Waitair Circle.	Bellary Circle.	Working Plans Circle.	Salem Circle.	Coimbatore Circle.	Ootaca- mund Circle.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
EXPENDITURE—cont. 8. c. Establishments.	RS.	RS.	RS.	RS.	RS.	RS.
Pay of officers—						
Non-voted	95,471	77,793	..	97,668	87,198	82,494
Deduct emergency out	— 9,819	— 7,994	..	— 10,587	— 9,599	— 10,027
Pay of officers—						
Voted	28,426	29,919	..	27,206	32,628	67,465
Deduct emergency out	— 2,662	— 2,738	..	— 2,721	— 3,207	— 6,747
Pay of establishments—Voted—						
Permanent	2,27,709	2,33,078	..	{ 2,23,569	2,11,996	{ 2,31,790
Temporary	6,601	4,190	..	{ (b) — 27		{ (a) + 32
Deduct emergency out	— 10,587	— 10,994	..	{ 8,671	4,605	{ 9,329
Allowances—Non-voted—				{ (b) — 4		{
Travelling allowance	14,226	8,833	..	{ — 9,800	— 10,064	{ 11,527
Cost of passage	..	..	..	{ (b) + 3		{ (a) — 4
Allowances—Voted—				10,228	13,744	15,092
Travelling allowance	25,955	22,272	..	1,978	..	5,892
Fixed travelling allowance	9,315	10,030	..	19,110	{ 22,271	32,372
Other compensatory	3,964	4,752	..		{ (a) + 8	{ (a) — 8
Contingencies and supplies and services.	..	..	..	9,131	9,579	11,888
Non-voted—				3,250	3,753	8,058
Rates and taxes	2,897	2,084	..	..	..	..
Voted—						
Rents of Public Works				2,029	2,613	557
Department buildings. }	12,703	{ 9,836	..			
Apparatus and materials ..	987	{ (a) + 160	..	15,658	9,909	6,911
Service postage and telegrams.	7,470	862	..	730	1,002	944
Tour charges	3,803	6,292	..	5,840	5,161	6,419
Office expenses	3,221	4,341	..	2,998	2,918	2,218
Miscellaneous	925	3,968	..	2,979	4,201	1,705
Telephone charges	— 4,002	1,951	..	1,618	927	2,561
Deduct recoveries on account of Public Works	..	..	..	— 5,637	— 3,131	— 792
Department buildings.						
Total ..	4,16,653	3,96,099	..	4,03,885	3,86,405	4,56,690
8. c. B. Research	..	..	..	..	..	..
8. c. C. Exploitation	..	..	..	..	..	..
8. c. D. Forest College	..	..	..	..	..	..
8. c. E. Chenchu Officer	..	..	..	..	..	..
8. (d) Losses in Government, commercial undertaking Russellkonda Saw Mills.	1,92,768	..	..	..	..	..
52-A. Capital Outlay on Forests.						
I. (a) Forest surveys	..	..	..	..	..	..
(b) Organisation, improvement and extension of Forests—Reserved—	..	..	..	..	..	..
A. Demarcation—Voted—						
Demarcation	1,815	..	..	410	284	5
Cost of forest settlement and compensation for land and rights.	..	..	..	..	..	..

(a) Added to the circle figure with reference to the Accountant-General's actuals.
(b) Added or deducted with reference to the Accountant-General's actuals.

Expenditure for 1982-88—cont.

[illegible]

Summary of Revenue and :

Budget heads.	Waltair Circlo.	Bellary Circlo.	Working Plans Circlo.	Salem Circlo.	Coimbatore Circlo.	Ootacamund Circlo.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
EXPENDITURE—cont.	RS.	RS.	RS.	RS.	RS.	RS.
52-A. Capital Outlay on Forests						
—cont.						
B. Sowing and planting ..	3,897	..	..	..	914	..
C. Other charges—Voted—						
Working plans ..	..	..	13,655	..	..	41
Other miscellaneous charges.	..	..	..	..	596	..
Total, I. ..	5,712	..	13,655	410	1,794	46
(c) Communications and buildings—						
A. Roads and bridges—						
Works in progress ..	1,897	855	..	..	531	232
New works ..	829	..	..	..	1,455	239
B. Buildings—						
Works in progress ..	2,829	..	..	1,800	711	83
New works ..	1,578	1,848	..	..	1,107	4,631
C. Other works—						
Works in progress ..	..	..	..	214	..	482
New works ..	94	347	..	169	1,029	1,517
Total (c) ..	7,227	3,050	..	2,183	4,833	7,169
(d) Railways and tramways ..	425	..	..	..	..	..
(e) Livestock, stores, tools and plant—						
A. Livestock—Purchase of livestock ..	..	..	..	..	1,323	(a) 13
B. Stores, tools and plant ..	100	72	171	..	184	6,729
Total (e) ..	100	72	171	..	1,139	(a) 9,742
(f) Investments in Government commercial undertakings—						
A. Russelkonda sawmill. —	3,41,926	..	..	..	..	..
B. Mount Stuart forests..	..	..	..	..	37,297	..
C. Nilambur valley forests.	..	..	..	..	..	..
D. Chenai Nair Exploitation scheme including Olavakkot saw mill ..	..	..	..	..	..	(a) 63,326
Loss or gain by exchange.	..	..	..	..	..	..
Total (f) .. —	3,41,926	..	..	..	37,297	63,326

Expenditure for 1932-38—cont.

[illegible]

Summary of Revenue and

Budget heads	Walsh Circle.	Bellary Circle.	Working Plan Circle.	Salem Circle.	Coimbatore Circle.	Ootaca- mund Circle.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
EXPENDITURE—cont.						
52. A. f. Establishments.						
Write back of capital expendi- ture to Revenue	1,49,163	..	..	..	— 4,384	42,075
II. Deduct receipts and recove- ries on Capital Account ..	..	..	..	..	..	..
III. Deduct English cost of stores ..	..	..	..	..	..	..
IV. Expenditure in England ..	..	..	..	..	..	..
A. Pay of officers—	..	..	..	..	..	..
Non-voted ..	..	..	72,698	..	..	..
Deduct emergency out ..	..	..	— 7,940	..	..	..
Voted ..	..	..	24,971	..	..	..
Deduct emergency out ..	..	..	— 2,497	..	..	..
B. Pay of establishments—	..	..	..	..	..	..
Voted—	..	..	..	..	..	..
Permanent ..	..	..	(a) 58,901	..	..	..
Temporary ..	..	..	(a) 715	..	..	..
Deduct emergency out ..	..	..	(a) — 8,450	..	..	..
C. Other charges—Non-voted—	..	..	..	..	..	..
Travelling allowances (in- cluding cost of passages) ..	..	..	12,815	..	..	..
Voted—	..	..	..	..	..	..
Travelling allowances ..	..	..	16,824	..	..	..
Fixed travelling allowances ..	..	..	5,591	..	..	..
Other compensatory ..	..	..	3,015	..	..	..
Contingencies ..	..	..	5,947	..	..	..
Supplies and services ..	..	..	1,190	..	..	..
Total ..	..	..	1,87,780	..	..	..
VIII. Forest—Receipts of this Presidency.	..	..	..	..	..	Abst
Receipts in England ..	..	..	..	..	..	..
Total Receipts ..	..	..	..	..	..	..
8. Expenditure—	..	..	..	..	..	..
(a) General Direction— Chief Conservator's office.	..	..	..	..	..	..
(b) Conservancy, mainte- nance and regenera- tion.	..	..	..	..	..	..
(c) A. District establish- ments.	..	..	..	..	..	..
B. Research ..	..	..	..	..	..	..
C. Exploitation (in- cluding the Forest Engineer- ing, and the Utilization officers' divi- sion).	..	..	..	..	..	..
D. Forest College ..	..	..	..	..	..	..
E. Chenchu Officer ..	..	..	..	..	..	..
(d) Losses in Govern- ment commercial undertakings.	..	..	..	..	..	..

(a) Modified with reference to the

Expenditure for 1932-33—cont.

Forest Engi- neer.	Forest Utilization officer.	Parlaki- medi Maliabs.	Gol- gonda Agency.	Forest College.	Provincial Sylvicul- turist.	Chenchu officer.	Chief Conser- vator.	Total.	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	1932-33.	1931-32.
								RS.	RS.
2,22,719	..	..	..	..	..	..	..	4,09,573	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	72,698	54,722
..	..	..	..	..	..	..	..	— 7,940	..
..	..	..	..	..	..	..	..	24,971	28,937
..	..	..	..	..	..	..	..	— 2,497	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	58,901	45,822
..	..	..	..	..	..	..	..	715	14,230
..	..	..	..	..	..	..	..	— 3,450	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	12,815	12,175
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	16,824	20,835
..	..	..	..	..	..	..	..	5,591	6,873
..	..	..	..	..	..	..	..	3,015	4,019
..	..	..	..	..	..	..	..	5,947	5,092
..	..	..	..	..	..	..	..	1,190	1,598
..	..	..	..	..	..	..	..	1,87,780	1,94,353
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	47,38,129	..
..	..	..	..	..	..	..	..	40	..
..	..	..	..	..	..	..	..	47,38,169	42,54,874
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	98,227	1,30,850
..	..	..	..	..	..	..	..	10,38,815	9,71,522
..	..	..	..	..	..	..	..	20,95,340	21,75,899
..	..	..	..	..	..	..	..	57,555	63,863
..	..	..	..	..	..	..	..	69,755	68,741
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	80,675	67,666
..	..	..	..	..	..	..	..	22,088	25,878
..	..	..	..	..	..	..	..	1,92,763	..

Accountant-General's actuals.

Summary of Revenue and

Budget heads.	Waltair Circle.	Bellary Circle.	Working Plan Circle.	Salem Circle.	Coimbatore Circle.	Ootacamund Circle.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
EXPENDITURE—cont.						
52. A. f Establishments—cont.	Rs.					
(e) Loss by exchange ..	..	..	..	..	..	..
Expenditure in England on stores and other than stores.	..	..	..	..	..	..
20. Interest—Interest on deposits from Depreciation Reserve of Government commercial undertakings.	..	..	..	..	..	..
52. A. Capital Outlay on Forests.						
I. (a) Forest surveys ..	..	..	..	..	..	..
(b) Organization, improvements and extension of forests—Reserved.	..	..	..	..	..	..
I (c) Communications and buildings.	..	..	..	..	..	..
(d) Railways and tramways.	425	..	..	..	..	..
(e) Livestock, stores, tools and plant.	..	..	..	..	..	..
(f) Establishments—Working Plans Circle	..	..	..	..	..	..
(g) Investments in commercial undertakings.	..	..	..	..	..	..
(h) Write back of capital expenditure to Revenue.	..	..	..	..	..	..
(i) Deduct—Receipts and recoveries on Capital Account.	..	..	..	..	..	..
(j) Deduct—English cost of stores.	..	..	..	..	..	..
(k) Expenditure in England.	..	..	..	..	..	..
Grand total ..	..	..	..	..	..	..
Surplus ..	..	..	..	..	..	..

Abst

Expenditure for 1932-33—cont.

Forest Engi- neer.	Forest Utilization officer.	Parlaki- medi- Maliahs.	Gol- gonda Agency.	Forest College.	Provincial Sylviculturist.	Chenchu officer.	Chief Conservator.	Total.	
								1932-33.	1931-32.
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	Rs.	Rs.
..	..	..	..	..	..	..	..	1,59,853	1,87,507
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	21,629	924
..	..	..	..	..	..	..	..	30,555	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	35,098	60,902
..	..	..	..	..	..	..	..	425	2,623
..	..	..	..	..	..	..	..	11,084	12,431
..	..	..	..	..	..	..	..	1,87,780	1,94,353
..	..	..	..	..	..	..	..	6,68,862	3,100
..	..	..	..	..	..	..	..	4,09,573	..
..	..	..	..	..	..	..	..	..	3,344
..	..	..	..	..	..	..	..	..	2,623
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	37,89,150	39,86,787
..	..	..	..	..	..	..	..	9,49,019	..
..	..	..	..	..	..	..	..	..	..

ract.

Forest Department, Madras Presidency.

Revenue received and outstandings on account of revenue during the year 1932-33.

District.	Particulars.	Outstandings at commencement of the year.	Value of sales and other revenue during the year.	Total.	Amount realised during the year.	Balance due to the department at the end of the year.
		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
<i>Walair Circle.</i>						
Direction ..	Timber and other produce.	..	2,328 0 0	2,328 0 0	2,328 0 0	..
Ganjam ..	Do.	12,264 13 0	1,00,456 11 0	1,12,721 8 0	98,498 0 0	14,223 8 0
Parlakimedi Malahs ..	Do.	3 0 0	36,292 14 0	36,295 14 0	36,099 0 0	196 14 0
Vizagapatam ..	Do.	0 2 0	49,505 14 0	49,506 0 0	49,471 0 0	35 0 0
Godavari, Upper ..	Do.	281 2 0	96,027 5 0	96,288 7 0	89,104 0 0	7,184 7 0
Do. Lower ..	Do.	6,980 8 0	2,35,287 10 0	2,42,268 2 0	2,30,549 0 0	11,719 2 0
Guntur ..	Do.	7,579 4 0	1,06,675 14 0	1,14,365 2 0	97,755 0 0	16,590 2 0
Nellore ..	Do.	50,741 4 0	1,26,179 12 0	1,76,921 0 0	1,09,088 0 0	67,838 0 0
Total ..		77,930 1 0	7,52,754 0 0	8,30,684 1 0	7,12,897 0 0	1,17,787 1 0
<i>Bellary Circle.</i>						
Direction ..	Timber and other produce.	..	210 7 0	210 7 0	210 7 0	..
Anantapur ..	Do.	86,445 15 0	1,26,791 13 8	2,13,237 12 8	1,73,950 0 5	39,287 12 3
Kurnool, East ..	Do.	1,524 7 0	49,065 11 8	50,590 2 8	50,440 2 8	150 0 0
Do. South ..	Do.	57,014 10 0	1,00,300 14 4	1,57,315 8 4	1,26,251 11 7	31,064 12 3
Do. West ..	Do.	30,450 8 0	1,12,880 7 2	1,43,330 15 2	(a) 55 0 0	5,990 1 0
Cuddasped, North ..	Do.	13,318 0 0	90,017 0 6	1,03,335 0 6	1,37,440 14 2	19,993 2 3
Do. South ..	Do.	59,136 5 2	85,906 5 2	1,45,342 10 4	83,341 14 6	36,769 4 0
Total ..		2,48,189 13 2	5,65,172 11 5	8,13,362 8 8	(a) + 237 0 0	(b) 1,38,699 0 0

Salem Circle.

Direction ..	Timber and other forest produce.	66 0 0	404 10 10	404 10 10	404 10 10	10 0 0
Chittoor ..	Do.	147 13 0	76,491 6 1	76,557 6 1	76,547 6 1	3,279 0 0
Vellore, East ..	Do.		3,27,310 4 4	3,27,458 1 4	3,24,179 1 4	28 8 0
Do. West ..	Do.		2,05,736 14 7	2,05,736 14 7	2,05,708 6 7	115 8 0
Salem, North ..	Do.	101 9 0	62,922 15 4	63,024 8 4	62,908 8 4	518 8 0
Do. Central ..	Do.	404 8 0	1,66,864 13 9	1,67,269 5 9	1,66,760 13 9	203 0 0
Do. South ..	Do.	31 0 0	81,660 10 8	81,691 10 8	81,488 10 8	4,155 0 0
Total ..		750 14 0	9,21,391 11 7	9,22,142 9 7	9,17,987 9 7	
					Refunds	
					10,146 13 6	
					9,07,791 12 1	
				(b) - 5,642 0 0	(a) - 5,642 0 0	

Coimbatore Circle.

Direction ..	Timber and other forest produce.	6,499 11 5	27 7 0	27 7 0	27 7 0	17,964 0 0
Kollegal ..	Do.	1,35,371 3 3	1,47,318 10 5	1,53,818 5 10	1,35,854 5 10	93,530 4 10
Coimbatore, North ..	Do.	97,743 15 0	2,12,821 7 2	3,48,192 10 5	(a) 2,54,662 5 7	42,012 13 3
Do. South ..	Do.	3,022 13 0	2,56,700 13 9	3,57,467 9 9	(b) 3,15,454 12 6	30,132 7 3
Madura ..	Do.	61,746 8 1	1,37,804 8 10	1,99,551 0 11	1,69,418 9 8	33,408 9 9
Tinnevely ..	Do.	1,412 8 0	1,29,360 11 11	1,30,773 3 11	(c) 97,364 10 2	2,17,048 3 1
Tanjore ..	Do.		14,571 14 3	14,571 14 3	14,571 14 3	
Total ..		3,05,796 10 9	8,98,605 9 4	12,04,402 4 1	(d) 9,87,354 1 0	
				(a) + 27 10 0	(e) + 181 0 0	
				(b) - 181 0 0	(f) - 181 0 0	

Ootacamund Circle.

Direction ..	Timber and other forest produce.	26,505 15 6	94,258 9 6	1,20,764 9 0	1,11,322 6 10	9,442 2 2
Mangalore, North ..	Do.	35,262 9 11	2,54,218 0 10	2,89,480 10 9	2,63,978 3 5	25,507 7 4
Do. South ..	Do.	36,045 4 4	3,42,360 3 0	3,77,425 7 4	2,43,451 10 7	1,33,973 12 9
Wynad ..	Do.	8,026 6 9	88,193 3 11	96,219 10 8	86,389 5 6	9,830 5 2
The Nilgiris ..	Do.	1,26,569 14 0	2,05,756 11 11	3,33,326 9 11	2,96,808 11 11	36,517 14 0
Palghat ..	Do.					

Revenue received and outstandings on account of revenue during the year 1932-33—cont.

District.	Particulars.	Outstandings at commencement of the year.	Value of sales and other revenue during the year.	Total.	Amount realized during the year.	Balance due to the department at the end of the year.
		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Ootacamund Circle—cont.						
Nillamur	..	..	4,79,660 0 3	4,79,660 0 3	3,87,508 12 3	(a) 1,12,151 4 0
Direction	..	..	1,161 1 7	1,161 1 7	1,161 1 7	..
Total ..	2,31,410 2 6	14,86,627 15 0	16,98,038 1 6	(b) 13,70,616 4 1	(c) 3,27,422 13 5	
Add Working Plan Circle.						
Forest Engineer ..	..	..	..	..	1,247 0 0	..
Forest Utilization Officer ..	..	..	..	..	33,496 0 0	..
Forest College ..	..	..	..	..	368 0 0	..
Chief Conservator ..	..	..	..	..	40,458 0 0	..
Receipts in England ..	..	..	..	..	9,212 0 0	..
Grand Total, Presidency.	..	..	..	..	47,38,169 0 0	..

Note for Bellary Circle. (a) A sum of Rs. 50 relating to fines and forfeitures was written off in Conservator's No. A-1-250/33, dated 24th February 1933.
 (b) A sum of Rs. 9 relating to compensation amount it was written off in Conservator's No. A-1-1417/32, dated 6th September 1933.
 (c) Out of this amount, the sum of Rs. 1,27,913-14-3 falls due after 31st March 1933.

Note for Salem Circle. (d) Add Rs. 237 realized in Salem Circle.
 (e) This return is worked out to the nearest pie.
 (f) Form 39 is worked out to the nearest rupee.

(g) Relates to Bellary and Coimbatore circles (Rs. 237 + Rs. 5,405).

(a) Excludes Rs. 600 relating to the Nilgiris district.

(b) Includes Rs. 138-11-9 realized by sale of trucks relating to North Coimbatore and Rs. 588 realized in Vellore division in Salem Circle.

(c) Includes Rs. 5,405 realized in the Salem Circle.

(d) Rupees 27-10-0 added with reference to the Accountant-General's March final adjustments.

(e) Of this, a sum of Rs. 12,882-7-3 was overdue on 31st March 1933, as shown below :—

	RS. A. P.
North Coimbatore ..	509 5 4
South Coimbatore ..	5,611 0 0
Madura ..	6,071 1 11
Tinnevely ..	691 0 0

(f) Deduct Rs. 181 realized for the Ootacamund Circle taken into account by the latter circle.

(g) Excludes Rs. 600 relating to Ootacamund circle but includes Rs. 4,624 relating to other circles.

(h) Out of this amount a sum of Rs. 2,140 since has been adjusted by the Accountant-General in 1932-33 accounts itself.

(i) Includes Rs. 181 realized in the South Coimbatore division being the sale-proceeds of ivory pertaining to Wynad and Nilgiris divisions (Rs. 174 and Rs. 7) respectively, and Rs. 600 realized in North Coimbatore division pertaining to Nilgiris division.

(j) Out of this a sum of Rs. 16,658-2-6 fell due within the year.

Financial Results for the year 1932-33—cont.

District	Timber and other produce removed from the forests by Government Agency.		Other revenue.		Formation, protection and improvements of forests.	Total.	
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
<i>Salem Circle.</i>							
Chittoor ..	3,043	1,362	73,787	69,581	19,074	76,830	90,017
Vellore, East ..	81,513	10,849	2,16,593	1,05,953	11,401	2,98,106	1,28,203
Do. West ..	20,313	2,639	15,566	13,651	7,056	35,879	23,346
Salem, North ..	1,40,977	44,966	62,494	65,821	(d) 32,092	2,03,471	1,42,879
Do. Central ..	38,281	9,798	1,66,270	72,285	9,906	2,04,551	91,989
Do. South ..	9,596	8,053	81,559	61,417	9,044	91,155	73,514
Total ..	(a) 2,93,723	72,667	6,16,269	3,83,706	88,573	9,09,992	5,49,948
						(c) — 10,196	
						8,99,796	
						(d) + 2,853	
						9,02,149	
<i>Coimbatore Circle.</i>							
Kollegal ..	69,815	11,546	86,045	58,673	9,401	1,35,860	79,620
Coimbatore, North.	1,36,426	20,155	1,18,243	82,385	19,526	2,54,669	1,22,066
Coimbatore, South.	2,11,139	77,578	1,04,322	51,515	43,297	3,15,461	1,72,890
Madura ..	1,320	1,103	1,68,103	95,066	23,427	1,69,423	1,19,596
Tinnevely ..	8,594	3,407	88,775	60,541	15,632	97,369	79,580
Tanjore ..		39	14,572	1,875	167	14,572	2,081
Total ..	4,27,294	1,13,828	5,60,060	3,50,055	1,11,450	9,87,354	5,75,833
			(a) + 28			(b) + 28	(c) + 8
						9,87,382	5,75,841
						(d) — 181	

Note for Salem Circle—

- (a) Excludes Rs. 7,994 of sandalwood revenue relating to other circles.
 (b) Includes Rs. 19,659 spent on the investigation of spike.
 (c) Refunds. The figures in this return agree with form 39.

Total receipts as per Form No. 39 ..	RS. 9,07,791
Deduct revenue relating to Bellary and Coimbatore Circles (Rs. 237 + 5,405) taken into account by these circles respectively ..	5,642
Net ..	9,02,149
Total charges ..	5,49,948
Deduct ..	19,659
Net ..	5,30,289
Deduct to tally with the Accountant-General's figures ..	30
	5,30,259

(d) Added with reference to the Conservator's revised figures.

Note for Coimbatore Circle—

(a) Added with reference to March final adjustments.

(b) Total receipts (includes Rs. 5,405 realised in Salem Circle) ..	RS. 9,87,382
Deducted as relating to collections by other circles ..	4,805
Net amount as per F. 39 ..	9,82,577

(c) Added being the double adjustment made in Kollegal under voted travelling allowance.

(d) Deduct the sum relating to Ootacamund Circle as it has been taken into account by the latter circle.

ANNUAL FORM No. 42.

Forest Department, Madras Presidency.

Financial Results for the year 1932-33.

District.	Timber and other produce removed from the forests by Government Agency.		Other revenue.		Formation, protection and improvements of forests.	Total.	
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
<i>Waltair Circle.</i>							
Ganjam ..	3,403	869	96,154	79,835	45,843	99,557	1,26,047
Pariakimedi ..	4,460	2,700	81,694	84,373	1,344	86,154	88,417
Maliahs ..							
Vizagapatam (including Golu-gonda Agency).	7,582	7,871	41,981	42,859	9,657	49,568	60,387
Godavari, Upper.	32,343	16,018	56,881	57,398	28,571	89,224	99,985
Do. Lower.	5,788	9,960	2,25,257	98,304	23,694	2,31,045	1,29,958
Guntur ..	61	1,136	98,420	67,801	4,509	98,481	73,446
Nellore ..	7,809	12,236	1,02,795	48,490	8,834	1,10,604	69,560
Total ..	61,446	50,290	6,53,182	4,27,058	1,20,452	7,14,628	5,97,890
						(a) — 1,781	
						7,12,897	
<i>Bellary Circle.</i>							
Anantapur ..	(a) 216	39	1,73,978	44,338	14,408	1,74,194	58,780
Kurnool, East ..	7,400	2,890	43,067	57,555	20,229	50,467	80,674
Do. South.	20,014	3,112	1,06,327	56,641	19,725	1,26,341	79,478
Do. West ..	4,198	1,317	1,33,294	68,159	23,695	1,37,487	98,171
Cuddapah, North.	36		83,345	61,902	18,631	83,881	80,433
Do. South.	(b) 5,894	1,048	1,02,737	65,366	20,088	1,08,631	86,487
Total ..	37,753	8,406	6,42,748	3,53,961	1,16,666	(d) 6,80,501	4,79,083
						(e) + 80	
						4,79,163	

Note for Waltair Circle—

(a) Represents refunds.

Note for Bellary Circle—

(a) Value of sandalwood realized in Vellore division.

(b) Includes the sum of Rs. 21 being the value of sandalwood realized in Vellore division.

(c) Added to tally with the Accountant-General's figures.

(d) Includes Rs. 237 realized in the Salem circle.

Financial Results for the year 1932-33—cont.

District.	Timber and other produce removed from the forests by Government Agency.		Other revenue.		Formation, protection and improvements of forest.	Total.	
	Receipts.	Charges.	Receipts.	Charges.		Receipts.	Charges.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
<i>Ootacamund Circle.</i>							
Mangalore, North.	68,829	81,717	42,686	5,851	8,924	1,11,515	96,492
Mangalore, South.	2,31,305	1,33,117	32,861	2,506	6,531	2,64,166	1,42,554
Wynad	2,25,188	1,89,544	18,459	7,340	32,466	2,43,647	2,29,350
Nilambur	3,50,494	1,08,556	17,209	4,451	35,465	3,67,703	1,48,472
The Nilgiris	57,874	79,499	28,708	3,715	22,416	86,582	1,05,630
Palghat	2,08,090	1,52,626	88,912	11,184	9,709	2,97,002	1,73,519
Total	11,41,780	7,45,059	2,28,835	35,447	1,15,511	(a) 13,70,615	(b) 8,96,017
ABSTRACT.							
Total of the above excluding Parlakimedi Maliahs and Gulgonda Agency.						46,12,707	30,70,382
Parlakimedi Maliahs						36,099	34,927
Gulgonda Agency.						4,557	7,908
Forest Utilization Officer.						353	44,822
Forest Engineer.						33,496	24,581
Forest College						40,458	80,675
Working Plans						1,247	1,87,780
Circle Establishment.							57,555
Provincial Sylviculturist.							9,212
Chief Conservator.						9,212	98,227
Chenchu Officer.							22,088
Receipts and charges in England.						40	1,59,853
Grand total, Presidency.						47,38,169	37,89,150

Note for Ootacamund Circle—

(a) Total receipts	RS.
Deduct revenue included in the Coimbatore Circle inclusive of Rs. 181 referred to in item (d) in the Coimbatore circle	782
Net	13,69,833

(b) Includes Rs. 379 pertaining to the Forest Utilization Officer's division and Rs 8,834 an Rs. — 3,594 pertaining to Forest Engineering division.

ANNUAL FORM No. 43.

Forest Department, Madras Presidency.

PART I.

Statement of Livestock (1) elephants and (2) other livestock during 1932-33.

District.	On hand at the commencement of the year.		Number received during the year.	Number disposed of during the year.	On hand at the end of the year.		Total expenditure on maintenance during the year.
	Number.	Value.			Number.	Value.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(1) ELEPHANTS.							
<i>Waltair Circle.</i>		RS.				RS.	RS. A. P.
Godavari, Upper..	2	7,329	..	..	2	7,329	754 0 0
Do. Lower..	1	2,500	..	..	1	2,500	204 0 0
Total ..	3	9,829	..	..	3	9,829	958 0 0
<i>Bellary Circle.</i>							
Kurnool, West ..	2	4,000	..	..	2	4,000	799 10 0
		..	..	..	..	..	* 945 5 0
Total ..	..	..	..	..	..	..	1,745 15 0
<i>Salem Circle—Nil.</i>							
<i>Coimbatore Circle.</i>							
Coimbatore, South.	19	59,600	..	1	18	† 50,800	† 14,571 0 0
Total ..	..	..	..	..	..	..	14,571 0 0
<i>Ootacamund Circle.</i>							
Mangalore, North.	4	5,200	1	5	..	..	1,368 4 0
Do. South.	14	81,000	3	4	13	32,700	10,181 10 0
Wynad ..	41	79,150	3	10	34	74,675	25,526 0 0
Nilambur ..	21	68,600	..	2	19	61,500	15,631 0 0
Nilgiris ..	7	22,600	..	2	5	12,000	3,774 4 9
Total ..	87	2,01,550	7	23	71	1,80,875	56,481 2 9 A
Grand Total, Presidency.	111	2,74,979	7	24	94	2,45,504	73,756 1 9
(2) OTHER LIVESTOCK.							
<i>Waltair Circle.</i>							
Nellore ..	§ 1	45	..	..	1	45	47 0 0
Total ..	1	45	..	..	1	45	47 0 0
<i>Bellary Circle.</i>							
Buffaloes.							
Anantapur ..	2	75	..	..	2	† 81	20 0 0
Total ..	..	..	..	..	..	..	20 0 0
Grand total ..	..	..	..	..	..	..	1,765 15 0

N.B.—The charges of maintenance of all three elephants are shared by Revenue and Forest Department in ratio of 2:3. So the amount shown in column 8 is net charge incurred by the Forest Department.

* Pay of establishments.

† Represents revaluation made by the Inspector of livestock in January 1933.

‡ Excludes a sum of Rs. 2,096-8-0 relating to 1931-32 accounts adjusted by the Accountant-General in his summary for February 1933.

§ Buffalo.

|| This is the correct value as per stock return and store register.

ANNUAL FORM No. 48—cont.

Statement of Livestock (1) elephants and (2) other livestock during 1932-33—cont.

District.	On hand at the commencement of the year.		Number received during the year.	Number disposed of during the year.	On hand at the end of the year.		Total expenditure on maintenance during the year.
	Number.	Value.			Number.	Value.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Rs.				Rs.	Rs. A. P.
(2) OTHER LIVESTOCK—cont.							
Salem Circle.							
Chittoor	1	15	..	..	1	15	50 10 0
Total	1	15	..	..	1	15	50 10 0
Coimbatore Circle—Nil.							
Ootacamund Circle.							
Wynaad	2	378	..	1	1	172	416 0 0
Nilambur	20	1,450	..	2	18	1,245	3,518 0 0
Nilgiris	4	305	2	2	4	350	964 1 0
Total	(a) 26	2,133	(b) 2	(c) 5	(d) 23	1,767	4,886 1 0
Grand Total, Presidency.	30	2,268	2	5	27	1,908	5,003 11 0

(a) 22 buffaloes and 4 bulls.

(b) 3 buffaloes and 2 bulls.

(c) Buffaloes.

(d) 21 buffaloes and 2 bulls.

A. Exclusive of Rs. 1,215 being the value of the unspent stock of medicines and provisions of livestock at the close of 1932-33.

ANNUAL FORM No. 43—cont.

PART II.

Statement of Elephants gone off the list during the year 1932-33.

District.	Names.	When purchased or otherwise obtained by Government.	Age.	How disposed of.
			y. m.	
		Waltair Circle—Nil.		
		Bellary Circle—Nil.		
		Salem Circle—Nil.		
		Coimbatore Circle.		
	Zara	25th September 1897	47	Died on 8th December 1932.
		Ootacamund Circle.		
North Mangalore.	Countess ..	Captured on 6th June 1910 ..	45	Transferred to South Mangalore division.
	Peri	Do. 11th April 1889 ..	67	
	Chamundi ..	Do. 4th February 1900 ..	39	Sold.
	Devamaji ..	Purchased on 3rd February 1926 ..	31	
	Gajaraj ..	Born to elephant Chamundi on 25th February 1931.	2	
	Roshan ..	Born to elephant Chambagam on 31st January 1930.	2½	Do.
South Mangalore.	Balakrishna ..	Born to elephant Countess on 18th November 1930.	1½	Do.
	Girija	Captured on 5th May 1928 ..	49	Died.
	Sutlej	Do. 27th February 1902 ..	41	10 Do.
	Emily	Do. 22nd June 1899 ..	53½	Destroyed.
	Libera	Do. 7th March 1909 ..	39	Died.
	Narasimhan ..	Do. 11th January 1927 ..	35	Do.
	Chickalaxmy ..	Do. 27th May 1927 ..	45	Do.
	Leela	Born to elephant Mehra on 11th October 1930.	2	Sold.
	Aga Khan ..	Captured on 4th December 1930.	14	Do.
Wynaad.	Gowri	Born to elephant Emily on 31st December 1930.	1	10 Do.
	Damodaran ..	Born to elephant Lalitha on 25th May 1931.	2	1 Do.
	Indrani	Born to elephant Ganga on 21st January 1930.	2	6 Do.
	Hilla	Born to elephant Meenakshi on 30th November 1931.	1	6 Died.
	Theebaw ..	Captured in January 1886 ..	54	Died.
Ilambur.	Ansari	Born to 'Kitty' on 15th May 1931.	1	7 Sold.
	Forester ..	Captured on 1st May 1908 ..	32	Transferred to Wynaad division.
Ilgiris ..	Horatius ..	Do. 16th March 1906 ..	28	

ANNUAL FORM No. 44.

Forest Department, Madras Presidency.

Abstract showing the Value of Stores, Tools and Plant for 1932-33.

District.	Stores.				Difference.	
	On hand at the commencement of the year.		Additions or exclusions during the year.		On hand at the end of the year.	
	Number.	Value.	Number.	Value.	Value.	Value.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Walakir Circle.</i>						
Direction	(b) 318	(c) 5,131	9	114	309	5,112
Ganjam	4,765	17,359	(a) 18	133	..	19
Parakimedi	(e) 894	5,870	(e) 280	1,144	4,521	17,668
Vizagapatam	1,578	9,187	(a) 11	67	889	5,805
Golconda Agency	219	1,907	(a) 1	..	1,796	11,089
Godavari, Upper	4,214	19,278	(a) 160	1,073	3,914	19,721
Do. Lower	3,081	37,971	(a) 460	630	3,111	38,211
Guntur	3,715	15,419	(a) 73	536	3,894	15,895
Nellore	38,226	63,465	(a) 365	2,670	37,028 or	69,625
	+ 9 miles of tram.		+ 2 miles of new tram.	+ 6,000	8,798 (d)	
			(a) 1,563	+ 2,510	+ 18 miles 3 furlongs and 252 ft.	
Total	57,010	1,76,587	1,024	12,174	55,462	1,83,126
	+ 9 miles of tram.		+ 2 miles of tram	4,635	+ 18 miles 3 fms. and 252 ft. of tram track.	
			(e) 2,572			7,539

Direction	392	6,434	1	1	390	6,422	12
Anantapur	3,541	11,105	3	13	3,054	10,585	520
Kurnool, East	3,601	16,891	487	520	3,531	16,842	49
Do. South	3,581	15,666	162	243	3,490	15,548	118
Do. West	5,345	24,975	91	118	5,349	24,635	340
Cuddapah, North	3,901	14,285	14	634	4,356	15,633	..
Do. South	3,403	18,839	10	974	3,320	16,345	494
			491	1,611			
			36	263			
			7	189			
			90	633			
Total	23,764	1,06,195	595	2,628	23,490	1,06,010	185
			869	2,813			
<i>Salem Circle.</i>							
Direction	232½	7,122	(a) 2	207	233½	7,325	..
Chittoor	4,029	14,003	(b) 1	4	4,026	13,882	121
Vellore, East	9,334	29,498	(a) 370	551	5,185	15,223	14,275
Do. West	Nil. +		(b) 373	672	4,707	15,383	..
			(a) 262	120			
			(b) 4,411	14,395			
			(a) 5,195	14,288			
			(b) 488	531			
Salem, North	3,816	21,753	(a) 62	601	3,796	22,025	..
Do. Central	3,442	13,988	(b) 82	329	3,481	14,041	..
Do. South	3,887	15,233	(a) 84	706	3,137½	14,878	355
			(b) 95	141			
			(a) 844½	496			
Total	24,740½	1,01,597	(a) 6,070	18,239	24,566	1,02,757	..
			(b) 6,244½	17,079			

Note for the Walakir Circle—

(a) Represents exvaluations.
(b) Difference is due to revaluation of certain articles of furniture which are not valued before.

(c) District Forest Officer, Nellore, reports that the difference between the opening balance and the articles on hand at the end of the year is due to conversion of tram articles included in column (2) into miles and furlongs
(d) Value of stock in the Agency tracts brought under the control of the Forest Department.

Note for the Salem Circle—

(a) Additions.
(b) Exclusions.

* Due to revaluation.

† The Division was formed only with effect from 1st December 1932.

Abstract showing the Value of Stores, Tools and Plant for 1932-33—cont.

District.	Stores.						Difference.	
	On hand at the commencement of the year.		Additions or exclusions during the year.		On hand at the end of the year.		In favour of the year.	Against the year.
	Number. (2)	Value. (3) RS.	Number. (4)	Value. (5) RS.	Number. (6)	Value. (7) RS.	Value. (8) RS.	Value. (9) RS.
<i>Coimbatore Circle.</i>								
Direction	221	2,898	3	(a) 628	220	3,502	604	..
Kollegal	2,741	10,747	83	(b) 24	2,757	10,926	179	..
North Coimbatore	3,573	15,108	67	(a) 594	3,570	15,047	..	61
South Coimbatore	3,193	54,617	19	(b) 415	4,128	54,708	91	..
Madura	3,352	10,770	22	(a) 64	3,356	10,776	6	..
Tinnevely	4,088	14,412	1,142	(b) 125	4,118	15,260	848	..
Vernacular Training School	390	310	207	(a) 1,107	..	..	..	310
			390	(b) 310	..	..	..	..
Total	17,558	1,08,862	1,369	(a) 3,406	18,149	1,10,219	1,357	..
			778	(b) 2,049	..	..	..	..
<i>Ootacamund Circle.</i>								
Direction	397	6,813	28	450	420	7,246	433	..
Mangalore, North	1,723	13,385	5	17	1,699	12,672	..	713
Do. South	3,829	44,170	108	683	2,979	18,006	..	26,164
Wynad	5,732	47,017	132	1,396	6,364	29,535	..	17,482
Nilambur	2,462	30,550	433	2,258	2,551	20,008	..	..
The Nilgiris	1,568	18,711	1,283	28,422	2,141	13,833	..	..
			1,310	1,336	..	..	..	..
			708	18,816	..	..	..	..
			139	285	..	..	..	..
			50	227	..	..	..	..
			629	168	..	..	..	..
			56	71	..	..	..	..
<i>Palghat</i>								
Forest Engineer, Coimbatore.	2,020	12,361	186	62	2,082	12,783	422	..
Total	9,227	1,92,693	1,939	206	7,288	59,534	..	1,40,159
			26,958	1,40,159	..	..	..	..
			..	5,808	26,474	1,74,192	..	1,83,508
			..	1,89,316	..	..	..	..
Forest Utilisation Officer	153	2,872	167	763	320	3,635	763	..
Principal, Forest College	7,085	53,602	279	..	7,406	52,347	..	1,255
Grand Total—Presidency	A 157,868	A 9,06,415	3,001	—1,74,129	154,867	7,32,286	..	1,74,129

Note for the Coimbatore Circle.—

(a) Additions.

(b) Exclusions.

* Transferred and included in South Coimbatore stock.

A Revised figures adopted.



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5. Owing to financial stringency the expenditure on roads and communications and on construction and repair of buildings was limited to cases of absolute necessity. A sum of Rs. 6,738 was spent on the construction and repair of wells and on the improvement of water-supply in grazing grounds.

6. There was generally an increase in the number of offences under the Forest Act and consequently in the amount of compounding fees realized from the offenders. The percentage of cases which ended in conviction also showed an increase.

7. Section III of the Chief Conservator's report records the activities of the department under the head of 'Sylviculture' and records the results of very interesting work done; in particular, the recent developments in the artificial regeneration of dry fuel forests are of great promise. Progress continued in the preparation of working plans and more than two-thirds of the total area of reserved forests will very shortly be covered by sanctioned working plans.

8. The forest village system was in operation during the year in the North Mangalore division where there were three panchayats. The Government understand that only one of them has since renewed its agreement with the department and that the others are not functioning.

9. In a year of continued trade depression it was hardly to be expected that the operations of the department could be extensive or profitable. It is the more gratifying to observe that the working of the department for the year resulted in a surplus of 9.49 lakhs against 0.08 lakhs in the previous year.

(By order of the Governor in Council)

C. A. HENDERSON,
Secretary to Government.

To the Chief Conservator of Forests.

„ Accountant-General.

„ Board of Revenue (Land Revenue and Settlement).

„ Secretary to the Government of India, Department of Education, Health and Lands (with C.L.).

„ Inspector-General of Forests (with C.L.).

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