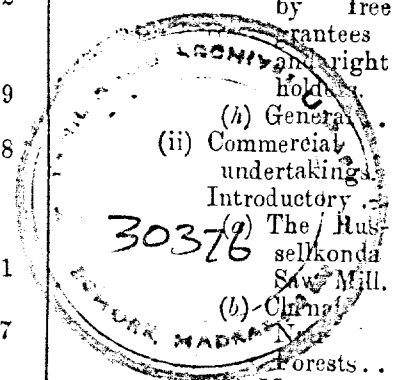


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Proceedings of the Chief Conservator of Forests

Proceedings No. 459, Press, 20th October 1932

Administration Report—Forest Department—1931-32.

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Chief Conservator of Forests.

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I.—INTRODUCTION.

Considerable progress was made in the year in the organization of management and the preparation of working plans. There has, too, been a steady access of knowledge of the silvicultural requirements of the principal species, while the correct methods of establishing regeneration have become better understood. If a methodical stock-taking of what the forests contain has revealed that some of the tentative estimates, notably in South Kanara, were optimistic, and other of the earlier specific estimates incorrect, it is nevertheless the fact that those of the forests so far examined are of considerable present or potential worth and that under properly devised systems of management they will constitute a considerable asset.

2. The cold water school of thought draws attention to the fact that it is not possible to dispose of the whole of the material which some recent plans have shown that it is legitimate to exploit. Though this is literally true, at the moment, there is no evidence whatsoever that, with the return of more normal times, the demand will not also resume normality and, in the meantime, the obvious step of curtailing output so as to avoid an accumulation of timber stocks has been taken. And a temporary setback may prove in the end to be a positive advantage if it is possible to provoke the use of equally good and equally cheap Madras timbers rather than that the money of the Province should be spent outside it as is the case at present. A considerable handicap to Madras is that its principal timber producing sources are poorly accessible to the main consuming centres; but, even so, much of the use of imported woods is uneconomical while it is difficult to induce even consuming departments of Government to believe that there is any useful timber other than teak.

3. With a restriction on exploitation there is naturally a less area to regenerate and in consequence a restriction of expenditure under all heads has fortunately not reacted to the detriment of something so essential, for work of this nature, if not at once remunerative, is essential unless the first principles of forest management are to be departed from. A forest

is not a thing of only the present; matters have not reached the stage at which it is necessary to encroach upon capital and, if what is taken away cannot be replaced, there should be no taking away. Similarly it is not economical to neglect other, if less direct, matters influencing the perpetuity of the forests—general protection, fire protection, the maintenance of roads, other works and the like. Important as it is that there should be a financial return, and when full development has been reached this will be considerable, the needs of the people in respect of timber, fuel, grazing, water, and so on should not be overlooked.

4. An inability to provide funds for the work of a Second Sylviculturist is to be regretted. Some progress is being made by local effort in the highly important matter of ascertaining how best to reconstitute the degraded types of forest, degraded owing to the demands of all kinds imposed upon it, but no satisfactory solution will be found until it is possible to organize this work under a specialist officer. This is the type of forest that means the most to the people.

II.—GENERAL ADMINISTRATION.

(i) ALTERATION IN AREA.

5. The area of Reserved Forests (including Ryots' Forests) at the commencement of the year was 18,963 square miles. Eight square miles were disreserved and 1½ square miles were added, the area at the end of the year being 18,955 square miles of which 3,338 square miles, classed as Ryots' Forest, are under the control of the Board of Revenue.

6. The area of Reserved Lands at the beginning of the year was 350 square miles which increased to 453 square miles by the end of the year due to the preliminary notification of areas destined to be Reserved Forests in Godavari, and to the notification under section 26 of the Forest Act, by Collectors, of small areas in Anantapur, Cuddapah and Kurnool for management by panchayats. The area at the end of the year was 453 square miles.

(ii) FOREST SETTLEMENT.

7. The area under settlement at the commencement of the year was 104.33 square miles to which an area of 95.14 square miles was added. Twenty-two square miles were settled during the year, but were not actually declared Reserved Forest until after the close of the year. A balance of 177 square miles remains to be settled. The principal areas under settlement are situated in the Upper Godavari division and the Rampa Agency.

8. The selection and demarcation of blocks for reservation in the Rampa Agency has been completed.

9. Out of an area of 306 square miles forecasted for reservation in the Balliguda Agency, an area of 150 square miles has been selected. Progress has recently been slow for reasons that are not apparent.

(iii) DEMARCATION.

10. Thirty-three miles of new boundaries were demarcated at a cost of Rs. 2,488. Of a total length of 23,062 miles of artificially marked boundaries, 17,424 miles were kept in repair, of which 13,757 miles were maintained by subordinates free of cost or as part of fire-protection operations, and the balance at a cost of Rs. 4,579, thus leaving 5,605 miles unrepaired. At the close of the year, 336 miles of boundary lines remained to be demarcated chiefly in the Kollegal, North Coimbatore and Madura divisions.

11. In Ganjam 48 miles, and in Upper Godavari 36 miles of frontier boundaries were inspected by gazetted officers. In Madura and Tinnevely eight miles of estate boundaries adjoining Reserves were cleared. In the Nilgiris, the Wynad and the North and South Mangalore divisions the year's programme of inspection of frontier boundaries was carried out by the District Forest Officers.

(iv) SURVEY.

12. The Survey of India completed the 4-inch scale survey of the Galleri Extension Reserves in the Ganjam division and have taken up the topographical survey on a 1-inch scale of the Gudem Agency in the Vizagapatam division. In Central Salem they completed the survey of the Aranha and Thirthagiri blocks. In South Salem they have finished the topographical survey of Vedambium, Veppadi, Vengamudi, Venjarai, Periasalai, Gundur, Poolambadi, Ariyalur, Attur-Manmalai, Adukkam Pudukkombai, Perumalmalai and Bailnad Reserves.

13. The Madras Survey Party surveyed the external boundaries of thirteen Reserves in Lower Godavari. In Central Salem the resurvey of the Harur taluk which was in progress has been suspended owing to financial stringency. The survey of the outer boundaries of the Bailnad, Adukkam Pudukkombai and Perumalmalai Reserves was completed. In South Coimbatore eight out of the eleven areas assigned to planters were surveyed. Survey was also in progress in South Mangalore.

14. The Forest Reference maps were kept up to date.

(v) ROADS AND COMMUNICATIONS.

15. The total expenditure on new works was Rs. 39,025 and on repairs Rs. 1,14,708 as against Rs. 54,439 and Rs. 1,12,526, respectively, incurred in 1930-31.

16. The principal new work was then on the two girder bridges and a length of connecting road in the Nilambur division: these will be completed in the current year.

17. Forty miles of new roads were constructed and 2,075 miles of existing roads were repaired as against 45 miles and 2,116 miles, respectively, in the previous year.

18. The condition of most of the forest roads in the Second Circle is reported to be unsatisfactory owing to shortage of funds. Roads in other circles are stated to have been kept in a fair state of repair; but there can

be no doubt that in framing the budget forecast for the current year the need for economy was regarded to an extent which is wasteful. If roads are not kept in proper repair they will ultimately have to be remade.

(vi) BUILDINGS.

19. No new work of any particular importance was undertaken.

20. The total expenditure amounted to Rs. 20,375 for new construction and Rs. 58,586 on repairs or a total of Rs. 79 lakh as against Rs. 1.56 lakhs in the previous year. The decrease was due to the curtailment of expenditure on account of financial stringency.

(vii) OTHER WORKS.

21. The total amount spent during the year on the construction and repair of wells, tanks, etc., amounted to Rs. 5,761 as against Rs. 11,135 in the previous year.

22. *Improvement of water-supply in grazing grounds.*—A sum of Rs. 1,043 was spent on the improvement of the water-supply in grazing grounds in the Guntur, Anantapur, Kurnool East and West and North and South Cuddapah divisions. The public were also permitted to repair existing water-sources and to construct new wells and tanks at their own cost in Guntur. In the Fifth Circle no improvements were undertaken owing to financial stringency.

(viii) FOREST ENGINEERING.

23. The Forest Engineer was principally engaged on the construction of the Nilambur bridges. He had a certain amount of work in connexion with the liquidation of the Chenat Nair concern and was responsible for the maintenance of the saw mills. He investigated and advised on extraction problems in connexion with the preparation of working plans and was deputed to Tinnevely to examine the possibilities in respect of the constructions of two bridges at Mundandurai. He delivered a series of lectures at the Forest College. The scope of his activities is extending and, as soon as an opportunity presents itself, he will be required to make a systematic survey of the means of extraction in all divisions; much can no doubt be done to facilitate the extraction of all forms of produce.

(ix) LIVESTOCK.

(a) Elephants.

24. The number of elephants at the beginning of the year was 132 valued at Rs. 3,10,079.

25. During the year six elephants were captured (five in the Wynaad and one in the Palghat division) and five calves were born. Twenty-three elephants (including four new captures) were sold for Rs. 13,730 and nine died or were destroyed. The number at the end of the year was 111 valued at Rs. 2,74,979.

26. The experiment of dragging logs by the mouth-rope method was tried with twelve elephants. The results were encouraging, but the loads prescribed were not comparable with those usually dragged by the harness method. The experiment is being continued with increased loads.

27. Owing to the restriction of timber extraction and to the difficulty experienced in disposing of surplus animals capturing operations have been suspended for the time being.

28. There is a marked increase in the numbers of wild elephants, notably in Kollegal and North Coimbatore, and it is probably necessary that steps be taken to reduce them.

(b) Cattle.

29. There were 39 buffaloes, bullocks and asses valued at Rs. 2,914 at the beginning of the year. Two bulls, four buffaloes and two asses were sold, one buffalo died and six asses were destroyed by tigers. Two bulls and one buffalo were purchased and three ass foals were born. At the end of the year there were thirty animals, valued at Rs. 2,268.

(x) BREACHES OF THE FOREST ACT.

(X) BREACHES OF LAW & ORDER.										
Cases.	Injury to forests by fire.		Unauthorized fellings.		Unauthorized grazing.		Other offences.		Total.	
	1930-31.	1931-32.	1930-31.	1931-32.	1930-31.	1931-32.	1930-31.	1931-32.	1930-31.	1931-32.
RESERVES.										
Cases taken to Court	14	13	4,313	4,933	1,088	1,449	206	228	5,651	6,623
Cases compounded	28	25	5,708	5,789	2,082	2,361	610	682	8,428	8,857
Cases undetected	969	1,023	190	300	15	12	4	7	1,178	1,312
Total	1,011	1,061	10,211	11,022	3,185	3,822	820	917	15,257	16,822
UNRESERVES.										
Cases taken to Court	66	6	1,499	1,323	297	34	105	85	1,967	1,448
Cases compounded	75	185	6,166	4,820	628	99	554	344	7,423	5,448
Cases undetected	32	21	112	122	..	..	7	12	161	158
Total	173	215	7,777	6,265	925	133	666	441	9,541	7,054
TOTAL RESERVES AND UNRESERVES.										
Cases taken to Court	80	19	5,812	6,256	1,385	1,483	311	313	7,618	8,071
Cases compounded	103	210	11,874	10,609	2,710	2,460	1,164	1,026	15,851	14,305
Cases undetected	1,001	1,017	302	422	15	12	11	19	1,329	1,500
Grand Total	1,184	1,276	18,018	17,287	4,110	3,955	1,486	1,358	21,798	23,876

30. There has been an increase in all forms of offences in Reserved Forests, particularly under unauthorized fellings (7.6 per cent) and unauthorized grazing (20 per cent). This is attributed to greater vigilance in detection on the part of the subordinates.

31. Increased attention to grazing offences is not, however, reflected in the grazing revenue which shows considerable reduction, though there seems to be no reason why the demand upon departmental forests should decline while that upon panchayat forests remains the same. An enquiry into this matter has been undertaken, but no convincing reasons have been advanced to account fully for the decreasing revenue and closer personal attention to this is required of Conservators.

32. Of the 7,261 cases from Reserved Forests disposed of by magistrates, in 4,188 cases the accused paid the compounding fees in Court, and 492 (or 16 per cent of the cases which actually went to trial) were acquitted. Of offences from unreserves 20 per cent of the cases actually going to trial resulted in acquittal. In no fewer than 5,145 cases in which the accused admitted their guilt and agreed to compound they failed to do so until they went to court; in 5,145 different cases subordinates were taken from their work to no purpose and considerable sums were wasted in travelling allowance. There seems to be no reason why this should further be put up with and why in such circumstances the magistracy should not impose fines slightly higher than the compounding fees. If the accused is not prepared to pay this it is always open to him to go to trial. It is proposed to address Government separately on this matter.

33. A sum of Rs. 1,66,387 was realized as compounding fees against Rs. 1,93,077 in the previous year. The average compounding fee for each case was Rs. 13-10-6 and for each accused Rs. 6-15-7 as compared with Rs. 14-7-1 and Rs. 7-4-9 respectively, in the previous year. It is not evident why, with offences on the increase, penalties should be reduced and there is no order requiring a cut in compounding fees as in pay.

34. Investigation by District Forest Officers into cases of forest offences continued to be unsatisfactory in spite of admonitions on the subject. The particular attention of Conservators is directed to this; it is for them to ensure that orders are carried out by those for whom they are responsible. There may have been few important cases but, as has been pointed out before, it will generally be the apparently simple case that is the false one—often without an accused at all, the beat subordinates putting up dummy cases and paying the compounding fees themselves as a cover for the condition of their beats. Also it is observed that the percentage of conviction in cases which have actually gone to trial has dropped from 90 per cent to 84 per cent—this is unsatisfactory pointing to lack of investigation or ineffective presentation.

35. Investigation by Range Officers has been insufficient particularly in the Nilgiris, Madura, Chittoor, Vellore, Tinnevely, Guntur, Nellore and Central Salem divisions.

36. Thirty-nine sandalwood cases were reported in the year. Cases of this class should never be compounded.

37. Rewards to the extent of Rs. 1,370 were distributed to Forest subordinates, Police officials and private individuals who helped in the detection of sandalwood and other offences. Rewards might well be given on a more liberal scale.

38. Surprise inspections and special secret patrols were organized in most districts with results which are reported to have been satisfactory, but it is felt that enough is not done in this direction. Protection in parts of Cuddapah, South and Central Salem, the Vannathiparai forests of Madura, and the Bolampatti range of Palghat is notoriously bad. There is ample provision everywhere for the people to obtain their requirements without difficulty and Conservators must insist upon proper protection.

39. The complaint is sometimes heard that magistrates inflict inadequate punishments, but there is no need for District Forest Officers to adopt the *non-possumus* attitude they so often do. It is not for a magistrate to assess damage to the forest without proof, or to know of the great cumulative effect of offences which appear to him to be of a petty nature. It is the duty of District Forest Officers to supervise the presentation of cases and themselves to give evidence as to damage and so on where really deterrent sentences are considered to be necessary.

40. Towards the end of the year Government sanctioned revised Sandalwood Transit Rules for the Salem, South Arcot and Trichinopoly districts. The Sandalwood Transit Rules of other districts are being revised on the same lines.

41. There were 89 reported cases of illicit shooting and hunting. The matter of game protection does not receive the attention it should; that the increase in licensed arms has made this the more difficult is undoubtedly the case but far more might and should be done by District Forest Officers to mitigate the evil. Their notice has been drawn to this more than once.

(xi) PROTECTION FROM FIRE.

42. Early-burning was carried out as usual in the Second, Fifth and Sixth Circles. The total area dealt with under this system was 935 square miles against 922 square miles in the previous year, the recorded expenditure being Rs. 4-6-11 per square mile against Rs. 4-2-1 in the previous year. Twenty-eight square miles were subsequently burnt, that is to say, were burnt twice.

43. Conservators are discreetly silent as to the real effect of this practice of early-burning as a method of protection and should, in future, specifically comment, as a result of personal knowledge, on the real success or otherwise of the year's work. Properly carried out there can be no doubt that the method has much to commend it in certain localities; but it is to be feared that more often than not burning is done at a time when it is impossible to avoid damage to the tree growth and also that the supervision is superficial. Further it is not believed that it is possible to early-burn in a proper manner for the recorded figure of cost. The special attention of Conservators is directed to the need of the closest control in this matter.

44. It is undoubtedly the fact that the introduction of early-burning has done a good deal to vitiate the efforts of the past; subordinates and the public alike have gathered the impression that the burning of the forest no longer signifies.

45. The area over which other special fire-protection was attempted was 4,070 square miles of which 341 square miles (8.38 per cent) was unsuccessful, the corresponding figures for the previous year being 4,108 square miles, 372 square miles and 9.05 per cent respectively. The bulk of the damage by fire was, as usual, in the First Circle, the percentage of the area burnt being 17 against 20 in the previous year. About 245 square miles were burnt of which 163 square miles were in the Nugur range of the Upper Godavari division. This range, at one time, included in the Central Provinces, contains little forest of much value, the cause being repeated burning. An attempt to close burnt areas to grazing is resisted by the Collector of East Godavari on the ground that grazing would be interfered with. In such circumstances it is for consideration whether it may not be desirable to withdraw establishment (the range does not pay its way) and abandon the forest. The expenditure on special protection during the year was Rs. 32,734, or Rs. 8-0-8 per square mile, as against Rs. 31,415, or Rs. 7-10-0 per square mile, in the preceding year.

46. Rewards amounting to Rs. 2,545 (as against Rs. 1,529 in the previous year) were distributed to the Khonds in the Ganjam division, to the Koyas and Reddis of the Upper Godavari division and to the settlers in the Peddapur Agency in the Lower Godavari division for assistance rendered in fire-protection. As the forest dwellers in the Lower Godavari division have been indifferent to fire-protection, and as the rewards have failed to stimulate them, it has been decided to put an end to them and the Conservator will do well to exercise the closest supervision over the grant of such rewards in other divisions—what is paid is often undeserved and unearned.

47. In the Upper Godavari, the North Cuddapah, the Tinnevely, and the Palghat divisions some areas were closed to grazing on account of severe and repeated fires in order to provide a period of recuperation to the forests and in the Vellore division the grazing fee was enhanced as a penalty for incendiary fires. But, considering the number of fires which have occurred during the year, it is evident that the policy of closure, than which there is no more effective way of reducing the incidence of fires, has not been followed to the extent it should have been. There need be no question of fixing the responsibility for the fires upon the grazing or any other interests, direct proof of which is very rarely possible, but the burnt areas must be closed to grazing to provide a period of recuperation. In order to render the closure effective, it must be promptly applied and illicit grazing in the closed areas must be severely penalized.

(xii) PROTECTION AGAINST INJURIES FROM NATURAL CAUSES.

48. In the Nilambur division the investigation into teak defoliation was continued under the direction of the Forest Entomologist, Dehra Dun, the main work being the mapping of the defoliated areas. In the Wynaad, there was an attack of teak defoliation in Begur range, and a

mild attack in plantations in the Nallamalais. *Phassus malabaricus* is troublesome in a number of new teak and *Gmelina* plantations.

49. Logs of *Pterocarpus marsupium* in the Godavari were attacked by insects identified at Dehra Dun as species of *Cacia* and *Crysobothris*. In Palghat, much damage is done to introduced *Acrocarpus fraxinifolius* by *Terias Sylhatana*; dusting the plants with calcium arsenate is being tried as a preventive. In Upper Godavari rats are reported to have damaged a teak plantation. Bison have done a certain amount of damage to *Gmelina* and teak plantations and also to young sandal in Vellore. Wild elephants damaged young sandal in North Coimbatore and Tinnevely and teak plantations wherever they exist. Apart from the damage done to plantations, elephants have increased in some places to an extent that warrants their organized destruction, a matter which is under consideration, the position being aggravated by the fact that for the time being capturing operations are suspended as exploitation work is curtailed and also as there is no market for elephants. Of recent years sambhur in Tinnevely have become addicted to young teak which is destroyed in this way to an extent that has become serious.

Pigs and monkeys caused much injury to young plantations in Nilambur.

50. In the Nilgiris frost was particularly severe and young Eucalyptus plantations suffered considerably.

51. The destruction of prickly-pear by the Cochineal insect proceeds rapidly and steps are being taken to regenerate the blanks so caused with tree species.

52. Lantana continues to spread and the matter of biological control has been suggested to Government. In the Hawaiian Islands this has proved effective. Similarly Eupatorium is rapidly overrunning the Nilgiri plateau and is spreading to Nilambur and the Wynaad. Loranthus gives a certain amount of trouble in a number of districts and is on the way to killing out completely *Acacia melanoxylon* on the Nilgiris.

53. Strobilanthes is a nuisance in a number of areas, but it appears to be possible to eradicate it by cutting it down to ground level.

54. The Indian Institute of Science, Bangalore, continued the investigation into sandal spike disease on the biochemical, and the Forest Entomologist, Dehra Dun, on the entomological, side. Definite results are not yet forthcoming though a good deal has been learnt and the proper silvicultural treatment of sandal is now better understood. Whether definite means of preventing the disease can be evolved, or not, it must be evident that if the trees can be maintained in a generally healthy condition their powers of resistance to this or any other form of disease will be increased. Sandal is principally found in a degraded type of forest in which the host trees are ordinarily unhealthy and it must be the aim gradually to transfer it to a more wholesome surroundings, when the fate of the present stock will not be a matter for concern.

55. Climbers and creepers are reported to be dealt with by the beat subordinates, but it is not clear in some cases whether this is a generalization or whether the work is done on definite and approved schemes as it should be. Special attention was drawn in the review for 1929-30 to the necessity for systematized work.

(xiii) FOREST PANCHAYATS.

56. The total area under panchayat management is 3,338 square miles. Certain small areas originally classified as Ryots' Forests have been retransferred to the Forest Department but have not yet been formally reclassified.

57. The Forest Village System was in operation only in the North Mangalore division, where three panchayats are reported to have discharged their duties satisfactorily. This system is well suited to the local conditions in South Kanara and might well be extended, but the general forest concessions in this district, by which the ryots are able to obtain domestic and agricultural requirements free and without incurring any obligations, stand in the way.

(xiv) FOREST COLLEGE.

58. No Government students were deputed either for the 1930-32 or for the 1931-33 course and it must be sometime before the number of trained men required is again sufficient; there is already a shortage and considerable inconvenience will continue for the next three or four years. The strength of the 1930-32 class was 20—four from the Central Provinces, one from Bihar and Orissa, six from Bombay, three from Hyderabad, one from Indore, one from Baroda, two from minor States and two private students. One student was discharged from the College, having been declared unfit for further service. The examination results were satisfactory. Of the nineteen students, sixteen secured Higher Standard Certificates and three Lower Standard Certificates. None obtained Honours.

59. Twenty-one Government students, obtained from the ranks of the Foresters, have been deputed for training in the 1932-34 class; this is not a completely satisfactory method of recruitment as these men are of rather too old an age, but there was no more expeditious manner of resuming training. For the 1933-35 class there will be direct *ad hoc* recruitment.

60. A post of Instructor continued to be held in abeyance: this arrangement will be made permanent.

61. The net cost of the maintenance of the College was Rs. 13,544 as against Rs. 26,857 in the previous year.

62. The curriculum followed the usual lines, the only change of importance being the formation of a new camp in North Salem so that better attention might be paid to the study of sandalwood and its exploitation.

63. The health of the students both at the College and in camp was very satisfactory. The extent to which their physical condition improves during the course is remarkable.

(xv) VERNACULAR TRAINING SCHOOLS.

64. No Vernacular Training Schools were held during the year. This decision was taken on grounds of economy, but it will be necessary to resume this class of training in the current year.

III.—SYLVICULTURE.

65. The report of the Provincial Sylviculturist is published separately. It deals with research work which has hitherto been almost entirely confined to the West Coast and other major forests. The need for a second Sylviculturist for research work in the dry districts has been accepted, and an officer is available for the purpose, but financial restrictions have rendered it impossible to provide funds for the necessary experimental work and this research, upon which so much depends, remains in abeyance. Something has been done by district officers, but there cannot be appreciable progress until the work is directed and co-ordinated by a specialist officer. Fifty-five years ago in connexion with the formation of fuel plantations in Cuddapah certain tentative conclusions were reached as to the most suitable species to use in arid and infertile tracts: those conclusions in respect of *Prosopis* and *Acacia leucophylla* are likely to be confirmed, but the information has been obtained in an entirely fortuitous manner and the need for systematized work and the careful recording of results, whether positive or negative, cannot be emphasized too strongly. The amount spent on research work amounted to less than 2 per cent of the gross revenues.

66. While some experimental work has been done in the districts, with varying success, it is felt that more might have been attempted and it has again been necessary to impress upon Conservators the imperative necessity of keeping the Sylviculturist in touch with all that is being done independently of that officer.

67. Encouraging results have been obtained in some of the small timber and fuel forests by piling and burning the waste material after felling and dibbling seed in the ashes.

68. There persists a neglect to refer to experimental work of other than the current year; as, for example, a work inaugurated in Upper Godavari whereby it was sought to obtain teak regeneration by advance fellings, associated with burning and sowing. Success was obtained at the outset and if this is maintained it may well be that this, the cheapest method of all, may be found suitable for adoption in a number of areas. Similarly no detailed mention is made of the stage reached in the solution of the difficult problem of regeneration in the sal Ravine Working Circle in Ganjam.

69. It is now definitely established that the raising of teak from stumps is the most satisfactory method to adopt in the Wynaad, the Nilgiris, South Coimbatore and in fact everywhere, except perhaps in Nilambur, where the favourable conditions make it possible to adopt the cheapest method. And the fears expressed in some quarters that trees originating in this way would ultimately prove to be unsound have been set at rest. The most suitable time for setting out stumps is under investigation and there appears to be little doubt that the earlier this is done the better, provided there is an ample reserve for the replacement of casualties in the event of disappointment in regard to rain.

70. Experiments in the use of *Tephrosia candida* as a cover crop in the earlier stages of a teak plantation have not been properly pursued and must be repeated. Renewed efforts must be made to raise sal in

conjunction with field crops in the north of Vizagapatam: this method has met with great success in Bengal and the process has been admirably described by the Conservator of that Province.

71. Greater attention has been paid to obtaining a mixture of species in artificial crops of teak, the orders forbidding the removal of woody species in weedings and clearings appear to be generally respected, but those instructions are repeated here as it is felt that the matter is one of first-class importance. Such mixture and the provision of an adequate underwood are essential to the production of first-class teak, and may be obtained without expense.

72. More is known about the raising of teak crops in the Wynaad, but the growth is irregular and slow.

73. Initial work on regeneration in mixed teak forest worked on the selection method is encouraging. Some excellent examples are to be seen in the Wynaad and South Coimbatore. Similar work, with appropriate species, is conducted in the evergreen areas, an attempt being made to restock with the more valuable species the gaps resulting from the selection fellings. There has been some disappointment in respect of *Acrocarpus fraxinifolius* which was most promising in the early stages. This is due to a defoliator. But while it is necessary to regenerate in whatever manner appears immediately possible it is only reasonable to suppose that the soundest method to adopt for this class of forest is to regenerate in advance of the fellings, and to tend at the time of felling whatever natural regeneration already exists, and this is often considerable. Research into the best manner of achieving this result is proceeding, but whether regeneration be by gaps, or in advance, it is clearly to be remembered that though regeneration of the less valuable species may be present, or easily obtained, it is to be disregarded, for it is only the most valuable species that it is profitable to exploit.

74. The planting of casuarina was continued in Lower Godavari and Nellore. A suggestion considerably to extend the scope of the work in the latter division is under consideration.

75. The work of reclaiming and fixing the shifting sands of the Kudiramoliteri in Tinnevely continued, 500 acres being planted up. The area so treated decreased considerably as did the cost per acre in spite of the adoption of a closer planting distance.

76. The artificial propagation of sandal continued in a number of districts with varying degrees of success. So much is now known of the correct methods that failure can only be due to neglect or to the selection of unsuitable localities. An interesting experiment in the raising of this species with field crops is in progress and, so far, a remarkable degree of success has been obtained in the Nilgiris, North Coimbatore and Kollegal. Failure in North Salem is inexplicable. But an attempt to combine sandal with permanent or semi-permanent cultivation, such as was seen in Kollegal, is to be deprecated and, although the few trees ordinarily left unfelled in the case of the temporary cultivation and such regrowth as comes up, will supply a certain quantity of host plants, such cannot be relied upon wholly and tree species, preferably *Cassia siamea*, should be artificially introduced. It appears likely that the policy to

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adopt in respect of sandal is to introduce it artificially into suitable high, or semi-high, forest areas where it does not occur at present and gradually to withdraw attention from the areas of degraded forest in the neighbourhood of habitations, which form its present habitat. There appears to be justification for stating that sandal is an exotic, which would account for the areas of its occurrence, but it will grow readily almost anywhere and it cannot be kept in a condition fit to resist disease if it is dependent upon unhealthy host trees. It has been stated that sandal does not respond to any cultural process, but such is not the case—it is easily grown.

77. A sum of Rs. 75,154 was spent on artificial regeneration against Rs. 99,883 in the previous year.

78. Government decided in the year, after long consideration, no longer to maintain the plantation accounts which it had been intended to keep throughout the life of a crop. That these were unnecessary is evident but it is not to be supposed that the costing of plantation work is not of importance, or that costs and interests may be ignored in formulating proposals for working and regenerating a forest. The Chief Conservator has been gratified to find that the regeneration ledgers, wherein should be recorded all items of work with cost, up to the time a crop is established, are, with a notable exception in South Mangalore, carefully maintained and he trusts that continued attention will be paid to these important records.

79. The following areas were worked under the various silvicultural systems:—

	ACS.
Timber clear felling	924
Simple coppice	27,203
Coppice with standards	3,713
Selection fellings	191,322
Improvement fellings	138,232
Improvement cum clear fellings	74,417
Sandalwood selection fellings and the extraction of dead trees	122,847
Bamboo selection fellings	1,065,853

while thinnings were carried out over 712 acres.

80. A few years ago considerable areas hitherto worked as coppice with standards were converted to simple coppice. The latter system is in many ways preferable to the former but it is perhaps the case that the transfer has gone too far and that too little attention is paid to the production of small timber and wood suitable for agricultural implements. Where areas managed for the latter purposes are not readily available coppice with standards should be reverted to and in the preparation or revision of all working plans this instruction should be taken into consideration.

IV.—WORKING PLANS.

81. At the close of the year sanctioned working plans, or schemes, were in existence for 9,793 square miles; but this area includes plans for reserves now under panchayat management and Conservators should ensure that the returns submitted next year are confined to forests under departmental management.

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82. Plans for some 3,300 square miles were under preparation or awaiting sanction, while areas without plans at all amount to about 6,000 square miles.

83. Plans completed by the special branch so far are those for Ghumsur, the Wynaad (deciduous and evergreen), Mudumalai, North Mangalore, South Mangalore, Palghat and Mount Stuart, and the areas now receiving attention by the five divisions are Tinnevely, North Coimbatore and Kollegal, Lower Godavari, the balance of South Coimbatore other than Mount Stuart and Madura. Revisions of important time-expired plans are overdue and will be taken up as soon as circumstances permit.

84. The examination of Kollegal has disclosed the fact that there exists bamboo in sufficient quantity, and which could be made readily available, for a paper mill which could conveniently be situated at Mettur, where lime is available and where there is a line of rail. The Forest Research Institute have reported favourably on the possibilities and the details have been supplied to the Industries Department.

85. A few plans and schemes have been or are being prepared by local officers: the majority of these are of a stop-gap nature and will require thorough overhaul and revision by the special branch in due course. One plan, for a small area in Nellore, has been in gestation for seven years.

86. Control records are checked by the territorial Conservator, the Working Plans Conservator scrutinizing them as well and submitting periodical reviews to the Chief Conservator. The records are better prepared than they were, but there is still room for improvement.

V.—UTILIZATION.

(i) SUPPLY OF PRODUCE.

(a) Timber.

87. The total output of timber was 63,740 tons, or a little over 25 per cent less than that of the previous year. The details are—

(1)	By Government.		By purchasers.		Total.
	1931-32. (2) TONS.	1930-31. (3) TONS.	1931-32 (4) TONS.	1930-31. (5) TONS.	
Reserved Forests, Leased Forests and Reserved Lands	20,740	37,860	17,900	13,440	
Unreserved	2,500	640	18,240	28,880	
Total	23,240	38,500	36,140	42,320	
(1)	By free grantees.		By right holders.		Total.
	1931-32. (6) TONS.	1930-31. (7) TONS.	1931-32. (8) TONS.	1930-31. (9) TONS.	
Reserved Forests, Leased Forests and Reserved Lands	560	720	360	40,000	52,380
Unreserved	2,680	3,360	320	23,740	33,200
Total	3,240	4,080	1,120	63,740	85,580

88. The total quantity of timber exploited from departmental forests showed a marked decrease; a dull market made it essential to restrict the output of the main producing centres. Thus the output of the Sixth Circle decreased by nearly 9,000 tons, of which the Wynaad accounted for 4,800 tons. On the other hand, departmental work in the Unreserves increased, due to the exploitation of sleeper woods from Unreserves in South Kanara. The increase in the quantities exploited by purchasers from Reserves is principally due to extraction in connexion with a lease in the Ulandi Valley forests of the Fifth Circle, as well as to departmental work being replaced by contract agency in Ganjam.

89. The quantity of timber departmentally collected, and remaining undisposed of at the end of the year, was 1,247,000 cubit feet, as against 1,413,000 cubit feet, in the previous year. It is gratifying that the balances have been reduced but it has been considered to be advisable further to restrict output in the current year.

(b) *Fuel.*

90. Two lakhs nineteen thousand five hundred and sixty-two tons of fuel were removed from Reserved and Leased Forests, of which 12,700 tons were removed by departmental agency, as against 234,825 tons and 13,800 tons respectively in the previous year. The outturn from Unreserves was 15,950 tons as against 21,262 tons in the previous year.

91. There was a fall amounting to 13,525 tons under removals by purchasers which was mainly due to the sale of a smaller number of coupes in the Kurnool West and the Cuddapah South divisions, where owing to the fall in the price of fuel, trees in certain coupes were converted into timber instead of fuel.

(c) *Bamboos.*

92. The value of bamboos removed by all agencies was Rs. 3.44 lakhs against Rs. 3.94 lakhs in the previous year. The decrease was mainly in the First, Second and Fifth Circles and was due to poor prices realized for bamboo coupes on account of the general trade depression, though it does not appear that the general conditions have adversely affected this product to the same extent as others.

93. Some development is possible particularly in North Coimbatore, Kollegal and Lower Godavari by opening up with roads bamboo areas which are not so served at present and reference is made elsewhere to the possibility of developing a paper-making enterprise at Mettur.

The Rajahmundry pulp and paper mills have not taken up the lease of bamboo areas which had been arranged for them in Upper Godavari.

(d) *Sandalwood.*

94. Six hundred and seventy-two tons of sandalwood were sold for Rs. 6,12,802 as against 564 tons for Rs. 4,40,755 in the previous year. The average price realized was Rs. 912 per ton, as against Rs. 782 in the previous year, Rs. 1,395 in 1929-30 and Rs. 1,485 in 1928-29.

95. That it was possible to dispose of the whole of the stocks and at better prices is satisfactory; but this market remains very uncertain, only small quantities at a time are in real demand. Efforts have been made in conjunction with the High Commissioner to establish direct touch with users and samples are being sent for analytical trial to European oil distillers.

96. It is of interest to recall that in 1913-14 the average price realized was Rs. 558 and in 1924-25, Rs. 1,596, the highest on record. In the last ten years 6,462 tons have realized Rs. 77,21,818, the direct costs of production being only a little in excess of Rs. 5,00,000. It is thus evident how important a source of revenue this is and also that it is worth while to spend on research and cultural work far more than is devoted to the purpose at present.

97. Rao Bahadur K. R. Venkataramana Ayyar was deputed to study market conditions in the year and has submitted a valuable report. There is a considerable import of sandal substitutes from Australia, Africa and other countries, which are sold to an unsuspecting public at genuine sandalwood prices. It is proposed presently to address Government with a view to an increase in the import duties.

98. Efforts to effect retail sales of small quantities at a time for ceremonial and other personal use have not so far met with much success.

(e) *Grazing.*

99. 12.73 per cent of the forests managed by the department were closed to grazing, 11.55 per cent throughout the year and 1.18 per cent during part of the year. Grazing permits were issued for 1,409,175 animals as against 1,531,661 in the previous year, the revenue realized being Rs. 5,58,765 against Rs. 5,93,407 in 1930-31. Ninety-two thousand five hundred and fifteen animals grazed free of charge as against 86,135 in the previous year; the reasons for this should have been reported. The revenue foregone by allowing free grazing and grazing at concession rates was Rs. 46,014, as against Rs. 43,480 in the previous year.

100. In the panchayat forests permits were issued for 895,450 animals as against 895,781 in the previous year, and 1,892 animals were allowed free grazing against 2,204 in the previous year. To this the attention of Conservators is particularly directed in connexion with the large decrease in the numbers licensed to graze in departmental forests. The reasons given for this decline, namely, general distress, cattle disease, failure of rains and so on are not convincing and would apply equally well to ryots' forest cattle. Enquiry into the matter is proceeding. Were it really the case that the demand upon the forest had become less it would be a matter for satisfaction but this fact has not been established and the revenues are affected considerably.

In order to meet the demand for the saving of a definite proportion of the budget allotment it was decided to abolish the posts of those who issued grazing permits on commission. This step which is a source of inconvenience to the ryots will account to some extent for the decline in revenue.

101. The average incidence of grazing in Reserved Forests under the control of the department is 5.9 acres per animal as compared with 5.5 acres in the previous year, the incidence being as low as 3.17 in the Lower Godavari division, 3.21 in the Upper Godavari division, 4.07 in the Guntur and Vellore divisions, 4.58 in the Central Salem division and 4.7 in the South Kurnool division. These figures mean very little and much of the forest is overgrazed to its detriment, as well as that of the cattle. The limitation of grazing is not permitted and it is practically impossible, in the alternative, to close altogether conveniently situated pastures which could be preserved as such, indefinitely, for a limited number of cattle.

102. An enquiry has been commenced into the question of enhancing the rates of grazing fees.

103. There was complaint in the year of the working of the kancha system which has worked well in the Nellore division for a great number of years: the matter is under enquiry.

104. Three thousand eight hundred acres in the Gutikonda reserved forest in the Guntur district has been handed over to the Agricultural Department to provide concentrated grazing for breeding cattle. This is a step in the right direction: it is to be hoped that the experiment will be a success and that, if successful, it will be extended to areas the object of management of which is primarily the provision of proper grazing facilities under regulation.

105. Experiments were conducted in the North Coimbatore division for the artificial introduction of good strains of grasses and instructions have been issued to conduct similar experiments in certain other divisions. Success will not be obtained without some expense, but there is no reason why this should not be recouped by leasing out any area so stocked at a figure representing the true value of the grazing to be obtained from it.

(f) *Minor Forest Produce.*

106. The revenue derived from minor forest produce was Rs. 6,02,529 as against Rs. 6,44,453 in the previous year. The decline would have been the greater but for the fact that a considerable sum due in 1930-31 was actually collected in the year under report. There has been a considerable falling off in the lease amounts of avaram bark which is strongly competed with by wattle bark from Africa.

107. The collection of minor produce was principally through the agency of contractors. There can be little doubt, however, that certain items, the market for which is in foreign countries, could be more profitably dealt with departmentally but considerable expenditure would be involved. It is regrettable that the experimental departmental collection of gallnuts in North Coimbatore was abandoned; the reasons for so doing appear to have been unsound and the action taken to have been precipitate.

108. Experiments in lac cultivation continued at Devarbetta, Jowlagiri, Aiyur and Noganur in the North Salem division with satisfactory results and 2,735 lb. of brood lac was obtained from 1,003 lb. of seed

used. In Noganur, however, the yield was poor owing to damage by rats and squirrels. The experiments conducted in the North Coimbatore division were not successful and have been discontinued. In the Madura division they were successful but at a prohibitive cost. The questions of the conversion of lac into high quality sealing wax, and its marketing, are under consideration.

109. In response to a representation made by one of the chief exporters of nux vomica seeds to the effect that numerous complaints had been received from the manufacturers in Europe and America that the strychnine and alkaloid contents of the seeds exported subsequent to 1929 had deteriorated, an investigation into the cause of deterioration was taken up by the Forest Research Institute, Dehra Dun. Samples of fruits and seeds collected from East and West Coast districts, in different parts of the year, were supplied, and analyses were carried out. The results so far obtained have established the fact that the quality of the seeds collected by the department is quite normal and that the strychnine content is not materially affected by varying conditions of storage. It is, therefore, suspected that apparent deterioration is due to the adulteration of genuine seeds with a species of *Strychnos*, whose seeds closely resemble nux vomica, but contain very little or no strychnine. Further experiments are being made with samples obtained from exporters to confirm or disprove the suspicion.

110. The right to collect the fruit of Dhupa (*Vateria indica*) in several divisions in the Sixth Circle was leased in 1929, for a period of years. Unfortunately, economic conditions have rendered the marketing of the fruit unprofitable and the lease has been cancelled.

111. A better market for cutch was sought and samples were sent to the Imperial Institute. The rates prevailing make it appear, however, that it would not pay to manufacture and market departmentally. The prices obtained for standing trees have declined considerably and it is not possible to sell all that are available.

(g) *Removal of Forest Produce by Free Grantees and Right-holders.*

112. The estimated value of forest produce removed by free grantees and right-holders amounted to Rs. 88,760 against Rs. 85,120 in the previous year. These figures do not take into account the considerable, if unassessable, value of the produce removed in virtue of the concessions allowed in the South Kanara district. Most of the free grants were made for the reconstruction of houses destroyed by fire and in Tinnevely by fire and floods. 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 been generally followed in sanctioning free grants, and no case in which the provision for free grants was abused has been brought to notice.

(h) *General.*

113. The domestic and agricultural requirements of the people were catered for satisfactorily in the main. Under the orders of Government the system of supplying manure leaf (whether by the controlled coupe

system or by the uncontrolled permit system) where the need is acute has been continued. But the system is very harmful to the forests, and the policy of Government is gradually to wean the ryot from drawing his supplies from Reserves by encouraging him to grow his own manure leaf, the seed for this purpose being supplied by the Agricultural Department. In order to stimulate the production of leaf outside reserves, it was suggested that certain reserves be made available for the growing of manure leaf seed, but the Director of Agriculture stated that sufficient seed was already available, and that propaganda in this direction was having the desired effect, though not to the extent anticipated or hoped for.

114. As usual, the requirements of villages in small timber for agricultural implements, fuel and bamboos were well provided for by binding coupe contractors to supply them in the coupes at not more than certain maximum rates. The position in respect of agricultural implements is not satisfactory, however. Every facility for obtaining what he wants is provided to the ryot, but so exacting is he as to the shape and kind of wood he asserts is the only possible thing to use—those vary almost taluk by taluk—that it is difficult to satisfy him. Coupes specially set apart for this supply are neglected and it is evident that, in some places, a refusal to make use of what is quite suitable is an organized attempt to obtain a reversion to the permit system.

Teak poles obtained from early thinnings have been offered as plough shafts but in this, as in other matters, the ryot is very conservative.

(ii) COMMERCIAL UNDERTAKINGS.

Introductory.

115. The divisions and parts of divisions the accounts of which have been kept in commercial form have been styled commercial undertakings. It has been decided that, from the 1st April 1932, the commercial accounts will be abandoned and these areas will not, therefore, be specially reported on in future.

(a) *The Russellkonda Saw Mill.*

116. During the year, the liquidation of this concern was completed. The entire saw mill machinery, including spare parts and all the buildings, except those transferred to the Public Works Department were sold for Rs. 25,000.

(b) *Chenat Nair Forests.*

117. During the year, the concern continued in liquidation, and since the close of the year, the saw mill machinery has been sold for Rs. 27,000 and that of the wood workshop for Rs. 4,400.

Directly the mill machinery has been removed, the buildings and land will be disposed of.

All timber stocks have been realized.

(c) *Mount Stuart Forests.*

118. Consequent on the slump in the timber market, extraction during the year was restricted to 72,665 cubic feet as against 115,617 cubic feet in the previous year. A quantity of 43,469 cubic feet of superior quality logs was carted to the Pollachi depot, against 101,444 cubic feet in 1930-31.

119. The cost of production amounted to Rs. 1-6-1-88 per cubic foot of log delivered at Pollachi, against Rs. 1-1-3-87 per cubic foot in the previous year, the reason being the smaller output.

120. At Pollachi, only 40,975 cubic feet were sold against 91,034 cubic feet in the previous year. The average rate obtained, however, slightly increased, from Rs. 1-7-6 per cubic foot to Rs. 1-8-2-8, due to the greater proportion of teak to junglewood sold. Logs of inferior quality, not worth carting to Pollachi, were sold in the forest: the quantity thus sold increased from 10,860 cubic feet to 18,975 cubic feet. There was a drop in the average prices realized—from Re. 0-5-8 to Re. 0-3-3 per cubic foot.

121. The log trading resulted in a profit of Rs. 37,255 against Rs. 6,206 for the previous year. The improvement is more apparent than real, as in the previous year closing stocks in the forest were undervalued.

122. Two thousand one hundred and fifty-eight cubic feet of sawn timber were sold at an average rate of Rs. 2-2-0 per cubic foot against 5,707 cubic feet sold at Rs. 1-14-10 per cubic foot in the previous year.

123. Out of the logs consigned in the previous year for trial sale in Madura, the entire balance of 583 cubic feet was sold at an average rate of Rs. 1-5-2 per cubic foot resulting in a small profit.

124. No sales were made in the overseas market.

125. It has not yet proved possible to dispose of the saw mill, on which Rs. 474 was spent for care and maintenance in the year.

126. The year's work showed a profit of Rs. 17,127 as against a loss of Rs. 3,704 in 1930-31.

(d) *Nilambur Valley Forests.*

127. Three lakhs twelve thousand four hundred and nine cubic feet of timber was extracted against 418,016 cubic feet in the previous year. The output comprised 156,730 cubic feet from the plantations and 155,679 cubic feet from the natural forest.

There was a slight reduction in the cost of production in both ranges.

128. Sales in the forest amounted to 99,871 cubic feet of teak at an average rate of Rs. 1-4-1 per cubic foot as against 88,280 cubic feet sold at Re. 0-9-8 per cubic foot in the previous year; and 61,821 cubic feet of other species at an average rate of Re. 0-8-3 per cubic foot as against 31,902 cubic feet sold at Re. 0-5-5 per cubic foot in 1930-31. The total sales in the forest amounted to 161,692 cubic feet at an all round average rate of Re. 0-15-7 per cubic foot as against 120,182 cubic feet sold at Re. 0-8-6 per cubic foot in the previous year; the profit on

the sales in the forest increased from Rs. 41,026 to Rs. 84,157. A better class of timber was sold up river than previously and the rates obtained were abnormally good, largely for the reason that a contract had been entered into for a large proportion of the Beypore stocks and the merchants were short of teak. This contract fell through and traders have found it difficult to dispose of what they bought without loss.

129. The quantity floated to Beypore was 187,137 cubic feet against 356,448 cubic feet in 1930-31. Sales at the depot comprised 94,595 cubic feet of teak at an average rate of Rs. 1-8-6 per cubic foot as against 160,766 cubic feet sold at Re. 1-4-2 per cubic foot in the previous year; and 111,593 cubic feet of other species at an average rate of Re. 0-11-10 per cubic foot as against 149,684 cubic feet sold at Re. 0-12-9 per cubic foot in 1930-31. The total sales in the depot thus amounted to 206,188 cubic feet against 310,450 cubic feet in 1930-31 and, on account of the better prices realized for teak, the all round average rate for all species increased from Re. 1-0-7 to Re. 1-1-8 per cubic foot.

130. For the concern as a whole, the sales of teak, during the year, amounted to 194,466 cubic feet at an average rate of Re. 1-6-3 per cubic foot as against 249,046 cubic feet sold at Re. 1-0-5 per cubic foot in the previous year; while sales of the other species amounted to 173,414 cubic feet at an average rate of Re. 0-10-6 per cubic foot as against 181,586 cubic feet sold at Re. 0-11-6 per cubic foot in 1930-31. In all, a quantity of 367,880 cubic feet was sold at an all-round average rate of Re. 1-0-9 per cubic foot as against 430,632 cubic feet sold at Re. 0-14-4 per cubic foot in the previous year.

131. Sleeper operations continued during the year, and 3,211 broad gauge and 7,907 metre gauge sleepers were supplied to the railways against 3,809 broad gauge and 12,845 metre gauge sleepers in the previous year.

132. A quantity of 13,122 cubic feet of the old mill-sawn scantlings was disposed of against 9,539 cubic feet in the previous year. Owing, chiefly, to the degrade in the stocks and the depression in the market, the average rate dropped from Rs. 2-2-9 in 1930-31 to Rs. 1-9-8 per cubic foot. The loss on sawn timber sales amounted to Rs. 3,594 against Rs. 2,426 in 1930-31. These old stocks are now nearly fully disposed of.

133. The year's work resulted in a profit of Rs. 1,93,057 against Rs. 1,85,509 for 1930-31.

134. Since the close of the year, the saw mill machinery at Beypore has been sold.

(e) Wynad Forests.

135. During the year, extraction in the Begur, Chedleth and Sultan's Battery ranges was restricted to 81,728 cubic feet against 328,454 cubic feet in 1930-31. A quantity of 66,237 cubic feet was carted to sale depots against 208,355 cubic feet in the previous year.

136. The cost of production at sale depots varied according to supplying centres and the sale depot used from Re. 0-13-3 to Re. 1 per cubic foot compared with rates of from Re. 0-14-8 to Re. 1-4-4 in 1930-31.

137. Sales in the forest depots increased from 48,006 cubic feet in 1930-31 to 69,707 cubic feet but the average rate obtained fell from Re. 0-5-5 to Re. 0-4-11 per cubic foot.

138. At the Nanjangud depot 17,933 cubic feet were sold at an average rate of Rs. 1-14-6 per cubic foot as against 32,018 cubic feet sold at Rs. 2-6-7 per cubic foot in the previous year. Thirty-one thousand five hundred and twenty-four cubic feet were sold at the Mysore depot against 47,770 cubic feet in the previous year. The rate obtained dropped from Rs. 2-5-0 per cubic foot in 1930-31 to Rs. 1-11-11 per cubic foot.

139. A quantity of 8,029 cubic feet of the balance of the old mill sawn scantlings was sold at an average rate of Rs. 1-12-3 per cubic foot as against 18,679 cubic feet sold at Rs. 2-8-7 per cubic foot in the previous year.

140. No consignments were sent to the overseas market, but out of the old stock of 2,843 cubic feet sent in previous years, 739 cubic feet were sold for Rs. 1,043 resulting in a net realization of Rs. 38. The balance of 2,104 cubic feet was sold after the close of the year.

141. Sleeper operations continued in the Kannothe range and 2,733 broad gauge and 2,444 metre gauge sleepers were supplied to the railways as against 3,235 broad gauge and 3,154 metre gauge sleepers in 1930-31.

142. The compilation of the accounts of the division on commercial lines undertaken by the commercial auditors in previous years was discontinued from the year under review.

(f) The Forest Utilization Division.

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

144. The turnover of the division, for the year, was Rs. 7,94,020 against Rs. 12,42,861 in the previous year, the decline being due to the depression in the timber market.

145. A quantity of 39,153 cubic feet of mill sawn scantlings obtained before the mills were closed, was sold, leaving a balance of 15,296 cubic feet practically the whole of which has been disposed of since the close of the year. Rupees 2-4-1 per cubic foot was realized for teak and Re. 1-0-9 for other species as against Rs. 2-15-1 and Re. 1-3-9 per cubic foot in the previous year; the decline being due to degrade, to adverse market conditions and to the most popular sizes having already been disposed of.

146. *Overseas trade.*—No consignment was made during the year. Of the old stock of 3,517 cubic feet in London, the entire stock of rosewood amounting to 760 cubic feet was sold for Rs. 290 and 653 cubic feet of laurel was sold for Rs. 996, the net realization on the sales being Rs. 127. A balance of 2,104 cubic feet—entirely laurel—was left unsold at the end of the year and this has subsequently been sold. No timber is now sent overseas except against definite orders: there has been a certain amount of enquiry from the Timber Adviser to the High Commissioner for timber and rates showing a bare margin of profit have been quoted him, but no business has resulted.

147. The sales of logs at the Pollachi, Beypore, Mysore and Nanjangud depots, during the year amounted to 143,053 cubic feet of teak at an average rate of Rs. 1-12-2 per cubic foot as against 264,427 cubic feet sold at Rs. 1-11-3 per cubic foot in the previous year; and 153,567 cubic feet of species other than teak at an average rate of Re. 0-13-3 per cubic foot as against 216,845 cubic feet sold at Re. 0-14-3 per cubic foot in 1930-31. In all, 296,620 cubic feet were sold from the depots at an all-round average rate of Re. 1-4-5 per cubic foot as against 481,272 cubic feet sold at Re. 1-5-5 per cubic foot in 1930-31.

148. **Sleepers.**—The Forest Utilization Officer continued to pass sleepers for the railways: 35,764 broad gauge and 20,974 metre gauge sleepers were supplied, in addition to 8,538 metre gauge sleepers against the requirements for 1932, as against 35,000 broad gauge, 50,000 metre gauge and 2,600 narrow gauge sleepers supplied in 1930-31. The rates paid by the railways for the 1931-32 supply were Rs. 7-12-0 per broad gauge and Rs. 3-2-0 per metre gauge sleeper as against Rs. 8-4-0 per Mesua and Hopea broad gauge and Rs. 8 per Irul broad gauge sleeper and Rs. 3 per metre gauge sleeper in the previous year. Due to the decrease in the number of sleepers supplied and to the lower rate for broad gauge sleepers, the revenue from this source decreased from Rs. 4,79,062 in 1930-31 to Rs. 3,73,953.

149. The department was fortunate in obtaining for sleeper supplies up to the end of the current calendar year the rates paid last year and it is to be feared that a reduction in the near future is inevitable. Private suppliers make absurdly low quotations, often without supplies of timber, and it is on these the rates are based. Further such people have no overhead charges and are able to produce at a cost considerably lower than Government must incur. It is true that the railways make some allowance for the department's guarantee of species and for the excellence of their sleepers, but if rates decline further certain centres of production will cease to be remunerative.

150. The Forest Utilization Officer continued to arrange for the supply of specimens of timbers for tests at the Forest Research Institute, Dehra Dun. He also made a joint inspection with representatives of the railway of the treated and untreated sleepers, laid in the line experimentally.

151. The market for spokes and felloes was investigated and revised specifications for the quality in demand were sent to the production centre.

152. Samples of Malabar-grown mahogany tested at the Forest Products Laboratory, Princes Risborough, have been favourably reported on.

153. A lease on very easy terms for the extraction of match woods in Godavari, to be worked up at Rajahmundry and which has been pending execution for some time has unfortunately fallen through, the company and its promoters having disappeared.

154. Information regarding important Indian markets for local timbers, is kept up to date. Efforts have again been made to have Madras

timber specified for use against the requirements of other departments of Government. It is satisfactory to be able to record that the two railways of Southern India are using a greater proportion of Indian teak and also of other species, while it is of interest to note the striking decline in the quantity of timber used by the railways of India—from a value of Rs. 109 lakhs in 1929-30 to Rs. 38 lakhs in 1931-32.

155. **Minor Forest Products.**—The market for minor forest products remained dull; the increased import of wattle bark coupled with the depression in the market for tanned hides adversely affected the sale of the tan stuffs.

VI.—FINANCE.

156. The total revenue, excluding the results of Government Commercial Undertakings, Nilambur and Mount Stuart, amounted to Rs. 39.95 lakhs, the expenditure being Rs. 39.87 lakhs, the reductions as compared with the last year's figures being Rs. 7.63 lakhs and Rs. 3.17 lakhs respectively. The cash surplus was Rs. 0.08 lakh, or, adding the profits on the so-styled Commercial Undertakings, Rs. 2.68 lakhs, compared with Rs. 7.14 lakhs in the previous year. (The figure of Rs. 4.30 lakhs quoted in the last year's report was corrected on receipt of the finally audited figures.)

157. There was an increase in the revenue from sandalwood due to the sale of a larger quantity and to better prices realized, though the full revenue was not realized in the year under report. The total revenue from forest produce removed by Government Agency decreased by Rs. 3.13 lakhs, the main decrease being under timber (Rs. 3.53 lakhs). Revenue from produce removed by consumers and purchasers decreased by Rs. 3.31 lakhs due to want of demand and lower prices realized for bamboo coupes, to the failure of the tamarind crop in Rampa and North Salem and to failure to sell tanning barks in Guntur and Nellore. There was also a decrease of Rs. 0.35 lakh in grazing revenue due to causes which have not yet been completely established.

158. Expenditure on works decreased by Rs. 1.72 lakhs due to the abandonment or postponement of works on account of financial stringency. There was also a reduction in expenditure of Rs. 1.28 lakhs on pay and allowances due to the emergency cut in salaries, reduction in the rates of travelling and other compensatory allowances and economy in contingent expenditure.

159. The following trading account exhibits the financial position of the department for the year and shows the net profit to be Rs. 0.26 lakh. 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 a good deal 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. 1,34,774.

I. Trading Account.

	LAKHS.		LAKHS.
	RS.		RS.
Value of timber, etc., in depots on 31st March 1931.	8.43	Value of timber, etc., in depots on 1st April 1932.	6.35
Value of tools and plant on 31st March 1931.	10.45	Value of tools and plant on 1st April 1932.	9.10
Revenue outstandings on 31st March 1931.	7.87	Revenue outstandings on 1st April 1932.	8.64
Working expenditure of the year (excluding capital expenditure).	36.91	Revenue of the year	39.95
Good debts (advances) on 31st March 1931.	0.25	Profits on commercial undertakings (as below).	2.60
Gross profit	2.90	Good debts (advances) on 1st April 1932.	0.17
Total ..	66.81		66.81

II. Interest.

	LAKHS.
	RS.
(1) Capital expenditure up to the end of 1930-31 (excluding commercial concerns)	36.57
Capital expenditure during 1931-32	2.95
	39.52
(2) Interest on capital expenditure during 1931-32, at 5.52 per cent	2.18

III. Depreciation.

(3) Depreciation on tools and plant at 5 per cent	0.46
---	------

IV. Profit and Loss Account.

Gross profit as per Table I	2.90
Deduct interest and depreciation (2.18 plus 0.46)	2.64
Net profit	0.26

The profits on the year's working of the commercial concerns were—

	RS.
Mount Stuart	17,127
Nilambur	2,43,077

VII.—GENERAL.

160. The department as usual showed every consideration to hillmen and other jungle tribes by the grant of rent-free leases for cultivation and free or preferential terms in the matter of grazing and the use of forest produce. They were provided with labour as elephant attendants and for the ordinary work of the department, while use was made of their predilection for shifting cultivation by the formation of plantations by

this means, all work done in connexion with the raising of the tree crop being paid for. This method, the use of which is extended wherever possible, is not without disadvantages but results in some economy, the saving on the cost of formation being as much as Rs. 20 an acre in some cases.

161. There was no trouble whatever with any of the forest dwellers and selection for reservation in the Balliguda and Rampa Agencies was not resented. It is the lower subordinate that is feared and it is hoped that it will be possible, except where definite works are in progress, to eliminate the guard and watcher altogether in these regions, the work of protection and boundary maintenance being left to the headmen who will be rewarded for these services. But as this system may break down at any time it will be necessary to have sanction for the appropriate number of subordinate posts so that appointment to them may be made directly the need for it arises.

162. There has long been abuse of the arrangement whereby, in the Godavaris, the local people are paid rewards if fire-protection is successful. 'Success' has been used in too elastic a manner, and it is hoped that the Conservator is now alive to the necessity for the exercise of greater care in this matter.

163. The savings deposited in the Savings Bank by the Yenadis of Sriharikota Island in Nellore now amount to an appreciable sum. A suggestion to employ certain of the controlled criminal classes on casuarina planting in this region is under consideration: the settlement would be self-supporting and it is hoped that the result of the investigation may show that such a work will prove profitable to Government, while increasing the fuel supply of Madras.

164. A survey of the position of the Chenchus, in Kurnool, disclosed the fact that there are now in occupation areas not admitted at forest settlement, while the number of cattle of all classes which they were permitted to keep has been varied. A satisfactory adjustment of these matters has been effected. Rupees 26,470, a little less than last year, was spent on the Chenchus; their adoption of agricultural pursuits, which is encouraged by the grant of loans for the purchase of plough-cattle, proceeds very slowly. Medical charges to the extent of Re. 1-3-2 per head were incurred in the interests of these people, the figure for the whole population of the Presidency, including the Chenchus, being Re. 0-9-2.

165. The Forest Department continued to carry out the Land Revenue administration of the Javadis as satisfactorily as usual. It is desirable to extend this, but anything of the kind is out of the question until the unwieldy Vellore charge is divided into two.

166. A forester in North Cuddapah was murdered in the discharge of his duties, one of the accused was sentenced to death and the others to five years' rigorous imprisonment. An extraordinary pension was granted to the forester's family. Two guards in the Madura division were murdered while on duty and two of the accused were sentenced to five years' rigorous imprisonment.

167. The health of the subordinates shows little or no improvement, though the steps taken to ensure that the surroundings of residential buildings be kept in a sanitary condition cannot fail to have effect. But there is too fatalistic an attitude adopted in respect of malaria, the cause of much money and efficiency loss, whereas simple and well-known precautions might be taken. Four rangers, five foresters and twenty-seven guards died in the course of the year.

168. The ranger position is becoming acute: an inadequate leave reserve being aggravated by delay in taking the decision to resume training at the Forest College has already resulted in a shortage of trained men and the position cannot be recovered for some years.

169. A feature of the year was the decision to abandon the long-standing practice under which the District Forest office establishments were appointed by Collectors, the clerks being borne on the general list. It has been necessary to devise a new organization comprising the whole of the clerks of the department and so to adjust scales of pay as to allow of transfers and promotions among all the different offices, while also taking into account the loss of opportunities for advancement hitherto available to the clerical staff of District Forest offices. The orders of Government are awaited.

170. The matter of game preservation is receiving increased attention; but in spite of the admonitions issued from time to time it is to be feared that the majority of present-day officers evince little interest and fail to recognize that this is a part of their duty and that of their subordinates, over whom they appear to exercise little control in this regard. The Chief Conservator was concerned to discover recently the extent to which the numbers of ibex in the Tinnevely division have been reduced and was even more concerned by the failure of the District Forest Officer to realize that poaching is responsible. Admittedly an increase in the number of licensed weapons makes poaching more difficult to contend with, but such offences are not difficult to detect. Recent rulings on the subject of the regulation of shooting have put forest officers in a somewhat invidious position, a matter on which a representation will be made separately, but they must not forget that they are the agents for the check of illicit practice and to ensure that the regulations are observed. It is also clear that little is done to obtain correct records of what is shot by licence-holders. Thus it is seen that, excepting in the Nilgiris, 636 licences were issued in the last two years and that only 27 sambhur, 20 bison, 49 panther, 24 tiger, 9 bear, 23 chital, 8 muntjac, 5 ibex and 1 blackbuck are recorded as having been shot—a total of 166 head as compared with 204 head shot in the Nilgiris alone in the same period.

171. Proposals are pending with Government for the constitution of certain areas as game preserves, not closed sanctuaries in which nothing may be shot, for it is not believed that there is any need for these or that they would prove other than happy hunting grounds for poachers, but areas of a type essential as the habitat of certain kinds of animal and which appear specially vulnerable to alienation. No area seems suitable as a national park, as access by an appreciable part of the public would not be possible—this is unfortunate as it is desirable that interest in the

fauna of the country and some public opinion on the necessity for its preservation be created.

172. All the Forest Divisional offices were inspected by the audit branch of the Accountant-General's office except those in the Second Circle. All range offices were inspected by District Forest Officers and all District Forest offices by Conservators.

173. All ranks of the department maintained their keenness and the work of a number of officers and subordinates was beyond all praise. After five years' control of the department the writer of this report desires to place on record the gratitude he feels for the very loyal support he has received throughout that period.

R. D. RICHMOND,
Chief Conservator of Forests.

APPEN

APPENDIX A.—Comparative statement of number and origin

C. Fires beginning inside the

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 lightning or by fire balloons.

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.							
	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)
<i>First Circle.</i>												
Ganjam	..	..	6	241	..	..	28	2,917	..	..	1	82
Vizagapatam ..	..	..	5	58	1	5	14	198	..	..	..	..
Godavari, Upper ..	..	..	4	37,920	..	..	7	27,674	..	..	..	..
Do. Lower ..	..	..	6	5,919	12	635	32	4,836	..	..	..	..
Guntur	..	..	1	90	2	150	11	1,406	..	..	..	..
Nellore	1	600	1	50	1	700	12	2,905	..	..	..	..
Total ..	1	600	23	44,278	16	1,490	104	39,936	..	..	1	82
<i>Second Circle.</i>												
Anantapur ..	13	7,790	7	1,880	7	6,126	26	7,835	4	2,460	..	..
Kurnool, East ..	..	..	4	6,252	..	..	1	1,471	..	..	..	..
Do. South ..	..	..	..	..	2	104	4	796	..	..	..	..
Do. West ..	1	15	4	925	..	..	36	15,920	1	150	..	..
Cuddapah, North ..	..	..	28	51,340	..	..	12	9,640	..	..	..	..
Do. South ..	2	110	6	4,105	9	3,082	20	5,559	1	13	..	..
Total ..	16	7,915	48	64,502	18	9,312	99	41,221	6	2,623	..	..
<i>Fourth Circle.</i>												
Chittoor	..	..	2	410	..	..	..	..	..	..	..	..
Vellore	..	..	3	285	..	..	38	5,494	3	1	..	..
Salem, North ..	..	..	3	334	..	..	14	3,898	..	..	..	..
Do. Central ..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South ..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	8	1,029	..	..	52	9,392	3	1	..	..
<i>Fifth Circle.</i>												
Kollegal	2	540	10	3,725	1	75	21	8,680	..	..	..	..
North Coimbatore ..	..	..	4	1,190	..	..	30	2,486	..	..	..	..
South do. ..	4	469	2	670	1	100	16	1,440	..	..	..	..
Madura	2	10	10	1,158	2	439	9	1,059	..	..	..	..
Erinaveilly ..	..	..	34	920	46	2,375	12	210	..	..	..	..
Total ..	8	1,019	60	7,663	50	2,989	88	13,875	..	..	..	..

DICES.

of fires that occurred during the calendar year 1931.
reserves or fire-traced areas.

By intentional firing.										Causes unknown.		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.							
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.
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(24)	(25)
1	330	..	..	..	..	30	3,329	9	434	45	4,004	..	..
..	..	..	..	..	..	15	203	..	..	20	261	..	..
9	21,600	5	20,921	..	..	21	70,495	13	28,114	38	136,529	..	..
..	..	..	..	..	..	44	5,471	28	4,083	78	15,473	..	..
..	..	..	..	..	..	13	1,556	4	172	18	1,818	..	..
11	587	1	600	..	..	25	4,792	3	102	30	5,544	..	..
21	22,817	6	21,521	..	..	148	85,846	57	32,905	229	163,629	..	..
48	26,067	..	..	..	..	85	42,488	6	1,480	111	53,638	..	..
5	3,634	..	..	4	1,348	10	6,453	..	..	14	12,705	..	..
1	158	..	..	2	21	9	1,079	..	..	9	1,079	..	..
..	..	..	..	..	..	37	16,070	19	6,859	61	23,869	..	..
50	90,536	..	..	13	12,155	75	112,331	11	8,375	114	172,046	..	..
26	11,168	4	276	20	7,662	80	27,760	12	3,081	99	35,056	..	..
130	131,563	4	276	39	21,186	296	206,181	48	19,795	408	298,393	..	..
33	3,355	..	..	..	..	33	3,355	23	3,845	58	7,610	..	..
81	10,207	..	..	..	..	122	15,702	51	3,421	176	19,408	..	..
5	3,000	..	..	..	..	19	6,898	52	19,940	74	27,172	..	..
..	..	..	..	..	..	..	..	93	6,954	93	6,954	..	..
..	..	..	..	..	..	..	..	76	3,573	76	3,573	..	..
119	16,562	..	..	..	..	174	25,955	295	37,733	477	61,717	..	..
40	18,218	..	..	2	165	64	27,138	79	22,768	155	54,171	..	..
29	4,760	..	..	1	50	60	7,296	67	9,609	131	18,095	..	..
10	263	..	..	..	..	27	1,803	5	2,100	38	5,042	..	..
9	1,310	..	..	1	15	21	2,823	85	2,555	118	6,546	..	..
..	..	1	60	50	8,041	109	10,686	7	490	150	12,096	..	..
88	24,551	1	60	54	8,271	281	49,746	243	37,522	592	95,950	..	..

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 railway engines.	
	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)
<i>Sixth Circle.</i>												
Mysore, North ..	3	97	..	..	..	..	45	904	..	..	..	..
Mysore, South ..	3	23	25	327	2	71	28	861	..	..	..	..
Mysore, Wynad ..	2	3	3	520	..	..	..	..	..	..	..	..
Mysore, Channarayana ..	2	3	1	2	..	..	..	..	..	..	..	..
Mysore, Nilgiris ..	1	210	8	259	..	..	2	60	..	..	..	..
Mysore, Chikmagalur ..	4	389	3	445	2	45	2	38	..	..	..	..
Total ..	15	725	40	1,553	4	116	77	1,863	..	..	..	..
Mysore, Malakindi ..	..	..	..	..	..	..	2	33	..	..	..	..
Mysore, Malakindi ..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Presidency ..	40	10,259	179	119,025	88	13,907	422	106,320	9	2,624	1	82

DICES—cont.

of fires that occurred during the calendar year 1931—cont.

reserves or fire-traced areas.

By intentional firing.								Causes unknown.	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.					
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)
3	416	1	40	13	653	62	2,013	11	262	76	2,372
..	..	12	260	9	159	51	1,351	60	1,917	139	3,618
..	..	..	..	..	..	..	..	9	386	14	909
..	..	..	..	..	..	2	60	54	1,581	3	5
7	343	..	..	..	..	11	426	13	1,378	65	2,110
..	..	..	..	..	..	..	..	..	..	31	2,638
10	759	13	300	22	812	126	3,850	147	5,624	328	11,652
..	..	..	..	..	..	2	33	21	1,404	23	1,437
368	196,252	24	22,157	115	30,269	1,027	371,611	811	134,883	2,057	635,778

APPENDIX B.—Comparative statement of impounded cattle during 1931-32.

District.	Number of cattle impounded.		Average for three years ending 1930-31.
	1930-31.	1931-32.	
<i>First Circle.</i>			
Ganjam	1,036	2,746	1,417
Vizagapatam	166	167	259
Godavari, Upper	555	1,029	303
Do. Lower	1,459	1,217	1,289
Guntur	3,565	5,911	4,497
Nellore	1,513	1,733	1,539
Total ..	8,294	12,803	9,304
<i>Second Circle.</i>			
Anantapur	7,265	8,914	6,293
Kurnool, East	3,923	5,083	2,513
Do. South	6,156	6,689	6,667
Do. West	3,889	6,689	5,246
Cuddapah, North	3,035	4,673	2,714
Do. South	4,082	3,118	3,409
Total ..	28,350	35,166	26,842
<i>Fourth Circle.</i>			
Chittoor	2,534	3,374	2,414
Vellore	4,978	5,575	5,304
Salem, North	1,188	1,898	1,336
Do. Central	2,101	2,934	2,366
Do. South	773	915	991
Total ..	11,574	14,696	12,411
<i>Fifth Circle.</i>			
Kollegal	1,796	2,626	2,151
Coimbatore, North	3,311	3,553	2,253
Do. South	81	611	184
Madura	2,560	2,555	3,116
Tinnevely	1,706	2,295	1,528
Total ..	9,454	11,640	9,232
<i>Sixth Circle.</i>			
Mangalore, North	221	229	190
Do. South	285	285	250
Wynaad	156	176	184
Nilambur	23	274	99
The Nilgiris	601	780	645
Palghat	124	321	217
Total ..	1,410	2,065	1,585
Parlakimedi Maliahs	..	..	..
Grand Total, Presidency ..	59,082	76,370	59,374

ANNUAL FORM No. 25.

Forest Department, Madras Presidency.

Areas of Reserved Forests and Reserved Lands during 1931-32.

ANNUAL

Forest Department,
Areas of Reserved Forests and

Area of Reserved

Districts.	Area on 1st April 1931.		Added during the year.		Excluded during the year.		Area on 31st March	
	Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Acres.	Equivalent in square miles.	Class I or departmental forests.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>First Circle.</i>								
Ganjam	400,043	625	(d) 63	(e) 20	400,069	625		
Vizagapatam ..	196,547	307	..	(i) 17	196,317	274		
Godavari, Upper ..	531,213	830	..	..	531,213	830		
Do. Lower ..	365,427	571	..	..	365,427	491		
Guntur	578,786	904	(f) 97	(e) 2	578,874	612		
Nellore	475,877	744	..	(g) 7	475,691	372		
Total ..	2,547,892	3,981	160	462	2,547,591	3,204		
<i>Second Circle.</i>								
Anantapur	1,146,122	1,791	..	(a) 377	1,145,678	(g) 577		
Kurnool, East ..	625,610	978	..	(b) 67	625,610	945		
Do. South ..	462,064	722	(c) 240	..	462,304	665		
Do. West ..	604,021	944	..	..	604,021	854		
Cuddapah, North ..	505,844	790	(d) 44	..	505,888	758		
Do. South ..	440,978	689	..	..	440,978	671		
Total ..	3,784,639	5,914	284	444	3,784,479	4,470		

First Circle—

- (a) Leased forests.
 (b) Notified under section 26 of the Madras Forest Act.
 (c) Notified under section 4 of Madras Forest Act.
 (d) Adoption of the correct area for the Padringi reserve with reference to the area noted in the Survey of India map.
 (e) Disafforested under section 24 of the Madras Forest Act.
 (f) Adoption of the correct areas for the Gudimetla, Jaggayyapeta Block III and Jaggayyapeta Extension IV Reserves as per Kistna Collector's Proceedings No. A-6-1950-P.C., dated 1st December 1931.
 (g) Adoption of the correct area for the Tadepalli reserve as per Guntur District Forest Officer's report.
 (h) Deleted as the area was notified under section 26.
 (i) Adoption of correct area for the Ambojora reserve.

Form No. 25.

Madras Presidency.

Reserved Lands during 1931-32.

Forests.		Area of Reserved Lands.							Total area of reserved forests and reserved lands in square miles.	
1932.		Area on 1st April 1931.		Added during the year.		Excluded during the year.		Area on 31st March 1932.		
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	..	..	..	..	..	..	625		
33	307	(a) 1,313 (b) 14	} 2	(c) 29	..	{ (a) 1,313 (b) 14 (c) 29 }	2	309		
..	830	11,853	19	(c) 22,367	..	34,220	54	884		
80	571	25,364	40	(c) 38,318	..	64,282	100	671		
292	904	(h) 381	(h) 1	..	..	..	..	904		
371	743	..	..	..	..	..	..	743		
776	3,980	39,144	62	60,714	..	99,858	157	4,136		
(h) 1,213	1,790	19,499	30	(e) 3,651	..	23,150	36	1,826		
33	978	..	..	(f) 168	..	168	..	978		
57	722	..	..	..	..	..	..	722		
90	944	1,863	3	(e) 1,926	..	3,789	6	950		
32	790	..	..	..	..	..	..	790		
18	689	..	..	..	..	..	..	689		
1,443	5,913	21,362	33	5,745	..	27,107	42	5,955		

Second Circle—

- (a) Area disafforested under section 24 of the Forest Act in panchayat reserves.
 (b) Area disafforested in a previous year in Tummalala Reserved Forest was not taken into account, hence now deducted.
 (c) 240 acres added in Kanigiri Range due to adopting incorrect area for Musunur Reserved Forest (Panchayat Forest) in previous years.
 (d) 44 acres in Kancherlamorau Reserved Forest (Panchayat) were wrongly excluded last year, hence now included.
 (e) Areas declared as "Reserved Lands" by the respective Collectors of Anantapur, Cuddapah and Kurnool under section 26 of the Forest Act.
 (f) Notified under section 4 of the Madras Forest Act.
 (g) Increase under (g) and decrease under (h) are due to the transfer of (1) Madanikonda Reserved Forest from Class III to Class I and (2) a portion of Banavasi Reserved Forest from Class I to Class III and to the disafforestation of some areas in panchayat reserves.
 (h)

Areas of Reserved Forests and

Districts.	Area of Reserved					
	Area on 1st April 1931.		Added during the year.	Excluded during the year.	Area on 31st March	
	Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent Class I or ryots forestal forests. (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Fourth Circle.						
Chittoor	503,261	786	..	(a) 0.54	503,260	578
Vellore	714,191	1,116	..	(b) 332	713,859	705
Salem, North ..	369,686	578	..	..	369,686	567
Do. Central ..	603,739	943	(e) 86	(d) 387	603,438	713
Do. South ..	263,191	411	..	(e) 10	263,181	256
Total ..	2,454,068	3,834	86	729.64	2,453,424	2,819
Fifth Circle.						
Kollegal	605,830	947	..	(f) 2,741	603,089	942
Coimbatore, North ..	558,100	872	..	..	(a) 558,100	832
Do. South ..	250,508	(i) 391	..	(g) 253	(b) 250,255	386
Madura	437,245	683	..	(f) 2	(c) 437,243	647
Tinnevely	267,156	417	..	..	(d) 267,156	407
Tanjore	6,468	10	..	..	(e) 6,468	6
Total ..	2,125,307	3,320	..	2,926	2,122,311	3,220
Sixth Circle.						
Mangalore, North ..	229,896	359	..	..	229,896	359
Do. South ..	280,558	438	(a) 521.53	(b) 36.72	281,043	439
Wynaad	168,111	263	..	(b) 112.00	167,999	262
Nilambur	68,822	108	..	..	68,822	108
Palghat	167,898	262	..	..	167,898	252
The Nilgiris ..	309,743	484	..	(b) 12.27	309,730	484
Total ..	1,225,028	1,914	521.53	160.99	1,225,388	1,904
Parlakimedi Maliahs.	..	..	..	..	..	..
Grand Total, Presidency ..	12,136,935	18,963	1,051.53	4,775.53	12,133,210	15,617

Fourth Circle—

- (a) 54 cents disreserved in Mahimandala Reserved Forest (panchayat) in Notification No. 459, dated 10th April 1931.
 (b) Exclusion of 332 acres from the total area for the district due to wrong totalling of the areas of individual reserves.
 (c) Addition of 86 acres to the total area for the district due to increased area for Mallapuram Reserved Forest in previous years as per actual survey.
 (d) 122 acres disreserved in Karuvattupai Reserved Forest in Notification No. 275, dated 28th July 1931; 124 acres disreserved in Mallapuram Reserved Forest in Notification No. 258, dated 16th July 1931; 105 acres disreserved in Mallapuram Extension Reserve Forest in Notification No. 259, dated 16th July 1931; and 36 acres less in Mallapuram Extension Reserved Forest as per actual survey.
 (e) 7.23 acres disreserved in Mallur Reserved Forest in Notification No. 414, dated 15th December 1931 and 2.77 acres due to rounding off the fractions in totalling.

Reserved Lands during 1931-32—cont.

Forests.	Area of Reserved Lands.							Total area of reserved forests and reserved lands in square miles.	
1932.	Area on 1st April 1931.		Added during the year.	Excluded during the year.	Area on 31st March 1932.				
	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)
208	786	..	..	0.01	..	..	70	0.01	786
410	1,115	70	..	..	..	..	..	..	1,115
11	578	..	..	..	..	..	..	..	578
230	943	3,790	6	..	..	..	3,780	6	949
155	411	19,302	30	..	..	..	19,302	30	441
1,014	3,833	23,162	36	..	..	..	23,162	36	3,869
..	942	..	..	..	..	..	..	..	942
40	872	..	..	..	..	..	..	..	872
5	391	..	..	..	..	..	..	..	391
36	683	..	..	2	..	(A)	2	0.024	683
10	417	..	..	..	..	..	..	..	417
4	10	(j) 5,992	9	..	..	..	5,992	9	10
95	3,315	5,992	9	2	..	..	5,994	9	3,324
..	359	..	..	..	..	..	..	..	359
..	439	5,960	9	(c) 128.70	(d) 886.34	..	5,203	8	447
..	262	22	..	..	..	..	22	..	262
..	108	11,510	18	..	..	..	11,510	18	126
10	262	..	..	..	..	..	..	..	262
..	484	{ 1,210 (f) 2,865 }	2 5 }	..	(e) 45.90	{ 1,210 (f) 2,819 }	2 5 }	..	491
10	1,914	21,567	34	128.70	932.24	..	20,764	33	1,947
..	..	112,895	176	..	16.23	..	112,879	176	176
3,338	18,955	224,122	350	66,589.70	948.47	..	289,764	453	19,408

Fifth Circle—

- (a) Includes 20,614 acres of Palamalai reserve and additions in Mettur taluk and 25,702 acres of ryots' forests.
 (b) Includes 3,470 acres of ryots' forests.
 (c) Do. 23,739 do.
 (d) Do. 6,578 do.
 (e) Do. 2,823 do.
 (f) Disreservation.
 (g) Due to rectification of areas in Anamalai reserve.
 (h) Afforestation.
 (i) Includes 27 square miles of Tekkadi Leased Forests.
 (j) Area notified under rule 5 of section 26 of the Forest Act V of 1882.

Sixth Circle—

- (a) Area added under section 16.
 (b) Area disforested under section 24.
 (c) Difference in area added as per settlement notification under section 16 by the Forest Settlement Officer.
 (d) This includes an area of 521.53 acres notified under section 16 and the balance being the area excluded at settlement, as finally notified under section 16 of the Act by the Forest Settlement Officer.
 (e) Area transferred to Hydro-Electric Department, Glen Morgan Scheme, Pykara.
 (f) Toda patta lands.

ANNUAL FORM No. 28.

Forest Department, Madras Presidency.

Progress made in Working Plans during 1931-32.

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)
FIRST CIRCLE.	SQ. MLS.	SQ. MLS.	SQ. MLS.		SQ. MLS.	SQ. MLS.
<i>Reserved Forests.</i>						
Ganjam	625	..	..	..	..	625
Vizagapatam ..	219	..	..	..	88	307
Godavari, Upper ..	..	..	..	..	830	830
Do. Lower ..	393	..	..	..	178	571
Guntur	35	..	540	..	329	904
Nellore	80	..	39	..	624	743
Total ..	1,352	..	579	..	2,049	3,980
<i>Reserved Lands.</i>						
Vizagapatam ..	..	..	..	..	2	2
Godavari, Upper ..	..	..	..	..	54	54
Do. Lower ..	..	..	..	..	100	100
Guntur	..	..	..	..	1	1
Total ..	..	..	..	..	157	157
SECOND CIRCLE.						
<i>Reserved Forests.</i>						
Anantapur ..	(a) 574	..	..	..	(g) 3+1,213(j)	1,790
Kurnool, East ..	894	..	(c) 51	..	33(j)	978
Do. South ..	613	..	(d) 9	..	(h) 43+57(j)	722
Do. West ..	..	(b) 298	(e) 556	..	90(j)	944
Cuddapah, North ..	752	..	..	..	(i) 6+32(j)	790
Do. South ..	113	..	(f) 558	..	18(j)	689
Total ..	2,946	298	1,174	..	1,495	5,913

Note for the First Circle.

NOTE.—A new working plan for the whole of Lower Godavari is now under progress by Working Plan Circle.

Note for Second Circle.

(a) Decreased area is due to transfer of 1,400 acres or 2.19 square miles of Banavasi Reserved Forest to Panchayats.

(b) During the year Yerramalais Revised Working Plan was sanctioned in Chief Conservator's Proceedings No. 424, Press, dated 3rd October 1931.

(c) Area of nine E.N. Block reserves which were transferred from class III to class I in 1930.

(d) A tentative Working scheme for 9 square miles in Nandyal Terai Block I (Gazulapalle) which was sanctioned by the Conservator is in force.

(e) Area of Nallamalai Working Plan pending sanction with the Chief Conservator of Forests.

(f) Working Plan for this area has been completed and is pending sanction.

(g) Area of Madhanikonda Reserved Forest transferred from class III to class I during the year.

(h) Area of Class I reserves of Kanigiri Range for which Working Plan is to be prepared.

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

(j) Area of panchayat reserves.

Progress made in Working Plans during 1931-32—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)
SECOND CIRCLE—	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
<i>cont.</i>						
<i>Reserved Lands.</i>						
Anantapur ..	..	..	..	..	(k) 36	36
Kurnool, West ..	..	..	..	..	(k) 6	6
Total ..	..	..	..	..	42	42
<i>Unclassed Forests.</i>						
Anantapur ..	(l) 1	..	..	..	..	1
Total ..	1	..	..	..	..	1
FOURTH CIRCLE.						
Chittoor ..	{ (a) 577 1	..	..	..	(b) 208	786
Vellore ..	{ (c) 540 (d) 189	..	165	..	(b) 221	1,115
Salem, North ..	{ (a) 141 5	..	217	..	{ (b) 210 5	578
Do. Central ..	{ (d) 511 (a) 111	(e) 530	110	..	{ (b) 92 (b) 119	943
Do. South ..	{ (a) 211 38	(f) 286	44	..	(b) 118	411
Total ..	{ 1,980 (a) 344	..	536	..	(b) 302 (b) 671	(g) 3,833 + 36 3,869

Note for Second Circle.

(k) Area of "Reserved Lands" declared by the respective Collectors under section 26 of the Madras Forest Act and transferred to panchayat management during the year.

(l) Area of Garaga unreserve included in the sanctioned Working Plan of Anantapur Division.

Note for Fourth Circle.

(a) Ryots' forests.

(b) Ryots' forests. No Working Plans required.

(c) The difference of one square mile is due to wrong totalling of areas in individual reserves last year.

(d) The difference of 1 square mile is due to disreservation since last year.

(e) Five hundred and thirty square miles in column (3) is made up of 448 square miles in column (2) (including 21 square miles of Jallutha and Godumalai but comprised in South Salem working plan) 74 square miles out of 110 in column 4 and 8 square miles of reserved lands and un-reserves.

(f) Two hundred and eighty six square miles in column (3) includes figures 211 and 44 in columns (2) and (4) and besides 30 square miles of Reserved lands.

(g) Reserved lands.

Progress made in Working Plans during 1931-32—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)
FIFTH CIRCLE.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Kollegal	{ (a) 947 (b) 5 50	..	..	..	..	942
Coimbatore, North ..	{ (a) 237 (c) 212	..	..	..	{ (e) 303 40 268	872
Do. South ..	{ (a) 85 2	30	..	1	{ (e) 5 261	391
Madura	368	..	17	..	{ (e) 37 103	683
Tinnevely	{ (a) 287 (d) 17	..	..	..	{ (e) 10	417
Tanjore	10	..	..	..	..	10
Total ..	2,240	30	17	1	1,027	3,315 (f) + 9 3,324
SIXTH CIRCLE.	..	..	..	..	..	..
Reserved Forests.	..	..	..	..	..	..
Mangalore, North ..	(a) 42	..	..	{ (b) 317 + 42	..	359
Do. South ..	(e) 7	..	(d) 431	..	(e) 1	439
Wynaad	158	..	104	..	..	262
Nilambur	108	..	..	..	..	108
The Nilgiris	159	..	..	..	325	484
Palghat	62	48	142	..	(f) 10	262
Total ..	536	48	677	359	336	1,914
Reserved Lands.	..	..	..	..	..	..
Mangalore, South ..	..	..	..	..	(h) 8	(h) 8
The Nilgiris	..	..	..	..	(g) 7	7
Total ..	..	..	..	..	15	15

Note for Fifth Circle.

- (a) Area of temporary schemes sanctioned by the Conservator of Forests.
 (b) Disreserved.
 (c) Area of lapsed Working Plan for extraction of dead sandalwood trees.
 (d) Area of lapsed scheme, sanctioned by Chief Conservator, under revision.
 (e) Area of ryots' forests.
 (f) Reserved lands.

Note for Sixth Circle.

- (a) Working scheme sanctioned for catechu area and for fuel areas.
 (b) A regular Working Plan for the whole Division which was under preparation by the Working Plans Circle was completed during the year. The area shown in column 2 has also been included in this.
 (c) This is covered by one working plan sanctioned by the Board of Revenue, two schemes sanctioned by the Chief Conservator of Forests, Madras, and one sanctioned by the Conservator.
 (d) The Working Plan for this division which was under preparation by the Working Plans Circle was completed during the year.
 (e) Area of Aleetti East extension declared as Reserved Forest during the year (correct area is 0.81 square mile).
 (f) Represents area under Panchayat management and portions of Bolampatty Blocks I and II.
 (g) Toda patta lands and Badaga plantations scattered over the district.
 (h) Revised area after settlement (last year's being 9 square miles).

Progress made in Working Plans during 1931-32—cont.

District.	Area 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)
SIXTH CIRCLE—cont.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Leased Forests.	..	..	..	..	..	..
Nilambur	18	..	..	..	..	18
Grand total ..	554	48	677	359	351	1,947
Grand total, Presidency—	..	..	..	..	..	..
Reserved Forests.	9,398	376	2,983	318	5,880	18,955
Reserved Lands..	1	..	..	..	214	..
Leased Forests ..	18	..	..	..	..	453
Total ..	9,417	376	2,983	318	6,094	19,408

Communications and Buildings during 1931-32.

Description.	At the commencement of the year.			Additions and exclusions during the year.			At the close of the year.			Repairs during the year.		
	Number.	Length.	Rs.	Number.	Length.	Rs.	Number.	Length.	Rs.	Number.	Length.	Rs.
<i>First Circle.</i>												
Ganjam ..	25	102 3 6	67,165	6	(a) 1 0 8	2,545	31	102 3 6	69,710	22	71 4 5	2,771
Vizagapatam ..	22	62 2 0	15,920	..	..	(b) 5	22	62 2 0	15,925	13	36 4 0	1,116
Godavari, Upper.	21	173 3 4	31,601	..	0 4 6	947	21	174 0 0	32,548	9	51 0 5	424
Do. Lower.	20	104 3 8	43,082	1	3 6 4	1,916	20	108 6 2	41,661	4	15 6 0	1,314
Guntur ..	33	185 0 0	32,184	-1	-5 4 0	-3,334	33	185 0 0	32,184	11	31 4 0	1,103
Nellore ..	26	152 6 0	13,154	..	..	..	26	152 6 0	13,154	11	21 4 0	907
Total ..	147	780 2 8	2,03,106	6	-0 5 0	2,079	153	785 1 8	2,05,185	70	227 7 0	7,635
<i>Buildings, residential and non-residential.</i>												
Ganjam ..	117	..	89,932	(d) -2 +1	..	2,052	116	..	91,984	84	..	6,210
Vizagapatam ..	42	..	11,357	(d) -2	..	-159	40	..	11,215	23	..	1,082
Godavari, Upper.	80	..	75,145	1	..	84	79	..	75,030	49	..	2,814
Do. Lower.	101	..	77,910	1	..	534	101	..	77,956	40	..	2,500
Guntur ..	50	..	42,884	-1	..	-488	50	..	42,884	13	..	632
Nellore ..	32	..	46,149	1	..	268	33	..	46,417	32	..	1,818
Total ..	422	..	3,43,377	-3	..	2,291	419	..	3,45,486	241	..	15,056

<i>Other works.</i>												
Ganjam ..	25	..	4,753	..	..	(e) 461	25	..	4,753	14	..	154
Vizagapatam ..	9	..	2,050	..	..	..	9	..	2,511	..	..	..
Godavari, Upper.	19	..	16,239	..	..	..	19	..	16,239	10	..	..
Do. Lower.	15	..	4,295	..	..	..	15	..	4,295	4	..	46
Guntur ..	9	..	1,264	..	..	45	11	..	1,309	2	..	110
Nellore ..	15	..	2,110	1	..	35	16	..	2,145	15	..	54
Total ..	92	..	30,711	3	..	541	95	..	31,252	45	..	410
<i>Second Circle.</i>												
Anantapur ..	117	48 2 0	8,189	..	(a) + 0 0 2	317	117	48 2 2	8,505	6	24 1 0	427
Kurnool, East ..	54	322 7 0	65,053	..	..	240	54	322 7 0	65,293	13	36 2 0	1,157
Do. South ..	26	139 0 0	47,458	..	(a) + 2 0 0	1,500	26	139 0 0	47,468	5	39 0 0	781
Do. West ..	10	75 0 0	33,966	..	..	(a) -1,279	10	77 0 5	34,187	4	22 0 0	2,710
Cuddapah, North	34	144 2 0	25,097	..	+ 1 3 0	290	34	145 5 4	25,387	4	19 3 4	560
Do. South.	36	189 2 0	45,871	+1	+ 3 1 0	400	37	192 3 7	46,271	8	40 7 0	1,841
Total ..	277	918 5 0	2,25,644	+1	+ 6 5 8	1,458	278	925 2 8	2,27,112	40	181 5 4	7,506
<i>Buildings, residential and non-residential.</i>												
Anantapur ..	28	..	50,150	..	..	(b) -1,329	28	..	48,821	17	..	884
Kurnool, East ..	70	..	70,497	..	..	..	70	..	70,497	41	..	689
Do. South ..	58	..	1,00,767	(b) -3	..	+ 46	55	..	1,00,813	29	..	1,030
Do. West ..	90	..	1,30,434	(b) -1	..	-35	81	..	1,36,399	34	..	1,136
Cuddapah, North.	52	..	81,667	(b) -8	..	+ 6,000	48	..	82,102	12	..	687
Do. South.	85	..	93,062	+1	..	+ 1,080	86	..	93,255	41	..	1,287
Total ..	383	..	5,26,577	-15	..	+ 5,290	368	..	5,31,867	174	..	5,713*

Note for First Circle.—(a) This length was not taken into account as bad portions of Tlasangi-Tarasingi road were metalled.
(b) Represents amount spent for making a trial alignment from Busilohra to Kondasanthi-Thadeparthi road.

(c) Represents the correct closing balance of last year. The figure 109 3 8 is a mistake for 104 3 8
(d) Written off.
(e) Deepening the existing well.

* This excludes pay of bungalow watchers.

Communications and Buildings during 1931-32—cont.

Description.	Name of division.	Second Circle—cont.			Fourth Circle.			Fifth Circle.			Sixth Circle.		
		Number.	Length.	Capital cost.	Number.	Length.	Capital cost.	Number.	Length.	Capital cost.	Number.	Length.	Capital cost.
Other works such as wells.	Anantapur ..	22	..	7,391	(d) + 16	..	(d) + 4,185 0	16	..	4,185 0	3	..	(c) 17 0
	Kurnool, East ..	13	..	9,052	..	..	..	22	..	7,391 0	2	..	28 0
	Do. South ..	10	..	9,095	(c) + 2	..	(c) + 1,600 0	13	..	9,052 0	2	..	193 0
	Do. West ..	83	..	2,746	..	..	..	12	..	10,695 0	..	..	..
	Cuddapah, North ..	15	..	5,139	..	..	..	83	..	2,745 0	1	..	121 0
	Do. South.							15	..	5,139 0	..	..	..
	Total ..	143	..	33,422	+ 18	..	+ 5,785 0	161	..	39,207 0	8	..	359 0
Roads including bridge-paths and culverts.	Chittoor ..	42	185 0	41,917	..	..	(a) 268 0	42	185 0	42,185 0	26	109 3½	3,315 0
	Vellore ..	35	174 0	1,11,096	..	2 0	(a) 703 0	36	176 0	1,11,799 0	21	127 0	4,049 0
	Salem, North ..	15	106 7	51,186	- 1	- 10 0	(b) - 5,220 0	14	96 7	46,418 0	10	72 1	3,323 0
	Do. Central ..	15	73 5	16,534	..	..	(a) + 452 0	15	73 5	16,575 6	4	25 6	343 6
	Do. South ..	34	151 5½	34,509	..	..	(a) 196 0	34	151 5½	34,705 0	24	57 1	1,562 6
	Total ..	141	691 1½	2,55,242	..	- 7 2	- 3,559 10	141	683 7½	2,51,682 6	85	391 3½	12,592 12
Residential and residential.	Chittoor ..	81	..	83,635	..	..	..	81	..	83,635 0	46	..	2,712 0
	Vellore ..	98	..	1,41,527	..	..	(d) + 1,671 0	97	..	1,43,058 0	53	..	(c) 985 0
	Salem, North ..	42	..	77,016	..	..	(e) - 140 0	42	..	76,169 0	36	..	(j) 244 0
					..	..	(d) + 132 0	42	..	76,169 0	36	..	(c) 2,225 0
					..	..	(f) - 1,321 0	42	..	76,169 0	36	..	(c) 2,225 0

Note for Second Circle.—

(a) Represents the differences between the closing balance and the opening balance, they are rectified in this column.

(b) Do.

(c) Do.

(d) The District Forest Officer, Anantapur, has furnished the total number of wells and cost during this year only; hence shown as new additions.

(e) Excludes Rs. 33 spent for repairing the incinerator in Horsley-konda Bangalore.

Note for Fourth Circle.—

(a) Represents cost of acquisition of land in Chittoor; improvements to existing roads in Vellore, Salem North, Salem South and cutting a trace in Salem, Central.

(b) Transfer of a road to the District Board for maintenance.

(c) Cost of establishment.

(d) Improvements to existing buildings in Vellore and cost of acquisition of land in North and South Salem divisions.

(e) Represents buildings written off in Vellore and Central Salem divisions.

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Buildings, non-re.	Salem, Central ..	93	..	82,477	+ 19	..	(g) + 935 0	92	..	83,462 0	26	..	(c) 2,589 0
	Do. South ..	54	..	53,223	..	..	(e) - 45 0	54	..	53,235 3	23	..	(c) 1,069 0
	Total ..	368	..	4,43,973	- 2	..	(d) 12 3	366	..	4,45,559 3	184	..	1,449 13
	Chittoor ..	37	..	11,577	+ 1	..	(f) + 195 0	37	..	11,577 0	..	..	(c) 927 1
	Vellore ..	62	..	5,743	..	..	..	63	..	5,938 0	5	..	..
Other works, such as wells, etc.	Salem, North ..	19	..	4,723	..	..	..	19	..	4,723 0	2	..	57
	Do. Central ..	27	..	2,551	..	..	..	27	..	2,551 0	5	..	16
	Do. South ..	10	..	2,853	..	..	..	10	..	2,853 0	3	..	64
	Total ..	155	..	27,447	+ 1	..	..	156	..	27,612 0	15	..	90
	Kollegal ..	15	112 5	33,390	- 1	- 17 0	(b) - 850 0	14	99 2	42,628	9	59 3	227
<i>Sixth Circle.</i>													
Roads including bridge-paths.	Coimbatore, North ..	14	112 4	82,240	..	..	(a) + 35 0	14	112 4	82,240	10	102 2	3,588
	Do. South ..	16	58 6	2,76,122	..	..	(a) + 1,01,683 0	16	51 2	3,77,945	11	41 7	8,400
	Madurai ..	45	297 0	1,35,617	1	..	(a) + 93 0	46	298 4	1,35,710	10	290 5	(c) 17,333
	Tinnevely ..	64	192-1	72,936	..	..	(a) + 56 0	81	242 4	80,308	13	70 1	+ 105
	Total ..	154	773-0	6,00,365	17	31 0	(a) + 7,256 0	171	804 0	7,18,826	53	564 2	9,541

Note for Second Circle.—

(a) Represents the differences between the closing balance and the opening balance, they are rectified in this column.

(b) Do.

(c) Do.

(d) The District Forest Officer, Anantapur, has furnished the total number of wells and cost during this year only; hence shown as new additions.

(e) Excludes Rs. 33 spent for repairing the incinerator in Horsley-konda Bangalore.

Note for Fourth Circle.—

(a) Represents cost of acquisition of land in Chittoor; improvements to existing roads in Vellore, Salem North, Salem South and cutting a trace in Salem, Central.

(b) Transfer of a road to the District Board for maintenance.

(c) Cost of establishment.

(d) Improvements to existing buildings in Vellore and cost of acquisition of land in North and South Salem divisions.

(e) Represents buildings written off in Vellore and Central Salem divisions.

Note for Fifth Circle.—

(a) Due to adoption of revised figures.

(b) Represents cost of construction of an Irish bridge built by the department on the Lokanbalhi-Ekhar road, handed back to the local fund department. Capital cost of the road (not known) is not included in the figures in column (b).

(c) Length of Ambampalayam Sethumalai road handed back to the Local Fund department. Capital cost of this road (not known) is not included in the figures in column (b).

(d) Cost of alignment of roads proposed for construction in the future. Includes Rs. 5 spent by the Mount Stuart Commercial concern.

(e) Includes Rs. 12,479 spent by the Mount Stuart Commercial concern.

Communications and Buildings during 1931-32—cont.

Description of work.	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.	Capital cost.
Fifth Circle—cont.													
Buildings, residential and non-residential.	Kollegal ..	65	..	Rs. 82,602	-1	..	-1,147 (j) +1,777 (f) +1,663 +2,529 (g) + 626 -2,718 (f) + 86 (h) +19,418 (k) -151 (h) +4,488	64	..	83,230	11	..	881
	Coimbatore, North.	76	..	78,164	+1	..	..	77	..	82,356	57	..	1,600 +25
	Do. South.	91	..	1,46,972	+1 -6	..	..	86	..	(i) 1,64,384	43	..	(g) 2,624
	Madura ..	111	..	1,49,920	-5	..	..	106	..	1,44,223	71	..	2,604
	Tinnevely ..	62	..	99,460	..	..	..	62	..	1,03,918	49	..	2,199
	Total	405	..	5,57,118	-10	..	+21,023	395	..	5,78,141	231	..	(k) 9,908 +25
Sixth Circle.													
Other works, such as wells, etc.	Kollegal ..	18	..	11,650	..	..	..	18	..	11,650	7	..	41
	Coimbatore, North.	19	..	4,420	..	..	..	19	..	4,420	5	..	33
	Do. South.	9	..	3,634	..	..	(a) +40	9	..	3,674	9	..	(i) 50
	Madura ..	35	..	7,511	..	..	..	35	..	7,511	22	..	124
	Tinnevely ..	14	..	1,770	..	..	..	14	..	1,770	3	..	21
	Total	95	..	28,985	..	..	+40	95	..	29,025	46	..	269
Roads including bridges, paths and culverts.	Mangalore, North.	36	74 6	15,449	..	..	..	36	74 6	15,449	8	48 1	555
	Do. South.	36	107 5	28,725	+3	3	2,583	39	111 0	31,308	18	76 5	622
	Wynaad ..	59	218 4	82,323	..	..	(a) 2,187	59	218 4	84,510	53	203 0	34,791
	Nilambur ..	22	38 0	21,080	..	..	1,875	22	..	22,955	16	22 6	1,382
	Do. ..	3	..	84,235	..	0 7	(b) 19,002	3	38 7	(g) 1,03,237	..	..	..
	Total	69	113 1	37,747	+1	2 2	3,424	70	115 3	41,171	69	113 1	3,289
	Palghat ..	51	256 1	1,57,843	+2	(c) 1 4	(d) 162	53	257 5	1,58,005	51	246 1	3,758
	Total ..	276	808 1	4,37,402	+6	8 0	29,233	282	816 1	4,66,635	215	709 6	44,377

Note for Fifth Circle—cont.

- (f) Cost of improvements to existing buildings.
 (g) Excludes Rs. 195 charged to 8. b. D-2—Buildings and Rs. 431 spent in 1930-31.
 (h) Due to revaluation.
 (i) Excludes Rs. 5,142 spent on new constructions in the Ulandi range—incomplete.
 (j) Value of Kothanur subordinate lines completed in 1931-32 but begun in 1930-31.
 (k) Excludes Rs. 1,389, pay of bungalow watchers.
 (l) Excludes Rs. 302 spent by the Mount Stuart commercial concern on repairs, Rs. 527 on Telephone Lineman's pay and Rs. 842 being charges on account of interest and depreciation.

Note for Sixth Circle—

- (a) Expenditure on construction of a bridge on Begur-Chambal road.
 (b) Expenditure incurred by Forest Engineer on roads and bridges in Nilambur division; under construction by the Forest Engineer.
 (c) Excludes 10 miles of extraction roads and bridge-paths taken into account in the last year's return.

Buildings, residential and non-residential.	Mangalore, North.	77	..	(i) 80,632	..	..	(c) +11	77	..	80,643	77	..	814
	Do. South.	50	..	76,771	..	..	+918	49	..	76,853	45	..	1,071
	Wynaad ..	119	..	1,36,283	..	..	(d) +231	120	..	1,39,518	106	..	2,524
	Nilambur ..	52	..	1,21,985	..	..	(e) -966	51	..	1,23,357	40	..	2,624
	The Nilgiris	96	..	1,47,047	..	..	(f) 2,043	91	..	1,46,628	54	..	2,207
Other works, such as wells, etc.	Palghat ..	(i) 59	..	(j) 1,43,742	..	..	(g) -671	61	..	1,54,047	58	..	3,743
	Do. (Chenat Nair)	10	..	30,827	..	..	(h) -419	..	..	(m) +474	..	..	..
	Total ..	463	..	7,37,287	-4	..	(i) +60	459	..	(n) +9,771	361	..	12,983
	Mangalore, North.	31	..	9,889	+1	..	(j) +9,771	32	..	11,231	3	..	11
	Do. South.	16	..	5,490	..	..	(k) +278	16	..	6,528	10	..	92
Total		47	..	15,379	+1	..	(l) +1,064	48	..	17,759	13	..	211
Other works, such as wells, etc.	Wynaad ..	22	..	8,483	+1	..	(m) +316	23	..	8,799	17	..	59
	Nilambur ..	8	..	3,458	..	..	..	8	..	3,458	..	..	100
	The Nilgiris	1	..	3,919	..	..	..	1	..	3,919	1	..	71
	Palghat ..	11	..	4,580	+2	..	(n) +708	13	..	4,798	8	..	..
	Do. (Chenat Nair)	3	..	9,739	..	..	(o) -500	3	..	(g) 9,739	..	..	..
Total		92	..	45,668	+4	..	+2,904	96	..	48,472	39	..	544

(d) Excludes a sum of Rs. 2,286 (representing value of the roads transferred from the Forest Engineering division) taken into account in the last year's return.

(e) Expenditure on District Forest Officer's quarters.
 (f) Adhar Range office building transferred to the Revenue Department.
 (g) Combined Forester's quarters at Boothakkal, dismantled.
 (h) Represents expenditure on new works amounting to Rs. 1,938; and Rs. 81 being value of timber used for Forester's quarters at Beypore.

(i) Correct figure adopted.

(j) Serambi at Edacode dismantled.

(k) Written off.

(l) Correct figure adopted after excluding the cost of the Forest Engineering division buildings originally included in 1930-31 as the adjustment of the cost was made in 1931-32.

(m) Represents cost of improvements to existing buildings inclusive of land acquisition charges for Melathur depot site amounting to Rs. 380.

(n) Cost of Engineering division buildings transferred to the division adjusted in 1931-32.

(o) Cost of installation of a windmill in the District Forest Officer's quarters at Kadri hill.

(p) Belong to the commercial concern.

Description of work.	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.	Capital cost.
Roads including culverts.	39	..	5,454	..	..	..	39	..	5,454	30	..	270
Buildings, residential and non-residential.	2	..	559	..	..	..	2	..	559	..	..	..
Other works such as wells.	995	3,971	17,21,759	30	40	1,47,682	1,025	4,014	18,69,441	463	2,075	1,14,719
Grand Total.	2,081	..	26,14,846	32	..	43,806	2,047	..	26,67,970	1,222	..	58,888
Presidency.	579	..	1,66,692	26	..	9,465	605	..	1,76,157	153	..	1,809

ANNUAL FORM NO. 30.

Forest Department, Madras Presidency.

Return of Breaches of Forests Rules during 1931-32.

ANNUAL FORM No. 30.

Forest Department, Madras.

Return of Breaches of Forest Rules during 1931-32.

District.	Cases pending from 1830-31.	New cases of the year.				Total 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.		Convictions.		Acquittals.			Cases.	Persons.	
							Cases.	Persons.	Cases.	Persons.				
Ganjam .. { A .. B .. C ..	9	1	123	4	1	129	138	49	225	76	200	126	425	13
	24	2	393	54	8	427	481	354	1,185	65	212	419	1,397	62
	..	59	41	..	..	100	..	..	..	..	..	..	..	..
	Total ..	33	62	557	58	9	686	619	403	1,410	141	412	544	1,822	75
Vizaga- patam. { A .. B .. C ..	10	..	94	3	2	99	109	30	85	75	178	105	283	4
	61	1	131	13	3	148	209	158	490	6	26	164	516	45
	..	..	2	..	..	2	..	..	..	..	..	..	..	..
	Total ..	71	1	227	16	5	249	318	188	575	81	204	269	779	49
Upper Godavari. { A .. B .. C ..	3	..	4	..	..	4	7	6	8	..	..	6	8	1
	1	38	86	23	3	113	114	79	197	1	1	80	198	34
	..	..	4	3	1	46	..	..	..	..	..	..	..	..
	Total ..	4	39	94	26	4	163	121	85	205	1	1	86	206	35
Lower Godavari. { A .. B .. C ..	53	..	60	16	3	79	132	119	275	1	1	120	276	12
	69	..	307	71	4	382	451	279	392	29	35	308	427	143
	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	122	..	367	87	7	461	583	398	667	30	36	428	703	155

FIRST CIRCLE.

Reserves.

Guntur .. { A .. B .. C ..	326	..	129	10	433	759	222	551	362	1,035	584	1,586	175
	62	..	155	10	469	531	402	899	2	7	404	906	127
	..	10	..	1	11	..	..	..	..	..	..	..	..
Total ..	388	608	284	21	913	1,290	624	1,450	364	1,042	988	2,492	302
Nellore .. { A .. B .. C ..	37	142	72	1	215	252	40	120	191	393	231	513	21
	4	120	69	3	192	196	144	295	13	81	157	376	39
	..	1	..	..	1	..	..	..	..	..	..	..	..
Total ..	41	263	141	4	408	448	184	415	204	474	388	889	60
Total, First Circle by Forest Officers. { A .. B .. C ..	438	717	224	17	959	1,397	466	1,264	705	1,807	1,171	3,071	226
	221	1,341	385	31	1,761	1,382	1,416	3,458	116	362	1,532	3,620	450
	..	58	3	2	160	..	..	..	..	..	..	..	..
Total ..	659	2,116	612	50	2,880	3,379	1,882	4,722	821	2,169	2,703	6,891	676

Unreserves.

Ganjam .. { A .. B .. C ..	..	..	..	..	..	..	..	..	..	..	..	..	..
	3	..	..	..	..	..	..	..	..	..	..	..	..
	..	19	..	..	..	..	..	..	..	..	..	..	..
Total ..	3	19	..	..	..	..	..	..	..	..	..	..	..
Vizaga- patam. { A .. B .. C ..	..	21	1	1	23	23	10	10	12	12	22	22	1
	..	169	20	60	249	259	242	781	9	27	251	808	8
	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	10	190	21	61	272	282	252	791	21	39	273	830	9
Upper Godavari. { A .. B .. C ..	10	1	..	..	1	11	10	24	..	..	10	24	1
	2	83	..	..	85	87	47	72	..	..	47	72	40
	..	7	..	..	7	..	..	..	..	..	..	..	..
Total ..	12	91	..	2	93	98	67	96	..	..	57	96	41
Lower Godavari. { A .. B .. C ..	2	101	4	1	108	110	61	162	44	207	105	369	5
	16	250	5	3	258	274	215	374	17	39	232	413	42
	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	18	351	9	4	366	384	276	536	61	246	337	782	47

A = Cases taken to Court.

B = Cases compounded.

C = Cases undetected.

Return of Breaches of Forest Rules during 1931-32—cont.

District.	Cases pending from 1930-31.		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.	Cases.	Persons.	Convictions.	Aquittals.	Total.	Cases.	Persons.

FIRST CIRCLE—cont.

Unreserveds—cont.														
Guntur ..	{ A .. B .. C ..	62	30	2	3	35	97	11	16	47	90	58	106	39
		122	250	10	38	298	420	309	661	9	11	318	672	102
		..	35	..	8	43	..	..	..	..	..	..	..	..
		Total ..	184	315	12	49	376	517	320	677	56	101	376	778	141
Nellore ..	{ A .. B .. C ..	2	44	..	1	45	47	19	32	5	8	24	40	23
		67	239	..	..	239	306	183	317	52	77	235	394	71
		..	15	..	..	15	..	..	..	..	..	..	..	..
		Total ..	69	298	..	1	299	353	202	349	57	85	259	434	94
Total ..	{ A .. B .. C ..	76	197	7	6	212	288	111	244	108	317	219	561	69
		220	1,010	35	103	1,148	1,368	1,018	2,236	87	154	1,105	2,390	263
		..	57	..	8	65	..	..	..	..	..	..	..	..
		Total ..	296	1,264	42	117	1,425	1,666	1,129	2,480	195	471	1,324	2,951	332
Circle total.	{ A .. B .. C ..	614	914	231	23	1,171	1,685	677	1,508	813	2,124	1,390	3,632	295
		441	2,351	420	134	2,909	3,360	2,434	5,694	203	616	2,637	6,210	713
		..	115	3	10	225	..	..	..	..	..	..	..	..
		Grand Total ..	955	3,380	654	167	4,305	5,035	3,011	7,202	1,016	2,640	4,027	9,842	1,008

ANNUAL REPORT OF THE

FOREST DEPARTMENT

SECOND CIRCLE.

Reserves under the control of the Forest Department.

Anantapur.	{ A	73	128	89	13	236	303	119	374	154	444	273	818	30
	{ B	63	191	144	32	367	433	344	764	31	59	375	823	58
	{ C	..	23	..	..	134	..	..	..	..	..	..	..	..
Total		139	342	233	45	731	736	463	1,138	185	503	648	1,641	88
Kurnool, East.	{ A	11	45	43	3	91	102	19	40	72	204	91	244	11
	{ B	31	89	109	4	202	233	186	405	25	121	211	526	22
	{ C	..	12	1	..	34	..	..	..	..	..	..	..	..
Total		42	146	153	7	327	335	205	445	97	325	302	770	33
Kurnool, South.	{ A	36	105	27	21	163	189	114	227	70	229	184	456	5
	{ B	35	154	67	33	255	290	229	573	..	..	229	573	61
	{ C	..	33	7	1	65	..	..	..	..	..	..	..	..
Total		71	292	101	55	473	479	343	800	70	229	413	1,029	66
Kurnool, West.	{ A	77	114	52	5	171	248	69	179	175	541	244	720	4
	{ B	35	225	124	10	359	394	309	903	25	82	334	985	60
	{ C	..	40	..	..	100	..	..	..	..	..	..	..	..
Total		112	379	176	15	630	642	378	1,082	200	623	578	1,705	64
Cuddapah, North.	{ A	66	221	111	6	338	404	184	502	182	499	366	1,001	38
	{ B	10	222	62	5	289	299	183	392	29	88	212	480	87
	{ C	..	32	..	..	32	..	..	..	..	..	..	..	..
Total		76	475	173	11	659	703	367	894	211	587	578	1,481	125
Cuddapah, South.	{ A	24	119	63	14	196	220	59	234	136	341	195	575	25
	{ B	27	202	100	28	330	357	258	541	32	81	290	622	67
	{ C	..	16	..	..	16	..	..	..	..	..	..	..	..
Total		51	337	163	42	542	577	317	775	168	422	485	1,197	92
Total, Reserves.	{ A	287	732	385	62	1,179	1,466	564	1,556	789	2,258	1,853	3,814	113
	{ B	204	1,083	606	112	1,802	2,006	1,509	3,578	142	431	1,551	4,009	355
	{ C	..	156	8	1	381	..	..	..	..	..	..	..	..
Grand Total A, B and C Reserves.		491	1,971	999	175	3,362	3,472	2,073	5,134	931	2,689	3,004	7,823	468

A Cases taken to Court.

B = Cases compounded.

C = Cases undetected.

Return of Breaches of Forest Rules during 1931-32—cont.

District.	Cases pending from 1930-31.	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.	Cases.	Persons	Convictions.	Acquittals.	Total.	Cases.	Persons

SECOND CIRCLE—cont.
Unreserved.

Anantapur.	$\begin{Bmatrix} A \\ B \\ C \end{Bmatrix}$	10 90 ..	1 5 ..	149 309 19	5 26 ..	155 340 19	165 430 ..	53 345 ..	86 665 ..	102 11 ..	131 11 ..	155 366 ..	217 576 ..	10 74 ..
Total ..		100	6	477	31	614	695	398	651	113	142	511	793	84
Kurnool, East.	$\begin{Bmatrix} A \\ B \\ C \end{Bmatrix}$	.. 12 ..	.. .. ..	10 66 3	.. .. ..	10 66 3	10 78 ..	5 35 ..	23 44 ..	4 43 ..	6 61 ..	9 78 ..	29 105 ..	1
Total ..		12	..	79	..	79	88	40	67	47	67	87	134	1
Kurnool, South.	$\begin{Bmatrix} A \\ B \\ C \end{Bmatrix}$	1 8 ..	.. .. ..	19 34 ..	.. 2 ..	19 36 ..	20 44 ..	6 37 ..	8 61 ..	12	20	18 37 ..	28 61 ..	2 7 ..
Total ..		9	..	53	2	55	64	43	69	12	20	55	89	9
Kurnool, West.	$\begin{Bmatrix} A \\ B \\ C \end{Bmatrix}$	.. 9 ..	.. .. ..	30 75 4	8 6 ..	10 1 ..	48 82 4	23 48 ..	56 83 ..	21 43 ..	23 50 ..	44 91 ..	79 133 ..	4
Total ..		9	..	109	14	134	139	71	139	64	73	155	212	4

Cuddapah, North.	$\begin{Bmatrix} A \\ B \\ C \end{Bmatrix}$	.. .. ..	.. .. ..	39 .. ..	.. .. ..	39	39	39	48 .. ..	.. .. ..	.. .. ..	39	48 .. ..	.. .. ..
Total ..		..	..	39	..	39	39	39	48	..	..	39	48	..
Cuddapah, South.	$\begin{Bmatrix} A \\ B \\ C \end{Bmatrix}$	.. .. ..	.. .. ..	64 .. ..	.. .. ..	64	64	62	66 .. ..	.. .. ..	.. .. ..	62	66	2
Total ..		..	..	64	..	64	64	62	66	..	..	62	66	2
Total, Unreserved.	$\begin{Bmatrix} A \\ B \\ C \end{Bmatrix}$	11 119 ..	1 5 ..	208 587 26	8 6 ..	232 627 26	243 746 ..	87 566 ..	173 867 ..	139 97 ..	180 122 ..	226 663 ..	353 989 ..	17 83 ..
Grand Total, Unreserved A, B & C.		130	6	821	14	885	989	653	1,040	236	302	889	1,342	100
Grand Total, Reserves and Unreserved.	$\begin{Bmatrix} A \\ B \\ C \end{Bmatrix}$	298 323 ..	1 6 ..	940 1,670 ..	393 612 ..	1,411 2,429 ..	1,709 2,752 ..	651 2,075 ..	1,729 4,445 ..	928 239 ..	2,438 553 ..	1,579 2,314 ..	4,167 4,998 ..	130 438 ..
Grand Total of Reserves and Unreserved A, B & C.		621	223	2,792	1,013	4,247	4,461	2,726	6,174	1,167	2,991	3,893	9,165	668

FOURTH CIRCLE.

Reserves.

Chittoor ..	$\begin{Bmatrix} A \\ B \\ C \end{Bmatrix}$	65 27 ..	.. .. ..	149 152 4	120 130 ..	15 17 ..	284 299 62	319 326 ..	106 241 ..	271 464 ..	*184 25 ..	406 112 ..	290 266 ..	677 576 ..	59 40 ..
Total ..		92	58	305	250	32	645	675	347	735	209	518	556	1,253	119
Yellore ..	$\begin{Bmatrix} A \\ B \\ C \end{Bmatrix}$	105 241 ..	.. .. ..	552 497 29	227 171 ..	12 8 ..	791 676 29	896 917 ..	253 745 ..	587 1,404 ..	457 17 ..	1,030 30 ..	710 752 ..	1,617 1,434 ..	186 155 ..
Total ..		346	..	1,078	398	20	1,496	1,813	998	1,991	474	1,060	1,472	3,051	341

A = Cases taken to Court.

B = Cases compounded.

C = Cases undetected.

Note.—The difference between the II Circle closing balance of 1930-31 and the opening balance of 1931-32 are due to the transfer of cases from one head to another.

* This includes 179 cases in which compounding fees were collected by Magistrates and acquitted.

Return of Breaches of Forest Rules during 1931-32—cont.

District.	Cases pending from 1930-31.	New cases of the year.				Disposed of during the year.				Cases pending at close of year.
		Injury to forest by fire.	Unauthorized felling 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.	Total.	
							Cases.	Persons.	Cases.	Persons.

FOURTH CIRCLE—cont.

Reserves—cont.

Salem, North.	{ A } (a) { B } C	18 23 ..	89 248 ..	51 134 ..	12 6 73	153 388 73	45 348 ..	97 572 ..	217 97 ..	162 383 ..	314 669 ..	9 28 ..
Total ..		41	337	185	18	614	393	669	314	645	983	37
Salem, Central.	{ A } (a) { B } C	513 59 ..	906 390 19	94 123 ..	11 13 ..	1,011 536 62	254 427 ..	516 747 ..	1,694 40 ..	1,281 416 ..	2,210 787 ..	243 139 ..
Total ..		572	1,315	217	24	1,599	681	1,263	1,734	1,727	2,997	332
Salem, South.	{ A } (a) { B } C	66 38 ..	246 259 12	32 57 ..	10 33 ..	289 350 88	51 266 ..	167 540 ..	527 113 ..	305 237 ..	694 653 ..	50 91 ..
Total ..		104	517	89	43	727	317	707	640	602	1,347	141
Total ..	{ A } { B } C	767 388 250	1,942 1,546 64	624 616 ..	60 77 ..	2,528 2,239 314	709 2,027 ..	1,638 3,727 ..	3,874 392 ..	2,748 2,154 ..	5,512 4,119 ..	547 473 ..
Grand Total ..		1,155	3,552	1,139	137	5,081	2,736	5,365	4,266	4,902	9,631	1,020

Unreserves.

Chittoor ..	{ A } { B } C	.. .. ..	129	3	1	135	135	138 .. ..	.. .. ..	135	138 .. ..	.. .. ..
Total ..		..	129	3	1	135	135	138	..	135	138	..
Vellore ..	{ A } { B } C	8 763 ..	317 657 ..	12 29 ..	4 25 ..	334 712 ..	67 1,215 ..	116 2,057 ..	511	342 1,215 ..	627 7,067 ..	260
Total ..		771	974	41	29	1,046	1,817	2,173	511	1,557	2,684	260
Salem, North.	{ A } { B } C	1 15 ..	21 205 ..	.. .. ..	.. 20 ..	21 225 ..	22 240 ..	4 351 ..	29 1 ..	22 220 ..	33 352 ..	20
Total ..		16	226	..	20	246	262	355	21	242	385	20
Salem, Central.	{ A } (a) { B } C	19 317 ..	95 560 ..	.. .. ..	.. 53 ..	95 613 ..	105 930 ..	39 790 ..	49 81 ..	84 611 ..	94 891 ..	21 319 ..
Total ..		327	655	..	53	708	1,035	829	130	695	985	340
Salem, South.	{ A } (b) { B } C	9 124 ..	71 482 1	.. .. ..	.. 8 ..	71 490 1	80 614 ..	15 566 ..	67	75 454 ..	104 566 ..	5 160 ..
Total ..		133	554	..	8	562	694	581	67	529	670	165
Total ..	{ A } { B } C	28 1,219 ..	504 2,033 1	12 32 ..	4 107 ..	521 2,175 1	549 3,394 ..	174 3,902 ..	411 82 ..	523 2,635 ..	858 4,004 ..	26 759 ..
Grand Total ..		1,247	2,538	44	111	2,697	3,943	4,076	493	3,158	4,862	785

Note for Fourth Circle—

A = Cases taken to Court.

B = Cases compounded.

C = Cases undetected.

(a) The difference in the opening balance under (A and B) is due to actuals as furnished in Taluk returns.

(b) The difference in the opening balance under (A and B) is due to transfer of cases from B to A.

* Compounding fees were collected in Court in 116 cases and 2 cases were acquitted for want of evidence.

† Represents 18 cases where compounding fees were paid in Court and 2 cases acquitted for want of evidence.

Return of Breaches of Forest Rules during 1931-32—cont.

District.	New cases of the year.				Disposed of during the year.				Cases pending at close of year.					
	Total new cases of the year.				Total.									
	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.	Cases.	Persons.	Acquittals.	Cases.		Persons.				
Kollegal.	A	32	91	51	13	157	189	62	192	120	364	182	568	7
	B	10	168	98	16	282	292	206	465	69	220	275	685	17
	C	..	14	..	..	169	..	..	..	..	..	..	..	..
	Total	42	273	149	29	608	481	268	657	189	584	457	1,241	24
Coimbatore, North.	A	60	218	58	11	288	348	51	117	179	378	230	495	118
	B	36	236	93	17	346	382	276	629	26	66	302	685	80
	C	..	7	..	4	11	..	..	..	..	..	..	..	..
	Total	96	461	151	32	645	730	327	746	205	434	532	1,180	198
Coimbatore, South.	A	23	78	17	32	127	150	23	91	70	181	93	272	57
	B	16	47	33	28	108	124	116	237	8	29	124	266	..
	C	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total	39	125	50	60	235	274	139	328	78	210	217	538	57
Madura.	A	427	844	84	8	937	1,364	457	1,316	602	1,494	1,059	2,810	305
	B	14	461	91	15	572	586	374	780	29	98	403	878	183
	C	..	..	..	..	91	..	..	..	..	..	..	..	..
	Total	441	1,305	175	23	1,600	1,950	831	2,096	631	1,592	1,462	3,688	488

FIFTH CIRCLE.

Reserves.

Kollegal.	Cases pending from 1930-31.	32	91	51	13	157	189	62	192	120	364	182	558	7
	A	..	..	..	..	..	..	..	..	..	..	..	..	..
	B	..	..	..	..	..	..	..	..	..	..	..	..	..
Coimbatore, North.	Cases pending from 1930-31.	42	273	149	29	608	481	268	657	189	584	457	1,241	24
	A	..	..	..	..	..	..	..	..	..	..	..	..	..
	B	..	..	..	..	..	..	..	..	..	..	..	..	..
Coimbatore, South.	Cases pending from 1930-31.	23	78	17	32	127	150	23	91	70	181	93	272	57
	A	..	..	..	..	..	..	..	..	..	..	..	..	..
	B	..	..	..	..	..	..	..	..	..	..	..	..	..
Madura.	Cases pending from 1930-31.	427	844	84	8	937	1,364	457	1,316	602	1,494	1,059	2,810	305
	A	..	..	..	..	..	..	..	..	..	..	..	..	..
	B	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.	Cases pending from 1930-31.	441	1,305	175	23	1,600	1,950	831	2,096	631	1,592	1,462	3,688	488
	A	..	..	..	..	..	..	..	..	..	..	..	..	..
	B	..	..	..	..	..	..	..	..	..	..	..	..	..

FOREST DEPARTMENT

Kollegal.	Cases pending from 1930-31.	8	12	..	1	13	21	3	18	18	21	21	..	..
	A	..	..	..	..	..	..	..	..	..	..	..	..	..
	B	..	..	..	..	..	..	..	..	..	..	..	..	..
Coimbatore, North.	Cases pending from 1930-31.	13	56	..	3	61	74	49	73	19	20	68	93	6
	A	..	..	..	..	..	..	..	..	..	..	..	..	..
	B	..	..	..	..	..	..	..	..	..	..	..	..	..
Coimbatore, South.	Cases pending from 1930-31.	15	33	..	10	43	43	24	32	19	28	43	60	12
	A	..	..	..	..	..	..	..	..	..	..	..	..	..
	B	..	..	..	..	..	..	..	..	..	..	..	..	..
Madura.	Cases pending from 1930-31.	11	21	..	5	26	37	37	7	..	..	37	7	..
	A	..	..	..	..	..	..	..	..	..	..	..	..	..
	B	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.	Cases pending from 1930-31.	242	577	14	49	641	844	395	568	242	365	637	933	207
	A	..	..	..	..	..	..	..	..	..	..	..	..	..
	B	..	..	..	..	..	..	..	..	..	..	..	..	..

A = Cases taken to Court.

B = Cases compounded and withdrawn.

C = Cases undetected.

* Number of persons not furnished by the Revenue Divisional Officers.

NOTE.—The difference between the closing balance of 1930-31 and the opening balance of 1931-32 is due to transfer of cases from one head to another.

Return of Breaches of Forest Rules during 1931-32—cont.

District.	Cases pending from 1930-31.	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.	Convictions.		Acquittals.		Total.	
							Cases.	Persons.	Cases.	Persons.		
FIFTH CIRCLE—cont.												
Unreserved—cont.												
innervelly { A .. 5	77	1	9	87	92	16	28	70	86	86	114	6
B .. 53	289	9	44	343	396	..	..	350	461	350	461	46
C	4	..	..	4	..	..	..	..	..	..	..	..
Total .. 58	370	10	53	434	488	16	28	420	647	436	575	52
Circle { A .. 106	315	7	49	371	477	114	190	335	482	449	672	28
B .. 233	770	17	80	871	1,104	490	663	365	478	855	1,141	249
C .. 1	38	..	4	43	..	..	..	..	..	..	..	..
Total, Unreserved... 339	1,123	24	133	1,285	1,581	604	853	700	960	1,304	1,813	277
" Reserves ... 721	2,650	703	156	3,774	4,222	1,716	4,198	1,831	3,820	3,347	8,018	875
Grand Total .. 1,060	3,783	727	289	5,059	5,803	2,320	5,051	2,331	4,780	4,651	9,831	1,152

A = Cases taken to Court.

B = Cases compounded and withdrawn.

C = Cases undetected.

NOTE.—The difference between the closing balance of 1930-31 and the opening balance of 1931-32 is due to transfer of cases from one head to another.

SIXTH CIRCLE.

Reserved Forest.

Mangalore, North.	{ A .. (e) 16 B .. (e) 55 C Total .. 71	1	12	2	1	16	32	21	35	(g) 2	9	24	47	8
		185	26	12	223	278	211	408	(f) 1	3	223	447	55	
		71	..	..	71	71	..	..	(d) 12	39	..	..	..	
		197	28	13	310	381	232	443	15	51	247	494	63	

FOREST DEPARTMENT

Mangalore, { A .. (e) 16	3	30	10	13	56	72	29	67	3	27	32	94	40
South. { B .. (e) 50	6	151	46	26	229	279	177	343	(g) 53	110	230	453	49
C .. 130	..	..	..	..	130	130	..	..	..	..	..	..	..
Total .. 66	139	181	56	39	415	481	206	410	56	137	262	547	89
Wynaad. { A .. 2	..	1	1	2	4	6	3	4	..	..	3	4	3
B .. 9	1	5	10	2	18	27	18	25	..	..	18	25	9
C	..	..	..	..	..	..	..	..	..	..	..	..	..
Total .. 11	1	6	11	4	22	33	21	29	..	..	21	29	12
Nilambur. { A	..	1	11	..	12	12	9	12	(f) 1	6	11	19	1
B .. 1	3	34	34	7	45	45	28	93	1	1	31	110	14
C	..	..	..	..	..	..	..	..	..	..	..	..	..
Total .. 1	4	46	7	7	57	57	37	105	5	24	42	129	15
The Nilgiris. { A .. 8	1	3	8	3	15	23	15	40	4	9	19	49	4
B .. 144	1	150	178	321	654	798	537	1,462	20	67	557	1,529	241
C	..	..	..	..	..	..	..	..	..	..	..	..	..
Total .. 152	6	153	186	324	669	821	552	1,502	24	76	576	1,578	245
Palghat. { A .. 9	1	14	2	1	18	27	21	74	(g) 1	8	22	82	5
B .. 29	1	168	41	11	221	250	217	394	(d) 5	6	222	400	28
C .. 13	..	..	..	..	13	13	..	..	..	..	..	..	..
Total .. 38	15	182	43	12	252	290	238	468	6	14	244	482	33
Total, Sixth Circle. { A .. 51	6	61	34	20	121	172	98	232	13	63	111	295	61
B .. 287	14	662	335	379	1,390	1,677	1,188	2,725	93	239	1,281	2,964	395
C .. 214	..	..	..	..	214	214	..	..	..	..	..	..	..
Total .. 338	234	723	369	399	1,725	2,063	1,286	2,957	106	302	1,392	3,259	457

A = Cases taken to Court.

B = Cases compounded.

C = Cases undetected.

(d) Cases withdrawn.

(e) Differences between the closing balance of 1930-31 and the opening balance of 1931-32 are due to the transfer of cases from one head to another.

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

(g) Acquired by Magistrate for want of evidence.

Return of Breaches of Forest Rules during 1931-32—cont.

District.	New cases of the year.				Disposed of during the year.				Total.	Cases pending at close of year.			
	Total new cases of the year.			Total cases.	Convictions.		Acquittals.				Cases.		
	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.	Cases.	Persons.	Cases.				Persons.	
SIXTH CIRCLE—cont.													
Unreserves.													
Mangalore, North.	{ A .. (e) 15 B .. (e) 52 C	68	..	9	77	92	25	30	(g) 6 (f) 44 (d) 6	9	75	92	17
		131	..	23	154	206	152	201	..	6	158	207	48
Total	67	199	..	32	231	298	177	231	56	68	233	299	65
Mangalore, South.	{ A .. (e) 23 B .. (e) 29 C	8	..	2	12	35	19	22	10	16	29	38	6
		75	..	2	250	279	106	120	..	..	106	120	173
		..	..	..	..	..	..	..	..	..	..	..	..
Total	52	83	..	4	262	314	125	142	10	16	135	158	179
Wynad.	{ A B C	1	..	..	1	1	8	8	1	1	1	1	..
		8	..	..	8	8	..	..	..	..	8	8	..
Total	..	9	..	..	9	9	8	8	1	1	9	9	..
Palghat.	{ A B C	1	..	..	1	1	1	1	..	..	1	1	..
		43	..	..	43	69	62	62	..	..	62	62	7
Total	26	44	..	..	44	70	63	63	..	..	63	63	7

Total, Unreserves, Sixth circle.	{ A .. 38 B .. 107 C	2	78	..	11	91	129	45	53	61	79	106	132	23	..
		173	257	..	25	456	562	328	391	6	6	334	397	228	..
Total	145	175	335	..	36	546	691	373	444	67	85	440	529	251	..
Total, Reserves and Unreserves.	{ A .. 89 B .. 394 C	8	139	34	31	212	301	143	285	74	142	217	427	84	..
		187	919	335	404	1,845	2,239	1,616	3,116	99	245	1,615	3,361	624	..
		214	..	..	..	214	214	..	..	..	..	..	..	..	..
Total	483	409	1,058	369	435	2,271	2,754	1,659	3,401	173	387	1,832	3,788	708	..

A = Cases taken to Court.

B = Cases compounded.

C = Cases undetected.

(d) Cases withdrawn.

(e) Differences between the closing balance of 1930-31 and the opening balance of 1931-32 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.

PARLAKIMEDI MALIAHS.
Notified blocks under section 26 of the Act.

Cases taken to Court.	A	18	..	12	..	..	12	30	18	34	(b) 16	35	34	69	2
Cases compounded.	B	11	..	86	5	..	91	102	66	134	(a) 9	20	75	154	11
Undetected.	..	..	23	..	..	..	53	..	..	..	..	..	..	..	..
Total	29	23	98	5	..	126	132	84	168	25	55	109	223	34	..
<i>Unreserves.</i>															
Cases taken to Court.	A	13	..	9	..	..	9	22	12	28	(b) 10	23	22	51	13
Cases compounded.	B	8	..	77	4	..	81	89	51	73	(a) 8	27	59	100	6
Undetected.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	21	..	86	4	..	90	111	63	101	18	50	81	151	19	..
Grand Total	50	23	184	9	..	216	243	147	269	43	105	190	374	53	..

(a) These cases were withdrawn by the Special Forest Officer.

(b) Of these, 24 cases were acquitted on payment of compounding fees in Court and 2 on merits.

Return of Breaches of Forest Rules during 1931-32—cont.

District.	New cases of the year.						Disposed of during the year.						Cases pending at close of year.						
	Injury to forest by fire.			Unauthorized felling of wood and minor forest produce.			Grazing without permission or in tracts prohibited.			Other offences.									
	Total new cases of the year.			Total cases.			Conviction.			Acquittals.				Total.					
	Cases.			Persons.			Cases.			Persons.				Cases.			Persons.		
	Total.			Total.			Total.			Total.				Total.			Total.		
Total, Reserves.	A	2,124	13	4,933	1,449	228	6,623	8,747	2,581	6,777	4,680	10,737	7,261	77,514	1,486				
	B	1,240	25	5,789	2,361	682	8,857	10,087	7,112	15,599	975	2,509	8,087	18,108	2,010				
	C	..	1,023	300	12	7	1,342	214	..	..	..	..	..	..	..				
	Total	3,364	1,061	11,022	3,822	917	16,822	19,058	9,693	22,376	5,655	13,246	15,348	35,622	3,496				
Total, Unreserves.	A	290	6	1,323	34	85	1,448	1,738	499	896	1,080	1,800	1,579	2,696	199				
	B	1,917	185	4,820	99	344	5,448	7,365	5,072	8,266	654	909	5,726	9,175	1,599				
	C	..	24	122	..	12	166	..	..	..	..	..	..	..	..				
	Total	2,207	215	6,265	193	441	7,054	9,103	5,571	9,162	1,731	2,709	7,305	11,871	1,798				
Total, Presidency.	A	2,414	19	6,256	1,483	313	8,071	10,485	9,080	7,673	5,760	12,537	8,840	20,210	1,685				
	B	3,157	210	10,609	2,460	1,026	14,305	17,462	12,184	23,865	1,629	3,418	13,813	27,283	3,609				
	C	..	1,047	422	12	19	1,500	214	..	..	..	..	..	..	..				
	Total	5,571	1,276	17,287	3,955	1,358	23,876	28,161	15,264	31,538	7,389	15,955	22,553	47,493	5,294				

ANNUAL FORM No. 31.

Forest Department, Madras Presidency.

Area of Forest Tracts protected from fire during the calendar year 1931.

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.	
First Circle.		ACS.	ACS.	ACS.	ACS.	RS.
Ganjam ..	{ Special protection ..	51,530	56,335	293	56,042	2,915
	{ General do. ..	172,819	214,941	3,060	211,881	2,837
	Total ..	224,349	271,276	3,353	267,923	5,752
Vizagapatam.	{ Special protection ..	72,770	78,921	83	78,838	161
	{ General do. ..	16,478	17,738	25	17,713	65
	Total ..	89,248	96,659	108	96,551	226
Godavari, Upper.	{ Special protection ..	367,174	530,076	136,525	393,551	4,746
	{ General do. ..	1,140	1,140	4	1,136	..
	Total ..	368,314	531,216	136,529	394,687	4,746
Godavari, Lower.	{ Special protection ..	110,825	116,854	14,400	102,454	1,132
	{ General do. ..	108,248	109,564	1,073	108,491	372
	Total ..	219,073	226,418	15,473	210,945	1,504
Guntur ..	{ Special protection ..	329,847	332,736	1,818	330,918	..
	{ General do. ..	329,847	332,736	1,818	330,918	..
	Total ..	329,847	332,736	1,818	330,918	..
Nellore ..	{ Special protection ..	110,788	115,029	5,387	109,642	242
	{ General do. ..	122,899	123,129	157	122,972	..
	Total ..	233,687	238,158	5,544	232,614	242
Total, First Circle.	{ Special protection ..	713,087	897,215	156,688	740,527	9,196
	{ General do. ..	751,431	799,248	6,137	793,111	3,274
	Grand Total ..	1,464,518	1,696,463	162,825	1,533,638	12,470
Second Circle.						
Anantapur.	{ Special protection ..	15,936	46,572	11,817	34,755	42
	{ Early burning ..	23,392	25,410	6,848	18,562	157
	{ General protection ..	324,215	297,158	34,973	262,185	..
	Total ..	363,543	369,140	53,638	315,502	199
Kurnool, East.	{ Early burning ..	87,088	87,320	5,994	81,326	534
	{ General protection ..	517,254	517,254	6,711	510,543	250
	Total ..	604,342	604,574	12,705	591,869	784

Area of Forest Tracts protected from fire during the calendar year 1931—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.	
<i>Second Circle—cont.</i>						
Karnool, South.	Special protection	ACS.	ACS.	ACS.	ACS.	RS. A.
	Early burning	171,063	166,265	16	165,982	468 0
	General protection	257,559	259,262	780	258,482	..
	Total	428,622	425,543	1,079	424,464	468 0
Karnool, West.	Special protection	3,388	3,888	..	3,888	36 0
	Early burning	7,180	4,532	135	4,397	1,202 0
	General protection	536,428	538,366	23,734	514,632	255 0
	Total	546,996	546,786	23,869	522,917	1,493 0
Cuddapah, North.	Early burning	27,623	34,363	798	33,565	203 0
	General protection	391,044	450,868	171,248	279,620	27 0
	Total	418,667	485,231	172,046	313,185	230 0
Cuddapah, South.	Special protection	34,591	..	2,822	74,912	341 0
	Early burning	60,994	77,734	32,234	319,213	416 0
	General protection	309,721	351,447	..	..	..
	Total	405,306	429,181	35,056	394,125	757 0
Total, Second Circle.	Special protection	53,915	50,476	11,833	38,643	78 0
	Early burning	377,340	395,624	16,880	378,744	2,905 0
	General protection	2,336,221	2,414,355	269,680	2,144,675	948 0
	Grand Total	2,767,476	2,860,455	298,393	2,562,062	3,931 0
<i>Fourth Circle.</i>						
Chittoor ..	Special protection *	35,933	38,423	918	37,505	511 6
	General do.	328,987	331,277	6,692	324,585	..
	Total	364,920	369,700	7,610	362,090	511 6
Vellore ..	Special protection	190,348	192,605	14,991	177,614	2,408 4
	General do.	250,815	253,645	4,417	249,228	..
	Total	441,163	446,250	19,408	426,842	2,408 4
Salem, North.	Special protection	62,795	66,448	3,426	63,022	688 0
	General do.	272,335	296,623	23,746	272,887	..
	Total	335,130	363,081	27,172	335,909	688 0
Salem, Central.	Special protection	246,979	249,159	5,101	244,058	1,381 0
	General do.	206,501	206,432	1,853	204,579	..
	Total	453,480	455,591	6,954	448,637	1,381 0

NOTE.—In this circle there is no early burning except in Chittoor where *fire protection consists of early burning in a modified form.

Area of Forest Tracts protected from fire during the calendar year 1931—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.	
Fourth Circle—cont.						
		ACS.	ACS.	ACS.	ACS.	RS. A.
Salem, South.	{ Special protection ..	123,643	124,355	1,889	122,466	447 10
	{ General do. ..	39,087	39,752	1,684	38,068	..
	Total ..	162,730	164,107	3,573	160,534	447 10
Total, Fourth Circle.	{ Special protection ..	659,698	670,990	26,325	644,665	5,436 4
	{ General do. ..	1,097,725	1,127,739	38,392	1,089,347	..
	Grand Total ..	1,757,423	1,798,729	64,717	1,734,012	5,436 4
Fifth Circle.						
Kollegal ..	{ Special protection ..	17,984	2,630	..	2,630	107 0
	{ Early burning ..	..	..	..	..	..
	{ General protection ..	543,744	600,459	54,171	546,288	605 0
Total ..	561,728	603,089	54,171	548,918	712 0	
North Coimbatore.	{ Special protection ..	863	1,088	148	940	173 0
	{ Early burning ..	25,640	22,720	..	22,720	315 0
	{ General protection ..	486,252	508,590	17,947	490,643	1,370 0
Total ..	512,755	532,398	18,095	514,303	1,858 0	
South Coimbatore.	{ Special protection ..	4,672	5,006	74	4,932	1,388 0
	{ Early burning ..	90	90	..	90	..
	{ General protection ..	240,731	241,689	4,968	236,721	..
Total ..	245,493	246,785	5,042	241,743	1,388 0	
Madura ..	{ Special protection ..	84,805	89,495	4,121	85,374	2,454 0
	{ Early burning ..	128,402	129,222	1,122	128,100	813 0
	{ General protection ..	192,370	194,787	1,303	193,484	..
Total ..	405,577	413,504	6,546	406,958	3,267 0	
Tinnevely.	{ Special protection ..	130,070	135,537	9,362	126,175	471 0
	{ Early burning ..	..	..	..	..	..
	{ General protection ..	106,091	107,400	2,734	104,666	..
Total ..	236,161	242,937	12,096	230,841	471 0	
Circle, Total.	{ Special protection ..	238,394	233,756	13,705	220,051	4,593 0
	{ Early burning ..	154,132	152,032	1,122	150,910	1,128 0
	{ General protection ..	1,569,188	1,652,975	81,123	1,571,802	1,975 0
Grand Total ..	1,961,714	2,038,713	95,950	1,942,763	7,696 0	
Sixth Circle.						
Mangalore, North.	{ Early burning ..	3,455	2,823	..	2,823	44 0
	{ Special protection ..	66,625	68,765	1,705	67,060	1,589 0
	{ General do. ..	156,764	158,308	667	157,641	391 0
Total ..	226,844	229,896	2,372	227,524	2,024 0	

Area of Forest Tracts protected from fire during the calendar year 1931—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.	RS.	A. P.
		ACS.	ACS.	ACS.	ACS.		
<i>Sixth Circle—cont.</i>							
Mangalore, South.	Special protection.*	283,331-00	286,246-00	3,618-00	282,628-00	1,496	0 0
Wynaad.	Early burning ..	47,935-00	47,935-00	..	47,935-00	69	0 0
	Special protection.	104,305-00	112,646-00	886-00	111,760-00	1,586	0 0
	General protection.	7,060-00	7,530-00	23-00	7,507-00	..	..
	Total ..	159,300-00	168,111-00	909-00	167,202-00	1,655	0 0
Nilambur ..	Special protection.*	80,259-00	80,289-00	5-00	80,284-00	3,602	0 0
The Nilgiris.	Special protection.*	77,476-00	87,574-00	638-00	86,936-00	2,514	0 0
	General do.	222,807-00	222,156-00	1,472-00	220,684-00	..	..
	Total ..	300,283-00	309,730-00	2,110-00	307,620-00	2,514	0 0
Palghat ..	Special protection.*	114,094-00	116,772-00	2,591-00	114,181-00	2,644	0 0
	General do.	44,432-00	47,380-00	47-00	47,333-00	..	..
	Total ..	158,526-00	164,152-00	2,638-00	161,514-00	2,644	0 0
Total, Sixth Circle.	Early burning ..	51,390-00	50,758-00	..	50,758-00	113	0 0
	Special protection.	726,090-00	752,292-00	9,443-00	742,849-00	13,431	0 0
	General do.	431,063-00	435,374-00	2,209-00	433,165-00	391	0 0
	Total ..	1,208,543-00	1,238,424-00	11,652-00	1,226,772-00	13,935	0 0
Parlakimedi Maliahs.	General protection.	107,548-11	112,879-11	1,437-00	111,442-11	402	12 6
Total, Presidency.	Special protection.	2,391,184-00	2,604,729-00	217,994-00	2,386,735-00	32,734	0 0
	Early burning ..	582,862-00	598,414-00	18,002-00	570,412-00	4,146	0 0
	General protection.	6,293,176-00	6,542,570-00	398,978-00	6,143,542-00	6,991	0 0
	Grand Total, Presidency ..	9,267,222-00	9,745,713-00	634,974-00	9,100,689-00	43,871	0 0

* No early burning.

ANNUAL FORM No. 32.

Forest Department, Madras Presidency.

Area closed and open to grazing during 1931-32.

Districts.	Closed to all animals.		Open to grazing			
			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.	
<i>FIRST CIRCLE.</i>						
<i>Reserved Forests.</i>						
Ganjam ..	42	..	583	..	..	..
Vizagapatam ..	9	..	206	..	59	..
Godavari, Upper ..	58	..	772	..	..	..
Do. Lower ..	96	..	345	..	..	..
Guntur ..	63	..	219	..	330	..
Nellore ..	157	185	30	..	..	..
Total ..	425	185	2,205	..	389	..
<i>Reserved Lands.</i>						
Vizagapatam ..	..	..	2	..	..	..
Godavari, Upper ..	..	..	54	..	..	..
Do. Lower ..	..	..	100	..	..	..
Total ..	..	..	156	..	..	..
Grand Total ..	425	185	2,361	..	389	..
<i>SECOND CIRCLE.</i>						
Anantapur ..	40	2	535	2	..	..
Kurnool, East ..	3	..	942	..	..	..
Do. South ..	34	..	631	..	..	..
Do. West ..	24	..	830	..	..	..
Cuddapah, North ..	34	..	724	..	..	..
Do. South ..	80	..	591	..	..	..
Total ..	215	2	4,253	2	..	..
<i>FOURTH CIRCLE.</i>						
<i>Reserved Forests.</i>						
Chittoor ..	122	..	456	..	..	..
Vellore ..	39	..	666	..	..	..
Salem, North ..	30	..	537	..	..	..
Do. Central ..	27	..	686	..	..	..
Do. South ..	5	..	251	..	..	..
Total ..	223	..	2,596	..	..	..

Area closed and open to grazing during 1931-32—cont.

Districts.	Closed to all animals.		Open to grazing			
			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.
FOURTH CIRCLE—cont.						
<i>Reserved Lands.</i>						
Chittoor	..	..	..	..	..	..
Vellore	..	..	..	..	..	..
Salem, North ..	..	..	..	..	..	..
Do. Central ..	..	..	6	..	..	..
Do. South ..	..	..	30	..	..	..
Total ..	..	..	36	..	..	..
FIFTH CIRCLE.						
Kollegal	3	..	939	..	..	..
Coimbatore, North ..	24	..	808	..	..	..
Do. South ..	241	..	145	..	..	..
Madura	142	..	310	..	195	..
Tinnevely	245	..	153	..	..	9
Total ..	655	..	2,355	..	195	9
SIXTH CIRCLE.						
<i>Reserved Forests.</i>						
Mangalore, North ..	26	..	333	..	..	..
Do. South ..	11	..	428	..	..	..
Wynaad	2	..	260	..	..	..
Nilambur	108	..	..	..	..	..
The Nilgiris	23	(a) 3	458	(a) 3	..	..
Palghat	147	..	96	..	10	..
Total ..	317	3	1,575	3	10	..
<i>Reserved Lands.</i>						
Mangalore, South ..	..	..	8	..	..	..
Nilambur	18	..	..	..	..	..
The Nilgiris	..	..	6	..	..	..
Total ..	18	..	14	..	..	..
Grand Total ..	335	3	1,589	3	10	..
Parlakimedi Maliahs * ..	3	..	173	..	..	..
Grand Total, Presidency, Reserved Forests.	1,835	190	12,984	9	694	9
Reserved Lands ..	21	..	379	..	..	..
Total ..	1,856	190	13,363	9	694	9

(a) This area was open for grazing from 1st April 1931 to 30th June 1931 and was closed to grazing from 1st July 1931 for one year.

* 2,148 acres comprising 1,440 acres of sal blocks and 708 acres subjected to cultural and other department operations were closed to all animals.

ANNUAL FORM No. 33.

Forest Department, Madras Presidency.

Return of Grazing in the State Forests during 1931-32.

Districts.	Grazing on payment—Number of animals.						Fees received.	rs.	Other animals.	Fees received.
	At enhanced or special rates.			At full rate						
	Bufaloes.	Cows and bullocks.	Goats and sheep.	Other animals	Bufaloes.	Cows and bullocks.					Goats and sheep.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
FIRST CIRCLE.										
Reserved Forests.										
Ganjam ..	..	..	..	..	..	(a) 5,223	(a) 33,480	(a) 330	..	8,268
Vizagapatnam ..	(b) 182	(b) 2,803	..	..	1,584	(a) 22	(a) 2,996	..	..	570
Godavari, Upper.	..	..	..	..	..	..	..	..	..	..
Do. Lower.	(c) 7,114	(c) 4,459	(c) 89	..	7,024	(a) 332	(a) 6,718	(a) 592	..	1,440
Guntur ..	(g) 70	(g) 1,266	..	..	1,406	(b) 5,509	(b) 40,474	(b) 52,535	..	1,338
Nellore ..	..	..	..	..	..	(c) 674	(c) 3,763	(c) 4,145	..	(b) 38,880
	..	..	..	..	..	132	{ (k) 1,201	379	..	(c) 1,317
	..	..	..	..	..	..	{ (k) 36,869	..	..	(h) 690
Total ..	7,366	8,528	89	..	10,014	11,892	125,591	57,981	..	844
				..					..	(f) 21,614
				..					..	75,030
Unreserved Lands.										
Rampa ..	6,711	6,040	..	..	7,298	..	..	70	..	7
Grand Total ..	14,077	14,568	89	..	17,312	11,892	125,591	58,051	..	75,037

Return of Grazing in the State Forests during 1931-32—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.					Total value of fees at full rates.				
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Actual.	Value at full rates.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Value at full rates.	Goats and bullocks.	Goats and sheep.	Other animals.	Value at full rates.
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
First Circle															
—cont.															
Unreserved Lands															
—cont.															
Ganjam ..	..	..	..	..	..	..	(a) 483	(a) 2,370	..	..	625	402	4,377	554	..
Viragapatam ..	..	..	..	..	..	..	..	..	..	..	..	(a) 577	(a) 5,621	(a) 10	..
Godavari, Upper.	(e) 7,177	(e) 47,956	(e) 10,182	..	8,425	12,638	..	..	..	..	..	4,936	46,512	33	..
Do. Lower.	(d) 473	(d) 13,455	..	..	(d) 870	2,700	..	..	..	..	..	716	10,847	..	..
Guntur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nellore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	7,650	61,411	10,182	..	9,295	15,338	483	2,370	..	..	625	6,631	67,357	697	..
Rampa ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grand Total ..	7,650	61,411	10,182	..	9,295	15,338	483	2,370	..	..	625	6,631	67,357	697	..

Notes for First 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) Kanoha fees realized.
 (g) One rupee per plough bull.

(2) Sale-proceeds of grass.

(g) Excludes Rs. 76 being outstandings of previous year.

(k) Kanoha revenue converted into number of cow units as per instructions in Chief Conservator's Proceeding No. 335, dated 5th December 1924.

Abstract of animals permitted to graze on payment.

Buffaloes.	33,619	
Cows and bullocks.	201,670	
Sheep.	68,172	
Total.	303,361	

Return of Grazing in the State Forests during 1931-32—cont.

District.	Grazing on payment—Number of animals.					Grazing on payment—Number of animals.					At full rates.				
	At enhanced or special rates.					At full rates.					At full rates.				
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	Buffaloes.	Cows and bullocks.	Goats and 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)	(12)	(13)	(14)	(15)	(16)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Second Circle.															
Anantapur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kurnool, East.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. West.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cuddapah, North.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cuddapah, South.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	18,297	157,146	200,924	8	1,49,209	..	..	..	..	..

Return of Grazing in the State Forests during 1931-32—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.													
	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.									
	(12)	(13)	(14)	(15)	Actual.	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Anantapur ..	..	..	..	..	..	..	..	(b) 356 (b)	894 (b)	1,991	..	2,602	..	..	..	..	..	23,561	23,561
Kurnool, East.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	33,827	33,827
Do. South.	..	..	..	..	..	..	..	(b) 25 (b)	34 (b)	19	..	94	(a) 3 (b) 17	(a) 43 (b) 107	..	{ 24 141 }	24	17,521	17,521
Do. West.	..	..	..	..	..	..	..	(a) 255 (a)	875 (a)	1,198	..	928	..	..	..	..	..	33,248	33,248
Cuddapah, North.	..	..	{ (b) 410 (c) 335 }	..	..	93	251	..	..	..	..	..	..	..	..	..	..	29,969	29,969
Cuddapah, South.	..	..	{ (d) 93 (e) 335 }	..	..	..	..	..	(k) 526	..	..	197	..	..	..	..	..	15,320	15,320
Total ..	..	503	335	..	93	251	636	2,329	3,208	..	3,821	20	150	..	..	165	3,986	1,53,446	1,53,446

Note for Second 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.
 (c) Cows at Re. 1.

II. 3 Kurnool divisions—

- (a) Buffaloes at 12 annas; cows at 8 annas; sheep at 4 annas.
 (b) Buffaloes at Rs. 2; cows at Re. 1; sheep at 8 annas.
 (c) (Calves) Buffaloes at 6 annas; cows at 4 annas; lamb at 2 annas.
 (d) Penta horse at Re. 1.
 (e) Penta ass at Re. 1.

III. 2 Cuddapah divisions—

- (*f*) Buffaloes at 12 annas; cows at 6 annas; sheep at 3 annas.
 (*g*) Cows at Re. 1 (foreign). — (*g*) Sheep at $\frac{1}{2}$ anna.
 (*h*) Cows at 3 annas. — (*k*) Cows at 6 annas.
 (*i*) Cows at 1 anna.
- Abstract of animals permitted to graze on payment.

Abstracts of animals permitted to graze on payment.		Number.
Buffaloes	..	18,297
Cows and bullocks	..	157,146
Sheep	..	200,924
Total		376,375

Return of Grazing in the State Forests during 1931-32—*cont.*

District.	At enhanced or special rates.					At full rates.				
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	Buffaloes.	Cows and bullocks.	Sheep.	Other animals.	Fees received.
FOURTH CIRCLE.					rs.					rs.
Chittoor ..	..	..	..	..	..	(a) 108	13,701	6,020	..	8,464
Vellore ..	..	(c) 3,257	..	..	3,257	(b) 530	33,287	5,675	..	13,989
Salem, North ..	..	..	..	..	..	(a) 486	51,227	17,040	..	30,360
						(c) 1,504	55,841	756	..	29,237
								(b) 2,286	..	429
Do. Central ..	..	(c) 12,317	..	..	12,317	(g) 73	31,125	3,563	..	18,592
						(a) 42	30,723	1,168	..	16,696
						(b) 158	..	14,070	..	2,767
Do South ..	..	..	..	..	..	(g) 5	17,144	20,784	..	15,495
							(b) 7,041	1,585	..	2,938
Total ..	..	15,604	..	..	15,604	2,966	240,089	72,917	..	1,37,957

Return of Grazing in the State Forests during 1931-32—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.					Value of fees at full rates.					(28)	(29)
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received. Actual.	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)	Rs.
FOURTH CIRCLE—cont.																	
Chittoor ..	6	186	41	..	82	109	..	..	..	..	..	..	..	..	..	..	22,463
Vellore ..	{(b) 4,150	29,256	6,028	12	7,609	20,291	..	..	..	..	..	..	..	..	..	..	54,017
Salem, North ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	(f) 29,666
Do. Central ..	..	12,617	..	..	(h) 1,577	7,097	..	..	..	..	..	..	..	..	..	..	56,489
Do. South ..	..	..	..	..	..	..	..	(g) 248	..	..	139	..	..	..	..	..	18,572
Total ..	4,156	42,059	6,069	12	9,268	27,497	..	248	..	..	139	..	..	..	..	..	1,81,197

Note for Fourth Circle—

One buffalo = 2 cows = 4 sheep.

(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) Excludes Rs. 2 realized by sale of fodder grass.

(g) Nine annas a cow unit.

(h) Grazing assessment for 12,617 cow units at two annas per cow unit in Atur and Harur ranges.

Abstract of animals licensed to graze on payment—

Buffaloes.	Cows or bullocks.	Sheep.	Other animals.	Total.
7,122	297,752	79,016	12	383,902

Return of Grazing in the State Forests during 1931-32—cont.

District.	Grazing on payment—Number of animals.					At privileged rates.					Fees received.					Grand total of value at full rates.	
	At full rates.					At privileged rates.					Fees received.					(28)	(29)
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received. Actual.	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.		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	Rs.	Rs.
FIFTH CIRCLE.																	
Kollegal ..	3,786	78,984	5,778	..	(e) 44,722	..	..	..	..	..	..	..	..	..	..	..	..
Coimbatore, North ..	2,968	55,488	10,679	..	(e) 33,382	..	..	(d) 9	..	..	1	2	0	..	..	..	4 8 0
Coimbatore, South ..	(a) 235	(b) 7,861	280	..	4,279	..	..	..	..	..	..	..	..	..	..	..	..
Madura ..	156	28,020	6,049	..	(f) 21,276	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevely ..	295	10,378	7,205	..	7,286	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	7,440	180,731	29,992	..	1,10,945	..	9	..	..	..	1	2	0	..	..	..	4 8 0

Note for Fifth Circle—

(a) Includes 4 buffaloes at Rs. 2-8-0 each in Ponnachi Range instead of Re. 1.

(b) Includes 19 bulls or cows at Rs. 2-8-0 each in Ponnachi Range instead of As. 8.

(c) Permission granted for free grazing of 30 bulls and cows within the Yelamayan coil enclosure (South Coimbatore district).

(d) One-fourth fee for renewal of lost permit, i.e., As. 2 a permit.

(e) Excludes Rs. 1,101 realized by sale of fodder grass and Rs. 175 erroneously credited to this head in August 1931.

(f) Excludes Rs. 38 erroneously credited to this head. An alteration memorandum has been sent to Accountant-General by District Forest Officer to alter credit.

Return of Grazing in the State Forests during 1931-32—cont.

District.	Grazing on payment—Number of animals—cont.					Grazing free—Number of animals.					Grand total of value at full rates.									
	At privileged rates—cont.					By right under settlement.					During pleasure of Government or otherwise than under settlement.					Total value of fees at full rates.				
	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)				
	Goats and sheep.	Other animals.	Actual.	Value 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.	Total value of fees at full rates.	Grand total of value at full rates.				
SIXTH CIRCLE																				
—cont.																				
Reserved Forests																				
—cont.																				
Mangalore, North	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5,372				
Mangalore, South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9,938				
Wynnad	..	..	..	..	..	..	..	..	..	7	110	..	..	..	62	3,820				
Nilambur	..	..	..	..	..	..	..	..	..	261	245	..	..	..	144	5,879				
The Nilgiris.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
Palghat ..	..	..	..	..	..	..	..	..	..	..	83	..	..	..	42	3,120				
Total ..	..	..	..	..	..	..	..	..	..	268	438	..	..	..	248	28,129				
Reserved Lands.																				
The Nilgiris ..	..	..	..	..	..	..	..	..	..	1,567	..	..	..	..	588	588				

Return of Grazing in the State Forests during 1931-32—cont.

District.	Grazing on payment—Number of animals.										At full rates.				At privileged rates.		
	At enhanced or special rates.					At full rates.					At full rates.				At privileged rates.		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	Buttaloos.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	Buttaloos.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	Buttaloos.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	Buttaloos.	Cows and bullocks.
Parlakimedi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Malahs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Departmental Forests—Reserves ..	7,367	46,765	33,089	..	28,580	53,510	753,607	365,540	169	4,98,060	0	0	11,806	103,982	..	..	..
Unreserves ..	6,711	6,040	..	..	7,298	2,398	2,369	221	..	1,365	0	0	..	..	..	..	..
Grand Total ..	14,078	52,805	33,089	..	35,878	55,908	755,976	365,761	169	4,99,425	0	0	11,806	103,982	..	..	..
Total, Panchayat Forests ..	871	111,298	5,874	..	13,045	20,788	268,780	444,698	..	2,65,605	0	0	4,245	14,984	..	..	..
Grand Total, Presidency.	14,949	164,103	38,963	..	48,923	76,696	1,014,756	810,459	169	7,55,030	0	0	16,051	118,966	..	..	..

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Return of Grazing in the State Forests during 1931-32—cont.

Grazing on payment—Number of animals—cont.

Grazing free—Number of animals.

District.	At privileged rates—cont.			Fees received.			By right under settlement.						During pleasure of Government or otherwise than under settlement.						Total value of fees at full rates. (28)	Grand total of value at full rates. (29)
	Goats and sheep. (14)	Other animals. (15)	Actual. (16)	Value at full rates. (17)	Rs.	Rs.	Buffaloes. (18)	Cows and bullocks. (19)	Goats and sheep. (20)	Other animals. (21)	Value of fees at full rates. (22)	Rs.	Buffaloes. (23)	Cows and bullocks. (24)	Goats and sheep. (25)	Other animals. (26)	Value of fees at full rates. (27)	Rs.		
Parlakimedi Maliahs.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1,357 9 6 or 1,358 0 0
Total, Departmental Forests—Reserves ..	16,586	12	18,656	43,091	1,774	9,883	3,586	144	6,234	6,919	67,945	697	..	15,345	20,039	6,90,222	0 0	..	..	..
Unreserves ..	..	..	..	..	..	..	..	..	..	1,567	..	..	..	..	588	9,251	0 0	..	..	..
Grand Total ..	16,586	12	18,656	43,091	1,774	9,883	3,586	144	6,234	8,486	67,945	697	..	15,345	20,627	5,99,473	0 0	..	..	..
Total, Panchayat Forests.	33,906	..	16,845	14,133	10	824	466	..	606	115	477	..	..	133	..	..	2,85,626	0 0	..	..
Grand Total, Presidency.	50,492	12	35,501	57,224	1,784	10,707	4,052	144	6,840	8,601	68,422	697	..	15,478	20,627	8,85,099	0 0	..	..	..

Genuine inhabitants of the Agency except professional graziers are permitted to graze cattle free of charge and without licence on permit.

* Buffaloes at 6 0 per head.

Cows at 3 0 "

Sheep at 1 6 "

Note.—Grazing on payment at enhanced or special rates is nil.

FOREST DEPARTMENT

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

Circle.	Buffaloes.	Bullocks and cows.	Sheep.	Other animals.	Total.
First Circle ..	33,619	201,570	68,172	..	303,361
Second " ..	18,297	157,146	200,924	8	376,375
Fourth " ..	7,122	297,752	79,016	12	383,902
Fifth " ..	7,440	180,731	29,992	..	218,163
Sixth " ..	12,916	72,683	33,696	161	122,456
Parlakimedi Maliahs.	2,398	2,369	151	..	4,918
Total, Departmental Forests ..	81,792	912,251	414,951	181	1,409,176
Panchayat Forests ..	25,904	385,068	484,478	..	895,450
Grand Total ..	107,696	1,297,319	899,429	181	2,304,626

ANNUAL

Forest Department,

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during period.	Method of treatment.	Area on which regeneration was in progress at commencement of year (1st April 1931).
(1)	(2)	(3)	(4)	(5)	(6)
FIRST CIRCLE.		Yrs.	ACS.		ACS.
Ganjam	Plains Sal Timber Working Circle.	1930-31 to 1939-40	1,859	Clear felling and regeneration.	..
	Ravine Working Circle.	1930-31 to 1939-40	803	Do.	..
Vizagapatam ..	Sal Working Circle.	1927-28 to 1961-62	681	Do.	13
Godavari Lower ..	Casuarina Plantation, Kandikuppa Reserved Forest.	1924-25 to 1933-34	682	Planting up with seedlings, 7'x7'.	54
Nellore	Casuarina Working Circle, Sriharikota Range.	1929-30 to 1938-39	500	Do.	..
Total ..			4,525		67

SECOND CIRCLE.

Kurnool West Division under the new Nallamalais Working Plan—Pending sanction.

1. Gundlabrahmeswaram Range.	High Forest Working Circle, Gundlabrahmeswaram series.	10 years.	10	Clear felling and artificial Regeneration.	15-00
2. Do.	....	..	..	Maintenance of nursery of teak.	..
3. Nandyal Range ..	High Forest Working Circle, Ramanapenta series.	10 years.	10	Clear felling and artificial regeneration.	15-00
4. Do. ..	....	..	..	Maintenance of nursery of teak.	..
5. Gundlabrahmeswaram Range.	Pole Working Circle, Pole coupes of Sudem Pangidi and Rudra-code series.	10 years.	..	Clearing bamboo regrowth heaping and burning, re-burning sowing and stacking of seedlings.	200-00
Total ..			20		230-00

FORM No. 34-A.

Madras Presidency.

Plans or Schemes during the year 1931-32.

Area on which regeneration commenced during the year (1st April 1931 to 31st March 1932).	Area on which regeneration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during the year.		Expenditure from commencement of period.		Revenue during the year.	Total revenue from date of creation.
	Previous.	During year (1st April 1931 to 31st March 1932).	Total to 31st March 1932.		Creation.	Upkeep.	Creation.	Upkeep.		
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.
51	201	51	252	..	224	1,167	988	2,436	..	..
50	115	50	165	..	520	457	1,018	779	..	..
..	97	13	110	..	46	60	78	228	..	..
120	409	100	509	74	1,268	974	11,601	2,541	440	3,800
60	102	60	162	..	1,255	496	3,329	989	..	..
281	924	274	1,198	74	3,313	3,154	17,014	6,973	440	3,800
..	..	..	..	..	..	..	..	..	..	..
10-00	..	..	..	25-00	..	301	..	503	..	..
..	..	..	..	..	96	..	96	..	..	..
10-00	..	..	..	25-00	..	267	..	458	..	..
..	..	..	..	..	90	..	90	..	..	..
153-00	..	..	..	353-00	..	40	..	408	..	..
173-00	..	..	..	403-00	186	608	186	1,369	..	..

NOTE.—Period and area shown in columns (3) and (4) of 1930-31 return in respect of Ganjam were wrong, as these are for the old Working Plan, whereas the figures now furnished are for the new Working Plan which came into force from 1930-31.

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 in progress at commencement of year (1st April 1931).
(1)	(2)	(3)	(4)	(5)	(6)
FOURTH CIRCLE.		YRS.	ACS.		ACS.
Chittoor.					
	Sandal Regeneration Working Circle.	1st April 1931 to 31st March 1932.	100	Sandal seeds to be dibbled by subordinates.	306
	Timber Regeneration Working Circle — Compartment IV of Mamandur Range.	Do.	1,391	Early burning, cutting back seedlings, cutting creepers and sowing seeds of red sanders.	652.1
	Total ..	..	1,491	..	958.1
Vellore.					
	Virinjipuram Working Circle.	1888-89 to 1931-32.	Blanks in felled coupes.	Dibbling of seeds of timber species.	..
	Chenur Working Circle.	Do.	Do.	Do.	..
	Kilminnal Working Circle.	Do.	Do.	Do.	..
	Tiruvallam Working Circle.	Do.	Do.	Do.	..
	Total ..	..	..	..	..
Central Salem.					
	Kurumbapatti palmyra tope.	16 years from 1926-27.	379	Sowing palmyra seeds.	....
	Jalluthu Working Circle.	1927-28.	114	1. Felling of fuel coupes under simple coppice. 2. Sowing of seeds of indigenous species in blank areas.	..

Plans or Schemes during the year 1931-32—cont.

Area on which regeneration commenced during the year (1st April 1931 to 31st March 1932).	Area on which regeneration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during year.		Expenditure from commencement of period.		Revenue during the year.	Total revenue from date of creation.
(7)	Previous.	During the year (1st April 1931 to 31st March 1932).	Total to 31st March 1932.	(11)	Creation.	Upkeep.	Creation.	Upkeep.	(16)	(17)
ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.
100	..	..	..	406	..	..	..	..	..	..
50	..	..	..	702.1	1,017	..	2,024	..	..	..
150	..	..	..	1,108.1	1,017	..	2,024	..	..	..
..	283	..	283	..	..	(a) 450 (b) 3 (c) 24 (d) 6	9,552	58,169	944	47,706
..	142	..	142	..	..	(a) 428	4,623	5,338	304	7,977
..	104	..	104	..	..	(a) 244 (b) 3 (c) 9 (d) 2	3,157	27,655	1,440	36,393
..	111	..	111	..	..	(a) 710 (b) 3 (c) 8 (d) 8	7,319	62,796	600	37,777
..	640	..	640	..	..	1,898	24,651	1,53,958	3,288	1,29,853
32	107	32	139	..	64	..	506	..	322	1,364
..	114	..	114	..	..	..	..	..	..	..

(a) Pay of establishment.
(c) Collection of Divi Divi pods.

(b) Marking trees for felling.
(d) Collection of Kodukapuli seeds.

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 in progress at commencement of year (1st April 1931).
(1)	(2)	(3)	(4)	(5)	(6)
FOURTH CIRCLE—cont.		YRS.	ACS.		ACS.
Central Salem—cont.					
	Chitteri Timber Working Circle.	1931-32	..	Sowing of teak, Pterocarpus marsupium, rosewood.*	..
	Kottapatti Timber Working Circle.	1931-32	..	Sowings of Terminalia arjuna, mangifera indica, along streams and Hardwickia latifolia or Chloroxylon swietenia in coupes just felled.†	3
	Fuel Circle—				
	Atur .. 64				
	Harur .. 16				
	Shevaroy's North .. 13	1931-32	..	Sowing seeds of principal fuel species in burnt patches.	108
	Shevaroy's South .. 9				
	Cauvery .. 6				
	Total .. 108				
	Sandalwood Working Circle—				
	Shevaroy's North .. 3	1931-32	..	Sowing sandal seeds in 10 acres of each coupe.†	55
	Atur .. 15				
	Harur .. 21				
	Shevaroy's South .. 11				
	Cauvery .. 5				
	Total .. 55				
	Total ..	..	493		166
	Grand Total ..	..	1,984		1,124.1

* As per revised consolidated working plan for the division.

† As per revised consolidated working plan for the division. Sowings were done freely by the subordinates.

Plans or Schemes during the year 1931-32—cont.

Area on which regeneration commenced during the year (1st April 1931 to 31st March 1932).	Area in which regeneration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during year.		Expenditure from commencement of period.		Revenue during the year.	Total revenue from date of creation.
(7)	Previous.	During the year (1st April 1931 to 31st March 1932).	Total to 31st March 1932.	(11)	Creation.	Upkeep.	Creation.	Upkeep.	(16)	(17)
ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.
..	..	..	..	..	..	..	..	..	..	..
..	..	3	3	..	..	..	..	..	..	..
..	..	108	108	..	..	..	..	..	..	..
..	..	55	55	..	..	..	..	..	..	† ..
32	221	198	419	..	64	..	506	..	322	1,364
182	861	198	1,059	1,108.1	1,081	1,898	27,181	1,53,858	3,610	1,31,217

Note for Central Salem—Fourth Circle.—Items relating to Sanniasimalai and Shevaroy's Central Working Circles shown in last year's return have now been shown in Form 34 B, as they are not covered by the new working plan for the division.

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 in progress at commencement of year (1st April 1931).
(1)	(2)	(3)	(4)	(5)	(6)
FIFTH CIRCLE.					
SOUTH COIMBATORE.					
		YRS.	ACS.		ACS.
Regeneration area..		1919 ..	..	Clearing, burning and dibbling teak and other seeds.	..
		1920 ..	..		..
		1921 ..	..		..
		1922 ..	..		..
		1923 ..	..		..
		1924 ..	..		..
		1925 ..	..		..
		1926 ..	..		..
		1927 ..	..		..
		1928 ..	..		..
		1929 ..	..		..
		1930 ..	..		..
		1931 ..	..		..
		1932 ..	92		103
Waterfall Planta- tion.		..	..	..	..
Experimental Plan- tation at Mount Stuart.		1916 ..	..	..	..
Experimental Plan- tation at Karian Shola.		..	..	..	..
Experimental Plan- tation at Topslip.		..	..	..	..
Planting Eucalyp- tus seedlings from nursery pits round Topslip.		..	..	..	..
Undersowing Arto- carpus Hirsuta.		..	..	..	..
Formation of Hopea nurseries.		..	..	..	..
Formation of gap regeneration area.		1931 ..	..	..	..
Do.		1932 ..	..	..	..
Formation of nur- series.		..	..	..	..
Formation of nur- series for provid- ing plants in 1933.		..	..	..	..

NOTE.—Total expenditure on regeneration Rs. 10,612
Deduct amount to be adjusted to Mount Stuart com-
mercial concern after final audit — 1,231
Total .. (a) 9,381

Plans or Schemes during the year 1931-32—cont.

Area on which regeneration com- menced during the year (1st April 1931 to 31st March 1932).	Area on which regene- ration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during the year.		Expenditure from commence- ment of period.		Revenue during the year.	Total revenue from date of crea- tion.
	Previous.	During the year (1st April 1931 to 31st March 1932).	Total to 31st March 1932.		Creation.	Upkeep.	Creation.	Upkeep.		
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.		
..	29	..	29	..	..	..	643	826	..	..
..	8	..	8	..	..	..	584	576	..	..
..	29	..	29	..	..	..	545	1,267	..	..
..	126	..	126	..	..	..	3,358	4,303	..	..
..	194	..	194	..	..	..	5,055	5,729	..	..
..	225	..	225	..	..	..	6,459	4,883	..	..
..	260	..	260	..	..	..	9,986	6,531	..	..
..	251	..	251	..	..	..	15,251	1,798	..	..
..	155	..	155	..	..	129	5,405	5,360	..	..
..	144	..	144	..	..	129	4,124	4,179	..	..
..	151	..	151	..	..	126	4,133	4,158	..	..
..	224	..	224	..	* 606	2,829	5,818	8,022	..	..
..	..	103	103	..	885	2,217	4,134	2,217	..	..
92	..	..	..	92	2,025	..	2,025	..	..	..
..	12	..	12	..	..	..	..	..	..	..
..	5	..	5	..	..	..	..	78	..	..
..	1	..	1	..	..	..	..	93	..	..
..	10	..	10	..	..	..	31	..	..	..
..	..	..	..	..	..	..	57	..	..	..
..	..	..	..	..	..	..	22	..	..	..
..	..	..	..	..	..	..	45	..	..	..
..	..	..	..	..	381	..	743	..	..	..
..	..	..	..	..	51	..	51	..	..	..
..	..	..	..	..	1,024	..	1,153	..	..	..
..	..	..	..	..	210	..	210	..	..	..
					5,182	5,430	69,862	50,020		

(a) Excludes cost of collecting seeds Rs. 431
Excludes clearing inspection path 50
Excludes enumeration of trees in sample plot 3

* Expenditure incurred in re-forming.

† Abandoned.

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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 in which regeneration was in progress at commencement of year (1st April 1931).
(1)	(2)	(3)	(4)	(5)	(6)
FIFTH CIRCLE		YRS.	ACS.		ACS.
<i>—cont.</i>					
SOUTH COIMBATORE					
<i>—cont.</i>					
Regeneration plots in compartments IX and X.	Punachi Working Circle.	..	..	..	..
Two-acre plot in compartment II.		..	..	..	..
Three-acre plot in compartment XV.		..	..	..	..
Regeneration area in compartments XIV and XVI.		1924	..	..	..
Ten-acre plot in compartment XV.		..	..	..	..
Regeneration area in coupes XII and XIII.		1925	..	..	..
Periodic block		1925-26	..	..	..
Do.		1926-27	..	..	..
Do.		1928	..	..	..
Do.		1929	..	..	..
Do.		1930	..	..	..
Do.		1931	..	..	..
Do.		1932	25	..	36
Gap regeneration in Ulandi range.	..	..	..	..	..
NORTH COIMBATORE.					
Jettupalayam range.	Mannar Circle.	Working	..	..	..
accaneri Sandal compartment.	..	..	..	Dibbling sandal seeds.	..
				Do	..
MADURA.					
annathiparai Cumbum Valley experimental scheme.	..	5 years from 1927-28 to 1932-33.	..	Artificial regeneration of teak, rose-wood, etc.	..
Total	..	..	117		139

* The actual area regenerated is 36 acres.

Plans or Schemes during the year 1931-32—*cont.*

Area on which regeneration commenced during the year (1st April 1931 to 31st March 1932).	Area on which regeneration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during the year.		Expenditure from commencement of period.		Revenue during the year.	Total revenue from date of creation.
	Previous.	During the year (1st April 1931 to 31st March 1932).	Total to 31st March 1932.		Creation.	Upkeep.	Creation.	Upkeep.		
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.		RS.
..	6	..	5	..	..	..	88	128	..	..
..	2	..	2	..	..	..	75	126	..	..
..	3	..	3	..	..	..	146	98	..	..
..	25	..	25	..	..	66	524	1,286	..	..
..	10	..	10	..	..	..	245	404	..	..
..	25	..	25	..	..	..	431	25	..	..
..	25	..	25	..	..	19	327	143	..	..
..	25	..	25	..	..	15	22	198	..	..
..	25	..	25	..	..	23	185	143	..	..
..	25	..	25	..	..	46	160	72	..	..
..	25	..	25	..	..	45	200	98	..	..
..	..	36	36	..	21	108	190	108	..	..
25	..	..	..	25	135	..	135	..	..	..
					156	322	2,726	2,829	..	..
..	..	..	..	..	197	..	197	..	..	..
..	132	..	132	..	..	..	69	75	..	..
..	108	..	108	..	..	..	30	..	..	..
..	23	..	23	..	..	225	1,296	367	..	3,753
117	2,283	139	2,422	117	5,535	5,977	74,180	53,291	..	3,753

† Excludes Rs. 155 spent on 5-acre sandal plot, Rs. 88 on creeper cutting and Rs. 21 on sandal seed collection.

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 in progress at commencement of year (1st April 1931).
(1)	(2)	(3)	(4)	(5)	(6)
TH CIRCLE.					
galore, North.	Coupe I Catechu working series in Baindur and Wandse.	YRS. 1926-27	ACS. 375 acres in coupe I of Baindur and 180 acres in coupe I of Wandse series.	Fencing and sowing Acacia Sundra (catechu) at stakes 12' X 12' in filled pits 1' X 1' X 10".	ACS. 120 acres (51 in coupe I Baindur and 69 acres in coupe II, Baindur).
	Coupe II Catechu working series.	1927-28	580 acres in Baindur coupe II and 785 acres in Wandse coupe II.		75 acres in coupe II, Baindur.
	Coupe III Catechu working series.	1928-29	550 acres in coupe III Baindur and 1,030 acres in coupe III, Wandse.		13 acres in coupe III, Baindur and 76 acres in coupe III, Wandse.
	Coupe IV of Wandse Catechu working series.	1929-30	1,470 acres in coupe IV of Wandse series.		34 acres in coupe IV of Wandse series.
	Coupe V of Baindur Catechu working series.	1931-32	33 acres in coupe V of Baindur series.		33 acres in coupe V of Baindur series.
	Coupes V and VI of Baindur Catechu working series.	1931-32	36 acres in coupes V and VI of Baindur		36 acres in coupes V and VI of Baindur series.
Total ..			5,039		387

Plans or Schemes during the year 1931-32—cont.

Area on which regeneration commenced during the year (1st April 1931 to 31st March 1932).	Area on which regeneration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during the year.		Expenditure from commencement of period.		Revenue during the year.	Total revenue from date of creation.
(7)	Previous.	During the year (1st April 1931 to 31st March 1932).	Total to 31st March 1932.	(11)	Creation.	Upkeep.	Creation.	Upkeep.	(16)	(17)
	(8)	(9)	(10)		(12)	(13)	(14)	(15)		
..	..	..	..	ACS. 120	RS. ..	RS. 11	RS. 352	RS. 448	..	..
..	..	..	..	75	..	12	396	418	..	..
..	..	..	..	13	..	13	86	103	..	..
..	..	..	..	76	..	45	440	258	..	..
..	..	..	..	34	..	26	306	80	..	..
..	..	..	..	33	180	..	180	..	..	..
..	..	..	..	36	197	..	197	..	..	..
..	..	..	..	387	377	107	1,957	1,307	..	..

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 in progress at commencement of year (1st April 1931).
(1)	(2)	(3)	(4)	(5)	(6)
SIXTH CIRCLE—cont.					
		YRS.	ACS.		ACS.
Wynad	Experimental working circle, Begur and Chedleth ranges.	1892-93 to 1929-30	(a) 1,551	Regular planting and Taungya planting.	..
	Cultural operations in Begur and Chedleth ranges.	..	..	Patch regeneration by dibbling seeds.	..
	Clear-felling working circle in Begur and Chedleth ranges.	1929-30 to 1938-39	(a) 1,500	Concentrated regeneration by stump planting.	(b) 150
	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 stump planting.	(b) 688
	Selection felling working circle felling series.	..	..	Taungya planting.	..
	Improvement felling working circle in Sultan's Battery range.	..	..	Taungya planting and dibbling.	..
				Patch planting and dibbling.	..
	Total ..		9,975		838
Nilambur	Plantation working circle.	1928-29 to 1937-38.	1,290	Artificial ..	87
	Conversion working circle.	Do.	2,209	Do. ..	276
	Beypore Coconut tope.	1931-32	..	Do. ..	..
	Total ..		3,499		363
The Nilgiris ..	Mudumalai clear-felling working circle.	1927 to 1937.	300	Artificial regeneration.	..20
	Do.	Do.	105	Dibbling	24
			(one acre per 100)	sandal seed.	
	Sandal area, Segur range.	1931-32	25	Do.	..
	Sandal area, Coonoor range.	Do.	25	Do.	..

(a) Total area provided in the Working Plan.

(b) Correct area found on actual survey now adopted.

(c) Patch or gap regeneration done in Begur and Chedleth ranges from 1914-15 to 1921-22 now shown in this return as the patches lie in the area covered by the Working Plan.

Plans or Schemes during the year 1931-32—cont.

Area on which regeneration commenced during the year (1st April 1931 to 31st March 1932.)	Area on which regeneration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during the year.		Expenditure from commencement of period.		Revenue during the year.	Total revenue from date of creation.
	Previous.	During the year 1st April 1931 to 31st March 1932.	Total to 31st March 1932.		Creation.	Upkeep.	Creation.	Upkeep.		
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.
..	(b) 1,393	..	1,393	..	..	2,836	58,385	56,974	5,468	34,193
..	(c) 227	..	227	..	..	..	1,924	160	..	..
83	(b) 148	(b) 150	298	83	4,636	2,071	17,528	2,071	..	..
(d) ..	(b) 565	(b) 688	1,253	(d) ..	418	12	899	12	..	..
7	29	7	36	..	52	240	177	240	..	..
..	10	..	10	..	..	11	107	128	..	..
..	2	..	2	..	..	20	67	108	..	..
90	2,374	845	3,219	83	5,106	5,190	72,088	59,693	5,468	34,193
(e) 247	439	265	704	69	6,470	..	(f) 22,799	..	..	..
177	452	265	717	188	10,634	..	42,447	..	..	..
..	37	..	37	..	..	2,000	884	18,363	..	..
424	928	530	1,458	257	17,104	2,000	66,130	18,363	..	..
40	57.5	40	97.5	40	1,761	316	5,052	602	473	3,449
5	6	5	11	24	44	68	224	77	..	..
5	75	5	80	..	18	..	201	..	..	..
5	75	5	80	..	14	..	249	68	..	..

(d) As coupe III selection in both the ranges—Begur and Chedleth—has not been felled completely for marketable timber, some fresh patches in coupe I alone are being regenerated.

(e) Includes 144 acres (Edacode Compartment 80) regenerated by the Provincial Silviculturist, Ootacamund.

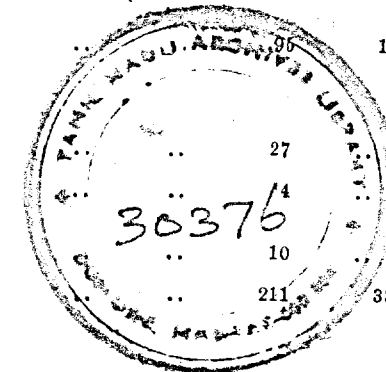
(f) Includes Rs. 374 spent by the Provincial Silviculturist, Ootacamund.

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 in progress at commencement of year (1st April 1931).
(1)	(2)	(3)	(4)	(5)	(6)
SIXTH CIRCLE —cont.		YRS.			
The Nilgiris—cont.					
	Nilgiris plantations and Arambby, Block V, compartment 17 B.	1931-32 ..	..	..	..
	Baikie, Block IV, compartment I.	Do. ..	..	..	..
	Snowdon, Block III, compartment 2 B.	Do. ..	..	..	..
	Snowdon, Block III, compartment 3.	Do. ..	..	..	..
	Brooklands, compartment 3.	Do. ..	..	Artificial regeneration by planting <i>Eucalyptus eugenioides</i> .	..
	Springfield, compartment 2	Do. ..	..	Do.	..
	Springfield, compartment 3.	Do. ..	..	Do.	..
	Springfield, compartment 4.	Do. ..	..	Do.	..
	Springfield, compartment 5.	Do. ..	..	Do.	..
	Coonoor Peak, Block II, compartment 2 A.	Do. ..	..	Artificial regeneration with <i>Eucalyptus globulus</i> .	..
	Governorshola, Block IV, compartment 4.	Do. ..	..	Do.	..
	Governorshola, Block IV, compartment 1.	Do. ..	..	Do.	..
	Cairnhill Block I, compartment 9 (B).	Do. ..	..	Do.	..
	Marlimund, Block III, compartment 1.	Do. ..	..	Do.	..
	Aramby, Block VII, compartment 3.	Do. ..	..	Do.	..
	Brooklands, compartment 4.	Do. ..	..	Do.	..

Plans or Schemes during the year 1931-32—cont.

Area on which regeneration commenced during the year (1st April 1931 to 31st March 1932).	Area on which regeneration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during the year.		Expenditure from commencement of period.		Revenue during the year.	Total revenue from date of creation.
	Previous.	During year (1st April 1931 to 31st March 1932).	Total to 31st March 1932.		Creation.	Upkeep.	Creation.	Upkeep.		
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
	ACS.		ACS.			RS.	RS.	RS.		
..	3.7	..	3.7	..	..	..	..	12	..	..
..	1.5	..	1.5	..	..	..	27	..	..	..
..	4.5	..	4.5	..	..	..	..	..	..	..
..	1	..	1	..	..	..	10	..	..	..
..	5	..	5	..	..	..	211	33	..	..
..	5.2	..	5.2	..	..	..	145	28	..	..
..	5.2	..	5.2	..	..	..	141	23	..	..
..	5.8	..	5.8	..	..	..	120	29	..	..
..	5.8	..	5.8	..	..	..	125	30	..	..
..	3.2	..	3.2	..	..	..	36	..	..	..
..	6.4	..	6.4	..	..	..	52	..	..	..
..	10	..	10	..	..	..	178	30	..	..
..	3.4	..	3.4	..	..	..	45	2	..	..
..	3.7	..	3.7	..	..	..	42	6	..	..
..	3	..	3	..	..	..	46	4	..	..
..	5.3	..	5.3	..	..	64	195	301	..	..



J.B. 2114 NB22

Progress in afforestation and regeneration under Working

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area in which regeneration was in progress at commencement of year (1st April 1931).
(1)	(2)	(3)	(4)	(5)	(6)
SIXTH CIRCLE					
—cont.					
The Nilgiris—cont.					
		YRS.	ACS.		
	Coonoor Peak, Block II, compartment 2 B.	1931-32 ..	..	Artificial re-generation with <i>Eucalyptus Globulus</i> .	..
	Tigerhill Reserved Forest.	Do. ..	..	Do.	..
	Bleakhouse, compartment 1.	Do. ..	..	Artificial re-generation with <i>Eucalyptus pillularis</i> .	..
	Aramby, Block VII, compartment 3 (b).	Do. ..	..	Artificial re-generation with <i>Eucalyptus Globulus</i> .	..
	Cairnhill, Block I, compartment 9 (b) ii.	Do. ..	..	Do.	..
	Brooklands, compartment 5.	Do. ..	..	Artificial re-generation with <i>Eucalyptus pillularis</i> .	..
	Aramby, Block VII, compartment 3 (c).	Do. ..	2.97	Artificial re-generation with <i>Eucalyptus Globulus</i> .	..
	Cairnhill, Block I, compartment 4 (a).	Do. ..	3.40	Do.	..
	Coonoor Peak, Block II, compartment 2 (c).	Do. ..	3.16	Do.	..
	Brooklands, compartment 6.	Do. ..	5.00	Artificial re-generation with <i>Eucalyptus pillularis</i> .	..
	Bleakhouse, compartment 2.	Do. ..	5.37	Do.	..
	Total ..		475.9	..	44

Plans or Schemes during the year 1931-32—cont.

Area on which regeneration commenced during the year (1st April 1931 to 31st March 1932).	Area on which regeneration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during the year.		Expenditure from commencement of period.		Revenue during the year.	Total revenue from date of creation.
	Previous.	During year (1st April 1931 to 31st March 1932).	Total to 31st March 1932.		Creation.	Upkeep.	Creation.	Upkeep.		
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	ACS.	ACS.		RS.	RS.	RS.	RS.	RS.	RS.
..	3.2	..	3.2	..	..	..	38	..	..	..
..	12	..	12	..	..	42	167	42	..	..
..	7.6	..	7.6	..	..	43	170	43	..	..
..	3	..	3	..	..	1	33	1	..	..
..	3.5	..	3.5	..	..	1	41	1	..	..
..	5.8	..	5.8	..	..	76	304	76	..	..
3.70	..	3.70	3.70	..	62	..	62	..	..	..
3.40	..	3.40	3.40	..	40	..	40	..	..	..
3.16	..	3.16	3.16	..	33	..	33	..	..	..
5.00	..	5.00	5.00	..	57	..	57	..	..	..
..	..	..	..	..	..	..	..	..	..	..
6.37	..	6.37	6.37	..	20	..	20	..	..	..
6.637	321.3	76.63	397.93	..	2,119	611	8,233	1,408	473	3,449

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 in progress at commencement of year (1st April 1931).
(1)	(2)	(3)	(4)	(5)	(6)
		YRS.	ACS.		ACS.
SIXTH CIRCLE —cont.					
Palghat	Walayar forests pole working circle, Block I, compartment 3.	1926-27	181	Stump planting one year old teak stumps.	..
	Pole working circle, Block II, compartment 8, coupe I.	1927-28	112		..
	Pole working circle, Block II, compartment 8, coupe II.	1928-29	125		..
	Pole working circle, Block II, compartment 8, coupe III.	1929-30	79		..
	Pole working circle, Block II, compartment 8, coupe IV.	1930-31	91		..
	Pole working circle, Block II, compartment 8, coupe V.	1931-32	108		..
	Pole working circle, Block II, compartment 8, coupe VI.	1932-33	..		..
	Pole working circle, Block II, compartment 8, coupe VII.	1933-34	..		..
	Bolampatty forests ponam working circle, compartment 17, coupe I.	1926-27	45	Ponam	..
	Bolampatty forests ponam working circle, compartment 16, coupe II.	1927-28	44	Do.	..
	Bolampatty forests ponam working circle, compartment 16, coupe III.	1928-29	25	Do.	..

Plans or Schemes during the year 1931-32—cont.

Area on which regeneration commenced during the year (1st April 1931 to 31st March 1932).	Area on which regeneration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during the year.		Expenditure from commencement of period.		Revenue during the year.	Total revenue from date of creation.
	Previous.	During year (1st April 1931 to 31st March 1932).	Total to 31st March 1932.		Creation.	Upkeep.	Creation.	Upkeep.		
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.		
..	181	..	181	..	..	44	2,245	1,236	..	..
..	112	..	112	..	..	27	1,733	520	..	..
..	125	..	125	..	..	..	1,064	307	..	..
..	79	..	79	..	..	74	1,011	323	..	..
..	91	..	91	..	..	269	1,092	269	..	..
108	..	108	108	..	924	..	(g) 1,844	..	..	..
..	..	..	..	..	765	..	765	..	..	..
..	..	..	..	..	51	..	51	..	..	..
..	45	..	45	..	..	90	30	208	..	..
..	44	..	44	..	..	..	3	554	..	..
..	25	..	25	..	..	5	112	472	..	..

(g) Correct figure furnished by the District Forest Officers after apportioning nursery charges.

Progress in afforestation and regeneration under Working

Plans or Schemes during the year 1931-32—cont.

Division	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was in progress at commencement of year (1st April 1931).	Area on which regeneration commenced during the year (1st April 1931 to 31st March 1932).	Area on which regeneration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during the year.		Expenditure from commencement of period.		Revenue during the year.	Total revenue from date of creation.
							Previous.	During year (1st April 1931 to 31st March 1932).	Total to 31st March 1932.		Creation.	Upkeep.	Creation.	Upkeep.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
SIXTH CIRCLE																
—cont.																
Palghat—cont.																
	Ponam working circle, compartment 16, coupe IV.	1929-30	28	Ponam	..	..	..	28	28	..	..	76	169	320	..	..
	Ponam working circle, compartment 16, coupe V.	1930-31	26	Do.	..	..	..	28	28	..	..	400	172	400	..	..
	Ponam working circle, compartment 16, coupe VI.	1931-32	23	Do.	..	..	23	..	23	..	25	..	69	..	..	..
	Mullangadu, compartment 27.	1927-28	120	Clearing the area.	..	..	..	120	120	..	..	..	..	180	..	..
	Singapathi, coupe II.	1928-29	33	Do.	..	..	..	33	33	..	..	..	..	99	..	..
	Mullangadu, coupe II.	Do.	31	Do.	..	..	..	31	31	..	..	..	..	34	..	..
	Kallar, coupe I ..	1928-29	18	Do.	..	..	..	18	18	..	..	..	..	50	..	..
	Kallar, coupe II ..	1928-29 & 1929-30	31	Do.	..	..	..	31	31	..	..	..	..	141	..	..
	Kallar strip II	1929-30	13	Do.	..	..	..	13	13	..	..	..	..	36	..	..
	Singapathi coupe III.	1930-31	28	Do.	..	..	..	28	28	..	..	..	..	56	..	..
	Singapathi, coupe IV.	Do.	33	Do.	..	..	..	33	33	..	..	..	..	66	..	..
	Mullangadu, coupe IV.	Do.	33	Do.	..	..	..	33	33	..	..	..	..	50	..	..
	Singapathi, coupe V.	1930-31 & 1931-32	35	Do.	..	..	19	16	35	..	..	34	..	50	..	..
	Mullangadu, coupe V.	1930-31 & 1931-32	31	Do.	..	..	15	16	31	..	..	26	..	42	..	..
	Kallar, coupe IV..	1930-31 & 1931-32	33	Do.	..	..	14	19	33	..	..	21	..	59	..	..
	Sholakarai, coupe IV.	1930-31	58	Tending	..	..	..	58	58	..	..	..	..	14	..	..
	First half of Singapathi, coupe VI.	1931-32	12	Clearing the area.	..	..	12	..	12	..	..	12	..	12	..	..
	First half of Mullangadu, coupe VI.	Do.	13	Do.	..	..	13	..	13	..	..	13	..	13	..	..
	First half of Kallar, coupe V.	Do.	17	Do.	..	..	17	..	17	..	..	9	..	9	..	..
	Mangarai, coupe I.	Do.	108	Do.	..	..	108	..	108	..	..	39	..	39	..	..
	Anaikatty, coupe I.	Do.	83	Do.	..	..	83	..	83	..	..	41	..	41	..	..

ANNUAL REPORT OF THE

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 in progress at commencement of year (1st April 1931).
(1)	(2)	(3)	(4)	(5)	(6)
SIXTH CIRCLE —cont.		YRS.	ACS.		ACS.
Palghat—cont.	Ichikuli Coupe I.	1931-32	41	Clearing the area.	..
	Propagation of sandal in Thadagam Reserved Forest.	..	..	Do.	..
	Sowing of tamarind in Thadagam Reserved Forest.	..	..	Do.	..
	Total ..		1,660		..
	Grand Total ..		20,648-9		1,245
	Grand Total, Presidency.		27,295		2,805

FOREST DEPARTMENT

Plans or Schemes during the year 1931-32—cont.

Area on which regeneration commenced during the year 1st April 1931 to 31st March 1932.	Area on which regeneration is complete.			Area on which regeneration is still in progress at close of year (31st March 1932).	Expenditure during the year.		Expenditure from commencement of period.		Revenue during the year.	Total revenue from date of creation.
	Previous.	During year (1st April 1931 to 31st March 1932).	Total to 31st March 1932.		Creation.	Upkeep.	Creation.	Upkeep.		
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.
41	..	41	41	..	..	21	..	21	..	..
..	..	..	..	..	..	27	..	27	..	..
..	..	..	..	..	..	3	..	3	..	..
453	1,207	453	1,660	..	1,856	1,231	10,451	5,651	..	..
1,044	4,830-3	1,904-63	6,734-93	384	26,562	9,139	1,65,859	86,422	5,941	37,642
1,797	8,898	2,516	11,414	2,086	38,677	20,776	2,84,420	3,02,013	9,991	1,76,412

ANNUAL FORM
Forest Department,
Plantations not under Working Plans

Division and forest.	Method of formation and year of commencement.	Area in acres.			
		At commence- ment of year, 1st April 1931.	Added during year, 1st April 1931 to 31st March 1932.	Excluded during year 1st April 1931 to 31st March 1932.	On 31st March 1932.
(1)	(2)	(3)	(4)	(5)	(6)
		ACS.	ACS.	ACS.	ACS.
FIRST CIRCLE.					
<i>Regular Plantations.</i>					
Guntur	Muthayapalem, 1924-25 ..	5	..	..	5
<i>Taungya Operations.</i>					
Godavari, Upper	Taungya operations ..	311	..	..	311
<i>Cultural Operations.</i>					
Vizagapatam	Tangedu experimental plot in Arlova reserved forest, 1928-29.	12	5	..	17
	Sal experimental plots in Makkava and Polla, 1928-29.	1.5	2	..	3.5
	Sowing of Sandal in Pala- konda range.	..	5.65	..	5.65
	Sowing of Teak in Chinna- ghora reserved forest.	2.25	4	..	6.25
Godavari, Upper	Clear-felling to establish a better quality of trees and tending, etc.	2,197	24.20	..	2,221
	(a) Dittling Sandal ..	26	..	..	25.95
Godavari, Lower	Artificial regeneration with teak.	49	40	..	89
Guntur	Muthayapalem, 1912-13 ..	5	..	..	5
	Guthikonda, 1924-25 ..	6	..	..	6
	Venkatayapalem, 1926-27.	3	..	..	3
	Nachugunta	0.2	..	..	0.2
Nellore	Sreeharikota, 1927-28 ..	1.5	2.4	..	3.9
	Kambakam Sandal, 1927- 28.	12.5	5	..	17.5
	Udayagiri Durgam Sandal.	0.25	0.25	..	0.5
	Total ..	2,632.61	88.5	..	2,721.11

(a) This item was wrongly omitted in previous year's returns.
NOTE—(1) One acre in Kondapalli shown in the previous year's return has been omitted from this return as the area comes under Working Plan.
(2) 48 acres in Mutkur shown in the previous year's return has been omitted from this return as it is only a patch sowing.

No. 34-B.

Madras.

during the year 1931-32.

Expenditure during the year.		Total expenditure from commencement including expenditure on all failed areas.			Total area written off from start.	Expenditure in failed areas during the year.	Expenditure from commencement excluding failed areas.	Revenue during the year.	Total revenue from date of creation.
Creation.	Upkeep.	Creation.	Upkeep.	Total.					
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
RS.	RS.	RS.	RS.	RS.	ACS.	RS.	RS.	RS.	RS.
..	..	202	..	202	..	..	202	..	9
217	813	2,435	2,903	5,338	..	454	4,884	1,209	29,444
50	12	138	23	161	..	..	161	..	..
7	..	10	..	10	..	..	10	..	..
28	..	28	..	28	..	..	28	..	..
15	1	34	1	35	..	..	35	..	..
297	925	50,045	3,793	53,838	..	..	53,838	26,714	3,09,823
..	..	16	124	140	..	..	140	..	..
802	6	1,845	577	2,422	..	..	2,422	..	..
..	..	22	..	22	..	..	22	..	..
..	..	..	..	..	..	..	..	..	..
..	..	38	..	38	..	..	38	..	..
..	..	11	..	11	..	..	11	..	..
15	..	75	..	75	5	..	25	..	..
8	..	121	..	121	..	..	121	..	..
5	..	25	..	25	6.72	..	9	..	..
1,444	1,757	55,045	7,421	62,466	11.72	454	61,946	27,923	3,39,276

Plantations not under Working Plans

Division and forest.	Method of formation and year of commencement.	Area in acres.			
		At commence- ment of year, 1st April 1931.	Added during year, 1st April 1931 to 31st March 1932.	Excluded during year, 1st April 1931 to 31st March 1932.	On 31st March 1932.
(1)	(2)	(3)	(4)	(5)	(6)
SECOND CIRCLE—Nil.		ACS.	ACS.		ACS.
FOURTH CIRCLE.					
<i>Vellore.</i>					
Ambur tope	Planting in 1913	6.00	..	..	6.00
Amerdi plantation ..	Clear-felling and artifi- cially stocking with tim- ber species in 1922-23.	92.25	..	..	92.25
Total	..	98.25	..	..	98.25
<i>Central Salem.</i>					
Kurumbapatti plantation.	Sowing teak, 1920-21 ..	1.75	..	..	1.75
Ayyanthirumaligai ..	Sowing several species, 1923-24.	..	..	..	..
Chitteries	Lac cultivation in 1929-30.	..	..	..	..
Shevaroy's Central work- ing circle	321 acres to be regenerated in 4 years planting silver oak and cyprus and sowing of seeds of Australian wattle.	143	..	..	143
Sanniyasimalai working circle.	4 acres in 1 year planting Acacia decurrens and blue gum.	4	..	..	4
Total	..	148.75	..	..	148.75
<i>South Salem.</i>					
Tope attached to the Dis- trict Forest Officer's quarters.	Raising mango trees, 1904.	9.5	..	..	9.5
Grand total	..	256.50	..	..	256.50

ring the year 1931-32—cont.

Expenditure during the year.		Total expenditure from com- mencement including expenditure on all failed areas.			Total area written off from start.	Expenditure in failed areas during the year.	Expenditure from com- mencement excluding failed areas.	Revenue during the year.	Total revenue from date of creation.
Creation.	Upkeep.	Creation.	Upkeep.	Total.					
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	RS.	RS.	RS.	RS.			RS.		RS.
..	15	..	45	45	..	..	45	..	1,736
..	5	3,102	2,225	5,327	..	..	5,327	..	10,846
..	20	3,102	2,270	5,372	..	..	5,372	..	12,582
..	6	202	40	242	..	..	242	..	..
..	..	131	69	200	..	..	200	..	..
..	..	200	..	200	..	..	200	..	..
..	..	..	9,096	9,096	..	..	9,096	..	..
..	..	108	..	108	..	..	108	..	..
..	6	641	9,205	9,846	..	..	9,846	..	..
..	..	467	1,760	2,227	..	..	2,227	..	280
..	26	4,210	13,235	17,445	..	..	17,445	..	12,862

* These two items were shown in Form 31A last year, but shown here this year as these are not covered by the new consolidated working plan for the division.

Plantations not under Working Plans

Division and forest.	Method of formation and year of commencement.	Area in acres.			
		At commence- ment of year, 1st April 1931.	Added during year, 1st April 1931 to 31st March 1932.	Excluded during year, 1st April 1931 to 31st March 1932.	On 31st March 1932.
(1)	(2)	(3)	(4)	(5)	(6)
		ACS.	ACS.		ACS.
FIFTH CIRCLE.					
<i>Madura.</i>					
Gundan shola blue gum plantation.	....	245	..	..	245
Pambar pine plantation.	1906	842	..	..	842
Gundar valley	Planting acacia <i>discur-rens.</i>	148	..	..	148
Valancombai teak planta- tion.	....	(a) 15	..	..	15
Vannathiparai teak plan- tation.	1870	4	..	..	4
Bethuvalkal new teak plantation.	1920-21	53	..	..	53
Alagar Hills Planting Mahagony.	....	3	..	..	3
<i>Tinnevely.</i>					
Kudiramoli teri Reserved Forest.	Dibbling palmyra nuts and <i>Dodonea Viscosa</i> seeds.	5,644	500	..	6,144
Kariar teak plantation ..	1922-24	85	..	..	85
Kodamady teak planta- tion.	1917	111	..	..	111
Richmond plantation ..	1906	1	..	..	1
Kariar Kani area ..	1912	23	..	..	23
Haynes plantation ..	....	23	..	..	23
Mundanthurai ..	Dibbling teak	10	..	..	10
<i>North Coimbatore.</i>					
Minchiguly plantation ..	Dibbling teak, vengai and rosewood seeds and watering and weeding, 1918.	5	..	..	5
Total ..		7,212	500	..	7,712

NOTE.—In Madura a sum of Rs. 410 spent on regeneration of valuable species in the Surlipatti plateau is excluded, Rs. 57 were spent in restocking of degraded fuel coupes with indigenous species.

(a) The actual extent is only 15 acres.

(b) Represents expenditure on establishment of acacia fire-belt charged under fire protections.

(c) Excludes Rs. 53 spent for stock-mapping of timber areas in the evergreen forests by the Assistant Working Plans Officer.

NOTE.—In Tinnevely Rs. 168 were spent in planting teak in fuel coupes, Rs. 20 in dibbling sandal seeds in Valliyur Reserved Forest and Rs. 60 in maintenance of timber regeneration areas in Kannikatty evergreen forests.

during the year 1931-32—cont.

Expenditure during the year.		Total expenditure from com- mencement including expenditure on all failed areas.			Total area written off from start.	Expenditure in failed areas during the year.	Expenditure from com- mencement excluding failed areas.	Revenue during the year.	Total revenue from date of creation.
Creation.	Upkeep.	Creation.	Upkeep.	Total.					
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
RS.	RS.	RS.	RS.	RS.			RS.	RS.	RS.
..	..	18,985	..	18,985	..	..	18,985	28	5,655
..	(b) 547	33,486	5,999	39,485	..	..	39,485	75	1,152
..	..	3,106	131	3,237	..	..	3,237	..	..
..	..	1,124	142	1,266	..	..	1,266	..	2,315
..	..	1,405	..	1,405	..	..	1,405	..	2,125
..	..	3,770	759	4,529	..	..	4,529	..	..
..	..	64	..	64	..	..	64	..	..
(c) 953	..	12,800	1,899	14,699	..	..	14,699	1,523	55,525
..	..	1,642	757	2,399	..	..	2,399	..	107
..	..	4,236	1,237	5,473	..	..	5,473	..	218
..	..	5	..	5	..	..	5	..	94
..	..	47	310	357	..	..	357	..	178
..	..	26	37	63	..	..	63	..	..
..	..	182	35	217	..	..	217	..	..
..	..	123	618	741	..	..	741	..	..
953	547	81,001	11,924	92,925	..	..	92,925	1,626	67,369

Plantations not under Working Plans

FOREST DEPARTMENT

Division and forest.	Method of formation and year of commencement.	Area in acres.				during the year 1931-32—cont.									
		At commence- ment of year, 1st April 1931.	Added during year, 1st April 1931 to 31st March 1932.	Excluded during year, 1st April 1931 to 31st March 1932.	On 31st March 1932.	Expenditure during the year.		Total expenditure from com- mencement including expendi- ture on all failed areas.			Total area written off from start.	Expenditure in failed areas during the year.	Expenditure from com- mencement excluding failed areas.	Revenue during the year.	Total revenue from date of creation.
		(3)	(4)	(5)	(6)	Creation.	Upkeep.	Creation.	Upkeep.	Total.					
(1)	(2)	ACS.	ACS.		ACS.	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SIXTH CIRCLE.															
Mangalore North.															
Udipi Range.															
Someshwar	Sowing of Hopea, Dhupa and wild Jack in prepared patches, 1920-21 and 1927-28.	659	..	..	659	..	..	2,593	1,929	4,522	19	..	4,414	..	..
	Sowing of teak, xylia, rosewood, etc., in gaps formed by timber felling in coupe IV, in 1929-30.	2	..	..	2	..	21	155	47	202	..	..	202	..	..
	Sowing of teak, xylia, rosewood, etc., in gaps formed by timber felling in coupe V, in 1929-30 and 1930-31.	4	..	..	4	23	4	182	4	186	..	..	186	..	..
	Sowing of Hopea in timber, coupe III felled area in 1930-31.	65	..	..	65	..	123	416	123	539	..	..	539	..	..
	Sowing of Hopea in timber coupe III felled area in 1931-32.	91	..	..	91	385	..	585	..	585	..	..	585	..	..
	Sowing of teak, etc., in gaps formed by timber fellings in coupe VI (a) in 1931-32.	4	..	..	4	12	..	63	..	63	..	..	63	..	..
	Sowing of teak, etc., in gaps formed by timber fellings in coupe VI (b) in 1931-32.	..	2	..	2	42	..	42	..	42	..	..	42	..	..
Jatkatimale	Sowing of Hopea and Dhupa in prepared patches.	1,139	..	..	1,139	..	..	3,122	5,686	8,808	152	..	8,039	..	..
Halesomeshwar	Sowing of Hopea in prepared patches, 1922-23, 1924-25 and 1926-27.	1,744	..	..	1,744	..	287	7,254	5,342	12,596	99	..	12,321	..	..
Coondapoor Range.															
Madibare	Sowing of xylia in prepared patches, 1927-28.	11	..	..	11	..	..	121	25	146	..	..	146	..	..
Mangalore Range.															
Kodiamale	Sowing of Hopea in prepared patches, 1921-22.	52	..	..	52	..	..	115	14	159	..	..	159	..	..
Total ..		3,771	2	..	3,773	462	435	14,678	13,170	27,848	270	..	26,696	..	..
Mangalore South.															
Kasaragod Range.															
Parappa Reserved Forest, compartment VI (portion).	Sowing of deciduous species after clearfelling and burning, 1924.	16	..	..	16	..	..	99	123	222	..	..	222	..	..
Parappa Reserved Forest, compartment VII (portion).	Sowing of deciduous species after clearfelling and burning, 1926-27.	23	..	..	23	..	10	407	275	682	..	..	682	..	..

Plantations not under Working Plans

Division and forest.	Method of formation and year of commencement.	Area in acres.			
		At commencement of year, 1st April 1931.	Added during year, 1st April 1931 to 31st March 1932.	Excluded during year, 1st April 1931 to 31st March 1932.	On 31st March 1932.
(1)	(2)	(3)	(4)	(5)	(6)
		ACS.	ACS.		ACS.
SIXTH CIRCLE—cont.					
Mangalore South—cont.					
Kasaragod Range—cont.					
Parappa Reserved Forest, compartments I to X.	Sowing and planting of evergreen species.	1,967	..	..	1,967
Parappa, Reserved Forest, compartment IX (portion).	Sowing with <i>Artocarpus hirsuta</i> and <i>Malia Dubia</i> (area felled in 1926-27) in 1929.	16	..	..	16
Jalour East Reserved Forest, coupes I and II.	Sowing and planting of Hopea under existing growth, 1926-27.	252	..	..	252
Do.	Natural regeneration of evergreen species, 1926-27.	147	..	..	147
Parappa Reserved Forest, compartment V (portion).	Sowing and planting of teak, 1930.	30	..	..	30
Aletti West Reserved Forest, strip II.	Artificial regeneration over 35 acres with Hopea, etc., and natural regeneration over 20 acres—(area felled in 1928-29) 1929-30 plantation.	55	..	..	55
Aletti West Reserved Forest, strips I, III to V.	Natural regeneration, i.e., tending natural Hopea seedlings over an area of 55 acres and artificial regeneration with Hopea and <i>Artocarpus hirsuta</i> over the remaining area of 121 acres (area felled in 1929-30) 1930-31 plantation.	177	..	..	177
Mandekole Reserved Forest, coupe I.	Artificial regeneration with Hopea and teak (area felled in 1930-31) 1931-32 plantation.	..	51	..	51
Aletti East Reserved Forest, compartment III of Aletti series.	Artificial regeneration over 23 acres with Hopea and teak and natural regeneration, i.e., tending natural Hopea seedlings over an area of 12 acres (1931-32 plantation).	..	35	..	35
Uppinangadi Range.					
Porkala and Padnur Reserved Forest.	Sowing and planting of evergreen species, mainly Hopea, 1920-24.	1,405	..	..	1,405
Nerankimale Reserved Forest.	Clearfelling, burning and sowing deciduous species.	89	..	..	89

during the year 1931-32—cont.

Expenditure during the year.		Total expenditure from commencement including expenditure on all failed areas.			Total area written off from start.	Expenditure in failed areas during the year.	Expenditure from commencement excluding failed areas.	Revenue during the year.	Total revenue from date of creation.
Creation.	Upkeep.	Creation.	Upkeep.	Total.					
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
RS.	RS.	RS.	RS.	RS.	ACS.	RS.	RS.		
..	86	5,456	5,947	11,403	275	1,021	10,382	..	..
..	60	617	195	812	5	197	615	..	..
..	..	1,541	2,695	4,236	..	..	4,236	..	..
..	37	289	4,778	5,067	..	..	5,067	..	..
..	485	900	485	1,385	..	..	1,385	..	..
..	..	206	65	271	..	..	271	..	..
..	..	706	..	706	..	..	706	..	..
182	..	182	..	182	..	..	182	..	..
248	..	248	..	248	..	..	248	..	..
..	..	6,520	6,984	13,504	214	217	13,287	..	..
..	..	357	559	916	..	..	916	..	..

Plantations not under Working Plans

Division and forest.	Method of formation and year of commencement.	Area in acres.			
		At commence- ment of year, 1st April 1931.	Added during year, 1st April 1931 to 31st March 1932.	Excluded during year 1st April 1931 to 31st March 1932.	On 31st March 1932.
(1)	(2)	(3)	(4)	(5)	(6)
		ACS.	ACS.	ACS.	ACS.
SIXTH CIRCLE—cont.					
<i>Wynaad.</i>					
Kannoth Range ..	Regular plantations	273	..	..	273
	Taungya do. ..	354	..	..	354
	Cultural operations ..	1,816	(b) 640	..	2,456
	Total ..	2,443	640	..	3,083
<i>Palghat.</i>					
Puliyampatti tope re-serve.	Taungya plantations, 1929-30.	20	..	..	20
Vallapathi ..	Cultural operations, 1929-30.	39	..	..	39
Muthikulam bungalow compound.	Cultural operations, 1921-22.	4	..	..	4
Palghat Range office compound.	Cultural operations, 1919-20.	1	..	1	..
Dhone Reserve ..	Do.	10	..	..	10
Elival teak plantation (old).	Do.	10	..	..	10
Chenat Nair old plantation.	Cultural operations, 1920-21.	264	..	..	264
Dhone 4-acre plot (teak) ..	Cultural operations, 1928-29.	4	..	..	4
Dhone 26-acre plot (teak).	Cultural operations, 1929-30.	26	..	..	26
Dhone coupe II (teak) ..	Cultural operations, 1930-31.	23	..	..	23
Dhone coupe III (teak) ..	Cultural operations, 1931-32.	..	20	..	20
	Cultural operations, 1932-33.	..	..	..	..
	Cultural operations, 1933-34.	..	..	..	..
Elival teak plantation ..	Cultural operations, 1928-29.	21	..	..	21
	Cultural operations, 1929-30.	33	..	..	33
	Cultural operations, 1930-31.	35	..	..	35
	Cultural operations, 1931-32.	..	55	..	55
	Cultural operations, 1932-33.	..	..	..	..
	Cultural operations, 1933-34.	..	..	..	..
	Total ..	490	75	1	564

during the year 1931-32—cont.

Expenditure during the year.		Total expenditure from commencement including expenditure on all failed areas.			Total area written off from start.	Expenditure in failed areas during the year.	Expenditure from commencement excluding failed areas.	Revenue during the year.	Total revenue from date of creation.
Creation.	Upkeep.	Creation.	Upkeep.	Total.					
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
RS.	RS.	RS.	RS.	RS.	ACS.	RS.	RS.		RS.
..	50	1,284	6,321	7,605	..	..	7,605	..	2,344
4	10	906	4,445	5,351	..	..	5,351	..	3,488
96	37	296	(a) — 1	(a) — 1	..	..	(a) — 1	..	..
			47	343	..	..	343	..	..
			(a) + 1	(a) + 1	..	..	(a) + 1	..	..
100	97	2,486	10,813	13,299	..	..	13,299	..	5,832
..	..	..	329	329	..	..	329	..	..
..	..	573	59	632	..	..	632	..	..
..	..	110	..	110	..	..	110	..	..
..	..	50	53	103	1	103	..	..	..
..	..	221	129	350	..	..	350	..	..
..	..	..	144	144	..	..	144	..	..
..	195	2,866	5,268	8,134	..	..	8,134	..	..
..	2	50	18	68	..	..	68	..	..
..	26	625	245	870	..	..	870	..	..
..	84	(c) 944	84	1,028	..	..	1,028	..	..
322	..	662	..	662	..	..	662	..	..
213	..	273	..	273	..	..	273	..	..
50	..	50	..	50	..	..	50	..	..
..	21	343	128	471	..	..	471	..	..
..	32	677	144	821	..	..	821	..	..
..	124	840	124	964	..	..	964	..	..
950	..	1,337	..	1,337	..	..	1,337	..	..
85	..	155	..	155	..	..	155	..	..
58	..	58	..	58	..	..	58	..	..
1,678	484	9,834	6,725	16,559	1	103	16,456	..	..

(a) Erroneous adjustment in previous years non-rectified.

(b) Represents sleeper worked areas in Peria Reserve during 1930-31, in which 252 gaps of different sizes were regenerated. It does not represent the actual area regenerated.

(c) Correct figures now adopted.

Plantations not under Working Plans

Division and forest.	Method of formation and year of commencement.	Area in acres.			
		At commence- ment of year, 1st April 1931.	Added during year, 1st April 1931 to 31st March 1932.	Excluded during year, 1st April 1931 to 31st March 1932.	On 31st March 1932.
(1)	(2)	(3)	(4)	(5)	(6)
		ACS.	ACS.	ACS.	ACS.
SIXTH CIRCLE—cont.					
<i>Palghat—cont.</i>					
Sappal teak plantation ..	Cultural operations—				
	1928-29	5	..	..	5
	1929-30	13	..	..	13
	1930-31	..	..	..	..
	1931-32	..	..	..	..
Regeneration in Kalladi- kode Valley Coupe I.	1929-30	..	..	..	..
Regeneration in Silent Valley Coupe I	1930-31	..	..	..	..
Regeneration in Silent Valley Coupe II	1931-32	..	..	..	..
Regeneration in Silent Valley Coupe III.	1933-34	..	..	..	..
Experimental nursery of satin wood.	1928-29	..	..	..	..
Evergreen nursery at Dhoni.	1928-29	..	..	..	..
Nursery for coffee robusta.	1928-29	..	..	..	..
Nursery for Andaman Padauk.	1928-29	..	..	..	..
Nursery for Burma Padauk.	1928-29	..	..	..	..
Evergreen nursery in Silent Valley.	.. .. .	..	..	..	..
Supply of seeds .. ..	.. .. .	..	..	..	..
	Total	608	75	1	582
	Grand Total	12,678	892	1	13,569
	Parlakimedi maliahs ..	235	18	..	253
	Grand Total, Presidency ..	23,015	1,499	1	24,513

during the year 1931-32—cont.

Expenditure during the year.		Total expenditure from commencement including expenditure on all failed area.			Total area written off from start.	Expenditure in failed areas during the year.	Expenditure from commencement excluding failed areas.	Revenue during the year.	Total revenue from date of creation.
Creation.	Upkeep.	Creation.	Upkeep.	Total.					
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
RS.	RS.	RS.	RS.	RS.	ACS.	RS.	RS.		RS.
..	5	103	14	117	..	..	117	..	..
..	13	386	58	444	..	..	444	..	..
..	..	863	..	863	..	..	863	..	..
160	..	160	..	160	..	..	160	..	..
..	8	674	48	697	..	..	697	..	..
..	45	(a) — 25 } 244	45	314	..	..	314	..	..
..	..	(a) + 25 } 385	..	385	..	..	385	..	..
385	..	385	..	385	..	..	385	..	..
15	..	15	..	15	..	..	15	..	..
..	..	13	13	26	..	26	..	..	..
..	..	30	..	30	..	..	30	..	..
..	..	12	..	12	..	12	..	..	..
..	..	18	..	18	..	..	18	..	..
..	..	7	..	7	..	7	..	..	..
..	..	(c) 82	..	82	..	..	82	..	..
..	..	..	..	..	..	..	..	..	..
2,238	555	12,826	6,903	19,729	1	148	19,581	..	..
3,678	2,054	51,902	62,211	1,15,113	765	1,583	1,12,378	..	5,832
87	106	734	1,732	2,465	..	..	3,465	..	..
6,162	4,490	1,92,892	96,523	2,90,414	777	2,037	2,87,159	29,519	4,25,339

(a) Erroneous adjustment in previous years now rectified.
 (b) Represents sleeper worked areas in Peria Reserve during 1930-31 in which 252 gaps of different sizes were regenerated. It does not represent the actual area regenerated.
 (c) Correct figures now adopted.

ANNUAL FORM No. 35.

Forest Department, Madras Presidency.

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1931-32 and Agency of Exploitation.

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.
FIRST CIRCLE.																
I. Reserved Forests.																
Ganjam ..	..	..	73	17	39	129	..	111	..	..	111	..	..	..	..	..
Vizagapatam ..	..	..	..	..	..	6	..	18	1	..	19	..	..	..	..	..
Godavari, Upper	..	4	..	..	..	4	3	..	..	..	3	..	..	..	..	..
Do. Lower	..	7	151	..	..	158	..	1	..	..	1	..	..	..	..	..
Guntur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nellore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	17	224	297	17	39	297	3	130	1	..	134	..	..	..	..	..
II. Leased Forests—Nil.																
III. Reserved Lands																
—Nil.																
IV. Unreserved Lands.																
Ganjam ..	..	..	40	1	..	41	..	38	..	..	38	..	..	..	..	..
Vizagapatam ..	..	..	..	..	..	..	..	23	3	..	26	..	..	..	..	..
Godavari, Upper	..	2	1	..	..	3	3	6	..	..	9	..	..	..	..	..
Do. Lower	..	..	31	28	..	62	..	..	..	..	..	..	..	..	..	..
Guntur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nellore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	2	75	106	29	..	106	3	67	3	..	73	..	..	..	..	..
Grand Total ..	19	299	403	46	39	403	6	197	4	..	207	..	..	..	..	..

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1931-32 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)	
I. Reserved Forests—cont.																
Ganjum ..	..	..	..	..	..	..	184	17	39	240	20	529	..	..	549	789
Vizagapatam ..	1	..	..	..	1	..	18	1	..	26	2	287	..	..	289	315
Godavari, Upper	..	..	..	..	..	7	..	..	..	7	..	..	..	..	..	7
Do. Lower	..	..	..	..	..	7	152	..	..	159	22	432	115	..	569	728
Guntur ..	..	6	..	..	6	..	6	..	..	6	36	978	..	..	1,014	1,030
Nellore ..	..	..	..	..	..	..	..	..	..	..	7	687	..	..	694	694
Total ..	1	6	..	..	7	21	380	18	39	438	87	2,913	115	..	3,115	3,553
II. Lensed Forests—Nil.																
III. Reserved Lands																
—Nil.																
IV. Unreserved.																
Lands—cont.																
Ganjum ..	..	..	..	..	..	..	78	1	..	79	..	76	..	..	76	155
Vizagapatam ..	..	..	..	..	..	..	23	3	..	26	..	30	..	..	30	56
Godavari, Upper	..	..	..	..	..	5	7	..	..	12	2	24	..	..	26	38
Do. Lower	..	..	..	..	..	..	34	28	..	62	..	7	..	..	7	69
Guntur ..	..	13	13	..	26	..	13	13	..	26	..	88	..	..	88	114
Nellore ..	..	8	8	..	16	..	8	8	..	16	..	68	..	..	68	84
Total ..	..	21	21	..	42	5	163	53	..	221	2	193	..	..	295	516
Grand Total ..	1	27	21	..	49	26	523	71	39	659	89	3,206	115	..	3,410	4,069

NOTE.—The figures against all divisions under reserved forests and for Upper Godavari under unreserved lands are actuals.

GANJAM.—The figures under "Purchasers" are estimates obtained by converting revenue at seigniorage rates. The other figures are actuals. —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 Rs. 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.

GENERAL:—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.

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1931-32 and Agency of Exploitation—cont.

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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)
SECOND CIRCLE.																
I. Reserved Forests.																
Anantapur	..	..	12	1	..	13	..	..	..	..	..	..	..	..	..	..
Kurnool, East	..	3	1	..	..	4	..	..	..	..	..	..	..	..	..	..
Do. South	..	38	99	..	..	137	2	92	3	1	98	..	..	..	..	..
Do. West	..	1	3	2	..	6	2	10	..	..	12	..	34	..	..	..
Cuddapah, North	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..
Do. South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36
Total	..	42	115	3	..	160	5	102	3	1	111	(a) 2	(a) 34	..	..	36
II. Leased Forests—Nil.																
III. Reserved Lands																
—Nil.																
IV. Unreserved Lands.																
Anantapur	..	..	87	6	..	93	..	..	..	..	..	..	..	..	..	..
Kurnool, East	..	..	3	12	..	15	..	..	..	..	..	..	..	..	..	..
Do. South	..	..	..	..	..	..	..	4	..	..	4	..	..	..	..	..
Do. West	..	..	21	..	..	21	..	..	..	..	..	..	..	..	..	..
Cuddapah, North	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	111	18	..	..	129	..	4	..	..	4	..	..	..	..	..
Grand Total	..	42	226	21	..	289	5	106	3	1	115	(a) 2	(a) 34	..	..	36
(a) Square timber.																

(a) Square timber.

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1931-32 and Agency of Exploitation—cont.

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SECOND CIRCLE—cont.

I. Reserved Forests

—cont.

Division.	Miscellaneous.				Total timber.				Fuel.				Total outturn.			
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
SECOND CIRCLE—cont.																
I. Reserved Forests																
—cont.																
Anantapur	..	..	..	..	..	..	12	1	..	13	4	219	..	..	223	236*
Kurnool, East	..	..	..	..	..	..	1	..	..	6	..	25	..	..	25	31*
Do. South	..	2	..	..	2	40	193	3	1	237	2	277	..	1	280	517*
Do. West	..	..	..	..	..	6	47	2	..	54	76	862	..	..	938	992*
Cuddapah, North	..	16	2	..	19	1	16	2	..	19	13	1,971	..	..	1,984	2,003*
Do. South	2	23	2	..	27	2	23	2	..	27	254	4,019	..	..	4,303	4,330*
Total	4	41	4	..	49	53	292	10	1	356	349	7,403	..	1	7,753	8,109
II. Leased Forests—Nil.																
III. Reserved Lands—Nil.																
IV. Unreserved Lands																
—cont.																
Anantapur	..	..	..	..	..	..	87	6	..	93	..	55	..	..	55	148†
Kurnool, East	..	..	..	..	..	..	3	12	..	15	..	6	..	..	6	21†
Do. South	..	..	..	..	..	..	4	..	..	4	..	10	..	..	10	14†
Do. West	..	..	..	..	..	..	21	..	..	21	..	41	..	..	41	62†
Cuddapah, North	..	4	..	..	4	..	4	..	..	4	..	7	..	..	7	11†
Do. South	..	1	..	..	1	..	1	..	..	1	..	2	..	..	2	3†
Total	..	5	..	..	5	..	120	18	..	138	..	121	..	..	121	259
Grand Total	4	46	4	..	54	53	412	28	1	494	349	7,524	..	1	7,874	8,368

* 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.

FOREST DEPARTMENT

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Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1931-32 and Agency of Exploitation—cont.

Division.	Timber in the rough, logs.			Timber in the rough, poles.			Sawn or square timber.		
	(1)	(2) Government.	(3) Purchasers.	(4) Free grantees.	(5) Right holders.	(6) Total.	(7) Government.	(8) Purchasers.	(9) Total.
FOURTH CIRCLE.									
I. Reserved Forests.									
Chittoor	..	..	..	..	..	..	..	..	..
Vellore	..	..	..	..	..	..	..	..	..
Salem, North	..	(c) ..	..	..	..	..	..	..	..
Do. Central	..	..	3	..	..	3	..	..	..
Do. South	..	..	..	..	..	..	..	..	..
Total	..	..	3	..	..	3	..	..	..
II. Leased Forests—Nil.									
III. Reserved Lands									
IV. Unreserved Lands.									
Chittoor	..	..	..	..	..	..	..	..	..
Vellore	..	..	..	..	..	..	..	..	..
Salem, North	..	..	..	..	..	..	..	..	..
Do. Central	..	..	25	..	..	25	..	..	..
Do. South	..	..	..	..	..	..	..	..	..
Total	..	..	25	..	..	25	..	..	..
Grand Total	..	..	28	..	..	28	..	..	..

Government Agency.—Based on actuals.

Reserves.—Timber and fuel.—Purchasers.—Chittoor and Central Salem.—Based on actuals.

Vellore and North Salem.—Actuals based on contractor's accounts.

(c) Timber less than 500 cubic feet. Hence ignored.

ANNUAL REPORT OF THE

FOREST DEPARTMENT

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1931-32 and Agency of Exploitation—cont.

Division.	Miscellaneous.			Total timber.			Fuel.		
	(17) Government.	(18) Purchasers.	(19) Free grantees.	(20) Right holders.	(21) Total.	(22) Government.	(23) Purchasers.	(24) Free grantees.	(25) Right holders.
FOURTH CIRCLE—cont.									
I. Reserved Forests									
—cont.									
Chittoor	..	1	..	..	3	2	1	..	..
Vellore	..	7	..	..	10	4	7	..	..
Salem, North	..	..	..	..	3	4	..	..	..
Do. Central	..	..	..	..	4	4	3	..	..
Do. South	..	1	..	..	1	..	1	..	..
Total	..	9	..	..	21	14	12	..	..
II. Leased Forests—Nil.									
III. Reserved Lands—Nil.									
IV. Unreserved Lands—cont.									
Chittoor	..	18	4	..	22	..	18	4	..
Vellore	..	84	16	..	100	..	84	16	..
Salem, North	..	..	5	..	7	2	23	5	..
Do. Central	..	215	4	..	219	..	240	4	..
Do. South	..	76	4	..	80	..	76	4	..
Total	..	393	33	..	428	2	441	33	..
Grand Total	..	402	33	..	449	16	453	33	..

South Salem.—Timber.—Calculated on money value at 7½ annas per cubic foot and fuel based on actuals furnished by coupe contractors.

Unreserved Lands.—Purchasers.—Timber and fuel.—Based on money value obtained by sale in all divisions.

Chittoor.—Timber at 3 annas per cubic foot and fuel at 1½ annas per cubic foot.

Note.—(a) Represents sandalwood less than 500 cubic feet. Hence ignored.

(b) Represents sandalwood

Sandalwood two quarters = One cubic foot.

Charcoal 1 cubic foot = 6 cubic feet of fuel.

Vellore.—Timber at 2 annas per cubic foot and fuel at one anna per cubic foot.

Central and South Salem.—Timber at 4 annas per cubic foot and dead tree and fuel at one anna per cubic foot.

Free grantees.—Palmyra trees—

Chittoor.—Twenty cubic feet per tree.

Vellore.—Ten cubic feet per tree.

South and Central Salem.—Seven cubic feet per tree.

Division.	Miscellaneous.			Total timber.			Fuel.		
	(17) Government.	(18) Purchasers.	(19) Free grantees.	(20) Right holders.	(21) Total.	(22) Government.	(23) Purchasers.	(24) Free grantees.	(25) Right holders.
FOURTH CIRCLE—cont.									
I. Reserved Forests									
—cont.									
Chittoor	..	1	..	..	3	13	703	..	..
Vellore	..	7	..	..	11	25	502	..	..
Salem, North	..	..	..	..	4	9	144	..	..
Do. Central	..	..	..	..	7	25	231	..	..
Do. South	..	1	..	..	1	18	167	..	..
Total	..	9	..	..	26	90	1,747	..	..
II. Leased Forests—Nil.									
III. Reserved Lands—Nil.									
IV. Unreserved Lands—cont.									
Chittoor	..	18	4	..	22	..	24	..	..
Vellore	..	84	16	..	100	..	213	..	..
Salem, North	..	..	5	..	30	..	10	..	..
Do. Central	..	215	4	..	244	..	65	..	..
Do. South	..	76	4	..	80	..	69	..	..
Total	..	393	33	..	476	..	381	..	..
Grand Total	..	402	33	..	502	90	2,128	..	..

South Salem.—Timber.—Calculated on money value at 7½ annas per cubic foot and fuel based on actuals furnished by coupe contractors.

Unreserved Lands.—Purchasers.—Timber and fuel.—Based on money value obtained by sale in all divisions.

Chittoor.—Timber at 3 annas per cubic foot and fuel at 1½ annas per cubic foot.

Note.—(a) Represents sandalwood less than 500 cubic feet. Hence ignored.

(b) Represents sandalwood

Sandalwood two quarters = One cubic foot.

Charcoal 1 cubic foot = 6 cubic feet of fuel.

Vellore.—Timber at 2 annas per cubic foot and fuel at one anna per cubic foot.

Central and South Salem.—Timber at 4 annas per cubic foot and dead tree and fuel at one anna per cubic foot.

Free grantees.—Palmyra trees—

Chittoor.—Twenty cubic feet per tree.

Vellore.—Ten cubic feet per tree.

South and Central Salem.—Seven cubic feet per tree.

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1931-32 and Agency of Exploitation—*cont.*

Division.	Timber in the rough, logs.						Timber in the rough, poles.						Sawn or square timber.			
	(1)	(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.
FIRM CONCERN.																
I. Reserved Forests.																
Kollegal	..	1	..	..	..	1	..	..	..	..	6	..	..	..	..	..
Coimbatore, North	..	(d) 69	(e) 62	..	..	131	..	..	..	..	..	(f) 83	..	..	..	83
Do. South	..	(4) 1	6	..	..	6	..	..	..	..	1	(g) 1	..	..	..	1
Madura	..	..	..	..	..	..	..	..	..	..	..	(h) 3	..	..	..	..
Tinnevely	..	..	..	..	..	..	..	1	..	..	1	(k) 9	..	..	..	12
Total	..	71	67	..	..	138	..	1	..	..	8	87	9	..	..	96
II. Landed Forests.																
Nil.																
III. Reserved Lands.																
Nil.																
IV. Unreserved Lands.																
Kollegal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Coimbatore, North	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevely	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grand Total	..	71	67	..	..	138	..	7	1	..	8	87	9	..	..	96

(d) Timber relating to Mount Stuart commercial concern .. 37,749 c.ft.

Non-commercial area timber relating to Panachi Range .. 28,644

Do. do. Ulandi Range .. 2,575

Do. do. Polachi Range .. 82

68,950

(e) Timber cut and removed from Ulandi Range .. 61,667

Top ends Ulandi Range .. 470

62,037

(f) Squatted timber—Mount Stuart commercial concern .. 36,092 *

Non-commercial area—Panachi .. 4,008 *

39,100

* Represents outturn of timber directly obtained by squaring.
Sawn timber.—Valparai sleeper project 10,248 B. G. sleepers .. 33,804 †
5,124 M. G. sleepers .. 8,326 †
Red cedar scantlings .. 2,138 †

44,268

† Obtained from the gross yield of 85,827 c.ft. of timber.
‡ Represents outturn of timber directly sawn.

(i) Three hundred and twenty c.ft. omitted being less than 1,000 c.ft.

(j) Represents 612 c.ft. of sawn timber obtained from 636 c.ft. in round.

(k) Represents sawn timber. } The gross timber from which sawn quantities was obtained is 16,414 c.ft.

Government = 2,741 c.ft. } Factor of conversion.

Purchasers = 8,990 c.ft. }

Sandalwood 2 quarters = 1 c.ft.

Unreserved lands.

North Coimbatore and Kollegal. Miscellaneous timber: 2 annas = 1 c.ft.

Kollegal: Fuel 1/2 anna = 1 c.ft.

North Coimbatore: Fuel 1/2 anna = 1 c.ft.

South Coimbatore: Miscellaneous timber 1/2 annas = 1 c.ft.

Fuel 1 anna = 1 c.ft.

Tinnevely and Madura: Timber and fuel = 1 anna = 1 c.ft.

Tinnevely: 1 palmyra tree = 10 c.ft.

The District Forest Officers have certified that the net result of all exploitation agencies have been added to the district figures.

STATEMENT OF CUBIC FEET, SOLID OF TIMBER AND FUEL DURING THE YEAR 1931-32 AND AGENCY OF EXPLOITATION—cont.

Division.	Total timber.					Fuel.				
	Government.	Purchasers.	Free Grantees.	Right-holders.	Total.	Government.	Purchasers.	Free Grantees.	Right-holders.	Total.
Fifth Circle—cont.										
I. Reserved Forests—cont.										
Kollegal ..	(a) 4	5	..	..	9	4	5	..	..	9
Coimbatore, North ..	(b) 10	6	(c) ..	..	16	17	6	..	..	23
Do. South ..	(g) 9	3	..	..	12	161	65	..	..	226
Madura ..	..	10	..	..	10	2	10	..	..	12
Tinnevely ..	..	33	..	..	33	4	48	..	..	52
Total ..	23	57	..	..	80	188	134	..	..	322
II. Leased Forests—Nil.										
III. Reserved Lands—Nil.										
IV. Unreserved Lands—cont.										
Kollegal ..	..	8	..	..	8	..	8	..	..	8
Coimbatore, North ..	..	37	4	..	41	..	37	..	..	41
Do. South ..	..	4	1	..	5	..	4	..	..	5
Madura ..	..	97	3	..	100	..	97	..	..	100
Tinnevely ..	..	..	19	..	19	..	..	..	..	19
Total ..	..	146	27	..	173	..	146	27	..	173
Grand Total ..	23	203	27	..	253	188	280	27	..	495
(a) Denotes sandalwood.										
(b) Includes 3,860 c.ft. of sandalwood received from Kollegal and 78 c.ft. from the Nilgiris.										
(c) Forty-five cubic feet omitted being less than 1,000 c.ft.										
(g) Mount Stuart commercial concern—254 sets of spokes and fellos = 2,794										
Non-commercial area—Punachi 42 sets of spokes and fellos.. = 420										
Brake poles (No. 2,685) = 5,370										
8,584										

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1931-32 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.
SIXTH CIRCLE.															
I. Reserved Forests.															
Mangalore, North ..	13	..	..	..	13	..	..	..	..	..	..	..	..	..	..
Do. South ..	39	..	..	..	39	..	..	..	..	..	..	..	..	..	..
Wynad ..	65	..	..	..	65	8	..	..	..	8	(b) 76	..	..	..	(b) 76
Nilambur ..	107	2	..	..	109	38	..	..	..	38	..	(c) 1	..	..	(c) 1
The Nilgiris ..	(a) 4	..	..	..	4	..	..	..	..	..	..	..	..	..	..
Palghat ..	129	49	..	..	178	1	..	..	..	1	..	..	..	..	..
Total ..	557	51	..	..	408	47	..	..	..	47	75	1	..	..	76
II. Leased Forests.															
Nilambur ..	143	..	..	..	143	25	..	..	..	25	..	(c) 1	..	..	(c) 1
III. Reserved Lands—Nil.															
IV. Unreserved Lands.															

(a) Includes 204 c.ft. of sandalwood of North Mangalore division, 743½ c.ft. of sandalwood of the Nilgiris division and 100 c.ft. of sandalwood of South Mangalore division. (Factor of conversion 2 qr. = 1 c.ft.)
 (b) Rough squared timber; the quantity represents the outturn after measurement of the logs after rough squaring.
 (c) Sleepers, spokes and fellos bawn out of top ends and rejections and they represent the net outturn.

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1931-32 and Agency of Exploitation—*cont.*

Division.	Miscellaneous.				Total timber.				Fuel.				Total outturn.			
	Government.	Purchasers.	Free Grantees.	Right-holders.	Total.	(20)	(21)	Government.	Purchasers.	Free Grantees.	Right-holders.	Total.				
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
SIXTH CIRCLE— <i>cont.</i>																
I. Reserved Forests— <i>cont.</i>																
Mangalore, North ..	(a) 1	17	..	..	18	(a) 13	17	..	..	30	2	887	..	..	889	919
Do. South ..	..	4	..	..	4	39	4	..	..	43	8	124	..	..	132	175
Wynad ..	..	1	..	..	1	148	1	..	..	149	..	..	..	..	..	149
Nilambur ..	..	..	..	..	..	145	3	..	..	148	..	5	..	..	5	153
The Nilgiris ..	..	..	..	..	..	(a) 4	..	..	..	4	(d) 472	173	..	..	645	649
Palghat ..	..	..	..	..	..	130	49	..	..	179	..	422	..	..	422	601
Total ..	1	22	..	..	23	479	74	..	..	553	482	1,611	..	..	2,093	2,646
II. Leased Forests— <i>cont.</i>																
Nilambur ..	..	..	..	..	..	168	1	..	..	169	..	6	..	..	6	175
III. Reserved Lands— <i>Nil</i>																
IV. Unreserved Lands— <i>cont.</i>																

(a) Includes 204 c.ft. of sandalwood of North Mangalore division, 743½ c.ft. of sandalwood of the Nilgiris division and 100 c.ft. of sandalwood of South Mangalore division. (Factor of conversion 2 qrs. = 1 c.ft.)

(d) Six thousand and seventy-seven bags of charcoal were manufactured by burning 435 lots of 52,200 c.ft. of fuel.

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1931-32 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.
(1)															
SIXTH CIRCLE—cont.															
IV. Unreserved Lands—cont.															
The Nilgiris ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palghat ..	..	8	..	..	8	..	..	..	..	..	..	..	..	..	..
Total ..	118	8	..	..	126	..	..	..	..	..	..	..	..	..	..
Grand Total ..	618	59	..	..	677	72	..	..	..	72	75	2	..	..	77
TOTAL PRESIDENCY.															
Reserves ..	486	460	20	39	1,005	64	233	4	1	302	164	44	..	..	208
Leased forest ..	143	..	..	..	143	25	..	..	..	25	..	1	..	..	1
Unreserved lands ..	120	219	47	..	386	3	94	3	..	100	..	..	..	..	..
Total ..	749	679	67	39	1,534	92	327	7	1	427	164	45	..	..	209

Outturn (in thousands of cubic feet, solid) of Timber and Fuel during the year 1931-32 and Agency of Exploitation—cont.

Division.	Miscellaneous.					Fuel.				
	Government.	Purchasers.	Free Grantees.	Right-holders.	Total.	Government.	Purchasers.	Free Grantees.	Right-holders.	Total.
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
SIXTH CIRCLE—cont.										
IV. Unreserved Lands—cont.										
The Nilgiris	..	..	..	..	..	..	..	..	..	..
Palghat ..	..	..	..	..	..	..	..	..	..	..
Total ..	..	34	3	16	53	118	42	3	16	179
Grand Total ..	..	56	3	16	75	765	117	3	16	901
TOTAL PRESIDENCY.										
Reserves ..	41	135	4	..	180	755	872	28	40	1,695
Leased Forest ..	..	..	..	..	..	188	1	..	..	189
Unreserved lands ..	2	599	84	16	701	125	912	134	16	1,187
Total ..	43	734	88	16	881	1,048	1,785	162	56	3,051
										(b) + 61 (c) + 75 3,187

(a) The total outturn excludes the figures for Parlakimedi Mulahs (i.e., 47 cubic feet of timber and 128 cubic feet of fuel).
(b) Represents the log equivalent of sawn timber.
(c) Do. square timber.

NOTE.—

GOVERNMENT AGENCY—Actuals.

PRIVATE AGENCY.—

Forest Department.—Based on figures furnished by contractors.

REVENUE DEPARTMENT.—

North and South Mangalore.—Based on taluk accounts and also in the case of fuel by conversion of money value at 10 annas per cart-load of 20 c.ft.

Wynaad.—Money value converted at 6 annas per cubic foot for timber and 8 annas per cart-load of 20 c.ft. for fuel.
The Nilgiris.—Converted from money value at 4 annas per cart-load of 20 c.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.

ANNUAL FORM No. 36.

Forest Department, Madras Presidency.

Outturn of Minor Forest Produce during the year 1931-32.

Produce removed or utilized.

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.
	Reserved Forests.					
	Bamboos	121	64,305	1,172	..	65,598
	Grazing	..	1,01,754	15,180	625	1,17,559
	Other produce.					
	Grass (hay, thatch, etc.) ..	31	1,014	..	..	1,045
	Tamarind, soapnuts, galnuts, nux-vomica, shekoi, etc.	8,108	4,369	..	..	12,477
	Horns, skins, wax, resin, gum, honey, etc.	..	115	..	..	115
	Tangedu, etc., barks and fibres, sarasaparilla, etc.	534	2,703	..	..	3,237
	Date and palmyra leaves, stalks, moduga leaves, etc.	..	147	..	..	147
	Manure leaves, thorns, etc. ..	..	252	..	..	252
	Stone, gravel, etc.	..	479	..	..	479
	Lease of shandies	..	6,100	..	..	6,100
	Miscellaneous	1,730	1,227	..	335	3,292
	Total, Other produce ..	10,403	16,406	..	335	27,144
	Total, Reserved Forests ..	10,524	1,82,465	16,352	960	2,10,301
	Reserved Lands.					
	Bamboos	..	25,376	..	..	25,376
	Other produce.					
	Grass (hay, thatch, etc.) ..	..	..	..	..	..
	Tamarind, soapnuts, galnuts, nux-vomica, shekoi, etc.	..	20,186	..	..	20,186
	Horns, skins, wax, resin, gum, honey, etc.	..	59	..	..	59
	Tangedu, etc., barks and fibres, sarasaparilla, etc.	..	197	..	..	197
	Date and palmyra leaves, etc. ..	..	294	..	..	294
	Miscellaneous	..	105	..	..	105
	Total, other produce ..	..	20,841	..	..	20,841
	Total, Reserved Lands ..	..	46,217	..	..	46,217
	Unreserved.					
	Bamboos	23	4,699	..	..	4,722

First Circle.

Outturn of Minor Forest Produce during the year 1931-32—cont.

Produce removed or utilized.

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.
First Circle—cont.	<i>Other produce.</i>	RS.	RS.	RS.	RS.	RS.
	Grass (hay, thatch, etc.) ..	12	129	..	..	141
	Tamarind, soapnuts, galnuts, nux-vomica, shekoi, etc.	138	4,247	..	..	4,385
	Horns, skins, wax, resin, gum, honey, etc.	..	61	..	..	61
	Tangedu, barks and fibres, sarasaparilla, etc.	..	103	..	..	103
	Date and palmyra leaves, stalks and moduga, etc., leaves.	..	297	395	..	692
	Manure leaves, thorns, etc.	..	86	..	..	86
	Stone, gravel, etc.	..	490	..	..	490
	Tree owners' fees ..	..	39,377	..	..	39,377
	Miscellaneous ..	87	2,592	..	..	2,679
Second Circle.	Total, other produce ..	237	47,382	395	..	48,014
	Total, Unreserves ..	260	52,081	395	..	52,736
	<i>Abstract.</i>					
	Bamboos ..	144	94,380	1,172	..	95,696
	Grazing ..	..	1,01,754	15,180	625	1,17,559
	Other minor produce ..	10,610	81,629	395	335	95,999
	Total ..	10,784	2,80,763	16,747	960	3,02,254
	<i>Reserves.</i>					
	Bamboos ..	260	58,517	227	1	59,005
	Grazing ..	..	1,47,537	..	3,985	1,51,522
Second Circle.	Fodder grass ..	..	2,153	..	..	2,153
	Penning fees ..	..	3,700	..	..	3,700
	Total ..	..	1,53,390	..	3,985	1,57,375
	<i>Minor forest produce.</i>					
	Grass (hay, thatch, etc.) ..	69	386	22	..	477
	Tamarind, soapnuts and nux-vomica.	..	1,858	..	..	1,858
	Stone, gravel and earth ..	..	4,403	..	..	4,403
	Date, palmyra and plate leaves ..	..	1,599	..	..	1,599
	Manure leaves, bats' dung and thorns.	..	2,147	..	1	2,148
	Tooki leaves ..	..	5,306	..	..	5,306
Second Circle.	Horns, honey, wax, resin, gum and galnuts.	..	2,276	..	..	2,276
	Tangedu, rela, yepi and seeds ..	50	10,622	..	..	10,672
	Miscellaneous including tree- tapping fees and amaroxy.	..	1,483	..	..	1,483
	Total of minor forest produce.	119	30,080	22	1	30,222
	Grand total of grazing and minor forest produce of Reserves.	119	1,83,470	22	3,986	1,87,597

Outturn of Minor Forest Produce during the year 1931-32—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.
		RS.	RS.	RS.	RS.	RS.
Second Circle—cont.	<i>Unreserves.</i>					
	Bamboos ..	..	8	..	..	8
	<i>Minor forest produce.</i>					
	Thatch grass and palmyra leaves.	..	1	..	..	1
	Tamarind, soapnuts and nux- vomica.	..	1,876	..	..	1,876
	Stone, gravel and earth ..	..	2,967	..	..	2,967
	Date, palmyra and plate leaves.	..	101	107	..	208
	Manure leaves, bats' dung and thorns.	..	80	..	..	80
	Tangedu, rela, and yepi seeds ..	..	1,09,703	..	..	1,09,703
	Tooki leaves ..	..	2,568	..	..	2,568
Fourth Circle.	Miscellaneous including tree- tapping fees.	..	1,23,614	..	..	1,23,614
	Total of minor forest produce of Unreserves.	..	2,40,910	107	..	2,41,017
	Grand total of bamboos of Reserves and Unreserves.	260	58,525	227	1	59,013
	Grand total of grazing and minor forest produce of Reser- ves and Unreserves.	119	4,24,380	129	3,986	4,28,614
	<i>Reserved Forests.</i>					
	Bamboos ..	49	1,21,872	166	..	1,22,067
	Grass and grazing ..	..	1,62,830	..	139	1,62,969
	<i>Other minor produce.</i>					
	Avaram, konnai, etc., barks ..	..	4,188	..	..	4,188
	Date, palmyra, tooki plate, etc., leaves.	..	1	..	..	1
Fourth Circle.	Manure leaves ..	..	6,122	..	..	6,122
	Stone, gravel, sand, etc. ..	..	3,011	..	..	3,011
	Soapnuts, galnuts, tamarind and nux-vomica.	..	2,643	..	..	2,643
	Lac ..	280	..	..	..	280
	Miscellaneous ..	818	16,560	24	..	17,402
	Total ..	1,098	32,525	24	..	33,647
	<i>Reserved Lands.</i>					
	Stone, gravel, etc. ..	..	5	..	..	5
	Manure leaves ..	..	828	..	..	828
	Total ..	..	833	..	..	833
Fourth Circle.	<i>Unreserves.</i>					
	Bamboos ..	..	23	174	..	197

Outturn of Minor Forest Produce during the year 1931-32—cont.

Circle.	Description of produce.	Produce removed or utilized.				
		By Govern- ment agency.	By purcha- sers.	By free grantees.	By right- holders.	Total.
		Value. Rs.	Value. Rs.	Value. Rs.	Value. Rs.	Value. Rs.
Fourth Circle—cont.	<i>Other produce.</i>					
	Avaram, konnai, etc., barks ..	..	2,452	..	..	2,452
	Date, palmyra, tooki plate, etc. ..	..	2,790	147	..	2,937
	Manure leaves	..	694	..	..	694
	Stone, gravel, sand, etc. ..	..	4,651	..	..	4,651
	Miscellaneous including tree tapping fees. ..	..	65,987	64	..	66,051
	Total ..	..	76,574	211	..	76,785
	<i>Abstract.</i>					
	Bamboos	49	1,21,895	340	..	1,22,284
	Grass and grazing	..	1,62,830	..	139	1,62,969
	Other produce	1,098	1,09,932	235	..	1,11,265
	Total ..	1,147	3,94,657	575	139	3,96,518
Fifth Circle.	<i>Reserved Forests.</i>					
	Bamboos	..	35,461	..	..	35,461
	Grazing	..	1,12,022	15	1,637	1,13,674
	Fodder grass	..	1,109	..	..	1,109
	Total ..	..	1,13,131	15	1,637	1,14,783
	<i>Other produce.</i>					
	Tamarind, gallnuts, soapnuts, cardamoms, dammer, jack, etc. ..	2,283	24,393	..	..	26,676
	Avaram, konnai, pungan seeds. ..	..	5,376	..	..	5,376
	Date leaves, korai grass, kaya leaves, manure leaves, usufructs of palmyra, etc. ..	..	6,047	..	..	6,047
	Stones, gravel, tree moss, usufructs of trees, metal and rough stone. ..	..	6,429	..	610	7,039
	Deer horns, sambur horns, honey, shekoi, wax, tusks, etc. ..	683	1,370	..	..	2,053
	Miscellaneous	..	4,611	..	..	4,611
	Total ..	2,966	48,226	..	610	51,802
	<i>Unreserved Lands.</i>					
	Bamboos	..	5	..	..	5
	<i>Other produce.</i>					
	Avaram, konnai, amroy ..	..	3,043	..	..	3,043
	Sivajama tree tax, fees on trees, stones, gravel, limestone, etc. ..	..	5,755	..	..	5,755
	Usufructs of trees, palmyras, tamarind, gallnuts, etc. ..	..	9,634	..	..	9,634

Outturn of Minor Forest Produce during the year 1931-32—cont.

Circle.	Description of produce.	Produce removed or utilized.				
		By Govern- ment agency.	By purcha- sers.	By free grantees.	By right- holders.	Total.
		Value. Rs.	Value. Rs.	Value. Rs.	Value. Rs.	Value. Rs.
Fifth Circle—cont.	<i>Other produce—cont.</i>					
	Kaya leaves, korai grass, manure leaves sambur and fodder grass ..	..	4,786	..	..	4,786
	Miscellaneous	..	3,984	2	..	3,986
	Total ..	..	27,202	2	..	27,204
	<i>Abstract.</i>					
	Bamboos	..	35,466	..	15	35,481
	Grazing and fodder grass ..	2,966	1,13,131	2	1,637	1,17,136
	Other produce	..	75,428	..	610	76,038
	Total ..	2,966	2,24,025	17	2,247	2,29,255
	<i>Reserved Forests.</i>					
Sixth Circle.	Bamboos	6,419	19,533	11	..	24,963
	Grazing and fodder grass ..	275	28,036	248	..	28,559
	<i>Other produce.</i>					
	Stones, gravel, etc. ..	..	2,754	..	2	2,756
	Canes	6	323	..	..	329
	Wood oil	..	350	..	..	350
	Catechu trees	..	2,750	..	..	2,750
	Cardamom	..	2,415	..	..	2,415
	Other items including tusks, etc. ..	705	15,794	5	..	16,504
	Total ..	711	24,386	7	..	25,104
	Total, Reserves ..	6,405	71,955	266	..	78,626
	<i>Reserved Lands.</i>					
	Bamboos	..	93	..	..	93
	Canes, etc.	..	1	..	..	1
	Grazing and fodder grass ..	..	..	588	..	588
	Total, Reserved Lands ..	..	94	588	..	682
	<i>Leased Forests.</i>					
	Bamboos	1,138	1,164	..	..	2,302
	Other minor produce	..	200	..	..	200
	Total, Leased Forests ..	1,138	1,364	..	..	2,502
	<i>Unreserved Lands.</i>					
	Bamboos	..	44	..	..	44

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Outturn of Minor Forest Produce during the year 1931-32—cont.

Produce removed or utilized.

Description of produce.	By Govern- ment agency.	By pur- chasers.	By free grantees.	By right- holders.	Total.
	Value. Rs.	Value. Rs.	Value. Rs.	Value. Rs.	Value. Rs.
<i>Other produce.</i>					
Stones, gravel, etc.	..	820	..	..	820
Other items	..	5,021	..	..	5,021
Total, Unreserved Lands ..	..	5,885	..	..	5,885
<i>Abstract.</i>					
Bamboos	6,557	20,834	11	..	27,402
Grazing and fodder grass ..	275	28,036	836	..	29,147
Other produce	711	30,428	7	..	31,146
Grand total	7,543	79,298	854	..	87,695
<i>Reserved Forests.</i>					
Bamboos	..	4,022	163	125	4,310
Grazing	..	1,358	..	..	1,358
Other produce	209	13,609	37	15	13,870
Total	209	18,989	200	140	19,538
<i>Reserved Lands.</i>					
Bamboos	5,819	2,99,688	1,576	1	3,07,114
Grazing	275	5,59,141	15,443	6,386	5,81,245
Other produce	15,297	1,51,623	53	916	1,67,919
<i>Unreserved Lands.</i>					
Bamboos	..	29,491	163	125	29,779
Grazing	..	1,358	588	..	1,946
Other produce	209	35,284	37	15	35,545
<i>Leased Forests.</i>					
Bamboos	1,138	1,164	..	..	2,302
Grazing	..	200	..	..	200
Other produce	7,010	3,35,122	1,913	126	3,44,171
Bamboos	275	5,50,499	16,031	6,386	5,83,191
Grazing	15,743	5,85,020	805	961	6,02,529
Other produce	..	..	..	..	..
Total	23,028	14,80,641	18,749	7,473	15,29,891

ANNUAL FORM No. 37.

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 1931-32.

Name of district.	Balance at commence- ment 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.
<i>BAMBOOS (IN NUMBER).</i>					
<i>First Circle.</i>					
Ganjam	..	2,329	2,329	(b) 2,329	..
Vizagapatam	150	640	790	(b) 790	..
Godavari, Upper	2,100	6,163	8,263	(a) 2,100 (b) 6,163	..
Do. Lower	..	2,150	2,150	(a) 2,000 (b) 150	..
Guntur	..	818	818	(b) 818	..
Nellore	..	..	..	..	..
Total	2,250	12,100	14,350	14,350	..
<i>Second Circle.</i>					
Anantapur	..	200	200	(b) 200	..
Kurnool, East	..	26,847	26,847	(a) 25,580 (b) 1,267	..
Do. South	..	60	60	(b) 60	..
Do. West	..	739	739	(a) 300 (b) 200	239
Cuddapah, North	..	1,700	1,700	(b) 1,700	..
Do. South	..	260	260	(b) 260	..
Total	..	29,806	29,806	29,567	239
<i>Fourth Circle.</i>					
Chittoor	..	1,127	1,127	1,127	..
Vellore	..	1,200	1,200	1,200	..
Salem, North	..	..	..	..	..
Do. Central	..	285	285	285	..
Do. South	..	..	..	..	..
Total	285	2,327	2,612	2,612	..
<i>Fifth Circle.</i>					
Coimbatore, North	..	1,000	1,000	1,000	..
Do. South	..	1,435	1,435	1,435	..
Total	..	2,435	2,435	2,435	..

Note for the First and Second Circles.—(a) Sold departmentally. (b) Used departmentally.

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 1931-32—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.
Sixth Circle.					
BAMBOOS (IN NUMBER).					
Mangalore, North ..	..	100	100	(a) 100	..
Do. South ..	..	4,437	4,437	(a) 4,437	..
Wynaad ..	..	16,831	16,831	(a) 16,806	525
Nilambur ..	(d) 34,936	77,330	112,266	(b) 99,131	189
				(a) 3,031	
				(b) 9,915	
				(c) 12,362	4,387
Palghat ..	4,943	11,806	16,749		
Total ..	39,879	110,504	150,383	1,45,282	5,101
Grand total, Presidency ..	42,414	1,57,172	1,99,586	1,94,246	5,340
First Circle.					
TIMBER (IN THOUSANDS OF CUBIC FEET).					
Ganjam ..	36	..	36	(a) 36	..
Vizagapatam ..	..	7	7	(a) 7	..
Godavari, Upper ..	84	11	95	(a) 87	6
Do. Lower ..	3	7	10	(b) 2	8
Guntur ..	..	..	..	(a) 2	..
Nellore ..	..	..	..	..	..
Total ..	123	25	148	134	14
Second Circle.					
Anantapur ..	..	..	..	..	..
Kurnool, East ..	1	5	6	{ (a) 3 } (b) 1	2
Do. South ..	3	40	43	(a) 21	22
Do. West ..	2	5	7	(a) 4	3
Cuddapah, North ..	..	1	1	(a) 1	..
Do. South ..	..	2	2	(a) 2	..
Total ..	6	53	59	32	27
Fourth Circle.					
Chittoor ..	..	2	2	2	..
Vellore ..	11	4	15	13	2
Salem, North ..	1	6	7	4	3
Do. Central ..	..	4	4	4	..
Do. South ..	1	..	1	1	..
Total ..	13	16	29	24	5
Fifth Circle.					
Kollegal ..	..	(a) 4	4	4	..
Coimbatore, North ..	3	(a) 17	20	18	2
Do. South ..	..	..	..	..	..
Non-commercial area ..	12	41	53	(b) 38	(c) 15
Commercial ..	131	130	261	107	154
Sawn timber ..	(d) 5	..	5	2	(d) 3
Valparai (scantlings) ..	..	2	2	2	..
Madura ..	1	1	2	1	1
Tinnevely ..	3	4	7	6	1
Total ..	155	199	354	178	176

Note for the Sixth Circle.—(a) Used departmentally (b) Sold. (c) Written off.
(d) Includes 26,617 bamboos on hand at Jeypore depot on 1st April 1931.
Note for the First and Second Circles.—(a) Sold departmentally. (b) Used departmentally.
Note for the Fourth Circle.—Timber includes sandalwood.

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 1931-32—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.
TIMBER (IN THOUSANDS OF CUBIC FEET)—cont.					
(SLEEPERS (IN NUMBER).					
Coimbatore, South ..	..	1,204	11,452	8,027	3,425
Valparai, B.G. ..	..	717	5,841	4,086	1,755
Sleepers, M.G. ..	..	..	..	..	..
Sixth Circle.					
TIMBER (IN THOUSANDS OF CUBIC FEET).					
Mangalore, North ..	51	31	82	(a) 38 (b) 1 (d) 1	42
Mangalore, South ..	83	140	223	(a) 115	108
Forest Utilization Officer (sawn timber).	25	24	49	38	11
Total, Mangalore, South ..	108	164	272	153	119
Wynaad ..	427	148	575	(a) 120 (b) 9 (c) 59 (e) 1 (a) 8	386
Forest Utilization Officer (sawn timber).	9	..	9	8	1
Total, Wynaad ..	436	148	584	197	387
Nilambur ..	(g) 552	313	865	(a) 406 (b) 1 (c) 13 (f) 40 (a) 13	405
Forest Utilization Officer (sawn timber).	16	..	16	13	3
Total, Nilambur ..	568	313	881	473	408
The Nilgiris ..	77	9	86	(a) 29 (c) 1	56
Palghat ..	(h) 37	130	167	(a) 154 (a) 1	13
Forest Utilization Officer (sawn timber).	1	..	1	1	..
Total, Palghat ..	38	130	168	155	13
Total, Sixth circle ..	1,278	795	2,073	1,048	1,025
Parlakimedi Maliahs ..	1	5	6	6	..
Grand total, Presidency ..	1,571	1,093	2,664	1,420	1,244

Note for the Fifth Circle.—(a) Includes sandalwood 2 quarters being equal to 1 cubic foot.
(b) Includes 166.72 cubic feet written off and 417.81 cubic feet used departmentally.
(c) Includes 757 cubic feet to be written off.
(d) Represents sawn timber in charge of the Forest Utilization Officer at Pollachi depot.
Note for the Sixth Circle.—(a) Sales. (b) Used departmentally. (c) Written off.
(d) Supplied as specimen to Dehra Dun.
(e) Difference in remeasurement eliminated.
(f) Converted into sleepers.
(g) Includes 155 thousands of cubic feet of timber on hand at Beypore depot on 1st April 1931.
(h) Includes two thousand cubic feet of timber from the Forest Engineer, Coimbatore.

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 1931-32—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>First Circle.</i>					
Ganjam	..	1,184	1,184	(b) 1,184	..
Vizagapatam	81	73	154	(a) 103	39
Godavari, Upper	373	4,234	4,607	(b) 12	433
Do. Lower	72	267	339	(a) 36	134
Guntur	15	42	57	(b) 4,138	4
Nellore	9,286	16,867	26,153	(b) 205	7,872
				(a) 15,227	
				(b) 53	
				(a) 2,676	
Total ..	9,827	22,667	32,494	24,012	8,482
<i>Second Circle.</i>					
Anantapur	54	58	112	(b) 103	9
Kurnool, East	26	3,670	3,696	(b) 3,681	15
Do. South	170	300	470	(b) 170	300
Do. West	..	321	321	(b) 214	107
Cuddapah, North	565	808	1,373	(b) 1,109	264
Do. South	48	1,298	1,346	(b) 1,140	204
				(c) 2	
Total ..	863	6,455	7,318	6,419	899
<i>Fourth Circle.</i>					
Chittoor	272	2	274	194	80
Vellore	399	611	1,010	573	437
Salem, North	367	683	1,050	701	349
Do. Central	23	90	113	23	90
Do. South	237	154	391	283	108
Total ..	1,298	1,540	2,838	1,774	1,064
<i>Fifth Circle.</i>					
Coimbatore, North	2,844	(d) 82	(d) 2,926	(d) 2,906	(d) 20
Do. South	42	(d) and (e) 70	(d) and (e) 112	(d) and (e) 59	(d) and (e) 53
Madura	..	3	3	(f)	3
Tinnevely	..	(d) and (e) 54	(d) and (e) 54	(d) and (e) 46	(d) 8
Total ..	2,886	209	3,095	3,011	84
<i>Sixth Circle.</i>					
Mangalore, North	8	8	16	10	6
Wynaad	..	3	3	..	3
The Nilgiris	10	940	950	(i) 109	189
				(j) 652	
Total ..	18	951	969	771	198
Parlakimedi Maliahs ..	14	35	49	29	20
Grand total, Presidency ..	14,906	31,857	46,763	36,016	10,747

Note for the First and Second Circles.—(a) Sold departmentally. (b) Used departmentally. (c) Written off. Note.—Timber includes sandalwood.

Note for the Fifth Circle.—(d) Includes seeds one measure being equal to one lb. (e) Includes seeds, one bag being equal to two quarters. (f) Shown as nil as only 11 lb. of Broodlac was used for inoculation.

Note for the Sixth Circle.—(i) Sold. (j) Used departmentally.

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 1931-32—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>First Circle.</i>					
Ganjam	1	20	21	(a) 18	3
Vizagapatam	..	2	2	(a) 1	1
Godavari, Upper	..	2	2	(a) 2	..
Do. Lower	24	22	46	(a) 25	21
Guntur	6	36	42	(a) 33	9
Nellore	..	7	7	(a) 3	4
Total ..	31	89	120	82	38
<i>Second Circle.</i>					
Anantapur	1	4	5	(a) 4	1
Kurnool, East	..	..	25	(a) 25	..
Kurnool, South	23	2	79	(a) 16	62
Kurnool, West	3	76	79	(b) 1	..
Cuddapah, North	21	13	34	(a) 26	6
Cuddapah, South	6	254	260	(a) 254	8
Total ..	54	349	403	326	77
<i>Fourth Circle.</i>					
Chittoor	14	13	27	16	11
Vellore	19	25	44	22	22
Salem, North	4	9	13	11	2
Salem, Central	12	25	37	19	18
Salem, South	9	18	27	16	11
Total ..	58	90	148	84	64
<i>Fifth Circle.</i>					
Coimbatore, South	11	2	13	13	..
Madura	6	5	11	10	1
Total ..	17	7	24	23	1
<i>Sixth Circle.</i>					
Mangalore, North	2	2	4	(i) 2	2
Do. South	..	8	8	(i) 650	119
The Nilgiris	349	420	769	652	129
Total ..	351	430	781	54	43
Parlakimedi Maliahs ..	56	41	97	..	..
Grand total, Presidency ..	567	1,006	1,573	1,221	352

Note for the First and Second Circles.—(a) Sold departmentally. Note for the Sixth Circle.—(i) Sold.

(b) Written off.

Statement showing the value of timber and other produce at sale depots for the year 1931-32.

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.
First Circle.									
Vizagapatam.	Timber	4	67	17	660	3,824	1,484	1,484	17
Godavari Lower.		..	..	..	..	..	..	..	..
	Total timber	4	67	17	660	3,824	1,484	1,467	..
Vizagapatam.	Fuel	..	230	4	..	600	32	32	..
Nellore		..	..	..	..	400	63	59	..
	Total fuel	..	230	4	..	1,000	95	91	..
Vizagapatam.	Minor forest produce.	..	qrs. 81	32	..	qrs. 34	18	..	14
Nellore	Do.	..	9,317	4,266	..	7,872	4,406	140	..
	Total minor forest produce.	..	9,398	4,298	..	7,906	4,424	126	..
	Grand total, First Circle.	..	..	4,319	..	..	6,003	1,584	..
Second Circle.									
Kurnool, South.	Timber	..	3,112	3,077	..	22,574	8,200	5,123	..
	Total	..	3,112	3,077	..	22,574	8,200	5,123	..
Kurnool, South.	Fuel	..	23,137	402	..	84	1	..	401
	Total	..	23,137	402	..	84	1	..	401
	Grand, total	..	..	3,479	..	..	8,201	4,722	..
Fourth Circle.									
Chittoor	Timber	24	45	4	47	229	206	202	..
	Fuel	..	13,732	1,287	..	10,900	1,022	..	265
	Timber	..	10,315	2,03,811	..	1,116	8,917	..	1,94,894
Vellore	Minor forest produce.	..	qrs. 275	138	..	qrs. 270	86	..	52
	Timber	..	988	3,650	..	2,979	6,746	3,036	..
Salem, North.	Fuel	..	4,000	105	..	2,484	51	..	54
	Minor forest produce.	..	qrs. 357	692	..	qrs. 349	854	162	..
	Timber	..	41	533	..	47	624	91	..
Salem, Central.	Fuel	..	12,313	548	..	18,000	549	1	..
	Minor forest produce.	..	qrs. 20	70	..	qrs. 90	119	49	..

Statement showing the value of timber and other produce at sale depots for the year 1931-32—cont.

for the year 1931-32—contd.									
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.
Fourth Circle. —cent.									
Salem, South. Timber Fuel Bamboos Minor forest produce. Total Rs. Rs. Rs. Rs. Rs. Rs. Rs. Rs. Rs. Rs.									
	Timber	..	714	1,320	..	655	1,225	..	95
	Fuel	..	8,880	162	..	10,567	276	114	30
	Bamboos	285	..	30	..	..	..	..	..
	Minor forest produce.	..	qrs. 237	162	..	qrs. 108	75	..	87
	Total	..	..	2,12,512	..	..	20,750	..	1,91,762
Fifth Circle.									
	Timber	..	2,809	56,180	..	347	347	347	..
	Sandalwood	..	..	..	..	1,485	32,670	..	23,510
	Sambur and deer horns.	qrs. 29	..	119	qrs. 15	..	41	..	78
	Gallnuts	qrs. 2,813	..	3,516	..	..	..	..	3,516
	Timber	..	49,247	56,182	..	63,156	89,362	33,180	..
	Sawn timber	..	5,507	9,400	..	3,339	3,330	..	6,070
	Spokes and felloes.	sets. 12	..	132	sets. 201	2,211	3,388	2,016	..
	Timber	..	270	95	..	416	163	58	..
	Brake-poles	no. 304	304	76	295	295	74	..	2
	Sandalwood	lb. 20	..	10	..	..	..	..	10
	Fuel	..	6,055	757	..	515	64	..	693
	Charcoal	..	44	35	..	..	..	..	35
	Seeds	mes. 547	..	27	mes. 18	..	1	..	26
	Lao	lb. 26	..	14	lb. 67	..	21	7	..
	Timber	..	3,516	4,611	..	875	209	..	4,402
	Sandalwood	..	30	825	..	(n) 31	171	..	654
	Fuel	..	460	36	..	..	..	..	36
	Seeds	..	..	..	lb. 234	..	292	292	..
	Timber	..	53,033	60,888	..	64,794	90,071	29,183	..
	Sawn timber (d)	..	5,507	9,400	..	3,339	3,330	..	6,070
	Brake-poles	304	304	76	295	295	74	..	2
	Sandalwood	..	2,839	57,015	..	1,516	32,841	..	24,174
	Spokes and felloes.	sets. 12	132	1,372	sets. 201	2,211	3,388	2,016	..
	Fuel	..	6,515	793	..	515	64	..	729
	Charcoal	..	41	35	..	..	..	..	35
	Sambur and deer horns.	qrs. 29	..	119	qrs. 15	..	41	..	78

(a) Includes quarters 34.14 lb. and 8 bags of sawwood valued at Re. 0-1-0 per quarter.
 (b) Represents sawn timber in charge of the Forest Utilization Officer at Pollachi depot.

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Statement showing the value of timber and other produce at sale depots
for the year 1931-32—cont.

District.	Description of timber or produce.	On hand at commence- ment of the year.			On hand at close of the year.			Difference in value.	
		Number.	Cubic feet.	Value. Rs.	Number.	Cubic feet.	Value. Rs.	In favour of the year.	Against the year.
Fifth Circle —cont.									
Abstract.	Gallnuts ..	QR. 2,813	..	3,516	..	..	..	..	3,516
	Seeds ..	MES. 547	..	27	MES. 18 and LB. 234	..	293	263	..
	Lao ..	LB. 26	..	14	LB. 67	..	21	7	..
	Total ..	..	..	1,33,255	..	..	1,30,123	3,132	..
Sixth Circle.									
Mangalore, North.	Timber ..	..	32,536	30,442	..	38,337	28,812	..	1,630
Mangalore, South.	Do. ..	..	28,292	34,878	..	19,994	26,450	..	8,428
Forest Utili- zation Officer.	Sawn Timber. ..	..	24,574	30,400	..	11,153	11,270	..	19,130
Total, Manga- lore, South.		..	52,866	65,278	..	31,147	37,720	..	27,558
Wynaad ..	Timber ..	..	153,223	2,87,864	..	1,65,417	3,21,421	33,557	..
Forest Utili- zation Officer.	Sawn Timber. ..	..	9,466	15,400	..	1,438	900	..	14,500
Total, Wynaad.		..	162,698	3,03,264	..	166,855	3,22,321	19,057	..
Nilambur ..	Timber ..	..	*171,118	*93,778	..	138,119	79,424	..	14,354
Palghat Forest Utiliza- tion Officer.	Sawn Timber. ..	..	1,344	1,277	..	..	..	..	1,277
Total, Palghat.		..	1,344	1,277	..	..	..	..	1,277
Total, Sixth Circle.		..	420,553	4,94,039	..	374,458	4,68,277	..	25,762

* Correct figure adopted.

Factor of conversion: Sandalwood 2 qr. = 1 c.ft. Charcoal 40 lb. = 1 c.ft.

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

1 brake pole—1 c.ft.

FOREST DEPARTMENT

Statement showing the value of timber and other produce at sale depots
for the year 1931-32—cont.

District.	Description of timber or produce.	On hand at commence- ment of the year.			On hand at close of the year.			Difference in value.	
		Number.	Cubic feet.	Value. Rs.	Number.	Cubic feet.	Value. Rs.	In favour of the year.	Against the year.
Parla- kimedi Maliahs.	Timber	356	1,230	1,727	258	283	194	..	1,533
	Fuel	564	56,400	2,256	433	43,300	1,732	..	524
	Minor forest produce.	..	13.71	538	..	22.72	136	..	402
	Timber	..	..	8,27,519	..	..	6,22,247	..	2,05,272
Total, Pre- sidency.	Fuel	..	..	5,592	..	..	3,790	..	1,802
	Minor forest produce.	..	..	9,574	..	..	6,049	..	3,525
	Bamboos	..	..	30	..	..	..	..	30
Grand Total, Presidency.		..	..	8,42,715	..	..	6,33,086	..	2,10,629

Forest Department, Madras Presidency.

Summary of Revenue of the different districts, 1931-32.

Budget head.	Direction.	Ganjam.	Visaga- patam.	Godavari, Upper.	Godavari, Lower.	Guntur.	Nellore.	Total.	Parlakimedi Mallahs.	Golconda Agency.	Grand total.
RS.	RS.	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—											
Bandalwood ..	..	..	35	..	..	..	..	35	..	..	35
Timber ..	..	2,590	4,660	29,302	488	18	..	37,058	3,157	3,043	43,258
Firewood and charcoal.	(D) 146	1,306	47	100	1,655	268	..	3,676	2,148	..	5,824
Bamboos ..	..	18	..	60	..	..	..	78	..	..	78
Other minor produce.	(N) 6,148	14	..	..	2	..	..	10,323	..	..	10,531
(b) Timber and other produce removed from the forests by consumers or purchasers—											
Forest Department—	..	..	..	..	..	..	..	..	..	..	..
Timber ..	..	4,271	138	642	10,617	601	14	16,283	6,521	752	23,556
Firewood and charcoal.	(N) 51,545	26,345	6,224	374	36,535	23,357	28,516	1,72,896	5,553	..	1,78,450
Bamboos ..	..	4,102	18,231	14,482	47,383	10,176	..	94,374	4,022	130	98,526
Grazing and fodder.	..	8,303	2,154	8,425	17,977	42,332	22,563	1,01,754	1,358	281	1,03,392
Other minor produce.	(D) 130	1,780	6100	4,362	25,472	3,997	811	42,652	13,609	700	56,961
(N) Relates to Nellore.											
(D) Direction.											

Summary of Revenue of the different districts, 1931-32—cont.

Budget head.	Direction.	Ganjam.	Visaga- patam.	Godavari, Upper.	Godavari, Lower.	Guntur.	Nellore.	Total.	Parlakimedi Mallahs.	Golconda Agency.	Grand total.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
First Circle—cont.											
VIII. Forest Receipts											
—cont.											
(b) Timber and other produce removed from the forests by consumers or purchasers—cont.											
Revenue Department—	..	..	..	..	..	..	..	..	..	..	..
Timber ..	..	7,275	1,195	..	4,763	811	1,685	15,749	..	..	15,749
Firewood and charcoal.	..	2,691	860	..	1,427	5,519	1,715	12,212	..	..	12,212
Bamboos ..	..	116	..	..	..	..	17	133	..	..	133
Other minor produce.	..	2,173	1,358	1,018	20,360	10,646	4,894	38,413	..	..	38,413
(c) Drift and waif-wood and confiscated forest produce.	..	307	74	1,143	2,250	284	185	4,243	57	1	4,301
(d) Profits from Government Commercial undertakings.											
Profits from Government Commercial undertakings.	..	..	..	..	..	..	..	..	..	..	..
Recoveries of direct charges from Government Commercial undertakings.	..	..	..	..	..	..	..	..	..	..	..

Summary of Revenue of the different districts, 1931-32—cont.

Budget head.	Direction.	Gaujam.	Vizagapatam.	Godavari Upper.	Godavari Lower.	Guntur.	Nellore.	Total.	Parlakimedi Malahs.	Golconda Agency.	Grand total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
VIII. Forest Receipts—cont.											
(G) Miscellaneous—											
Fines and forfeitures.	(N)	205	..	25	1,180	778	1,112	4,086	..	..	4,218
Rents of buildings.	(D)	45	333	1,728	1,778	365	754	6,475	187	80	6,742
Other sources ..	(D)	195	3,073	1,612	6,563	13,721	6,955	38,525	981	58	39,564
Total ..	57,415	69,778	44,680	61,237	1,78,470	1,12,873	74,512	5,98,965	37,933	5,045	6,41,913
(H) Deduct—Refunds—											
Voted—Refunds by Forest Officers.	..	1,222	322	569	202	1,356	462	4,133	81	1	4,215
Total ..	57,415	68,556	44,358	60,668	1,78,268	1,11,517	74,050	5,94,832	37,852	5,044	6,37,728
(N) Relates to Nellore.											
(D) Direction.											

Summary of Revenue of the different districts, 1931-32—cont.

Budget heads.	Direction.	Anantapur.	Kurnool, East.	Kurnool, South.	Kurnool, West.	Cuddapah, North.	Cuddapah, South.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
(a) Timber and other produce removed from forests by Government Agency—								
Other produce—	..	23	1,179	12,089	4,109	51	6,008	23,459
Timber ..	..	32	..	18	627	59	26	762
Firewood and charcoal ..	..	..	224	..	4	..	..	228
Bamboos ..	..	..	..	..	..	..	7	7
Other minor produce ..	..	..	..	..	..	..	..	..
Total (a) ..	..	55	1,403	12,107	4,740	110	6,041	24,456
(b) Timber and other produce removed from the forests by consumers or purchasers—								
Forest Department—	..	..	..	..	..	..	..	..
Timber ..	..	2,436	395	15,562	3,127	2,993	1,873	27,485
Firewood and charcoal ..	..	1,875	929	5,448	5,555	22,054	66,920	1,02,781
Bamboos ..	..	1,105	1,620	25,281	18,740	5,077	6,850	58,673
Grazing and fodder ..	..	23,561	31,407	19,065	32,443	29,811	15,123	1,54,410
Other minor produce ..	..	9,758	1,769	1,975	10,177	2,941	4,208	30,828
Total, Forest Department ..	..	38,735	36,120	68,431	70,042	62,876	94,973	3,71,177
Revenue Department—	..	..	..	..	..	..	..	..
Timber ..	..	10,841	352	531	2,596	462	391	15,173
Firewood and charcoal ..	..	3,377	388	648	2,593	443	147	7,596
Bamboos ..	..	8	..	..	..	..	..	8
Other minor produce ..	..	1,94,920	2,320	4,825	29,745	3,379	6,165	2,41,354
Total, Revenue Department ..	..	2,09,146	3,060	6,004	34,934	4,284	6,703	2,61,131
Total (b) ..	..	2,47,881	39,180	74,435	1,04,976	67,150	1,01,676	6,35,308
(c) Drift and waifwood and confiscated forest produce ..	..	146	29	511	421	386	1,071	2,594

Summary of Revenue of the different districts, 1931-32—cont.

Budget heads.	Direction.	Anantapur.	Kurnool, East.	Kurnool, South.	Kurnool, West.	Cuddapah, North.	Cuddapah, South.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
SECOND CIRCLE—cont.								
VIII. Forest Receipts—cont.								
(a) Miscellaneous—								
Fines and forfeitures	..	146	215	3,262	1,511	1,718	1,796	8,648
Rents of buildings	..	470	1,209	2,406	2,539	1,645	1,326	9,895
Other sources	..	12,172	5,437	7,127	13,588	8,096	7,260	53,763
Total (a)	..	12,788	6,861	12,795	17,638	11,459	10,382	72,006
Total	..	2,60,870	47,473	99,848	1,27,805	79,115	1,19,170	7,34,364
(b) Deduct—Refunds—Voted—								
Refunds by Forest officers	..	1,574	226	35	45	217	419	2,516
Grand Total	..	2,59,296	47,247	99,813	1,27,760	78,898	1,18,751	7,31,848

NOTE.—This return excludes the revenue of Rs. 1,138 realized in IV Circle on account of sale of sandalwood, as it will be included in the return of IV Circle.

Summary of Revenue of the different districts, 1931-32—cont.

Budget heads.	Direction.	Working Plans, Mount Stuart.	Working Plans, Mangalore.	Working Plans, Lower Godavari.	Working Plans, North Coimbatore.	Working Plans, Wynaad.	Working Plans, Palghat.	Working Provincial Plans, Sylviculturist.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
THIRD (WORKING PLANS) CIRCLE.									
VIII. Forest Receipts.									
(a) Timber and other produce removed from forests by Government Agency—									
Other produce—									
Timber	..	..	..	..	..	..	..	14	14
(c) Miscellaneous—									
Fines and forfeitures	..	..	..	..	..	..	..	5	5
Rents of buildings	..	416	..	22	15	..	20	169	622
Other sources	..	60	14	40	8	8	..	47	197
Total (a)	..	476	14	62	23	8	20	221	824
Total	..	476	14	62	23	28	20	235	838
(b) Deduct—Refunds—Voted—									
Refunds by forest officers	..	..	..	..	..	..	..	..	..
Grand Total	..	476	14	62	23	8	20	235	838

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Summary of Revenue of the different districts, 1931-32—cont.

Budget heads.	Direction.	Chittoor.	Vellore.	North Salem.	Central Salem.	South Salem.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
FOURTH CIRCLE.							
VIII. Forest Receipts.							
(a) Timber and other produce removed from forests by Government Agency—							
Sandalwood	7,186	464	1,31,514	92,494	13,371	13,780	2,58,839
Other produce—							
Timber		3,035	7	171			3,213
Firewood and charcoal		68	816	59	633	148	1,724
Bamboos			40				40
Other minor produce			138	123		1	262
Total		3,103	1,001	353	633	149	5,239
Total (a)	7,186	3,567	1,32,515	92,847	14,004	13,929	2,64,078
(b) Timber and other produce removed from the forests by consumers or purchasers—							
Forest Department—							
Timber		286	368	41	1,157		1,862
Firewood and charcoal		10,239	14,378	1,098	33,915	2,574	62,804
Bamboos		11,930	81,005	9,480	13,405	6,024	1,21,814
Grazing and fodder grass		22,453	41,308	29,668	50,989	18,432	1,62,830
Other minor produce		5,419	13,558	2,725	5,583	8,460	35,875
Total, Forest Department		50,367	1,51,317	43,012	1,05,029	35,490	3,85,215
Revenue Department—							
Timber		3,464	10,514	2,848	6,372	17,495	40,693
Firewood and charcoal		2,285	13,401	1,096	4,023	4,574	26,378
Bamboos			23				23
Other minor produce		8,855	24,090	8,236	13,494	19,849	74,525
Total, Revenue Department		14,605	48,028	12,179	23,889	41,918	1,40,619
Total (b)		64,972	1,99,345	55,191	1,28,918	77,408	5,25,834
* Sandalwood revenue relating to other circles—	RS.						
Madura	11						
Tinnevely	6,031						
Anantapur	1,049						
South Cuddapah	90						
Total							7,186
Public Works Department, Executive Engineer.							
							5

Summary of Revenue of the different districts, 1931-32—cont.

Budget heads.	Direction.	Chittoor.	Vellore.	North Salem.	Central Salem.	South Salem.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
FOURTH CIRCLE—cont.							
VIII. Forest Receipts—cont.							
(c) Drift and waifwood and confiscated forest produce		95	197	48	166	129	636
(d) Miscellaneous—							
Fines and forfeitures		1,079	2,022	832	501	568	5,002
Rents of buildings		2,356	2,452	1,130	1,317	369	7,615
Other sources		6,221	21,773	6,476	19,919	10,819	65,440
Total (d)		9,656	26,247	8,438	21,737	11,747	78,057
Total		78,291	3,58,334	1,56,524	1,64,825	1,03,213	8,68,605
(e) Deduct—Refunds—Voted—							
Refunds by forest officers		906	8,854	505	4,019	1,132	15,416
Grand Total		77,385	3,49,480	1,56,019	1,60,806	1,02,081	8,53,189

Summary of Revenue of the different districts, 1931-32—cont.

Budget heads.	Direction.	Kollegal.	Coimbatore, North.	Coimbatore, South.	Madura.	Tinnevely.	Tanjore.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
FIFTH CIRCLE.								
VIII. Forest Receipts.								
Timber and other produce removed from the forests by Government Agency—	..	..	..	..	..	..	..	(a) 1,77,446
Sandalwood ..	..	..	37,557	..	..	..	..	..
Timber ..	..	..	..	..	..	..	..	..
Firewood and charcoal ..	..	..	..	..	..	..	..	..
Bamboos ..	..	..	..	..	..	..	..	..
Other minor produce ..	..	..	..	..	..	..	..	..
Timber and other produce removed from the forests by consumers or purchasers—	..	..	..	..	..	..	..	..
Forest Department—	..	..	..	..	..	..	..	..
Timber ..	..	..	..	..	..	..	..	..
Firewood and charcoal ..	..	..	..	..	..	..	..	..
Bamboos ..	..	..	..	..	..	..	..	..
Grazing and fodder grass ..	..	..	..	..	..	..	..	..
Other minor produce ..	..	..	..	..	..	..	..	..
Revenue Department—	..	..	..	..	..	..	..	..
Timber ..	..	..	..	..	..	..	..	..
Firewood and charcoal ..	..	..	..	..	..	..	..	..
Bamboos ..	..	..	..	..	..	..	..	..
Other minor produce ..	..	..	..	..	..	..	..	..
Drift and waifwood and confiscated forest produce	..	..	..	..	..	..	..	..
Profits from Government commercial undertakings—	..	..	..	..	..	..	..	..
Miscellaneous—	..	..	..	..	..	..	..	..
Fines and forfeitures ..	..	..	..	..	..	..	..	..
Rents of buildings ..	..	..	..	..	..	..	..	..
Other sources ..	..	..	..	..	..	..	..	..
Recoveries of investments in Government commercial undertakings—	..	..	..	..	..	..	..	..
Mount Stuart Forests ..	..	..	..	..	..	..	..	..
Coimbatore, North ..	..	..	..	..	..	..	..	..
Kollegal ..	..	..	..	..	..	..	..	..
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
	63,311	..	..	..	..	..	..	1,939
	1,12,196	..	..	..	..	..	..	1,77,446

(c) The amount is distributed as follows:—

Coimbatore, North ..	RS.
Kollegal ..	63,311
	1,12,196

(b) Excludes Rs. 6,031 credited in the IV Circle.

(c) Includes Rs. 600 relating to the Nilgiris district.

(d) Excludes Rs. 380 credited in the Nilgiri district.

Summary of Revenue of the different districts, 1931-32—cont.

Budget heads.	Direction.	Kollegal.	Coimbatore, North.	Coimbatore, South.	Madura.	Tinnevely.	Tanjore.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
FIFTH CIRCLE—cont.								
VIII. Forest Receipts—cont.								
Recoveries of indirect charges from Government commercial undertakings—	..	..	..	..	..	..	..	..
Mount Stuart Forests ..	..	..	..	..	..	..	..	..
Deduct—Refunds—Voted—	..	..	..	..	..	..	..	..
Refunds by forest officers	..	..	..	..	..	..	..	..
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
	1,40,856	64,469	1,52,660	1,84,177	1,91,601	1,17,522	14,303	8,65,588
Total ..	..	..	..	..	..	..	..	..
Net Total ..	..	..	..	..	..	..	..	..

Summary of Revenue of the different districts, 1931-32—cont.

Budget heads. Direction. Mangalore, Mangalore, Wynad. The Palghat, Nilambur. Total.
North. South. Nilgiris.

SIXTH CIRCLE.

VIII. Forest Receipts.

(a) Timber and other produce removed from forests by

Government Agency—	Direction.	Mangalore, North.	Mangalore, South.	Wynad.	The Nilgiris.	Palghat.	Nilambur.	Total.
		RS.	RS.	RS.	RS.	RS.	RS.	RS.
Sandalwood	..	4,806	2,359	..	15,800	..	..	22,965
Other produce—	..	..	..	..	..	..	..	..
Timber	..	35,066	78,400	1,68,773	13,952	1,39,709	..	4,35,000
Firewood and charcoal	..	..	..	..	47,242	2	..	47,244
Bamboos	..	9	..	8	..	1,371	..	1,388
Other minor produce	..	1	7	12	486	..	..	606
Total	..	35,076	78,407	1,68,793	61,680	1,41,082	..	4,85,038
Total (a)	..	39,882	80,766	1,68,793	77,480	1,41,082	..	5,08,003

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

Forest Department—	Direction.	Mangalore, North.	Mangalore, South.	Wynad.	The Nilgiris.	Palghat.	Nilambur.	Total.
		RS.	RS.	RS.	RS.	RS.	RS.	RS.
Timber	..	140	178	226	156	77	..	776
Firewood and charcoal	..	13,711	2,667	1	5,399	48,673	..	70,451
Bamboos	..	10	486	940	2,253	15,382	1	19,072
Grazing and fodder grass	..	5,372	9,938	3,758	5,804	3,164	..	28,036
Other minor produce	..	4,061	4,000	5,238	3,146	3,054	2,264	21,768
Total, Forest Department	..	23,294	17,269	10,163	16,757	70,350	2,270	1,40,103

Revenue Department—

Forest Department—	Direction.	Mangalore, North.	Mangalore, South.	Wynad.	The Nilgiris.	Palghat.	Nilambur.	Total.
		RS.	RS.	RS.	RS.	RS.	RS.	RS.
Timber	..	6,292	7,081	1,437	169	2,067	..	17,046
Firewood and charcoal	..	6,886	1,936	456	251	2,178	..	11,707
Bamboos	..	4	40	..	10	..	..	54
Other minor produce	..	1,167	991	266	57	3,351	..	5,832
Total, Revenue Department	..	14,349	10,048	2,159	487	7,596	..	34,639
Total (b)	..	37,643	27,317	12,322	17,244	77,946	2,270	1,74,742

FOREST DEPARTMENT

Summary of Revenue of the different districts, 1931-32—cont.

Budget heads. Direction. Mangalore, Mangalore, Wynad. The Palghat, Nilambur. Total.
North. South. Nilgiris.

SIXTH CIRCLE—cont.

VIII. Forest Receipts—cont.

Profits from Government commercial undertakings.	Direction.	Mangalore, North.	Mangalore, South.	Wynad.	The Nilgiris.	Palghat.	Nilambur.	Total.
		RS.	RS.	RS.	RS.	RS.	RS.	RS.
Drift and waifwood and confiscated forest produce.	..	644	328	83	13	54	..	1,122
Total	..	..	..	..	..	..	1,50,000	1,50,000
Miscellaneous—	..	..	..	..	..	..	1,50,000	1,50,000
Fines and forfeitures	..	1	255	1,639	271	910	1	3,164
Forest College	..	892	1,310	3,303	1,648	1,756	575	11,394
Rents of buildings	..	509	6,025	9,069	9,136	8,650	947	41,285
Other sources	..	1,402	6,540	14,011	11,055	11,316	1,523	55,813
Total	..	1,402	8,115	1,95,209	(7)1,05,792	2,30,398	1,53,793	8,89,710
Deduct—Refunds—Voted—	..	..	..	..	..	..	..	..
Refunds by forest officers	..	..	357	475	395	713	..	2,889
Grand total	..	1,402	8,768	1,94,734	1,05,397	2,29,686	1,53,793	8,86,821

(a) Excludes Rs. 1,939 being sale-proceeds of Sandalwood realized in North Coimbatore division, Fifth Circle.

Summary of Expenditure of the different districts for the year 1931-32.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Ganjam.	Vizagapatnam.	Godavari, Upper.	Godavari, Lower.	Guntur.	Nellore.	Total.	Parlakimedi.	Golconda Agency.	Grand total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
8. b. Conservancy and Works.											
A. Forest produce removed by Government agency—Voted—											
Timber	..	..	1,643	1,473	623	..	..	3,739	1,075	1,770	6,584
Firewood and charcoal	..	..	..	63	..	..	..	63	286	..	349
Bamboos	..	..	..	..	..	..	..	..	..	..	..
Sandalwood	..	..	..	..	..	..	7,712	7,872	..	..	7,940
Grass and other minor produce.	..	..	..	..	160	..	..	..	68	..	..
Timber and other produce removed from the forest by consumers and purchasers	..	7,715	2,964	6,809	10,826	11,829	6,027	46,170	2,163	568	48,901
C. 1. Feed and upkeep of cattle	..	..	..	— 53	512	..	5	464	..	..	464
2. Renewals or replacements of stores, tools and plant—Voted.	..	227	94	723	5,938	509	1,250	8,801	35	..	8,836
D. 1. Roads and bridges	..	2,771	1,116	424	1,314	1,103	907	7,635	..	..	7,635
2. Buildings—	..	..	..	..	..	..	..	..	..	..	..
Non-voted—	..	153	78	..	331	131	11	704	..	..	704
Rates and taxes	..	..	..	..	..	..	..	..	..	..	..
Voted—											
Buildings	..	6,210	1,082	2,814	2,500	632	1,818	15,056	270	201	15,527
Forest College	..	..	..	..	..	..	..	..	..	..	..
Other works	..	154	..	46	46	110	54	410	..	..	410
E. 1. Regeneration	269	..	209	2,571	810	122	128	4,109	199	308	4,616
2. Fire protection	..	4,533	226	3,329	1,661	..	212	9,991	403	69	10,463
3. Other works—	..	..	..	..	..	..	..	..	..	..	..
Voted—											
Maintenance of boundaries.	..	966	..	184	1,488	..	51	2,689	4	351	3,044
Forest surveys	..	..	..	..	190	..	..	..	..	..	..
Other items	..	3,700	354	..	..	420	9	4,673	..	20	4,693

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Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation).	FIRST CIRCLE.—cont.												Grand total.
	8. d. Conservancy and Works—cont.												
F. Other charges—													
Non-voted—													
Rates and Taxes	..	..	3	..	..	..	..	..	..	..	..	..	25
Voted—													
Grants to Nilgiris Games Association—													
Honoraria	..	..	..	15	11	..	20	46	..	..	..	..	46
Supplies and services	..	..	..	..	..	..	..	..	..	..	..	..	4,328
Miscellaneous	..	..	550	32	3,742	4	..	..	..	..	..	..	40
II. Suspense—Works Advances	..	..	..	..	..	..	..	..	..	..	..	..	..
Grand total	..	269	26,389	8,319	18,430	30,324	14,850	18,234	1,16,735	4,503	3,287	1,24,525	729
Non-Voted	..	..	153	81	..	353	131	11	729	..	..	..	..
Net total	..	..	26,542	8,400	18,430	29,881	14,729	18,223	1,16,006	4,503	3,287	1,23,796	..
8. e. Establishments.													
A. 1. Pay of officers—													
Non-voted	..	..	..	..	..	..	..	..	..	..	..	..	..
Voted	33,849	15,818	2,947	10,461	11,889	..	10,573	85,537	1,166	..	..	86,703	..
A. 2. Pay of establishments—Voted—	5,993	6,935	7,830	4,171	1,450	8,715	..	35,034	7,926	..	..	43,020	..
Permanent	9,608	52,134	20,416	41,430	42,424	35,026	26,128	2,27,156	15,908	3,637	2,46,701	9,030	..
Temporary	152	2,113	873	2,837	1,102	..	..	6,773	1,201	1,056	..	..	..
A. 3. Allowances—Non-voted—	..	..	..	..	..	..	..	..	..	..	..	..	..
Travelling allowances	3,046	3,406	566	2,841	2,061	..	1,800	13,720	303	..	..	14,023	..
Cost of passage	1,920	..	..	..	..	..	..	1,920	..	..	..	1,920	..
Voted—	..	..	..	..	..	..	..	..	..	..	..	..	..
Travelling allowances	655	6,357	2,957	5,580	5,374	4,659	3,260	28,882	2,791	906	32,573	..	..
Fixed travelling allowance	..	2,169	882	2,184	2,283	1,674	825	10,017	572	196	10,785	..	..
Other compensatory	..	856	373	1,019	671	422	574	3,915	286	132	4,333	..	..

FOREST DEPARTMENT

Summary of Expenditure of the different districts for the year 1931-32—cont.

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

FIRST CIRCLE—cont.

52-A. Capital Outlay on Forests—cont.	Rs.	Direction.	Ganjam.	Vizagapatnam.	Godavari, Upper.	Godavari, Lower.	Guntur.	Nellore.	Total.	Parlakimedi.	Golconda Agency.	Grand total.
D. Railways and Tramways	..	..	..	..	..	..	..	..	..	..	..	..
E. Livestock, Stores, tools and plant— A. Livestock—Purchase of live-stock	..	..	117	176	259	..	163	45	45	..	16	45
B. Stores, tools and plant	..	..	..	..	..	..	..	..	715	..	..	731
Total, E.	..	..	..	..	..	..	..	..	..	..	..	..
G. Investment in Government commercial undertakings— A. Russelkonda Saw Mill	..	..	56,236	..	..	..	..	..	56,236	..	..	56,236
J. Deduct English cost of stores	..	..	..	..	..	..	..	..	..	..	..	..
L. Expenditure in England	..	..	..	..	..	..	..	..	..	..	..	..
Grand Total	145	62,710	657	1,241	4,881	780	1,849	72,263	247	..	..	72,510

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Ananta-pur.	Kurnool, East.	Kurnool, South.	Kurnool, West.	Cuddapah, North.	Cuddapah, South.	Total.
8. b. <i>Conservancy, Maintenance and Regeneration.</i>								
A. Forest produce removed by Government agency—Voted— Timber	..	..	1,076	3,875	880	..	1,457	7,288
Other produce— 1. Firewood and charcoal	..	..	..	..	122	..	..	122
2. Bamboos	..	196	..	..	..	..	..	100
3. Sandalwood	..	..	..	..	..	..	7	203
Total, A	..	196	1,176	3,875	1,002	..	1,464	7,713
B. Timber and other produce removed from the forests by consumers and purchasers.	..	8,028	6,411	6,472	7,248	8,088	11,569	47,816
C. 1. Feed and keep of cattle	..	20	..	..	1,872	..	..	1,892
2. Renewals or replacement of stores and tools and plant.	..	50	39	109	356	36	63	653
Total, C	..	70	39	109	2,228	36	63	2,545
D. 1. Roads and bridges	..	427	1,157	781	2,729	560	1,841	7,495
2. Buildings and other works— Non-voted— Rates and taxes	..	112	20	280	276	245	88	1,021
Voted— Buildings	..	2,068	1,167	1,298	1,694	1,197	1,759	9,183
Other works	..	50	72	193	3	121	..	439
Total, D	..	2,657	2,416	2,552	4,702	2,123	3,688	18,138

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Ananta pur.	Kurnool, East.	Kurnool, South.	Kurnool, West.	Cuddapah, North.	Cuddapah, South.	Total.
SECOND CIRCLE—cont.		RS.	RS.	RS.	RS.	RS.	RS.	RS.
8. <i>b. Conservancy, Maintenance and Regeneration</i> —cont.								
E. 1. Regeneration	..	207	665	78	1,218	472	412	2,952
2. Fire protection	..	179	729	488	1,287	219	810	3,712
3. Other charges— Voted—								
Maintenance of boundaries	..	50	127	120	242	25	..	564
Forest surveys	..	..	585	..	..	..	..	585
Other items	..	..	44	..	120	82	73	319
Total, E	..	436	2,050	686	2,867	798	1,295	8,132
F. Other charges— Non-voted—								
Rates and taxes	..	..	..	..	..	..	..	..
Voted—								
Non-contract Contingencies—Miscellaneous—(Law charges).	..	..	..	..	..	..	..	..
Honoraria	..	..	82	..	82	50	199	416
Supplies and Services	..	..	242	..	25	25	..	292
Miscellaneous	..	1	9	14	46	23	6	98
Total, F	..	1	333	14	156	98	204	806
H. Suspense—Works Advances— Voted	..	..	..	..	..	..	..	..
Total	..	11,388	12,425	13,708	18,203	11,143	18,283	85,150
Non-voted	..	112	20	280	276	245	88	1,021
Voted	..	11,276	12,405	13,428	17,927	10,898	18,195	84,129
Total	..	11,388	12,425	13,708	18,203	11,143	18,283	85,150

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Ananta pur.	Kurnool, East.	Kurnool, South.	Kurnool, West.	Cuddapah, North.	Cuddapah, South.	Total.
SECOND CIRCLE—cont.		RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. <i>District Establishments.</i>								
A. 1. Pay of officers—Non-voted— Pay excluding passage pay	..	22,235	11,236	2,250	15,656	1,477	8,483	70,107
Pay of officers—Voted	..	..	3,600	10,838	900	9,981	..	25,319
A. 2. Pay of establishments—Voted— Permanent	..	9,588	33,038	30,203	37,847	46,056	32,420	2,29,622
Temporary	..	..	286	852	466	1,551	708	4,149
Total of Pay of establishment	..	9,588	33,324	31,055	38,313	47,607	33,128	2,33,771
A. 3. Allowances—Non-voted— Travelling allowance	..	2,019	2,270	572	2,004	589	1,518	10,549
Cost of passages granted under the superior Civil Service Rules, 1924.	..	404	..	..	..	..	..	404
Allowances—Voted—								
Travelling allowance	..	722	3,564	5,310	4,967	6,765	3,999	28,518
Fixed travelling allowance	..	..	1,096	1,766	2,234	2,299	1,375	10,539
Other compensatory	..	..	611	843	512	1,133	805	4,917
Total of allowances—Voted	..	722	5,271	7,919	7,713	10,127	6,179	43,974
Rents of Public Works Department buildings	..	3,474	2,217	..	815	1,050	706	10,221
Deduct recoveries on account of rents of Public Works Department buildings.	..	— 1,170	— 560	..	..	— 6	— 705	— 2,441
Total of rents	..	2,304	1,657	..	815	1,044	706	7,780

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.														Total
	Rs.	Anantapur.	Rs.	Kurnool, East.	Rs.	Kurnool, South.	Rs.	Kurnool, West.	Rs.	Cuddapah, North.	Rs.	Cuddapah, South.	Rs.		
SECOND CIRCLE—cont.															
A. District Establishments—cont.															
A. 4. Contingencies and Supplies and Services—															
Non-voted—															
Rates and taxes	795	210	..	..	127	55	5	785	1,977						
Voted—															
Apparatus and materials	..	37	200	143	181	125	139	825							
Service postage and telegram charges	668	999	788	879	630	789	879	5,730							
Tour charges	530	618	831	635	406	602	586	4,208							
Office expenses	409	294	933	600	773	537	461	4,007							
Miscellaneous	517	282	512	103	417	243	203	2,277							
Total of Contingencies	2,909	2,440	3,264	2,487	2,462	2,301	3,161	19,024							
Total of A. District Establishments	40,181	59,798	55,898	67,888	73,287	52,315	61,551	4,10,928							
Non-voted	25,453	13,716	2,822	17,787	2,121	10,006	11,132	83,037							
Voted	14,728	46,082	53,076	50,101	71,166	42,309	50,429	3,27,891							
52-A. Capital Outlay on Forests.															
(c) Communications and buildings—															
A. Roads and bridges—															
Works in progress	..	..	..	..	..	290	..	..	290	..	..	..	..	290	
New works	..	..	240	..	1,500	..	400	2,140							
B. Buildings—															
Works in progress	..	..	..	..	..	1,080	173	1,253							
New works	..	..	..	..	..	..	..	..	..	..	..	..	..	1,299	
Total of 52-A. (c)	..	..	240	46	1,500	1,370	573	3,729							
(c) Live-stock, stores, tools and plant—															
A. Live-stock—purchase of live-stock	..	..	..	..	..	..	..	..	..	..	..	..	..	210	
B. Purchase of stores, tools and plant	..	..	..	..	..	..	..	..	..	..	..	..	..	210	
Total of (c)	..	47	32	47	..	55	28	..	..	..	..	..	..	3,939	
Total	..	47	272	93	1,500	1,426	601	..	..	..	..	..	..	..	

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Working Plans Division.										Total
	Direction.	Rs.	Mount Stuart.	Mangalore.	Lower Godavari.	North Coimbatore.	Wynad.	Palghat.	Thiruvelli.	Provincial Agricultural.	Rs.
III (WORKING PLANS) CIRCLE.											
8. b. Forest Conservancy, Maintenance and Regeneration.											
B. C. 2. Renewals or replacements of stores, tools and plant—											
Voted—											
Renewals and replacements, tools and plant.	..	..	..	..	..	..	..	..	..	160	160
Total	..	..	..	..	..	..	..	..	..	160	160
D. 2. Buildings and other works—											
Voted—											
Buildings	— 36	..	..	..	..	..	..	..	..	49	13
Total	— 36	..	..	..	..	..	..	..	..	49	13
Voted	— 36	209	..	..	..	..	..	..	..	..	173
Total	— 36	209	..	..	..	..	..	..	..	..	173
8. c. Forest Establishments.											
B. Research Establishments.											
C. B. 1. Pay of officers—Non-voted—											
Pay of officers—Voted	..	..	..	..	..	..	..	..	..	21,266	21,266
Total	..	..	..	..	..	..	..	..	..	21,266	21,266
C. B. 1. Pay of establishments—Voted											
C. B. 2. Supplies and Services—Voted—Petty Supplies.	..	..	..	..	..	..	..	..	..	8,383	8,383
Total	..	..	..	..	..	..	..	..	..	5,909	5,909
Total	..	..	..	..	..	..	..	..	..	14,292	14,292

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation)	Working Plans Division.							Total
	Direction.	Mount Stuart.	Mangalore.	Lower Godavari.	North Colmbatore.	Wynaad.	Palghat.	Provincial Sylvaiculture.
III (WORKING PLANS) CIRCLE—cont.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
8. <i>c. Forest Establishments—cont.</i>								
C. B. 3. Other charges—Allowances—Non-voted.	..	..	..	..	..	..	..	4,207
Rates and taxes ..	..	..	..	..	..	..	..	93
Allowances—Voted ..	..	..	..	..	..	..	..	3,072
Contingencies ..	..	..	..	..	..	..	..	910
Total ..	..	..	..	..	..	..	..	8,282
Non-voted ..	..	..	..	..	..	..	..	25,566
Voted ..	..	..	..	..	..	..	..	18,274
Total ..	..	..	..	..	..	..	..	43,840

52. A-b. Organization, Improvements and Extension of Forests—Reserved.

12. A-B. Stores—								
Purchase of stores and tools and plant ..	1,739	..	..	..	..	..	8	1,747
Total ..	1,739	..	..	..	..	..	8	1,747
b. <i>c. Other charges—Voted</i> ..	3,595	..	410	352	8,237	1,713	4,836	19,554
Total ..	3,595	..	410	352	8,237	1,713	4,836	19,554
Grand Total ..	5,334	..	410	352	8,237	1,713	4,844	21,301
Voted ..	5,334	..	410	352	8,237	1,713	4,844	21,301

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Working Plans Division.							Total
	Direction.	Mount Stuart.	Mangalore.	Lower Godavari.	North Colmbatore.	Wynaad.	Palghat.	Provincial Sylvaiculture.
III (WORKING PLANS) CIRCLE—cont.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
52-A. <i>f. Capital Outlay on Forests.</i>								
f. A. Pay of officers—Non-voted ..	25,202	950	6,480	865	9,275	9,294	..	54,722
f. B. Pay of officers—Voted ..	9,751	..	3,918	5,731	957	..	6,323	28,937
f. C. Other charges—Non-voted—	10,244	542	3,196	5,531	23,784	6,981	8,309	60,052
Allowances—Non-voted—								
Travel (including cost of passage) ..	5,739	..	591	580	2,689	1,801	..	12,175
Allowances—Voted—								
1. Travelling allowance ..	3,787	..	1,620	2,736	7,094	2,054	2,901	21,081*
2. Fixed travelling allowance ..	653	105	137	230	3,445	639	1,319	9
3. Other compensatory ..	1,483	154	521	227	1,028	385	139	80
Contingencies—Voted ..	3,203	..	170	422	433	407	257	76
Supplies and Services ..	1,425	..	..	..	42	9	135	230
Non-voted ..	30,041	950	7,071	1,445	11,864	11,095	..	66,847
Voted ..	30,546	801	9,562	14,877	36,783	10,535	19,374	36
Grand Total ..	60,587	1,751	17,043	16,874	56,864	23,343	21,218	36

* The audited actuals under the head are Rs. 20,885 and 6,873 respectively.

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Chittoor.	Vellore.	North Salem.	Central Salem.	South Salem.	Total.
FOURTH CIRCLE.							
8. <i>b. Forest Conservancy, Maintenance and Regeneration.</i>							
b. A. Forest produce removed by Government Agency—							
Timber	..	789	54	445	..	..	1,288
Sandalwood	..	203	6,360	6,173	2,859	2,327	17,922
Grass and other minor produce	..	..	50	..	..	..	50
Total	..	992	6,464	6,618	2,859	2,327	19,260
b. B. Timber and other produce removed from forests by consumers and purchasers.							
.. .. .	..	10,023	11,527	6,234	9,797	6,258	43,839
b. C. 1. Feed and up-keep of cattle							
2. Renewals and replacement of stores and tools and plant	..	52	..	..	..	..	52
.. .. .	..	95	86	100	164	134	579
Total	..	147	86	100	164	134	631
b. D. 1. Roads and bridges							
2. Buildings and other works—	..	3,315	4,049	3,323	343	1,563	12,593
Rates and taxes—Non-voted	..	244	739	45	116	137	1,281
Buildings—Voted	..	3,637	3,827	1,998	3,658	2,377	14,667
Other works Voted	..	525	57	16	64	90	752
Total	..	7,781	8,672	4,482	4,181	4,167	29,283
b. E. 1. Regeneration							
2. Fire protection	..	2,750	728	1,219	1,137	672	6,506
3. Other works—Maintenance of boundaries—	..	420	1,659	465	1,353	1,143	6,040
Voted	..	100	30	49	129	..	308
Total	..	3,270	2,417	1,733	2,619	1,815	11,854

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Chittoor.	Vellore.	North Salem.	Central Salem.	South Salem.	Total.
FOURTH CIRCLE—cont.							
8. <i>b. Forest Conservancy, Maintenance and Regeneration—</i>							
cont.							
b. Other items—							
F. Other charges—							
Non-voted—Rates and taxes	..	..	..	..	..	..	..
Voted—Honoraria	..	20	50	13	55	405	543
Supplies and Services	..	..	..	3,298	2	190	3,490
Miscellaneous	..	..	2	48	..	6	66
b. H. Suspense works and advances	..	..	..	..	— 171	..	— 171
Grand Total—8. <i>b. Conservancy, maintenance and regeneration</i>	..	22,233	29,218	22,526	19,506	15,302	1,08,785
Non-voted	..	244	739	45	116	137	1,281
Voted	..	21,989	28,479	22,481	19,390	15,165	1,07,504
8. <i>c. Establishments.</i>							
A-1. Pay of officers—Non-voted	..	14,299	11,479	12,221	10,912	2,160	76,008
Pay of Officers—Voted	..	..	8,849	5,264	..	6,782	20,895
A-2. Pay of establishments—Voted—	..	..	..	..	..	..	..
1. Permanent	10,320	40,131	56,855	39,841	43,288	28,959	2,19,394
2. Temporary	5	765	2,264	2,975	948	1,452	8,409
Total	10,325	40,896	67,968	48,080	44,236	37,193	2,48,698
Cost of passages granted under the superior services rules.	4,427	..	..	4,222	376	..	9,025
A-3. Allowances—Non-voted—	..	..	..	..	..	..	..
Travelling allowance	1,760	1,937	2,007	2,067	2,102	710	10,583

Summary of Expenditure of the different districts for the year 1931-32—*cont.*

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Chittoor.	Vellore.	North Salem.	Central Salem.	South Salem.	Total.
FOURTH CIRCLE—<i>cont.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.
8. c. Establishments—<i>cont.</i>							
Allowances—Voted—							
1. Travelling allowance	544	3,638	4,504	6,179	3,753	4,625	23,243
2. Fixed travelling allowance	..	1,824	2,944	1,986	1,883	1,504	9,940
3. Other Compensatory	..	488	533	871	585	503	2,980
Total	544	5,950	7,981	9,035	6,021	6,632	36,163
Rents of Public Works Department buildings	7,803	300	3,453	1,586	2,805	1,783	17,730
Deduct recoveries on account of rent of Public Works Department buildings.	— 2,529	..	— 567	— 814	— 946	— 779	— 6,625
C.A. 4. Contingencies and supplies and services—							
Rates and taxes—Non-voted	..	22	346	119	52	61	481
Apparatus and materials	33	299	139	149	124	109	853
Service postage and telegram charges	622	795	1,785	1,217	912	898	6,129
Tour charges	183	636	509	610	330	555	2,853
Office expenses	452	221	578	571	773	307	2,902
Miscellaneous	391	133	70	181	351	350	1,479
Total	48,848	65,488	95,758	79,155	68,051	49,979	4,07,279
Non-voted	31,124	16,258	13,832	18,510	13,442	2,931	96,097
Voted	17,724	49,230	81,926	60,645	54,609	47,048	3,11,182
Charges payable to Governments, Departments and others.	..	..	..	20,124	..	..	20,124
Total	..	..	..	20,124	..	..	20,124

8. c. ii.—*Research.*Summary of Expenditure of the different districts for the year 1931-32—*cont.*

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Chittoor.	Vellore.	North Salem.	Central Salem.	South Salem.	Total.
FOURTH CIRCLE—<i>cont.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.
52. A-b.—Conservancy and Works.							
(a) Forest surveys	..	..	..	..	620	..	620
(b) Organization, improvement and extension of forests—							
Recreation	..	123	..	30	290	45	488
Cost of forest settlement and compensation for land and rights	..	..	76	..	..	..	76
Other works	..	..	52	..	..	..	52
(c) Communications and buildings—							
Works—Voted—							
Roads and bridges	..	..	703	452	41	..	1,196
Works in progress	..	268	..	..	..	196	464
New works	..	..	1,614	..	..	..	1,614
Buildings—							
Works in progress	..	..	57	345	..	12	414
New works	..	..	..	..	..	..	..
Other works—							
Works in progress	..	..	195	..	..	..	195
New works	..	..	..	..	..	..	..
Total	..	268	2,569	797	41	208	3,883
(e) Purchase of stores, tools and plant	..	137	100	26	16	11	290
Grand Total	..	528	2,747	853	967	264	5,409

Summary of Expenditure of the different districts for the year 1931-32—cont.

Budget heads.	Direction.	Kollegal.	Coinbatore, North.	Coinbatore, South.	Madura.	Tinnevely.	Tanjore.	Total.
FIFTH CIRCLE.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
8. b. Conservation, Maintenance and Regeneration.								
A. Forest produce removed by Government agency—Voted.	..	..	..	..	..	..	..	..
Timber	..	..	207	69,161	591	3,071	..	73,032
Firewood and charcoal	..	..	..	..	..	..	..	..
Bamboos	..	..	..	..	..	..	..	..
Sandalwood	490	6,634	11,972	..	..	725	..	19,831
Grass and other minor produce	..	181	222	..	..	..	..	403
C.B. Timber and other produce removed from the forest by consumers and purchasers.	..	8,656	10,839	2,890	12,877	6,909	250	42,421
C.C. 1. Feed and keep of cattle	..	..	..	5,285	..	..	..	5,285
2. Renewals and replacements of stores, tools and plant.	..	24	156	491	60	230	7	971
C.D. 1. Roads and bridges	..	3,488	8,400	4,959	9,512	3,741	..	30,130
2. Buildings—Non-voted	..	..	..	..	..	..	..	..
Rates and taxes	..	48	13	61	12	81	..	215
Voted—Buildings	..	1,128	1,865	3,070	2,658	2,583	213	11,517
Other works	..	41	33	49	125	21	..	269
C.E. 1. Regeneration	..	5	90	13,266	692	248	20	14,321
2. Fire protection	..	590	1,525	1,767	3,382	389	..	7,653
3. Other charges	..	..	..	..	..	..	..	..
Maintenance of boundaries	..	11	67	124	82	61	10	355
Other items	..	217	628	397	252	167	..	1,691
C.F. Other charges—Non-voted	..	..	..	..	..	..	..	..
Rates and taxes	..	38	..	..	66	..	..	104
C.G. Honoraria—Voted	..	..	14	..	..	..	..	14
Supplies and services	..	..	..	..	..	..	..	..
Miscellaneous	..	..	7	5,105	..	8	11	5,195
H. Suspense Works Advances	..	..	..	89	..	72	..	161
Total	490	21,091	36,038	1,06,539	30,339	18,234	513	2,13,244

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Summary of Expenditure of the different districts for the year 1931-32—cont.

Budget heads.	Direction.	Kollegal.	Coinbatore, North.	Coinbatore, South.	Madura.	Tinnevely.	Tanjore.	Total.
FIFTH CIRCLE—cont.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
8. C. A. District Establishments.								
C.A. 1. Pay of officers—Non-voted	25,074	12,203	13,283	21,033	4,050	8,083	..	83,726
Pay of officers—Voted	7,498	550	4,895	5,904	13,266	..	..	32,113
C.A. 2. Pay of establishments—Voted—								
Permanent	9,591	35,273	39,982	32,036	48,167	35,836	1,009	2,01,894
Temporary	144	318	812	1,865	493	573	..	4,205
C.A. 3. Allowances—								
Non-voted—Travelling allowances	3,778	2,392	2,888	3,822	817	2,046	..	15,743
Cost of passages	..	..	..	4 23	..	..	..	23
Voted—Travelling allowance	1,735	3,801	5,476	4,660	7,245	3,372	30	26,319
Fixed travelling allowance	..	1,892	2,457	1,375	2,440	910	114	9,188
Other compensatory	..	498	656	448	1,732	268	..	3,602
C.A. 4. Contingencies and supplies and services—								
Non-voted—Rates and taxes	575	..	781	611	382	98	..	2,447
Voted—(a) Rents on Public Works	1,164	2,014	2,594	2,017	724	1,401	..	9,914
(b) <i>Public</i> recoveries on account of Public Works	..	..	..	..	..	..	..	..
Department buildings	..	718	819	937	..	708	..	3,182
Apparatus and materials	..	87	214	413	18	12	..	744
Service postage and telegram charges	521	490	643	996	1,194	890	100	4,834
Tour charges	261	372	638	199	340	623	..	2,433
Office expenses	636	726	580	658	958	325	..	3,878
Miscellaneous	217	171	33	75	215	185	..	896
Total	51,194	60,069	75,113	75,193	82,041	53,914	1,953	3,98,777

FOREST DEPARTMENT

52.A. Capital Outlay on Forests.

C. Organization, improvements and extension of forests—								
A. Denaturation	..	..	..	..	274	1,006	3	277
B. Sewing and planting	..	..	..	..	..	..	..	1,006
b.C. Other charges—								
Other Miscellaneous charges	..	..	..	..	20	..	..	20

Budget heads.	Direction.	Kollegal	Coimbatore, North.	Coimbatore, South.	Madura.	Tinnevely.	Tanjore.	Total.
		RS.	RS.	RS.	RS.	RS.	RS.	RS.
<i>Fifth Circle—cont.</i>								
<i>52-A. Capital Outlay on Forests—cont.</i>								
<i>C. Communications and buildings—</i>								
A. Roads and bridges—								
Works in progress ..	..	..	..	..	..	..	..	..
New works ..	..	100	..	30	93	56	..	279
B. Buildings—								
Works in progress ..	..	1,777	..	154	62	..	..	1,561
New works ..	..	..	4,152	5,381	62	..	..	9,595
<i>C. Other works—</i>								
Works in progress ..	..	..	..	..	..	..	..	..
New works ..	..	..	..	..	..	..	..	..
Purchase of live-stock ..	..	..	..	2,685	..	..	..	2,685
Purchase of stores, tools and plant ..	..	47	197	7	140	143	..	534
Investments in Government Commercial undertakings ..	..	..	..	..	..	..	..	..
Mount Stuart Forests ..	..	..	..	20,050	..	..	..	20,050
Deduct—Receipts and recoveries on capital accounts ..	..	..	..	2,550	..	..	..	2,550
Total ..	..	1,924	4,349	14,651	487	1,205	3	6,683

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Mangalore, North.	Mangalore, South.	Wynnad.	The Nilgiris.	Palghat.	Nilambur.	Total.
		RS.	RS.	RS.	RS.	RS.	RS.	RS.
<i>Sixth Circle.</i>								
<i>8. b. Conservancy, Maintenance and Regeneration.</i>								
<i>A. Forest produce removed by Government Agency—Voted—</i>								
Timber ..	..	15,053	45,415	65,265	949	75,422	..	2,02,104
Firewood and charcoal ..	..	..	..	..	10,263	..	..	10,263
Bamboos ..	..	..	..	3	..	1,260	..	1,263
Sandalwood ..	..	704	384	..	1,852	..	..	2,940
Grass and other minor produce ..	..	..	..	4	507	..	..	511
Total A ..	..	15,757	45,799	65,272	13,571	76,682	..	2,17,081
<i>B. Timber and other produce removed from the forest by consumers and purchasers ..</i>								
..	..	1,334	1,351	2,166	654	5,509	306	11,320
(1) Feed and keep of cattle ..	323	4,480	9,486	30,075	5,238	2,281	..	51,883
(2) Renewals and replacement of stores, tools and plant—Voted—Renewals and replacements—Tools and plant ..	..	375	1,020	2,939	361	119	18	4,832
D. (1) Roads and bridges ..	..	593	2,514	31,791	3,289	3,758	588	45,553
<i>D. (2) Buildings and other works—</i>								
Non-voted—Rates and taxes ..	..	..	143	..	967	83	..	1,193
Buildings ..	259	814	1,066	4,360	2,207	3,743	1,306	13,755
Forest College ..	..	..	..	..	..	..	..	..
Other works ..	..	12	97	755	99	71	11	1,045
Total D (2) ..	259	826	1,306	5,115	3,273	3,897	1,317	16,993
E. (1) Regeneration ..	..	1,401	2,214	10,783	3,993	5,879	16,884	40,954
(2) Fire protection ..	..	751	764	1,485	2,514	2,423	814	8,751

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation)	Direction.	Mangalore, North.	Mangalore, South.	Wynaad.	The Nilgiris.	Palghat.	Nilambur.	Total.
SIXTH CIRCLE—cont.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
8. b. Conservancy, Maintenance and Regeneration—cont.								
E. (3) Other works—Voted—	..	..	20	366	1,039	128	..	1,653
Maintenance of boundaries	..	..	9	..	..	..	..	9
Forest surveys	..	..	39	..	399	255	206	914
Other items	..	12	..	3	..	..	..	..
Total E. (3)	..	12	68	369	1,438	383	206	2,476
F. Other charges—	..	..	..	69	1,447	52	..	1,568
Non-voted—Rates and taxes	..	..	..	..	4,671	..	..	4,671
Grants-in-aid—Miscellaneous—Recurring—Nilgiris Games Association.	..	69	..	..	..	..	..	69
Honoraria	..	79	23	1,109	1	5	..	1,217
Supplies and Services	..	60	126	15	10	10	..	221
Miscellaneous	..	..	..	..	..	..	..	..
Total F	..	208	149	1,193	6,129	67	..	7,746
ix. Suspense—Works Advances—Voted	..	..	..	— 149	..	— 135	..	— 284
Total	582	25,737	64,701	1,54,039	40,460	1,00,863	19,933	4,06,315
Non-voted	..	..	143	69	2,414	135	..	2,761
Voted	582	25,737	64,558	1,53,970	38,046	1,00,728	19,933	4,03,554
8. c. A. District Establishments.								
A. (1) Pay of Officers—								
Non-voted	27,403	7,574	5,128	19,345	12,053	2,282	8,527	82,312
Voted	5,384	1,125	9,416	15,771	1,080	13,715	6,865	53,386
Total A (1)	32,787	8,699	14,544	35,116	13,133	15,997	15,392	1,35,698
A. (2) Pay of Establishments—Voted—								
Permanent	10,931	35,205	34,543	49,110	41,426	32,439	19,012	2,22,666
Temporary	60	461	1,343	1,947	346	1,028	2,635	7,810
Total A. (2)	10,991	35,656	35,886	51,057	41,772	33,467	21,647	2,30,476

Summary of Expenditure of the different districts for the year 1931-32—cont.

Account heads (major, minor and sub-heads and units of appropriation).	Direction.	Mangalore, North.	Mangalore, South.	Wynaad.	The Nilgiris.	Palghat.	Nilambur.	Total.
SIXTH CIRCLE—cont.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
8. c. A. District Establishments—cont.								
A. (3) Allowances—Non-voted—								
Travelling allowance	..	3,036	2,128	2,037	4,892	2,131	722	16,467
Cost of passage	..	1,861	..	..	..	..	..	1,861
Allowances—Voted—								
Travelling allowance	..	3,208	3,109	7,529	9,283	5,217	5,997	2,203
Fixed travelling allowance	..	2,266	1,993	2,942	1,974	1,675	1,159	12,009
Other compensatory	..	1,541	299	572	432	4,762	364	8,279
Total A. (3)	..	9,644	7,802	12,131	17,549	14,114	8,758	75,130
A. (4) Contingencies—Supplies and services—								
Non-voted—								
Rates and taxes	..	151	56	60	..	309	32	608
Voted—								
Rents of Public Works Department buildings	..	1,026	369	562	1,054	4,611	842	8,491
Apparatus and materials	..	..	51	114	148	195	122	680
Service postage and telegrams	..	834	872	1,100	1,301	489	710	5,483
Tour charges	..	802	256	419	239	323	165	2,205
Office expenses	..	239	88	27	460	476	540	1,872
Miscellaneous	..	84	216	272	530	138	177	1,674
Deduct—Recoveries on account of Public Works Department buildings	..	..	..	..	— 142	— 487	..	— 629
Total A. (4)	..	3,136	1,908	2,554	3,590	6,084	2,588	20,387
Total	..	56,558	64,065	65,145	1,07,312	75,103	60,810	4,61,691
Non-voted	..	32,451	9,758	7,225	24,237	14,493	3,036	1,01,188
Voted	..	24,107	44,307	57,920	83,075	60,610	57,774	3,60,503

Summary of Expenditure of the different districts for the year 1931-32—*cont.*

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

SIXTH CIRCLE—*cont.*52. A.—*Capital Outlay on Forests.*

52. A—*b.* Organization, improvement and extension of forests—Voted—

b. A. Demarcation—Voted—
Demarcation
Cost of Forest Settlement, etc.

Total *b.* A. ..

b. C. Other charges—Voted—
Working plans
Other miscellaneous charges

Total *b.* C. ..

Total 52. A.—*b.* ..

52. A—*c.* Communication and buildings—

c. A. Roads and bridges—
Works in progress
New works

B. Buildings—

Works in progress
New works

C. Other works—

Works in progress
New works

Total 52. A—*c.* ..

	rs.	Mangalore, North.	rs.	Mangalore, South.	rs.	Wynaad.	rs.	The Nilgiris.	rs.	Palghat.	rs.	Nilambur.	rs.	Total.
..	..	..	..	..	..	118	..	..	..	..	..	..	..	118
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	118	..	..	..	..	..	..	..	118
..	..	..	..	..	..	884	1,691	..	..	..	..	..	..	2,475
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	884	1,691	..	..	..	..	..	..	2,475
..	..	..	..	..	..	1,002	1,591	..	..	..	..	..	..	2,593
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	108	2,187	..	..	39	225	..	..	2,559
..	..	..	..	..	..	551	..	..	..	2,409	..	..	..	2,902
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	25	..	..	..	..	— 111	— 130	..	..	10,305	878	637	..	10,668
..	..	278	..	7	..	..	82	..	..	292	158	751	..	2,012
..	..	..	..	930	..	118	..	..	..	964	..	..	..	..
..	25	218	..	1,506	..	2,368	— 48	..	..	14,009	1,261	19,429	..	..

Summary of Expenditure of the different districts for the year 1931-32—*cont.*

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

SIXTH CIRCLE—*cont.*52. A.—*Capital Outlay on Forests—cont.*

52. A—*e.* Livestock, stores, tools and plant—

e. A. Purchase of livestock
B. Purchase of stores, tools and plant

Total 52. A—*e.* ..

52. A—*g.* Investments in Government commercial undertakings—
g. C. Nilambur Valley

Total 52. A—*g.* ..

Grand Total 52. A. ..

	rs.	Mangalore, North.	rs.	Mangalore, South.	rs.	Wynaad.	rs.	The Nilgiris.	rs.	Palghat.	rs.	Nilambur.	rs.	Total.
..	..	..	..	..	..	2,022	2,005	..	..	218	237	..	..	4,482
..	..	..	..	..	..	804	67	..	..	1,048	..	..	..	2,053
..	..	26	..	108	..	..	..	..	..	1,266	237	..	..	6,535
..	..	26	..	108	..	2,826	2,072	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1,360	..	..	..	..	..	..	..	..	..	225	..	..	1,685
..	1,360	..	..	..	..	..	..	..	..	..	225	..	..	1,585
..	1,385	..	..	..	..	6,196	3,615	..	..	15,275	1,723	..	..	30,142
..	..	244	..	1,704	..	..	..	..	..	..	..	..	..	..

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Summary of Expenditure of the different districts for the
year 1931-32—*cont.*

8. a. Forest—General Direction.

	Actuals, 1931-32.
	RS.
A. Pay of officers—Non-voted	42,077
B. Pay of establishments—Voted	25,822
C. Clothing and equipment	27,264
D. Charges payable to Governments, departments and others	18,554
E. Other charges—	
Non-voted—	
Travelling allowance (including cost of passages)	4,612
Other compensatory	1,446
Rates and taxes	344
Voted—	
Allowances	1,146
Rents	3,522
Books and periodicals	2,059
Service postage and telegram charges	1,799
Other charges	2,205
Total	1,30,850

8. c. B. Research.

	Actuals, 1931-32.
	RS.
1. Pay of officers—Non-voted	21,266
Pay of establishments—Voted	8,382
2. Supplies and services—Voted—Petty supplies	5,918
3. Other charges—	
Non-voted—	
Allowances	4,207
Rates and taxes	93
Voted—	
Allowances	3,072
Contingencies	901
Charges payable to Governments, departments and others—Subsidy to the Indian Institute of Science	9,829
Contribution payable to the Government of India for entomological investigation of spike disease in sandalwood	10,295
Total	63,963

FOREST DEPARTMENT

Summary of Expenditure of the different districts for the
year 1931-32—*cont.*

8. c. C. Exploitation.

	Actuals, 1931-32.		
	VI Circle.	Forest Engineer.	Forest Utilization officer.
	RS.	RS.	RS.
1. Pay of officers—			
Non-voted	..	11,010	18,640
Voted	..	839	..
2. Pay of establishments—Voted—			
Permanent	..	5,806	2,452
Temporary	385	1,528	5,643
3. Allowances—			
Non-voted—			
Travelling allowances (including cost of passages)	— 446	2,705	7,560
Other compensatory	..	..	3,588
Travelling allowances	..	1,695	1,284
Fixed travelling allowances	..	323	..
Other compensatory	..	177	63
4. Other charges—			
Non-voted—			
Rates and taxes	..	..	130
Voted—			
Rents of Public Works Department buildings	..	2,906	1,399
Other contingencies	..	674	1,165
Apparatus and materials	..	66	..
Other charges	..	118	..
Deduct recoveries, etc.	..	— 969	..
Total	— 61	26,878	41,924

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Summary of Expenditure of the different districts for the
year 1931-32—cont.

8. c. D. Forest College.

	Actuals, 1931-32. RS.
1. Pay of officers—	
Non-voted	...
Voted	...
2. Pay of establishments—Voted	20,148
3. Other charges	17,041
Travelling allowances including cost of passages.	13,071
Rates and taxes	1,924
Voted—	19
Travelling allowances	2,760
Fees to Examiners	865
Pay of menials	2,046
Apparatus and materials	2,502
Horti and Agri operations	2,111
Other petty supplies and contingencies	5,279
Total	67,766

8. c. E. Chenchu Officer.

	Actuals, 1931-32. RS.
Pay of establishments—Voted—	
Temporary	...
Voted—Travelling and other allowances	15,773
Contingencies	1,757
Supplies and services	1,127
	6,721
Total	25,378

ANNUAL FORM No. 39.

Summary of Revenue and Expenditure for 1931-32.

ANNUAL
Summary of Revenue and

Budget heads.	First Circle.	Second Circle.	Third Circle.	Fourth Circle.	Fifth Circle.	Sixth Circle.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
VIII. FOREST—RECEIPTS.						
(a) Timber and other produce removed from the forests by Government Agency—	RS.	RS.	RS.	RS.	RS.	RS.
Sandalwood	35	..	..	2,58,839	1,77,446	22,965
Other produce—						
Timber	37,058	23,459	14	3,213	1,02,626	4,35,900
Firewood and charcoal.	3,676	762	..	1,724	1,077	47,244
Bamboos	78	228	..	40	..	1,388
Other minor produce ..	10,323	7	..	262	2,844	506
Total ..	51,135	24,456	14	5,239	1,06,547	4,85,038
Total (a) ..	51,170	24,456	14	2,64,078	2,83,993	5,08,003
(b) Timber and other produce removed from the forests by consumers or purchasers—						
Forest Department—						
Timber	16,283	27,485	..	1,862	50,184	776
Firewood and charcoal. ..	1,72,896	1,02,781	..	62,804	1,88,445	70,451
Bamboos	94,374	58,673	..	1,21,844	35,461	19,072
Grazing and fodder grass	1,01,754	1,51,410	..	1,62,830	1,13,131	28,036
Other minor produce ..	42,652	30,828	..	35,875	49,769	21,768
Total, Forest Department ..	4,27,959	3,71,177	..	3,85,215	4,36,990	1,40,103
Revenue Department—						
Timber	15,749	15,173	..	40,693	13,168	17,046
Firewood and charcoal. ..	12,212	7,596	..	25,378	24,959	11,707
Bamboos	133	8	..	23	5	54
Other minor produce ..	38,413	2,41,354	..	74,525	29,349	5,832
Total, Revenue Department ..	66,507	2,64,131	..	1,40,619	67,481	34,639
Total (b) ..	4,94,466	6,35,308	..	5,25,834	5,04,471	1,74,742
(c) Drift and waif wood and confiscated forest produce.	4,243	2,594	..	636	729	1,122
(d) Profits from Government commercial undertakings—						
Nilambur Valley Forests.	..	..	..	..	..	1,50,000
Mount Stuart Forests ..	..	..	..	..	1,993	..
(e) Recoveries of indirect charges from Government commercial undertakings—						
Mount Stuart Forests ..	..	..	..	..	..	..
Nilambur Valley Forests.	..	..	..	..	..	..
Total (e) ..	..	..	..	..	..	..

(e) Represents March supplemental adjustments.

Form No. 39.

Expenditure for 1931-32.

Forest Utilization Officer.	Forest Engineer.	Parlakimedi Mahahs.	Golconda Agency.	Forest College.	Provincial Sylviculturist.	Chenchu officer.	Chief Conservator.	Total.	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	1931-32.	1930-31.
								(16)	(17)
		RS.	RS.	RS.				RS.	RS.
..	..	..	..	..	..	..	..	4,53,285	4,37,342
..	120	3,157	3,043	..	..	..	..	6,08,620	10,23,038
..	..	2,148	..	..	..	..	..	(c)+61,106	56,631
..	..	..	..	..	..	..	..	(c)+550	1,734
..	..	208	..	..	..	..	..	14,150	798
..	120	5,513	3,043	..	..	..	..	6,81,105	10,77,615
..	120	5,513	3,043	..	..	..	..	11,40,390	15,14,957
..	..	6,521	752	..	..	..	..	1,04,163	63,456
..	..	5,553	..	..	..	..	..	6,02,930	7,71,206
..	..	4,022	130	..	..	..	..	3,33,576	3,79,154
..	..	1,358	281	..	..	..	..	(c)+1,848	5,58,800
..	..	13,609	700	..	..	..	..	1,95,001	5,93,408
..	..	..	..	..	..	..	..	(c)+2,069	1,95,001
..	..	31,063	1,863	..	..	..	..	17,94,470	20,74,568
..	..	..	..	..	..	..	..	1,01,839	1,50,628
..	..	..	..	..	..	..	..	81,552	1,14,288
..	..	..	..	..	..	..	..	223	207
..	..	..	..	..	..	..	..	3,89,473	3,65,414
..	..	..	..	..	..	..	..	5,73,387	6,30,537
..	..	31,063	1,863	..	..	..	..	23,70,116	27,05,105
..	..	57	1	..	..	..	..	9,382	10,781
..	..	..	..	..	..	..	..	1,50,000	3,06,698
..	..	..	..	..	..	..	..	(c)+93,077	..
..	..	..	..	..	..	..	..	1,993	38,463
..	..	..	..	..	..	..	..	(c)+17,127	..
..	..	..	..	..	..	..	..	..	3,45,161
..	..	..	..	..	..	..	..	(c)+15,131	48,535
..	..	..	..	..	..	..	..	(c)+20,038	..
..	..	..	..	..	..	..	..	(c)+35,169	48,535

Summary of Revenue and

Budget heads.	First Circle.	Second Circle.	Third Circle.	Fourth Circle.	Fifth Circle.	Sixth Circle.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
VIII. FOREST—RECEIPTS—	RS.	RS.	RS.	RS.	RS.	RS.
<i>cont.</i>						
(g) Miscellaneous—						
Fines and forfeitures ..	4,086	8,648	5	5,002	3,860	3,164
Forest College ..	..	..	..	..	..	..
Rents of buildings ..	6,475	9,595	622	7,615	6,879	11,394
Other sources ..	38,525	53,763	197	65,440	67,649	41,285
Total (g) ..	49,086	72,006	824	78,057	78,388	55,843
Grand Total ..	5,98,965	7,34,364	838	8,68,605	8,65,588	8,89,710
Deduct — Refunds — Voted—Re-	4,133	2,516	..	15,416	10,119	2,889
funds by forest officers.						
Net Total ..	5,94,832	7,31,848	838	8,53,189	8,55,469	8,86,821
Added or deducted with reference	+ 2,501	+ 219	- 49	..	- 189	+ 48
to Accountant-General's actuals.						
	5,97,333	7,32,067	789	8,53,189	8,55,280	8,86,869

EXPENDITURE.

8. (b) Forest Conservancy, Maintenance and Regeneration.

I. Forest produce removed by Government agency—Voted—

Timber ..	3,739	7,288	..	1,288	73,032	2,02,104
Firewood and charcoal ..	63	122	..	..	..	10,263
Bamboos ..	..	100	..	..	..	1,263
Sandalwood ..	..	203	..	17,922	19,821	2,940
Grass and other minor produce.	7,872	..	..	50	403	511
Total I ..	11,674	7,713	..	19,260	93,256	2,17,081

(c) Represents March supplemental adjustments.

Expenditure for 1931-32—cont.

Forest Utilization Officer.	Forest Engineer.	Parlakimedi Maliahs.	Golconda Agency.	Forest College.	Provincial Sylviculturist.	Chenchu officer.	Chief Conservator.	Total.	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	1931-32.	1930-31.
RS.	RS.	RS.	RS.	RS.			RS.	RS.	RS.
..	..	132	..	..	..	..	..	24,897	18,524
..	..	..	..	55,794	..	..	..	(c) + 45	54,689
39	..	187	80	1,162	..	..	..	55,794	52,617
130	2,359	981	58	101	..	..	3,116	44,039	3,57,005
								(c) + 8,611	
								2,74,504	
								(c) + 4,146	
160	2,359	1,300	138	57,057	..	..	3,116	3,99,234	4,82,835
160	2,479	37,933	5,045	57,057	..	..	3,116	40,66,262	51,07,374
								(c) + 2,23,778	
233	7	81	1	..	..	..	..	35,395	89,476
73	2,472	37,852	5,044	57,057	..	..	3,116	40,28,465	50,17,898
+ 100	+ 1	..	..	..	..	..	..	+ 2,631	..
								(c) + 2,23,778	94
27	2,473	37,852	5,044	57,057	..	..	3,116	42,54,874	50,17,804

3,042	899	1,075	1,770	..	..	..	..	2,94,237	5,35,697
..	..	286	..	..	..	..	..	10,734	20,393
65	..	..	..	..	..	..	..	1,363	782
24	..	68	..	..	..	..	..	40,951	77,985
								8,928	13,568
3,131	899	1,429	1,770	..	..	..	..	3,56,213	6,48,425

Summary of Revenue and

Budget heads.	First Circle.	Second Circle.	Third Circle.	Fourth Circle.	Fifth Circle.	Sixth Circle.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
EXPENDITURE—cont.						
8. c. Establishments.						
I. 1. Pay of officers—						
Non-voted ..	85,537	70,107	..	76,008	83,726	82,312
Voted ..	35,094	25,319	..	20,895	32,113	53,386
2. Pay of Establishments—						
Voted—						
Permanent ..	2,27,156	2,29,622	— 63	2,19,394	2,01,894	2,22,666
Temporary ..	6,773	4,149	..	8,409	4,205	7,810
3. Allowances—Non-voted—						
Travelling allowance ..	13,720	10,549	..	10,583	15,743	16,407
Cost of passages ..	1,920	404	..	9,025	23	1,861
Voted—						
Travelling allowance ..	28,882	28,518	— 23	23,243	26,319	36,574
Fixed travelling allowance ..	10,017	10,539	..	9,910	9,188	12,009
Other compensatory ..	3,915	4,917	4	2,980	3,602	8,279
4. Contingencies and supplies and services.	..	..	..	481	..	..
Non-voted—						
Rates and taxes ..	3,759	1,977	..	..	2,447	608
Voted—						
Rents of Public Works	13,143	10,221	252	17,730	9,914	8,477
Department buildings	..	..	..	..	..	..
Apparatus and materials ..	926	825	..	853	744	663
Service postage and telegram charges.	5,169	5,730	..	6,129	4,834	5,483
Tour charges ..	2,888	4,208	..	2,853	2,433	2,205
Office expenses ..	1,902	4,007	..	2,902	3,878	1,872
Miscellaneous ..	4,138	2,277	..	1,479	896	1,674
Telephone charges ..	38	..	..	..	..	..
Deduct recoveries on account of Public Works	— 4,054	— 2,441	— 252	— 5,625	— 3,182	— 612
Department buildings.	4,41,023	4,10,928	— 82	4,07,279	3,98,777	4,61,874
Total ..	(a) + 6	..	..	(a) + 1	(a) — 2	(a) + 2
8. C. B. Research ..	..	..	..	..	..	..
8. C. C. Exploitation ..	..	..	..	..	..	..
8. C. D. Forest College ..	..	..	..	..	..	..
8. C. E. Chenchu Officer ..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..
52-A. Capital Outlay on Forests.	..	..	..	..	..	..
I. (a) Forest surveys ..	295	..	..	620	..	..
(b) Organization, improvements and extension of Forests—Reserved—	..	..	..	..	..	..
A. Demarcation—Voted—	..	..	..	..	..	..
Demarcation ..	1,581	..	..	488	277	118
Cost of forest settlement and compensation for land and rights.	..	..	..	76	..	..
B. Sowing and planting ..	4,799	..	..	..	1,006	..
C. Other charges—Voted—	..	..	..	..	..	..
Working plans ..	..	..	19,554	..	..	2,475
Other miscellaneous charges.	..	..	..	52	20	..
Total I ..	6,675	..	19,554	1,236	1,263	2,593

(a) Added or deducted with reference to Accountant General's actuals.

FOREST DEPARTMENT

Expenditure for 1931-32—cont.

Forest Engineer.	Forest Utilization Officer.	Parlaki-medi Maliahs.	Gol-gonda Agency.	Forest College.	Provincial Syl-viculturist.	Chenchu officer.	Chief Conservator.	Total.
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	1931-32. 1930-31.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	(16) (17)
..	..	1,166	..	..	..	..	..	RS.
..	..	7,926	..	..	..	..	352	3,98,856 4,21,169
..	..	15,908	3,637	..	..	..	..	1,75,058 1,71,990
..	..	1,201	1,056	..	..	..	..	11,53,817 11,71,564
..	..	303	..	..	..	..	..	67,305 76,228
..	..	..	..	..	..	4,693	..	17,926 16,613
..	..	2,791	900	..	..	..	..	1,47,204 1,84,268
..	..	572	196	..	..	..	..	52,461 55,025
..	..	286	132	..	..	..	..	24,115 25,533
..	..	..	..	..	..	..	..	481 ..
..	..	..	62	..	..	..	..	8,853 8,467
..	..	1,953	324	..	..	..	..	62,014 33,785
..	..	58	..	19	..	..	..	4,088 4,564
..	..	215	39	..	..	..	..	27,599 31,830
..	..	407	113	..	..	..	..	15,207 19,030
2	1	793	3	..	..	..	..	15,357 17,628
..	..	199	62	..	..	..	..	10,728 10,919
..	..	711	..	..	..	..	..	38 ..
2	1	33,067	6,524	19	..	..	5,045	16,877 13,201
..	..	..	..	..	..	..	..	21,61,257 (a)+7
..	..	..	..	..	..	..	..	(c)+11,435
..	..	..	..	..	..	..	..	21,75,699
..	..	..	..	..	..	..	..	20,124 52,281
..	..	..	..	..	..	..	..	68,741 1,33,892
..	..	..	..	..	..	..	..	67,766 79,857
..	..	..	..	..	..	..	..	25,378 27,157
..	..	..	..	..	..	..	..	23,57,708 25,55,001
..	..	..	10	..	..	..	..	925 6,281
..	..	..	137	..	..	..	..	2,601 8,727
..	..	..	..	..	..	..	..	76 ..
..	..	..	..	..	..	..	..	5,805 14,263
..	..	..	..	..	..	..	..	22,029 32 } 18,294
..	..	..	147	..	..	..	..	31,468 47,565

FOREST DEPARTMENT

[illegible]

			..	..	..	670	7,212	30,381
			16	..	..		2,262	20,204
- 3,683	..	..		..	..	670		
- 3,683	..	..	16	..	..		9,474	50,585
							(a) + 362	
							(c) + 2,526	
							12,431	

[illegible]

36,838	247	383	670	(a) + 42	90,891
					90,933

Summary of Revenue and

Budget heads.	First Circle.	Second Circle.	Third Circle.	Fourth Circle.	Fifth Circle.	Sixth Circle.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
EXPENDITURE—cont.						
52. A. f. Establishments.						
A. Pay of officers—						
Non-voted	..	..	54,722	..	..	..
Voted	..	..	28,937	..	..	..
B. Pay of establishments—						
Voted—						
Permanent	..	..	45,822	..	..	..
Temporary	..	..	14,230	..	..	..
C. Other charges—Non-voted—						
Travelling allowances (in-						
cluding cost of passages) ..	..	..	12,175	..	..	..
Voted—						
Travelling allowances ..	..	..	20,885	..	..	..
Fixed travelling allowances..	..	..	6,873	..	..	..
Other compensatory	..	..	4,019	..	..	..
Contingencies	..	..	5,092	..	..	..
Supplies and Services.. ..	..	..	1,598	..	..	..
Total	..	..	1,94,353	..	..	..
8. (c) (ii) Research.. ..	..	..	20,124	..	..	..
Abstract.						
VIII. Forest—Receipts	..	..	..	..	..	..
8. Expenditure—						
(a) General Direction—						
Chief Conservator's	..	..	..	..	..	..
Office.						
(b) Conservancy, Mainte-	..	..	..	..	..	..
nance and Regenera-						
tion.						
(c) A, C and D.—District	..	..	..	..	..	..
Establishments inclu-						
ding the Engineering,						
Utilization Officers'						
Division and Forest						
College.						
B. Provincial Sylvicul-	..	..	..	..	..	..
turist.						
E. Chenchu Officer ..	..	..	..	..	..	..
(d) Losses in Govern-	..	..	..	..	..	..
ment Commercial						
undertakings.						
(e) Loss by exchange ..	..	..	..	..	..	..
Expenditure in Eng-	..	..	..	..	..	..
land.						
20. Interest—Interest on deposits	..	..	..	..	..	..
from Depreciation Reserve						
of Government commercial						
undertakings.						
52. A. Capital Outlay on Forests.						
(a) Forest surveys ..	..	..	..	..	..	..
(b) Organization, Im-	..	..	..	..	..	..
provement and Ex-						
tension of Forests—						
Reserved.						
(c) Communications and	..	..	..	..	..	..
Buildings.						

Expenditure for 1931-32—*cont.*

Forest Engi- neer.	Forest Utilization officer.	Parlaki- medi Maliahs.	Gol- gonda Agency.	Forest College.	Provincial Sylvicul- turist.	Chenchu officer.	Chief Conser- vator.	Total.	
								1931-32.	1930-31.
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
..	..	..	..	..	..	..	..	Rs. 54,722	Rs. 71,575
..	..	..	..	..	..	..	..	28,937	23,899
..	..	..	..	..	..	..	..	45,822	} 56,782
..	..	..	..	..	..	..	..	14,230	
..	..	..	..	..	..	..	..	12,175	7,510
..	..	..	..	..	..	..	..	20,835	24,709
..	..	..	..	..	..	..	..	6,873	6,672
..	..	..	..	..	..	..	..	4,019	4,644
..	..	..	..	..	..	..	..	5,092	5,478
..	..	..	..	..	..	..	..	1,598	1,832
..	..	..	..	..	..	..	..	1,94,353	2,13,101
								20,124	
..	..	..	..	..	..	..	..	42,54,874	50,17,898
..	..	..	..	..	..	..	..	1,30,850	1,16,204
..	..	..	..	..	..	..	..	9,71,522	13,19,524
..	..	..	..	..	..	..	..	23,12,223	24,75,562
..	..	..	..	..	..	..	..	63,963	52,281
..	..	..	..	..	..	..	..	25,378	27,158
..	..	..	..	..	..	..	..	..	3,704
..	..	..	..	..	..	..	..	..	2,098
..	..	..	..	..	..	..	..	1,87,507	1,64,280
..	..	..	..	..	..	..	..	..	1,502
..	..	..	..	..	..	..	..	224	6,281
..	..	..	..	..	..	..	..	30,555	41,284
..	..	..	..	..	..	..	..	60,902	1,40,422

Summary of Revenue and

Budget heads.	First Circle.	Second Circle.	Third Circle.	Fourth Circle.	Fifth Circle.	Sixth Circle.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
EXPENDITURE—cont.						
52. A. Capital Outlay on Forests—cont.						
(d) Railways and Tramways.	..	..	..	..	..	..
(e) Livestock, stores, tools and plant.	..	..	..	..	..	..
(f) Establishments: Working Plans Circle.	..	..	..	..	..	..
(g) Investments in Government Commercial undertakings.	..	..	..	..	..	..
(i) Deduct—Receipts and Recoveries on Capital Account.	..	..	..	..	..	..
(j) Deduct—English cost of stores.	..	..	..	..	..	..
Grand total ..	..	..	..	..	..	..
Surplus ...	..	..	..	..	..	..

(a) Added or deducted with reference to the Accountant-General's actuals.
 (c) Represents March supplemental adjustments.

Expenditure for 1931-32—cont.

Forest Engineer.	Forest Utilization officer.	Parlaki-medi Maliahs.	Gol-gonda Agency.	Forest College.	Provincial Sylviculturist.	Chenchu officer.	Chief Conservator.	Total.	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	1931-32.	1930-31.
<i>tract.</i>									
..	..	..	..	..	..	..	..	2,623	..
..	..	..	..	..	..	..	..	12,431	50,585
..	..	..	..	..	..	..	..	1,94,353	2,13,101
..	..	..	..	..	..	..	..	— 3,100	2,82,417
..	..	..	..	..	..	..	..	— 3,314	27,485
..	..	..	..	..	..	..	..	— 2,623	..
..	..	..	..	..	..	..	..	39,86,787	43,04,084
..	..	..	..	..	..	..	..	2,68,087	7,13,814

ANNUAL FORM NO. 41.

Forest Department, Madras Presidency.

Revenue received and outstandings on account of revenue during the year 1931-32.

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.
<i>First Circle.</i>						
Direction .. ..	....	..	57,415 0 0	57,415 0 0	57,415 0 0	..
Ganjam .. ..	....	4,088 13 0	76,732 0 1	80,820 13 1	68,556 0 0	12,264 13 1
Vizagapatam ..	....	2,681 1 0	41,671 1 0	44,358 2 0	44,358 0 0	0 2 0
Godavari, Upper ..	....	2,631 5 0	58,237 13 2	60,929 2 2	60,668 0 0	261 2 2
Do. Lower ..	....	7,863 3 0	1,77,395 5 2	1,85,248 8 2	1,78,268 0 0	6,980 8 2
Guntur .. ..	....	10,417 4 0	1,08,779 0 0	1,19,196 4 0	1,11,517 0 0	7,679 4 0
Nellore .. ..	....	57,381 2 0	67,410 2 0	1,24,791 4 0	74,050 0 0	50,741 4 0
Total ..		85,115 12 0	5,87,643 5 5	6,72,759 1 5	5,94,832 0 0 (b) 42,501 0 0	(a) 77,927 1 5
<i>Second Circle.</i>						
Direction	Timber and other produce.	..	82 9 0	82 9 0	82 9 0	..
Anantapur ..	Do.	1,24,509 5 1	2,21,233 6 6	3,45,742 11 7	2,59,296 12 7	86,445 15 0
Kurnool, East ..	Do.	0 8 0	48,770 15 7	48,771 7 7	47,247 0 7	1,524 7 0
Do. South ..	Do.	16,630 10 0	1,40,197 8 3	1,56,828 2 3	99,798 8 3	57,014 10 0
Do. West ..	Do.	26,293 3 0	1,32,007 2 1	1,58,210 5 1	(a) 15 0 0 1,27,759 13 1	30,450 8 0
Cuddapah, North ..	Do.	20,688 13 0	71,556 8 9	92,215 5 9	78,897 5 9	13,318 0 0
Do. South ..	Do.	4,637 3 0	1,73,550 5 2	1,78,187 8 2	1,18,751 3 0	59,436 5 2
Total ..		1,92,639 10 1	7,87,398 7 4	9,80,038 1 5	7,31,848 4 3 (c) + 219 0 0	(b) 2,48,189 13 2

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Fourth Circle.

Direction	Timber and other forest produce.	7,418 1 10	7,418 1 10	7,418 1 10	..
Chittoor	Do.	78,358 12 11	78,358 12 11	78,292 12 11	66 0 0
Vellore	Do.	3,55,800 2 2	3,58,483 6 2	3,58,335 9 2	147 13 0
Salem, North ..	Do.	1,56,310 10 5	1,56,624 4 5	1,56,522 11 5	101 9 0
Do. Central ..	Do.	1,64,509 13 10	1,65,238 8 3	1,64,824 0 3	404 8 0
Do. South ..	Do.	1,03,143 5 9	1,03,243 5 9	1,03,212 5 9	31 0 0
Total ..		8,65,540 14 11	8,69,356 7 4	(c) 8,68,605 9 4 (e) -15,416 4 0	(b) 750 14 0

Fifth Circle.

Direction	Timber and other forest produce.	66 14 0	66 14 0	66 14 0	..
Kollegal	Do.	1,80,588 1 4	1,83,035 4 7	1,76,535 9 2	6,499 11 5
Coimbatore, North ..	Do.	2,72,844 10 7	3,01,819 12 7	(c) 1,69,448 9 4	1,35,371 3 3
Do. South ..	Do.	(a) 80,916 8 0	2,81,890 13 9	1,83,946 14 9	(b) 97,743 15 0
Madura	Do.	98,740 2 9	1,54,557 1 5	1,90,550 12 1	61,746 8 1
Tinnevely	Do.	2,375 1 0	1,22,535 4 7	(f) 2,235 2 1	1,412 8 0
Tanjore	Do.	..	14,294 14 7	(d) 1,23,497 13 7	..
Total ..		2,16,454 1 0	11,62,115 5 3	8,59,311 7 6 (h) - 189 0 0 (f) - 2,235 2 1	3,02,773 13 9
Coimbatore, South ..	Timber and other forest produce (commercial).	7,422 5 0	87,635 3 1	95,067 8 1	3,022 13 0

Sixth Circle.

Direction	Timber and other forest produce.	10,33,236 7 4	12,57,172 13 4	9,51,376 2 7	(g) 3,05,796 10 9
Mangalore, North ..	Do.	2,23,876 6 0	10,33,236 7 4	2,235 2 1	..
Do. South ..	Do.	25,144 11 6	89,476 4 0	88,115 0 0	26,505 15 6
Wynad	Do.	31,894 8 5	1,15,339 1 6	1,15,001 0 0	35,262 9 11
The Nilgiris ..	Do.	59,710 3 6	1,70,544 0 10	1,95,209 0 0	35,045 4 4
Palghat	Do.	19,691 9 11	96,065 12 10	1,07,718 8 0	8,026 6 9
Do.	Do.	1,49,369 14 0	2,07,528 0 0	(e) + 12 8 0 2,30,398 0 0	1,26,569 14 0

Revenue received and outstandings on account of revenue during the year 1931-32—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.
<i>Sixth Circle—cont.</i>						
Nilambur ..	Timber and other forest produce.	..	1,53,793 0 0	1,53,793 0 0	1,53,793 0 0	..
Direction ..	Do.	..	1,402 0 0	1,402 0 0	1,402 0 0	..
	Total ..	2,88,810 15 4	8,34,248 3 2	11,23,059 2 6	(c) 8,91,619 0 0 (d) — 2,889 0 0 (e) + 48 0 0	(b) 2,31,410 2 6
<i>Add—</i>						
Parlakimedi Malihahs ..	..	..	..	..	37,852 0 0	..
Golkonda Agency ..	..	..	..	..	5,044 0 0	..
Working Plan Circle ..	..	..	..	..	789 0 0	..
Forest Utilization Officer.	..	..	..	..	27 0 0	..
Forest Engineer ..	..	..	..	..	2,473 0 0	..
Forest College ..	..	..	..	..	57,057 0 0	..
Chief Conservator ..	..	..	..	..	3,116 0 0	..
	Grand Total, Presidency.	..	..	..	40,31,096 0 0 (a) + 2,23,778 0 0	..
					42,54,874 0 0	..

Note for First Circle. (a) Of this Rs. 7,105 fell due during the year 1931-32 and Rs. 50,740 represent balance of lease amounts of Sriharikota fuel coupes (Nellore) to be worked in 1932-33 but sold in March 1932.
(b) Added with reference to the Accountant-General's actuals.

Note for Second Circle. (a) Compensation amount written off in Kurnool District Magistrate's L. Dis. No. 4630/31, dated 22nd October 1931, as the accused in the forest offence has undergone imprisonment.
(b) Out of this amount, the sum of Rs. 2,41,760-0-2 falls due after 31st March 1932.
(c) Added with reference to the Accountant-General's actuals.

Note for Fourth Circle. (a) Deducted refunds not taken into account.
(b) There are no outstandings on account of sales effected by the Forest Utilization officer.
(c) Revenue as per Form No. 39 is Rs. 8,68,605. The difference of Rs. 0-9-4 is due to figures in Form No. 41 having been worked out to the nearest pie.

Note for Fifth Circle. (a) Includes Rs. 63,918 on account of sales effected by the Forest Utilization Officer.
(b) Includes Rs. 89,247-8-0 on account of sales effected by the Forest Utilization Officer.
(c) Excludes Rs. 2,639 relating to the Nilgiris and includes Rs. 379-15-0 realization in that district.
(d) Includes Rs. 6,030-15-11 realized in the Fourth Circle on account of sale of sandalwood.
(e) Includes the value of sleepers supplied to railways during 1931-32.
(f) Deleted from the accounts under proper sanction.
(g) Out of this, a sum of Rs. 15,537-13-10 represents overdues which includes Rs. 10,044-10-9 due from contractor A. Subba Pillai whose letter patent appeal is still pending in the High Court. Out of this amount, a sum of Rs. 5,772-7-2 has since been written off as it had been made good by amount realized by re-sale of the coupes.
(h) Deducted with reference to the Accountant-General's actuals.

Note for Sixth Circle. (a) Written off.
(b) Out of this, a sum of Rs. 7,036-12-8 represents overdues, which includes Rs. 1,006-14-8 of the Nilgiri division under recovery in 1932-33.
(c) Includes Rs. 1,939 realized in the Fifth Circle on account of sale of sandalwood.
(d) Refunds.
(e) Added with reference to the Accountant-General's actuals.

General— (a) Represents March Supplemental adjustments.

ANNUAL FORM No. 42.

Forest Department, Madras Presidency.

Financial Results for the year 1931-32.

District.	Timber and other produce removed from the forest by Government Agency.		Other revenue.		Formation, protection and improve- ments of forests.	Total.	
	Receipts. Charges.		Receipts. Charges.			Receipts. Charges.	
	RS.	RS.	RS.	RS.		RS.	RS.
<i>First Circle.</i>							
Ganjam	3,928	756	65,850	86,577	54,828	69,778	{ 1,42,161 + (b) 56,236
Vizagapatam ..	4,940	4,945	40,257	43,528	7,665	45,197	56,138
Godavari, Upper.	29,462	7,140	31,775	67,070	30,114	61,237	1,04,324
Do. Lower.	2,145	10,319	1,76,325	83,993	24,049	1,78,470	1,18,361
Guntur	286	1,040	1,12,587	73,170	4,857	1,12,873	79,367
Nellore	10,409	12,572	1,21,001	53,826	7,036	1,31,410	73,434
Total	51,170	36,772	5,47,795	4,08,464	1,28,519	5,98,965	5,73,785
						(a) — 4,133	+ (b) 56,236
						+ 2,501	
						(b) 5,97,332	
<i>Second Circle.</i>							
Anantapur ..	(a) 1,104	197	2,59,254	58,887	18,238	2,60,358	77,322
Kurnool, East ..	1,403	1,175	45,857	54,633	18,874	47,260	74,682
Do. South.	12,107	3,876	87,719	63,421	20,479	99,826	87,776
Do. West ..	4,740	1,002	1,23,037	74,088	26,423	1,27,777	1,01,513
Cuddapah, North.	109	..	78,802	53,827	17,145	78,911	70,972
Do. South.	(b) 6,130	1,464	1,12,724	65,643	20,645	1,18,854	87,752
Total	25,593	7,714	7,07,393	3,70,499	1,21,804	7,32,986	5,00,017
						(c) + 219	
<i>Fourth Circle.</i>							
Chittoor	3,567	2,068	74,746	73,784	21,322	78,313	97,174
Vellore	1,32,545	9,463	2,25,866	1,11,411	19,994	3,58,411	1,40,868
Salem, North ..	92,847	17,776	63,700	80,388	(a) 35,282	1,56,547	1,33,446
Do. Central ..	14,004	4,199	1,50,892	82,047	11,531	1,64,896	97,777
Do. South ..	13,929	4,234	89,323	58,199	9,924	1,03,252	72,357
Total	2,56,892	37,740	6,04,527	4,05,629	98,053	(b) 8,61,419	5,41,622
						(c) — 15,416	
<i>Fifth Circle.</i>							
Kollegal	1,12,250	13,485	64,297	65,951	14,132	1,76,547	93,568
Coimbatore, North.	66,409	21,370	1,03,050	77,063	27,550	1,69,459	1,25,983
Do. South.	97,494	85,904	86,164	48,162	43,254	1,83,958	1,77,320
Madura	1,772	1,140	1,89,790	96,735	25,230	1,91,582	1,23,105
Tinnevely ..	10,160	6,216	1,13,349	64,735	12,611	1,23,509	83,592
Tanjore	..	15	14,306	1,487	267	14,306	1,769
Total	2,88,085	1,28,160	5,71,256	3,51,133	1,23,044	(a) 8,59,341	6,05,337
						(b) — 189	

Note for the First Circle—(a) Refunds.

(b) Government commercial undertakings—1. Russellkonda Sawmill.

Note for the Second Circle—(a) Includes the sum of Rs. 1,049 being the value of sandalwood realized in Vellore division. (b) Includes the sum of Rs. 89 being the value of sandalwood realized in Vellore division. (c) Added with reference to Accountant-General's actuals.

Note for the Fourth Circle—(a) Includes Rs. 20,124 spent on the investigation of spike disease in sandal in the North Salem division under "S. C." Research II. (b) Excludes Rs. 7,186 sandalwood revenue relating to other circles. (c) Refunds. The figures in this return agree with Form No. 39.

Note for the Fifth Circle—(a) Excludes Nilgiri Revenue (Rs. 1,939 + Rs. 380) and includes Rs. 6,031 credited in the Fourth Circle and Rs. 380 credited in the Nilgiris district. (b) Deducted to tally with Accountant-General's actuals.

Financial Results for the year 1931-32—cont.

District.	Timber and other produce removed from the forests by Government agency.		Other revenue.		Formation, protection and improve- ments of forests.	Total.	
	Receipts. Charges.		Receipts. Charges.			Receipts Charges.	
	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.
<i>Sixth Circle.</i>							
Mangalore, North.	39,882	36,982	48,318	40,603	7,091	88,200	84,676
Do. South.	80,766	99,875	34,320	27,048	15,243	1,15,086	1,42,166
Wynaad	1,68,793	1,73,513	26,501	22,154	95,450	1,95,294	2,91,117
The Nilgiris ..	80,311	52,618	28,397	37,799	35,875	(e) 1,08,708	1,26,292
Palghat	1,41,082	1,07,487	89,401	38,458	41,254	2,30,483	1,87,199
Nilambur	(b) 1,53,878	(b) 82,514	..	..	..	(b) 1,53,878	(b) 82,514
Inspector of Live- stock.	..	7,737	..	..	..	..	7,737
Total ..	6,64,712	5,60,726	2,26,937	1,66,062	1,94,913	(c) 8,91,649	(d) 9,21,701
						(a) — 2,889	
						8,88,760	
						(f) + 48	
<i>General.</i>							
Parlakimedi ..	..	..	..	..	..	37,852	37,570
Mallahs ..	..	..	..	..	..	5,044	10,058
Golconda Agency.	..	..	..	..	..	27	
Forest Utilization Officer.	..	..	..	..	..	2,473	68,741
Forest Engineer- ing Branch.	..	..	..	..	..	57,057	67,766
Forest College ..	..	..	..	..	..	789	1,94,353
Working Plans Circle.	..	..	..	..	..	3,116	1,30,850
Chief Conservator.	..	..	..	..	..	..	63,693
Provincial Sylvi- culturist.	..	..	..	..	..	..	25,378
Chenchu Officer ..	..	..	..	..	..	..	..
Expenditure in England.	..	..	..	..	..	..	..
	..	..	..	..	..	40,31,096	39,61,482
						(a) + 2,23,778	(a) + 25,305
						42,54,874	
							39,86,787

Note for the Sixth Circle—(a) Refunds. Deducting them the revenue will be Rs. 8,88,760 (vide paragraph 39 of the report). (b) Figures represent revenue and expenditure for the whole division. (c) Revenue of Direction has been apportioned amongst divisions. (d) Expenditure under Direction has been apportioned amongst divisions. (e) Includes Rs. 1,939 realized in the Fifth Circle.

(f) Added to tally with Accountant-General's actuals.

General—(a) Represents March Supplemental adjustments.

ANNUAL FORM No. 43.

Forest Department, Madras Presidency.

PART I.

Statement of Livestock (1) elephants and (2) other livestock during 1931-32.

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>First Circle.</i>									
		RS.				RS.	RS. A. P.		
Godavari, Upper..	2	6,204	..	..	2	7,329	(b) 2,098 0 0		
	(a)+	1,125	..	..	..	..	..		
Do. Lower..	1	2,500	..	..	1	2,500	853 0 0		
Total ..	3	9,829	..	..	3	9,829	2,951 0 0		
<i>Second Circle.</i>									
Kurnool, West ..	2	4,000	..	..	2	4,000	864 4 0		
	..	..	..	..	..	..	* 930 0 0		
	..	..	..	..	..	..	† 136 15 0		
Total ..	2	4,000	..	..	2	4,000	1,931 3 0		
<i>Fourth Circle—Nil.</i>									
<i>Fifth Circle.</i>									
Coimbatore, South.	34	76,850	..	15	19	59,600	27,668 10 0		
Total ..	34	76,850	..	15	19	59,600	27,668 10 0		
<i>Sixth Circle.</i>									
Mangalore, North.	7	12,200	..	3	4	5,200	4,480 3 9		
Do. South.	12	24,400	4	2	14	31,000	9,460 11 9		
Wynaad ..	37	74,900	18	14	41	79,150	28,519 0 0		
Nilambur ..	22	70,500	1	2	21	63,600	17,962 7 11		
Nilgiris ..	11	22,400	3	7	7	22,600	6,422 2 11		
Palghat ..	4	10,000	..	4	4	..	..		
Total ..	93	2,19,400	26	32	87	2,01,550	66,844 10 4		
Grand Total, Presidency.	132	3,10,079	26	47	111	2,74,979	99,395 7 4		
(2) OTHER LIVESTOCK.									
<i>First Circle.</i>									
Nellore ..	† 1	40	† 1	† 1	† 1	45	5 0 0		
Total ..	1	40	1	1	1	45	5 0 0		
<i>Second Circle.</i>									
Anantapur ..	† 2	75	..	..	† 2	75	20 0 0		
	..	..	..	..	..	..	† 34 1 0		
	..	..	..	..	..	..	54 1 0		
Total ..	2	75	..	..	2	75	54 1 0		

Note for the First Circle.—(a) The plus entry is due to adoption of the original value of the elephant Saraswati obtained from Revenue records and to addition of the cost of transport of Chenchalpyari from Sonepur to Upper Godavari to the capital cost of the elephant.

(b) Out of Rs. 2,098 two-fifths is debitable to the Revenue Department.

Note for the Second Circle.—* Pay of establishment.

† Expenditure on account of the Inspector of Live-stock.

† Buffaloes.

Statement of Livestock (1) elephants and (2) other livestock during 1931-32—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.							
<i>Fourth Circle.</i>							
Chittoor ..	1	15	..	..	1	15	51 12 0
Total ..	1	15	..	..	1	15	51 12 0
<i>Fifth Circle—Nil.</i>							
<i>Sixth Circle.</i>							
Wynaad ..	9	799	3	10	2	378	754 0 0
Nilambur ..	22	1,680	..	2	20	1,450	3,600 13 4
Nilgiris ..	4	305	2	2	4	305	1,524 8 2
Total ..	(a) 35	2,784	(b) 5	(c) 14	(d) 26	2,133	5,879 5 6
Grand Total, Presidency.	39	2,914	6	15	30	2,268	5,990 2 6

(a) 26 buffaloes, 4 bulls and 5 asses.
(c) 4 buffaloes, 2 bulls and 8 asses.

(b) 2 bulls and 3 asses.
(d) 22 buffaloes and 4 bulls.

PART II.

Statement of Elephants gone off the list during the year 1931-32.

District.	Names.	When purchased or otherwise obtained by Government.	Age.	How disposed of.
		<i>First Circle—Nil.</i>		
		<i>Second Circle—Nil.</i>		
		<i>Fourth Circle—Nil.</i>		
		<i>Fifth Circle.</i>		
South Coimbatore.	1. Kamala ..	Captured on 23rd August 1928 ..	20	Sold on 20th April 1931.
	2. Lakshmi ..	Do. 12th September 1929.	27	Sold on 25th July 1931.
	3. Tharabai ..	Do. 25th October 1929 ..	62	Do.
	4. Rangī ..	Do. do. ..	2½	Do.
	5. Pushpa ..	Do. 25th July 1930 ..	5½	Died on 24th April 1931 and written off in Conservator's sanction Order No. 57/31, dated 5th May 1931.
	6. Kaveri ..	Do. 3rd July 1930 ..	7	Sold on 20th April 1931.
	7. Chandra ..	Do. 19th October 1930 ..	5½	Sold on 25th July 1931.
	8. Kanthimathi.	Do. do. ..	56	Died on 1st May 1931 and written off in Conservator's sanction Order No. 58/31, dated 9th May 1931.
	9. Viswanath ..	Do. do. ..	5½	Sold on 25th July 1931.
	10. Kowsallya ..	Do. 23rd November 1930.	5½	Do.
	11. Karthiyaini.	Do. do. ..	3½	Do.
	12. Sakuntala ..	Do. 17th November 1930.	5½	Died on 3rd June 1931 and written off in Conservator's sanction Order No. 29/31, dated 23rd June 1931.
	13. Vimala ..	Do. 2nd December 1930.	5	Sold on 25th July 1931.
	14. Vasudevan ..	Do. 11th December 1930.	5½	Do.
	15. Sumatrai ..	Do. do. ..	5½	Sold on 20th April 1931.
		<i>Sixth Circle.</i>		
North Mangalore.	Cesar ..	Captured on 12th February 1910.	32	Transferred to South Mangalore division.
	Rukmani ..	Do. 22nd May 1926 ..	23	Do.
	Rustom ..	Born to elephant Peri on 1st February 1929.	3	Transferred to Wynaad division.
South Mangalore.	Mohan ..	Born to Isabella on 5th December 1929.	2	Do.
	Rukmani ..	Captured on 22nd May 1926 ..	23	Do.
	Madhavan ..	Do. 12th March 1906 ..	29	Died.
Wynaad.	Chandramathi ..	Do. 22nd February 1927.	49	Transferred to South Mangalore division.

Statement of Elephants gone off the list during the year 1931-32—cont.

District.	Names.	When purchased or otherwise obtained by Government.	Age.	How disposed of.
		<i>Sixth Circle—cont.</i>		
	Girija ..	Captured on 5th May 1928 ..	47	Transferred to South Mangalore division.
	Siruvani ..	Do. 7th March 1916 ..	30	Sold.
	Parvathi ..	Do. 5th April 1928 ..	26	Died.
	Bhisthi ..	Do. 16th February 1930.	4½	Sold.
	Seethamma ..	Do. 19th February 1931.	8	Do.
	Sugunthamma ..	Do. 4th April 1931 ..	6	Do.
	Radha ..	Do. do. ..	2	Do.
	Madhavi ..	Do. 11th April 1931 ..	3	Do.
	Achuthan ..	Do. 1st March 1931 ..	7	Do.
	Rama ..	Do. 15th February 1931.	12	Do.
	Rustom ..	Born to elephant Peri on 1st February 1929.	3	Do.
	Mohan ..	Born to elephant Isabella on 5th December 1929.	2	Do.
	Bomman ..	Captured on 27th February 1913.	43	Died.
	Nithiyan ..	Do. 26th January 1928..	13	Do.
	Rama ..	Do. 15th February 1931.	12	Transferred to Wynaad division.
	Achuthan ..	Do. 1st March 1931 ..	7	Do.
	Kunthi ..	Do. do. ..	30	Do.
	Lalitha ..	Do. do. ..	35	Do.
	Sakuntala ..	Do. do. ..	15	Do.
	Damodaran ..	Born to Lalitha on 25th May 1931.	1	Do.
	Indrani ..	Born to Ganga on 21st January 1930.	2	Do.
	Govind ..	Captured on 23rd May 1926 ..	15	Died.
	Akbar ..	Do. 10th February 1923.	17	Transferred to the Nilgiris division.
	Elsie ..	Do. 31st May 1907 ..	45	Transferred to Wynaad division.
	Kamakshi ..	Do. 11th April 1914 ..	34	Transferred to the Nilgiris division.
	Gulbahar ..	Do. 9th May 1931 ..	1½	Sold.

ANNUAL FORM No. 44.
Forest Department, Madras Presidency.
Abstract showing the Value of Stores, Tools and Plant for 1931-32.

District,	(1)	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.	
		Number.	Value.	Number.	Value.	Number.	Value.	Value.	Value.
		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			Rs.		Rs.		Rs.	Rs.	Rs.
<i>First Circle.</i>									
Direction	..	317	5,071	..	2,815	317	5,071	..	..
Ganjam	..	4,521	1,58,034	(a)	1,43,480	4,765	17,359	..	1,40,875
Vizagapatam	..	1,571	8,828	(a)	560	1,578	9,187	359	..
Upper Godavari	..	4,223	18,823	(a)	737	4,214	19,278	582	..
Lower Godavari	..	3,028	36,823	(a)	155	3,081	36,919	1,148	..
Guntur	..	5,798	15,221	(a)	43	3,715	16,419	198	..
Nellore	..	38,326	63,895	(a)	799	38,226	69,465	..	430
		+ 9 miles of tram.		46	145				
				146	575				
Total	..	57,781	3,12,568	814	5,469	55,896	1,73,760	..	1,38,818
		+ 9 miles of tram.		2,702	145,339				

<i>Second Circle.</i>									
Direction	..	395	6,567	..	..	392	6,431	..	133
Anantapur	..	3,956	11,676	..	..	3,511	11,105	..	571
Kurnool, East	..	3,621	17,103	..	..	3,601	16,891	..	212
<i>Third Circle.</i>									
Do. South	..	3,619	16,729	..	..	3,581	16,666	..	1,083
Do. West	..	6,397	25,002	..	..	5,315	24,975	..	27
Cuddapah, North	..	3,915	13,372	..	..	3,901	14,285	913	..
Do. South	..	3,459	15,590	..	..	3,403	16,839	249	..
Total	..	25,392	1,07,039	..	..	23,761	1,06,195	..	814

<i>Fourth Circle.</i>									
Direction	..	226½	* 6,931	(a)	291	232½	7,122	101	..
Chittoor	..	4,017	13,350	(b)	100	4,029	14,003	653	..
Vellore	..	8,390	29,013	(b)	945	9,334	29,498	485	..
Salem, North	..	3,988	20,652	(b)	801	3,816	21,753	1,101	..
Do. Central	..	3,642	14,091	(b)	802	3,442	13,988	..	103
Do. South	..	† 3,971½	14,172	(b)	366	3,887	15,233	1,061	..
				(b)	459				
				(b)	1,582				
				(b)	521				
Total	..	24,235	98,209	(a) + 2,335	(a) + 5,616	24,740½	1,01,597	3,388	..
				(b) - 1,829½	(b) - 3,228				

Note for the First Circle—

(a) Represents exclusions and is made up as follows:—
Rupees 1,42,928 the book value of the Russellkonda Sawmill machinery and spare parts which were disposed of during the year.
2,411 value of articles sold or written off.

Rs. 1,45,339

(b) District Forest Officer, Lower Godavari, reports that articles not valued previously have been valued and values of some articles are enhanced with reference to their present condition and market value.

(c) District Forest Officer, Upper Godavari, reports that the difference is due to mistakes in totalling.

Note for the Fourth Circle—

(a) Additions.

(b) Exclusions.

* Correct figure.

† Difference is due to omission of two articles in last year's return.

Abstract showing the Value of Stores, Tools and Plant for 1931-32—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.	
	Number.	Value.	Number.	Value.	Number.	Value.	Value.	Value.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		RS.		RS.		RS.	RS.	RS.
Fifth Circle.								
Direction	288	3,012	(a) 6	86	221	2,898	..	114
			(b) 53	200				
Kollegal... ..	2,634	9,703	(a) 161	1,217	2,741	10,747	1,044	..
			(b) 54	173				
North Coimbatore ..	3,439	14,362	(a) 155	808	3,573	15,108	746	..
			(b) 22	62				
South Coimbatore ..	4,693	57,842	(a) 246	1,531	3,193	54,617	..	3,225
			(b) 1746	4,756				
Madura	3,525	10,515	(a) 107	711	3,352	10,770	255	..
			(b) 280	456				
Tinnevely	3,692	15,750	(a) 452	237	4,088	14,412	..	1,338
			(b) 53	1,575				
Vernacular Training School ..	394	309	(a) 2	4	390	310	1	..
			(b) 6	3				
Total	19,645	1,11,493	(a) 1,130	4,594	17,558	1,08,862	..	2,631
			(b) 2,217	7,225				
Sixth Circle.								
Direction	391	6,801	7	17	397	6,813	12	..
			1	5				
North Mangalore ..	1,773	13,701	75	1,011	1,723	13,385	..	316
			125	1,327				
South Mangalore ..	4,101	44,698	426	2,553	3,829	44,170	..	528
			698	3,081				
Wynaad	4,707	43,495	1,484	5,555	5,732	47,017	3,522	..
			459	2,013				
Nilambur	2,566	18,693	288	3,327	2,462	20,550	1,857	..
			392	1,470				
The Nilgiris	1,622	13,763	84	472	1,568	13,711	..	52
			138	524				
Palghat								
.. ..	1,984	12,249	186	823	2,020	12,361	112	..
			150	721				
Forest Engineer, Coimbatore.	9,188	2,00,118	225	717	9,227	1,99,693	..	426
			186	1,142				
Total	26,332	3,53,518	2,775	14,465	26,958	3,57,700	4,182	..
			2,149	10,383				
Forest Utilization Officer	157	3,298	—	426	153	2,872	..	426
Principal, Forest College	7,279	51,905	317	1,697	7,586	53,602	..	..
Parlakmedhi Mahals ..	895	5,797	7	123	(c) 894	6,870	73	..
			8	50				
Grand Total, Presidency ..	180,719	10,43,827	8,026	37,035	157,514	9,10,443	..	1,33,379
			11,192	1,71,415				

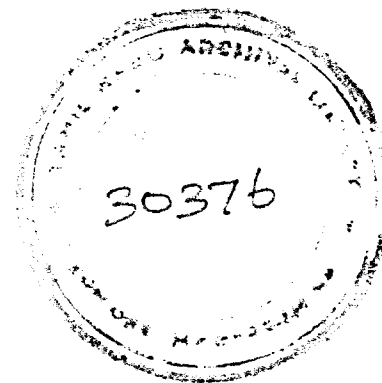
Note for the Fifth Circle.—

(a) Additions.

(b) Exclusions.

Note for the Sixth Circle.—

(c) 894 shown in the closing balance of the last year's return is a mistake for 895.



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J.B. 211 & 232

Government of Madras

DEVELOPMENT DEPARTMENT

G.O. No. 1581, 8th December 1932

Forests—Administration report—1931-32—Recorded.

READ—the following paper :—

From the Chief Conservator of Forests, dated 20th October 1932,
Press No. 459/32.

Order—No. 1581, Development, dated 8th December 1932.

Recorded.

2. The report is an interesting record of steady progress on the lines laid down by Government in 1931, when it was decided to abandon large-scale mechanical exploitation, and concentrate on conservation, protection, and a limited kind of exploitation.

This policy does not lend itself to spectacular results; and the administration must be judged mainly by the degree to which it has steadily discharged the routine duties of conserving the forest property of the State and making its produce readily available for public use; and, further, by the attention it has paid to scientific research into the problems of regeneration and protection against injury by disease.

3. The area of reserved forest is unfortunately far too small to supply more than a small proportion of the public need for fuel, grazing, etc. Only ten per cent of the cattle of the Presidency obtained grazing in the forests including those handed over to panchayat managements; but while the number grazed in panchayat forests showed only a very small decrease as compared with last year, the cattle grazed in forests under departmental management fell from 1,531,661 to 1,409,175—a drop of 8 per cent. The Chief Conservator is investigating the cause of the difference between the two cases; but it may be surmised that while panchayat forests, having little tree-growth of any value, are notoriously apt to be over-grazed, the grazing in the forests under

departmental management may have required special temporary restrictions in the interests of conservancy. The transfer of the issue of permits from commission agents to departmental agency (effected towards the close of the year in order to reduce expenditure) is mentioned by the Chief Conservator as a possible cause of the reduction in the number of permits issued.

4. Decrease occurred also in the amount of fuel, bamboos, and minor produce removed, whether departmentally or by private purchasers and others. In each case the decrease is attributable partly to the reduction in demand resulting from contraction in general purchasing power. But in the case of some minor produce, the competition of imported produce, e.g., African wattle competing with avaram bark, is noticed.

5. If the general economic conditions restricted the consumption of such necessities as fuel, grazing, etc., it is natural to expect no less a curtailment in the consumption of purely commercial products. In fact, the disposal of timber (except sandal-wood, which is in a class by itself and in respect of which special efforts were made to dispose of accumulated stocks) fell far short of the immediately preceding years. The output was only 63,740 tons, which is 25 per cent less than in 1930-31 which again was 11.7 per cent below the figure of 1929-30.

6. The result of these restricted sales of produce is that revenue, in the year under report, exceeded expenditure only by the insignificant figure of Rs. 8,000; or, if the net results of the "commercial concerns" (of which the principal were the Mount Stuart and Nilambur forests) are included, by 2.68 lakhs.

7. This is unpleasant, but inevitable. The prevailing economic difficulties affected forest revenues at every point; demand fell off, prices declined; and the only counter-measure available was a drastic reduction of expenditure which was effected to the extent of 3.17 lakhs, or nearly 8 per cent, by economies which will be of fuller effect in the current year.

In the circumstances it seems clear that the right policy during the period of depression is to augment the scientific knowledge of the department with a view to improving the value of the forest assets against the day when the market will again expand; to make as much progress as possible with plans for the future working of the forests, through the agency of the Working Plans staff and the Forest Engineer; to watch every movement of the market for forest products and be ready to supply the various demands that arise; and to maintain a rigid control of expenditure.

From the report under review it is clear that these objects are steadily kept in view.

8. Since the close of the year to which the report relates the retirement has occurred of the Chief Conservator, Mr. R. D. Richmond, C.I.E.

The Government wish to place on record their high appreciation of the manner in which Mr. Richmond has administered the Forest Department during the past more than five years.

(By order of the Governor in Council)

S. H. SLATER,
Secretary to Government.

To the Chief Conservator of Forests.

" Accountant-General.

" Board of Revenue.

" Secretary to the Government of India, Department of Education, Health

and Lands (with C.L.).

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

Press.