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Administration Report of the
Forest Department For the
year - 1951-52.

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Mis. No. 32/53.

OFFICE OF THE CHIEF CONSERVATOR OF FORESTS,
MOUNT ROAD, MADRAS,
Dated the 17th January 1953.

From

SRI M. KESAVAN UNNI NAYAR, I.F.S.,

CHIEF CONSERVATOR OF FORESTS,

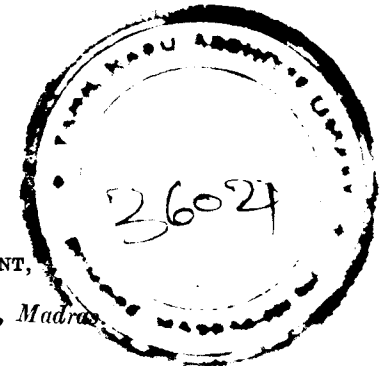
Mount Road, Madras.,

To

THE SECRETARY TO GOVERNMENT,

DEVELOPMENT DEPARTMENT,

Fort St. George, Madras.



SIR,

[Administration Report—Forest Department—1951-52.]

I submit the report of the Forest Administration for the year ending
31st March 1952.

Yours faithfully,

M. KESAVAN UNNI NAYAR,

Chief Conservator of Forests

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ADMINISTRATION REPORT OF THE FOREST DEPARTMENT FOR THE YEAR 1951-52.

CHAPTER I.—INTRODUCTION.

The writer of the report continued to be the head of the Madras Forest Department throughout the year.

2. *Finance.*—The surplus receipts over expenditure amounted to a total of Rs. 127.73 lakhs as compared with a surplus of Rs. 112.53 lakhs in the previous year. There was an increase of revenue from Rs. 186.26 lakhs to Rs. 207.85 lakhs. There was also an increase in expenditure from Rs. 73.73 lakhs to Rs. 80.12 lakhs during the year. Full details are furnished in Chapter VI—Finance.

3. *Forest policy.*—The outstanding event of the year in respect of forest policy was the Government's decision to transfer to the control of the Forest department, the Estate forests initially taken over by the Revenue department under the Madras Estates (Abolition and Conversion into Ryotwari) Act, 1948. During the year the entire Estate forests were taken over except a few which provisionally continue under the management of the zamindars concerned by virtue of the injunction orders issued by the Madras High Court. As a result of the transfer of these forests to the Forest department, four additional forest divisions and one additional territorial circle were formed with effect from 15th October 1951 as detailed in paragraph 9 below.

4. In pursuance of the policy of Government to transfer the management of the panchayat forests in charge of Revenue department to the Forest department, the panchayat forests in the remaining districts, viz., Godavari, Coimbatore, Madurai, Tirunelveli and Ramanathapuram were also taken over during the year. The future management of these panchayat and estate forests is bound to present several difficulties as the villagers living near these areas for years past have been accustomed to exploit them in a manner adversely affecting the forest growth. The object of their transfer, viz., rehabilitation is likely to become difficult of achievement unless the villagers extend their co-operation and the Government their support.

5. The general policy remained unchanged. The policy of working the forests to the best advantage with silvicultural safeguards and with special attention to regeneration was continued. Regeneration of suitable areas with teak and other species continued. In order to meet the increased demand for matchwood and plywood, softwood plantations of quick growing species were raised in suitable localities.

6. *Assistance to villagers.*—The grazing fees which were reduced by half in 1938 continued to be in force throughout the year. Free removal of grass in head-loads was also allowed to continue. Penning and watering facilities in grazing grounds were improved where required.

Owing to prevalence of famine as a result of adverse seasonal conditions in parts of Bellary, Anantapur and Kurnool Divisions and in Cuddapah North and Cuddapah South Divisions, arrangements were made for the supply of hill grass through the agency of the Revenue department to the ryots. Free grazing of cattle except goats was also permitted except in the Bellary Division.

Free grants of building materials were made to the poor to rebuild their houses destroyed or damaged by fire or flood. The requirements of ryots, of fuel and small timber were met as far as possible by localized fellings. *Bona fide* domestic and agricultural requirements of small timber, fuel and bamboos of the local population were met through coupe contractors at fixed rates under the terms of the lease agreements. To provide facilities for increasing food production, free removal of green manure leaves from the special manure leaf coupes and from fuel coupes in advance of fellings was allowed. Land was provided for the poorer classes for temporary cultivation under the *kumri* method under which the lessees were under obligation to raise forest growth along with field crops.

7. *Development*.—The planting of suitable areas with teak in Godavari Lower, Godavari Upper, Visakhapatnam South and Karnool West Divisions was carried out in accordance with the prescriptions of working plans. The expansion of casuarina and other fuel plantations, where possible was also continued.

Owing mainly to labour difficulty, only restricted areas of 317 acres in the Palni Hills and 355 acres in the Nilgiris were planted with wattle during the year against 603 acres and 555 acres respectively during 1950–51. And planting on this reduced scale will continue until labour resources have been organized. Under the combined scheme sanctioned by the Government for the planting of pyrethrum and wattle in the Nilgiris over an aggregate area of 1,800 acres, only a very small extent of 13 acres was actually planted with pyrethrum during the year against the annual target of 120 acres. For want of sufficient seeds for raising nurseries, seeds were imported from Japan and even these failed to germinate.

8. *Organization*.—The posts of Assistant Conservators of Forests sanctioned for the Chingleput, Bellary and Tiruchirappalli Divisions and for the cultivation of wattle in the Palni Hills of Madurai district were continued. The working Plan Circle which was restored temporarily from June 1947 was continued. The Assistant Conservator of Forests posted under the Provincial Silviculturist for works connected with the prevention of soil erosion in the Nilgiris was continued.

The Assistant Conservator of Forests and staff sanctioned for the Malabar district for enforcement of the provisions of the Madras Preservation of Private Forests Act were continued throughout the year. The Assistant Conservator of Forests and staff sanctioned for Visakhapatnam for the same purpose were discontinued partly in October 1951 and completely in November 1951.

9. The Special Forest Circle with two Assistant Conservators and the necessary staff, which was formed on 29th December 1949 consequent on the abolition of Zamindaries, continued to work under the general control of Chief Conservator of Forests in collaboration with the Board of Revenue till the 14th October 1951. The Estate Forests were taken over for management by the Forest department with effect from 15th October 1951, from which date, a new circle called Rajahmundry Circle and subsequently renamed Kakinada Circle, Kakinada, was formed. The following divisions were bifurcated with effect from the same date, viz., 15th October 1951:—

Visakhapatnam Division into Visakhapatnam North and Visakhapatnam South;
Nellore Division into Nellore North and Nellore South;
Chittoor Division into Chittoor East and Chittoor West;
Madurai Division into Madurai East and Madurai West;

10. *Officers*.—The direct recruits selected for the 1950–52 course, completed the Superior Forest Service course successfully in March 1952. Out of three direct recruits selected for deputation to the 1951–53 course, two are undergoing the training at Dehra Dun and the third, having failed in the first year examination, has been deputed again, as a special case to the 1952–54 course.

11. *Rangers*.—Seven Forest Apprentices and thirteen Foresters who were undergoing Rangers' training at the Madras Forest College in 1950–52 course completed their training on 2nd July 1952. Another batch of eighteen Foresters and one clerk deputed to the 1951–53 course are undergoing training at the Madras Forest College, Coimbatore. These students will complete training by the end of June 1953.

12. *Supply of timber to other departments*.—Supply of timber to the Government of India to meet the demands of the Central Government departments was continued. One thousand one hundred and thirty-seven tons of teak and 392 tons of hard wood were supplied to the Railways in log form. About 2,115 tons of teak and 86 tons of hard wood were supplied to the State Departments, House Building Co-operative Societies, Ex-Servicemen Co-operative Societies, etc.

13. *Programme of work*.—The works in 1951–52 were carried out according to programme. The programme for 1952–53 is also normal except for the works being taken up as a measure of Famine Relief in the Rayalaseema area.

14. *Labour*.—The department provides employment on a considerable scale to jungle tribes and labourers in the Plains on forest operations, *kumri* plantations, roads and buildings, etc. The contractors of timber and fuel coupes continued to absorb a great deal of labour. The cost of labour and transport continued to be high due to the increased cost of living.

15. *Forest Acts*.—The Bill for amending the various sections of the Madras Forest Act, 1882, introduced in the State Legislature stands referred to a Select Committee. The Madras Preservation of Private Forests Act continued in force during the year and the staff necessary for the enforcement of the Act was continued throughout the year in the Malabar district; but they were retained only for a part of the year in the Chittoor and Visakhapatnam districts consequent on the estate forests being taken over with effect from 15th October 1951.

Legislation for the constitution of the Wenlock Downs as a National Park has been dropped by Government after the close of the year.

16. Draft amendments to the Madras Game Laws and Rules to afford better protection to the wild animals and wild birds were approved by the Government during the year.

17. *Retrenchment*.—There was no possibility of retrenchment during the year. On the other hand, the need for a larger staff was felt, consequent on the transfer of Panchayat and Estate Forests to the control of the Forest department.

18. Statements showing the financial position of timber, sandalwood and sleeper operations in the major forest divisions in which they are carried on, are appended to this report, after the annual forms.

CHAPTER II.—GENERAL ADMINISTRATION.

(i) ALTERATION IN AREA.

19. The area of reserved forests at the beginning of the year was 18,827 sq. miles. During the year there was a decrease of 5 sq. miles—

2 sq. miles of Class I forests owing to disreservation in Guntur, Salem South and Madurai West Divisions, 2 sq. miles of Class III (ryots) forests owing to disreservation in Nellore North, Chingleput and Coimbatore South Divisions and 1 sq. mile of Class I forests in South Kanara due to rectification of the difference in area. Against this decrease, there was an increase of 3 sq. miles of ryots' forests (Class III) owing to the area of one such forest in the Visakhapatnam South Division not having been taken into account in the previous years. Hence the area at the end of the year was 18,825 sq. miles. It consists of 15,435 sq. miles of protective and remunerative forests (Class I) of which 15,433 sq. miles are managed by the Forest department and 2 sq. miles by other departments and 3,390 sq. miles of ryots forests (Class III) of which 3,379 sq. miles are managed by Forest department, 5 sq. miles by the Adoni Municipality and 6 sq. miles are under the control of the Military Department.

20. The area of reserved lands at the beginning of the year was 92 sq. miles. During the year, an area of 1,915 sq. miles of Estate forests, notified as reserved lands was taken over. The total area at the close of the year was 2,007 sq. miles.

(ii) FOREST SETTLEMENT.

21. The area under settlement at the beginning of the year was 10.90 sq. miles. Settlement was in progress at the end of the year.

(iii) DEMARCATION.

22. There was no new demarcation of reserve boundaries during the year. A total sum of Rs. 853 was spent in the Nilambur Division for the demarcation of enclosures and verification of boundaries in certain leased forests. Out of a total length of 30,105 sq. miles of artificial boundaries, 24,118 miles were cleared by subordinates free of cost and 141 miles were cleared at a cost of Rs. 9,715. Sixty-three miles of frontier boundary lines between Coimbatore district and Mysore and Travancore-Cochin States and 85 miles between Mysore and South Kanara, Malabar and Nilgiris were maintained.

(iv) SURVEY.

23. There was no survey by the Survey of India or Madras Survey Party. All forest reference maps were kept up to date.

Surveys of estate forests were undertaken departmentally in Visakhapatnam North and Visakhapatnam South Divisions for notification under Section 4 of the Madras Forest Act of 1882.

(v) ROADS AND COMMUNICATIONS.

24. The total expenditure on new works and improvements was Rs. 1,28,502 and on repairs Rs. 2,76,174. The expenditure on new works and improvements represents mainly the amounts spent on the formation of a portion of Bhagavathi kunavai-Madeswaramalai road in Kollegal Division (Rs. 69,104) and completing the metalling of the road system in the Palghat and Nilambur Divisions under the Post-War Reconstruction Scheme (Rs. 53,492).

(vi) BUILDINGS.

25. The total expenditure on new works was Rs. 19,384 and on maintenance, Rs. 1,43,133. No new works costing over Rs. 10,000 were undertaken during the year.

(vii) OTHER WORKS.

26. The total amount spent on other works including new works was Rs. 16,546.

(viii) FOREST ENGINEERING.

27. With the abolition of the Forest Engineer's Division on 1st December 1950, the works of the department are being undertaken by the District Forest Officers themselves.

(ix) LIVESTOCK.

(a) Elephants.

28. At the beginning of the year, the department had 135 elephants valued at Rs. 8,69,410. During the year 34 elephants were captured, five calves were born, sixteen were sold, and six died. At the end of the year, there were 152 elephants, revalued Rs. 8,79,100. The total expenditure on the maintenance of the elephants was Rs. 3,65,909.

29. Elephant capturing operations were conducted in Coimbatore South, Wynaad, Nilambur and Nilgiris Divisions at a cost of Rs. 13,546. There were seven captures in Coimbatore South, twenty in Wynaad, and seven in the Nilgiris. The operations in the Nilambur Division were not successful. Of the elephants captured during the year, one died. Sixteen elephants were sold in auction for Rs. 1,15,300. The capturing operations will be continued in 1952-53. The health of the elephants was generally satisfactory.

(b) Cattle.

30. There were twelve heads of cattle at the beginning of the year valued Rs. 1,901. Three buffaloes were purchased during the year—two in the Nilambur Division and one in the Anantapur Division. The number of cattle at the end of the year was fifteen valued Rs. 2,658. They were maintained at a cost of Rs. 7,331.

(x) BREACHES OF THE FOREST ACT.

31. The following table shows the position of the forest cases taken to Court during the year:—

	Number of forest offences of all kinds pending at the beginning of the year.	Cases filed during the year.	Total.	Number convicted.	Number acquitted.			Total.	Total number of convictions and acquittals.	Number pending at the end of the year.
					On payment of compound- ing fees.	After trial.	Withdrawn.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Reserves ..	21,944	19,798	41,742	5,447	6,173	235	572	6,980	12,427	29,315
Unreserves.	944	866	1,810	313	200	2	15	217	530	1,280
Total ..	22,888	20,664	43,552	5,760	6,373	237	587	7,197	12,957	30,595

32. The punishments awarded by the magistrates were generally adequate. Out of the cases relating to reserves taken to Court the magistrates disposed of 11,855 cases. The accused paid compounding fees in 6,173 cases and in 235 cases (1.98 per cent) the accused were acquitted. Out of the cases relating to unreserves taken to Court, the magistrates disposed of 515 cases and in two cases (0.40 per cent) the accused were acquitted. The percentage of convictions in cases arising from reserves including cases in which compounding fees were paid in Court was 98.02 and from unreserves 99.60.

33. The total number of new cases in reserves was 46,759 and in unreserves 3,067. A sum of Rs. 3,98,098 was realized during the year in compounding fees in respect of offences committed in reserved forests and unreserves. The average of the amount of compounding fees was Rs. 1 per case and Rs. 9-15-0 per person.

34. The proportion of cases investigated by District Forest Officer and Range Officers was not up to the prescribed minimum. The minimum number of cases to be enquired into by the District Forest Officers fell short in Guntur, Anantapur, Bellary, Vellore East, Vellore West, Salem South, Chingleput, Madurai West, Tirunelveli, Madurai East and Tiruchirappalli divisions. The minimum number to be enquired into by Range Officers fell short in Visakhapatnam, Anantapur, Bellary, Kollegal, Madurai West, Tirunelveli, Tiruchirappalli and South Kanara divisions. The attention of the officers concerned is drawn to the necessity for improvement in this direction.

Sandalwood cases.

35. The number of sandalwood offences including breaches of the Sandalwood Transit Rules, cases of illicit fellings detected and disposed of is given below:—

Divisions.				Number pending at the beginning of the year.	Detected during the year.	Number compounded.	Number convicted.	Number acquitted or withdrawn or undetected.	Number pending at the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Kurnool East	..	..	..	..	1	..	..	..	..
Chittoor East	..	..	..	..	1	..	..	..	..
Vellore East	..	..	..	3	3	2	1	..	..
Salem South	..	..	..	..	4	..	..	1	..
Tirunelveli	..	..	..	1	3	2	..	..	..
Kollegal	..	..	..	1	..	1	..	..	..
Tiruchirappalli	..	..	..	..	2	1	..	1	..
Nilgiris	..	..	..	1	3	..	..	2	..
Total	..	..	..	8	23	6	1	5	..

The cases were petty ones except two in Nilgiris and one in Chittoor East Division. The case in Chittoor East Division was, however, treated as "undetected" eventually.

36. As usual, the patrol parties were organized in many divisions. The surprise inspections led to the detection of a large number of offences. The watchers employed by the Nilgiris Game Association assisted the Forest staff in detecting forest offences and in the protection of game. The Honorary Game Wardens, appointed in the Nilgiris Division continued to function and to help the Forest department in preventing poaching.

37. Rewards amounting to Rs. 185 were paid in Coimbatore North Division to subordinates and in Tiruchirappalli and Guntur divisions to the public who rendered service to the department in the detection of forest offences.

(xi) PROTECTION FROM FIRE.

38. Special protection extended over an area of 2,499 square miles compared with 2,538 square miles in the previous year. Of this area, 78 square miles or about 3.12 per cent were subsequently burnt. The expenditure on special protection was Rs. 41,560 or Rs. 16-10-1 per square mile.

39. Early burning was carried out over an area of about 114 square miles. The expenditure on the operations was Rs. 219 or Rs. 1-15-0 per square mile. There was no fire in the areas subjected to early burning.

General protection.

40. The area attempted to be protected and that actually protected was 16,217 and 15,667 square miles, respectively. The area burnt was 550 square miles which works out to 3.39 per cent. The expenditure on general protection was Rs. 12,811.

Details as to the numbers and origin of fires will be found in Appendix to Form No. 27.

41. No burnt areas were closed to grazing.

42. The hill tribes in several divisions continued to co-operate with the Forest department in the protection of forest from fire, in return for certain concessions and rewards granted to them. Rewards amounting to Rs. 3,962 were granted to the Malayalees in the Javadi of North Arcot district and in the Chitteris of Salem district for successful fire protection.

(xii) PROTECTION AGAINST INJURIES FROM NATURAL CAUSES.

43. The spike disease on sandalwood continued to be prevalent in Vellore East, Vellore West, Salem South, Salem North, Kollegal and Coimbatore North divisions. The spiked trees are closely watched and extracted and removed as early as possible. In Salem North Division no new trees were affected by spike during the year.

44. There were some sporadic instances of teak defoliation in Coimbatore South and Gollavari Upper Divisions.

Other insect pests.

45. There was the incidence of phassee attack in the casuarina plantations of South Kanara Division. A few cases of the occurrence of *Trichosporium spars* were noticed in some of the casuarina plantations of Nellore North and Nellore South divisions. The disease in the Evodia plantations in the Wynaad Division which is under investigation by the Forest Mycologist, Forest Research Institute, Dehra Dun, still remains unidentified. Insect attack was also noticed in the wattle plantations on the Nilgiris and spraying of insecticide was done in consultation with the Provincial Silviculturist and Agricultural Entomologist.

Lantana is prevalent in almost all the divisions of the Coimbatore circle, where it continues to suppress the natural regeneration of tree species. It is also found, in a mild form, in the Gudum Agency and in Anantapur Division.

Damage by wild animals.

46. Wild elephants continued to cause havoc to young plantations in Coimbatore South, Kollegal, Tirunelveli, Wynad and Nilambur divisions; they caused damage also to the bamboo areas on the northern slopes of the Palnis. Other wild animals, such as bison, sambhur, deer and wild pigs also caused damage to the regeneration areas in Kollegal, Coimbatore South, Tirunelveli and Madurai divisions.

(xiii) FOREST PANCHAYATS.

47. With reference to the orders of Government, the Class III ryots' forests in the remaining districts of Godavari, Coimbatore, Madurai, Tirunelveli and Ramanathapuram also were taken over during the year, thus completing the retransfer of the panchayat reserved forests from the Revenue department to the Forest department for management.

48. The area of panchayat forests under the control of the Forest department at the beginning of the year was 3,215 square miles. The area added during the year was 163 square miles as shown below:—

SQ. MILES.		SQ. MILES.	
Godavari Lower	74	Madurai West	3
Coimbatore North	45	Tirunelveli	11
Coimbatore South	4		—
Madurai East	26	Total	163

One panchayat Reserve Forest measuring about 3 square miles in the Visakhapatnam South Division was left out of account in the previous years. An area of two square miles of panchayat reserve forests in the State was disreserved during the year. Thus the total area under the control of the Forest department at the end of the year was 3,379 square miles.

49. In the case of panchayats where the management is expected to function with reasonable competence, the existing panchayats were allowed to continue to manage their forests under the supervision of the District Forest Officers. At the end of the year, there were still 70 such panchayats (69 in Bellary Division and one in the Vellore West Division) covering an area of about 349 square miles. Government have since ordered that these forests should also be taken over by the Forest department for direct management, thereby placing the entire area of panchayat reserve forests under the direct control of the Forest department.

50. With the limited funds available, it has not yet been possible to rehabilitate these denuded panchayat reserve forests. Except tightening up protection to a certain extent, the policy adopted continued to be generally the same as that in force prior to their transfer to the Forest department. The rights and privileges which the ryots had under panchayat management were continued during the year pending completion of the working plans.

Working plans have been prepared for the panchayat forests in Bellary, Anantapur, Chingleput, Nellore North, and Nellore South divisions. Working plans for the panchayat forests of the Cuddapah North, Cuddapah South, Coimbatore South and Guntur divisions are under preparation.

51. Grazing in the panchayat reserved forests was generally restricted to two acres per cow unit. On the representation of the local ryots, the

grazing possibility of the Kuderu Panchayat Reserve Forest in the Anantapur Division was increased on the basis of one and a half acres per cow unit to meet the demands of the villagers during the year. The grazing possibility in the panchayat forests in three ranges of Tiruchirappalli Division continued on the basis of one acre per cow unit. Due to famine conditions and scarcity of fodder grass, these areas were thrown open to grazing during part of the year in Anantapur, Cuddapah North and Cuddapah South Divisions.

52. The forest hill village system continued to work satisfactorily in many of the villages of the Javadi in the Vellore East and Vellore West Divisions and in the Chitteries and Kalrayans of Salem district. The forest village panchayat system in force in the Tenkahola Reserve Forest (Class I) in South Kanara Division continued under the supervision of the District Forest Officer. The system continued to work satisfactorily.

(xiv) FOREST COLLEGE.

53. The Madras Forest College which was reopened in October 1945 was continued. The administration of the College was taken over by the Government of India from 1st July 1948. Twenty candidates deputed from the Madras State for the 1949-51 course completed their training in June 1951. A batch of seven Forest Apprentices and 13 Foresters deputed for the 1950-52 course completed their course on 2nd July 1952. Another batch of 18 Foresters and one clerk deputed for the 1951-53 course are undergoing training.

(xv) FOREST GUARDS SCHOOL.

54. A combined school for Telugu-speaking foresters and forest guards of Salem and Bellary circles was conducted at Kakinada from 1st June to 30th November 1951. Five foresters and 25 forest guards underwent training.

Another combined school for the Tamil-speaking foresters and forest guards of the Salem, Coimbatore and Ootacamund circles was conducted at Sethumadai in Coimbatore South Division from 1st October 1951 to 30th March 1952. Eleven foresters and 19 forest guards underwent the training.

CHAPTER III.—SILVICULTURE AND RESEARCH.

(i) SYSTEM OF MANAGEMENT.

55. The panchayat forests and the estate forests which were taken over by the department recently are being managed more or less on the same lines on which they were managed by the panchayats and estates, pending preparation of regular working plans. Attempts are being made to stop practices which are definitely injurious to the forest and introduce scientific methods of management gradually. The working of the departmental forests continued in accordance with the prescriptions of the working plans.

(a) *Timber Forests.*

(1) Clear-felling System.

56. As in the past, timber forests were worked mainly under the clear felling or selection system. Under the clear-felling system the areas ar

cleared of all tree growth and artificially regenerated with valuable timber species, mainly teak. Under selection system, only mature trees are extracted and natural regeneration is mainly relied on. The area worked under the clear-felling system was about 3,304 acres.

(2) Selection System.

57. Selection fellings were made in both deciduous and evergreen forest over an area of 22,771 acres against 14,887 acres in 1950-51. Such felling are governed by the principle of sustained yield, i.e., their exploitation during a given period should not exceed the amount of growth they put on in that period.

(b) Fuel Forests.

58. Most of the fuel forests are worked under simple coppice system. Regrowth from coppice was augmented by artificial regeneration under the kumri method in selected areas. The area felled under simple coppice during the year was 40,842 acres compared with 40,210 acres in 1950-51. An area of 850 acres was clear-felled for casuarina planting and concentrated regeneration with other species.

(c) Sandalwood.

59. Sandalwood grows naturally in hill tracts both in the reserves and unreserves of North Arcot, Salem and Coimbatore districts and to a lesser extent in the parts of Chittoor, Cuddapah, South Kanara, the Nilgiris and Tirunelveli districts. It is also introduced artificially in other localities by opening sandal propagation centres. This valuable tree is liable to attack by a virus disease known as the "spike disease". As the mortality from spike is great, extraction is confined only to dead trees. Sandalwood trees were extracted over an area of 209,678 acres.

(d) Bamboos.

60. Bamboos are worked on a three-year felling cycle. The bamboo coupes are leased to contractors who are required to fell them in accordance with the silvicultural rules to ensure adequate regrowth and reduce the risk of fire. The extraction of bamboo extended over an area of 1,382,513 acres.

(ii) GENERAL PROGRESS OF REGENERATION.

A. Mainly Natural.

61. *Concentrated*.—The state of natural regeneration by coppice and seedlings in worked timber and fuel coupes was generally satisfactory.

62. *Not concentrated*.—Natural regeneration was adequate except in the poorer type of forests, especially the panchayat forests. There was profuse natural regeneration of teak and hardwood species in the burnt forests of Mudumalai Range of the Nilgiri Division.

63. The year was a very moderate seed year for important timber and fuel species. There was sporadic flowering of bamboo in Visakhapatnam North, Godavari Upper, Kurnool West, and Salem North Divisions and in Coonoor range of the Nilgiris Division. Gregarious flowering was noticed in Cuddapah South Division and in the Chengam Range of Vellore West Division. Regeneration of bamboos in all the areas where it had flowered was satisfactory.

B. Mainly Artificial.

64. The conversion of mixed deciduous forests into pure teak plantations was continued over an aggregate area of 1,207 acres spread over fourteen divisions, against 1,464 acres in 1950-51. In addition to teak, other timber species were raised over an area of 264 acres. This includes an area of 57 acres of softwood in the South Kanara Division. Of the total area of 1,471 acres of timber plantations, 714 acres were raised in conjunction with field crops.

Fuel plantations were raised over a total area of 1,256 acres of which 546 acres were planted by kumri-lars.

65. *Plantations of Acacia decurrens (wattle)*.—Three hundred and seventeen acres in the Madurai West Division and 395 acres in the Nilgiris Division were planted with wattle during the year.

66. *Casuarina*.—To meet the great demand for fuel from Madras City and other towns, plantations of casuarina are undertaken on a regular programme. The total area planted during the year was 973 acres against 1,196 acres planted in the previous year as detailed below:—

	1950-51.	1951-52.
	ACS.	ACS.
Godavari Lower	82	80
Guntur	40	56
Nellore North	588	430
Nellore South	169	70
Chingleput	83	90
Tiruchirappalli	234	62
South Kanara	234	185
Total	1,196	973

67. *Cashew (Anacardium occidentale)*.—Cashew was dibbled over an area of 98 acres in South Kanara Division by methods other than kumri.

68. *Other plantations*.—Palmyra nuts were dibbled over an area of 100 acres in Tirunelveli Division. In the Nilgiris blue gum was planted over an area of 99 acres. In addition, an area of 148 acres not under working plan was planted with blue gum in the division during the year. In South Kanara Division, an area of 154 acres, likewise not under working plan, was planted with softwood species.

69. *Cinnamon*.—One acre was planted with cinnamon seedlings in South Kanara Division during the year.

70. *Sandal*.—Artificial regeneration of sandal in propagation centres was attempted in Visakhapatnam South, Cuddapah North, Kollegal and Tirunelveli Divisions. Generally the results were not encouraging.

71. *Bamboos*.—In Tiruchirappalli Division artificial regeneration of bamboos by planting rhizomes was continued in Sengathupatti Reserve Forest. Bamboo rhizomes were also planted in Tirunelveli and Anantapur Divisions, but the planting in the Anantapur Division proved a failure.

72. *Pyrethrum*.—The combined scheme for planting pyrethrum and wattle in Nilgiris Division was continued. An area of only 14 acres was planted with pyrethrum due mainly to non-availability of pyrethrum seeds during the year.

C. Afforestation.

73. Afforestation under the Hyderabad method of contour trenching and bunding was tried over two small plots in the Bellary Division. The results are being watched. A scheme for the afforestation of the waste lands in Madurai, Tirunelveli and Ramanathapuram districts was sanctioned by Government during the year. Further planting of trees on the banks of the Pennar river was not undertaken due to delay in the acquisition of land.

74. A small plot of 5 acres in Kuderu Panchayat Reserve Forest of Anantapur Division was planted, as an experiment with *Prosopis Juliflora* and other species under the Hyderabad method. The experiment is reported to be promising.

D. Tending.

75. In the timber forests tending and thinning were done according to the prescriptions in the working plans.

E. Research and Experiments.

76. The normal research activities were continued during the year. On all silvicultural matters of importance, the Provincial Silviculturist continued to render necessary technical advice to the territorial officers.

77. Artificial regeneration of *casuarina* on the lines what is known as the "layering" in vogue in Thailand (Siam) was tried. Fifty cuttings of *casuarina* were obtained from Thailand and the experiment was conducted in the forests of Markanam range of the Chingleput Division. Only 21 cuttings are reported to have successfully responded to the treatment and the remaining dried up due perhaps to damage in transit from Thailand to Madras.

Allowing slight variations in the Thailand method, experiments were also conducted by the District Forest Officer, Chingleput, in the same (Markanam) range on the Madras variety of *casuarina*. The results are being watched.

CHAPTER IV.—WORKING PLANS.

78. The following table indicates briefly the progress in the preparation of working plans for the forests under the control of the Forest department:—

Circle.	Total area of each circle.	Area for which working plans have been completed and sanctioned up to and including the year under review.	Area for which working plans have been completed.	Working plans whose preparation or revision was due to be commenced.	Working plans in course of preparation or revision in 1951-52.
(1)	(2)	(3)	(4)	(5)	(6)
	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.
Kakinada ..	3,971	2,902	Nellore North. 220 Nellore South. 173	Visakhapatnam South Godavari Lower ..	Guntur .. 323
				393	353
Bellary ..	5,595	3,501	Anantapur. 583 Bellary .. 569	Kurnool West. 12	Cuddapah South. 930
				1,152	

Circle.	Total area of each circle.	Area for which working plans have been completed and sanctioned up to and including the year under review.	Area for which working plans have been completed.	Working plans whose preparation or revision was due to be commenced.	Working plans in course of preparation or revision in 1951-52.
(1)	(2)	(3)	(4)	(5)	(6)
	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.
Salom ..	3,753	1,200	Vellore East. 486 Vellore West. 548 Salem North. 705 Chingleput. 256	Chittoor East .. 166 Chittoor West. 43 Vellore East .. 184 Vellore West .. 26 Chingleput .. 82 Salem South .. 57	
			1,995		558
Coimbatore	3,588	1,993	Madurai East. 206 Madurai West. 341 Tirunelveli. 409 Tiruchirappalli. 64	Coimbatore North 45 Madurai East. 14 Tirunelveli. 11 Tiruchirappalli. 99	Coimbatore South. 401
			1,020		169
Ootacamund	1,957	1,181	Wynaad. 275	Palghat .. 4	Nilgiris. 497
Total ..	18,864	10,782	4,835	1,096	2,161

The area covered by the sanctioned working plans at the beginning of the year was 10,782 square miles.

79. The Working Plan Circle which was revived in accordance with G.O. Ms. No. 1959, Development, dated 3rd May 1947, was continued during the year. Working Plan Divisions functioned during the year at the following places:—

Bellary, Anantapur, Nellore, Guntur, Cuddapah South, Nilgiris, Coimbatore South, Tiruchirappalli.

The following is the review of the work done by each.

80. *Bellary Working Plan Division.*—The preparation of the working plan for panchayat forests and for the forests of the two defunct States of Sandur and Banganapalli was completed. The division was closed on the 20th August 1951.

81. *Anantapur Working Plan Division.*—The preparation of the working plan for the panchayat forests was completed and the division was closed on the 15th October 1951.

82. *Nellore Working Plan Division.*—A separate working plan for the panchayat forests of each of the two, Nellore North and Nellore South Divisions, was prepared and the division was closed on the 5th March 1952.

83. *Guntur Working Plan Division.*—The preparation of working plan for the panchayat forests and the revision of the working plan for the class I reserve forests in the division are in progress.

84. *Cuddapah South Working Plan Division.*—The preparation of the working plan for the panchayat forests and the revision of the working plan for the departmental reserves are in progress.

85. *Nilgiris Working Plan Division.*—The division was formed on the 29th August 1951 with headquarters at Ootacamund for the revision of the working plan for the division. The work is in progress.

86. *Coimbatore South Working Plan Division*.—The division was formed on the 29th October 1951 at Coimbatore for the revision of the working plan for the departmental reserves and for the preparation of a working plan for the panchayat forest taken over by the department. The work is in progress.

87. *Tiruchirappalli Working Plan Division*.—The division was formed on the 15th March 1952 with headquarters at Pudukkottai for the preparation of a working plan for Pudukkottai and Udayarpalayam ranges of the division. The work is in progress.

88. The control records were as usual scrutinized and reviewed by Territorial Conservators and the financial statements by the Chief Conservator of Forests.

CHAPTER V.—UTILIZATION.

A. TIMBER.

89. The total output of timber was 65,559 tons against 68,477 tons in the previous year. The quantity of timber removed from reserved forests and leased forests by Government agency was 25,769 tons against 29,150 tons in the last year. The decrease was due to the extraction of a smaller quantity of timber in Godavari Lower, Coimbatore South and South Kanara Divisions and to a smaller outturn from thinnings in the Visakhapatnam South and Palghat Divisions. The quantity removed by purchasers was 35,482 tons against 34,397 tons in the previous year. The increase was mainly in Kurnool West and Cuddapah South Divisions, where the contractors removed the entire growth in order to make up the high sale amounts. The output from the unreserves was 3,879 tons. There was a decrease under removals by purchasers.

90. The following table shows the details of timber removed by all agencies :—

	By Government.		By purchasers.		By right-holders.	
	1950-51.	1951-52.	1950-51.	1951-52.	1950-51.	1951-52.
	(1)	(2)	(3)	(4)	(5)	(6)
	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.
Reserved and leased forests	29,150	25,769	34,397	35,482	510	..
Reserved land	..	..	..	..	..	..
Unreserves	300	475	4,100	3,401	20	..
Total ..	29,450	26,244	38,497	38,886	530	..

	By free grantees.		Total.	
	1950-51.	1951-52.	1950-51.	1951-52.
	(7)	(8)	(9)	(10)
	TONS.	TONS.	TONS.	TONS.
Reserved and leased forests	..	429	64,057	61,680
Reserved land	..	..	..	..
Unreserves	..	..	4,420	3,879
Total ..	..	429	68,477	65,559

SOFTWOOD SALES.

91. The statement below shows the quantity of softwood extracted and revenue realized. The species sold were mainly *Bombax Malabaricum*, *Elacarpus* species, *Machilus macrantha*, *Canarium strictum*, *Mangifera indica*, *Saccopetalum tomentosum*, *Spondias mangifera*, *Ailanthus malabarium*, *Evodia Vexburghiana*, *Vateria indica*, *Cedrela toona*, etc.

		Amount.
	C. FT.	RS.
1950-51	155,669	1,95,953
1951-52	322,292	4,75,654

The softwood sold were mainly intended for plywood and matchwood industries. Of the total quantity of 322,292 c.ft. sold, 11,339 c.ft. only were extracted departmentally and the rest through contractors' agency. In addition 225 stacks of top ends of softwood species were sold in Palghat Division for Rs. 2,377.

B. FUEL.

92. The total quantity of fuel extracted from reserved forests, leased forests and reserved lands during the year was 232,302 tons against 243,993 tons in the previous year. Of this 7,187 tons were removed by Government agency, 224,953 tons by purchasers and 162 tons by free grantees. There was a decrease of 7,376 tons under removals by Government agency during the year mainly in Godavari Lower and Palghat Divisions, the reasons being that in Godavari Lower there were no special removals as in 1950-51 due to cyclone damages, and in Palghat the outturn from thinnings was lesser than the previous year. There was also a small decrease of 4,090 tons under removals by purchasers due chiefly to lesser areas worked by contractors in the Kurnool East, Kurnool West and Anantapur Divisions owing to increase in the rates of wages, consequent on famine conditions. Under removals from the unreserves there was an increase of 1,278 tons solely in the Godavari Lower Division.

The following table gives details of the quantity of fuel removed by all agencies :—

	By Government.		By purchasers.		By free grantees.	
	1950-51.	1951-52.	1950-51.	1951-52.	1950-51.	1951-52.
	(1)	(2)	(3)	(4)	(5)	(6)
	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.
Reserved forests, leased forests and reserved lands.	14,563	7,187	229,043	224,953	387	162
Unreserves	238	294	1,588	2,810	..	..
Total ..	14,801	7,481	230,631	227,763	387	162

	By right-holders.		Total.	
	1950-51.	1951-52.	1950-51.	1951-52.
	(8)	(9)	(10)	(11)
	TONS.	TONS.	TONS.	TONS.
Reserved forests, leased forests and reserved lands.	..	..	243,993	232,302
Unreserves	..	..	1,826	3,104
Total ..	..	..	245,819	235,406

C. BAMBOOS.

93. The value of bamboos removed by all agencies was Rs. 18,96,161 compared with Rs. 16,45,116 in the previous year. The increase is due to the sale of a larger number of bamboo coupes in the Kakinada Circle,

consequent on the transfer of Estate forests, as also to the realization of better prices in both Kakinada and Bellary Circles. The revenue realized during the year, compared with that of the previous year, of the different circles, is given below:—

Circle.	1950-51.	1951-52.
	RS.	RS.
Kakinada	5,58,882	7,98,855
Bellary	3,61,308	4,42,646
Salem	4,35,085	4,33,033
Coimbatore	2,13,060	1,36,093
Ootacamund	73,783	33,531
Total ..	16,45,116	18,91,161

D. SANDALWOOD.

94. The quantity of sandalwood extracted during the year was 820 tons. At the beginning of the year, a quantity of 227 tons was on hand. A quantity of 822 tons was disposed of during the year and the balance at the end of the year was 225 tons. The following statement shows the quantities of sandalwood put up for auction at the sale depots and the amounts realized at the sales:—

	Quantity.	Amount.	Average rate
	TONS. QRS.	RS.	per ton.
Tiruppattur depot	428 40	16,20,323	3,781
Satyamangalam depot	284 0	10,35,052	3,645

The average rate realized was Rs. 3,727 against Rs. 3,691 obtained during the previous year. Another sale held for the first time was of 1 tons of sandal at Sandur for Rs. 44,931, and the average rate realized was Rs. 3,209 per ton. In addition to the above quantities, retail sales of sandalwood to the public and temples were continued in a number of District Forest Offices and sandalwood worth Rs. 6,818 was sold.

E. GRAZING.

95. The following table shows the number of animals permitted to graze on payment in reserved forests and reserved lands and grazing revenue realized:—

Circle.	Buffaloes.	Bulls and cows.	Sheep.	Other animals.	Total.	Value of grazing fees.
	NO.	NO.	NO.	NO.	NO.	RS.
Kakinada	81,316	227,544	375,115	68	684,043	1,83,844
Bellary	99,591	301,044	710,304	11	1,110,930	2,29,444
Salem	14,575	541,229	334,898	15	890,717	2,25,444
Coimbatore	13,032	287,297	184,892	14	485,235	1,32,444
Ootacamund	26,792	76,591	12,795	101	116,279	21,444
Total ..	235,306	1,433,705	1,618,004	198	3,287,213	7,90,444

Fifteen thousand seven hundred and seventy-seven square miles or 81 per cent of the forests under departmental control were open to grazing throughout the year. Three thousand six hundred and seventy-nine square miles or 18.88 per cent of the forests were closed to grazing. Of these, 1,777 square miles were closed to grazing throughout the year, and 1,916 square miles or 9.85 per cent during part of the year.

96. Grazing permits were issued by the department for 3,287,213 animals compared with 3,297,657 animals (3,054,588 in departmental forests and 243,069 in the panchayat forests under the control of the Revenue department) in the previous year. The grazing revenue realized was Rs. 7.91 lakhs compared

with Rs. 7.65 lakhs in the previous year. The slight increase was spread over the reconstituted Kakinada, Bellary and Salem Circles.

97. Eighty-six thousand five hundred and sixty-one animals grazed free of charge in departmental forests. The revenue foregone on account of this was Rs. 10,756. In departmental forests, 157,978 animals were permitted to graze at concessional rates. The revenue foregone was Rs. 27,734.

98. The average incidence of grazing in the departmental forests was 4.59 acres per cow unit compared with 4.11 acres in the previous year.

The number of cattle impounded was 80,155 compared with 89,695 in the previous year.

99. *Improvements to grazing grounds.*—Improvements to water facilities in grazing grounds in reserved forests were carried out in several divisions at a cost of Rs. 6,124 during the year. Early burning of grass land was done in the Nilgiris to promote quick growth of grass by villagers, and private estate owners.

100. *Special system of grazing.*—Rotational system of grazing was continued in Guntur, Cuddapah South, Chittoor East, Salem South, Salem North, Coimbatore North, Coimbatore South, Madurai East, and Tiruchirappalli divisions over an area of 113,868 acres while deferred and rotational grazing was continued in Kollegal Division over an area of 2,397 acres. A total revenue of Rs. 8,177 was realized during the year and the system has worked satisfactorily except in Chittoor East, Salem South and Salem North divisions.

101. The kancha system of controlled grazing is in force in Nellore North and Nellore South divisions and in Satyavedu range of Chingleput division. It has worked satisfactorily.

102. Due to acute famine conditions towards the close of the year, free grazing and free cutting and removal of grass was permitted in the Chittoor district and fodder grass was supplied to the affected areas of Rayalaseema through the agency of contractors engaged by the Revenue department.

103. The State Fodder and Grazing Committee held one meeting during the year.

F. MINOR FOREST PRODUCE.

104. The value of minor forest produce extracted by all agencies was Rs. 12,46,888 compared with Rs. 13,06,421 in the previous year. The decrease was due mainly to a fall in prices in the Ootacamund circle due to general slump.

105. As usual, the right to collect minor forest produce was leased to contractors. Departmental collection was also made in some cases. It was undertaken in respect of selected products such as nuxvomica, soapnut, sarasaparilla, honey, tamarind, wax, lac, wattle bark, ivory, sambur and deer horns, etc., in some of the divisions.

106. Lac operations were continued in Madurai and Salem North divisions. Ten thousand nine hundred and forty-two pounds of scraped lac, and 2,154 lb. of seed lac were obtained in the Madurai Division. Experimental cultivation of lac was continued in Coimbatore South Division and 850 lb. of lac obtained during the year. In Salem North Division, lac operations were confined to kusum lac on *Zizyphus Jujuba* and *Scheleichera trijuga* trees. Lac products manufactured by the department to the value of Rs. 15,861 were sold to Government departments, local bodies and the general public during the year.

107. In the Nilgiris, due to the failure of the pyrethrum plantations of the previous years, the yield of pyrethrum flowers was very poor.

G. REMOVAL OF FOREST PRODUCE AS FREE GRANTS AND BY RIGHT-HOLDERS.

108. The following statement shows the estimated value of forest produce removed by free grantees and right-holders :—

	Timber.		Fuel.		Bam- boos.	Grazing.	Other minor forest produce.	Total
	C.F.T.	Value. RS.	C.F.T.	Value. RS.				
Right-holders	20,780	2,232	13,265	4,806	821	8,917	45	11,794
Free grantees	..	..	..	..	..	3,785	150	27,734
Grants at reduced rates	..	..	..	..	..	27,734	..	48,468
Total	20,780	2,232	13,265	4,806	821	35,436	195	48,468

Free grants were generally made to poor people for the reconstruction of houses destroyed by fire or flood.

H. GENERAL.

109. The domestic and agricultural needs of the villagers living in the vicinity of the forests were met from departmental forests as far as possible. The supply of small timber, fuel and bamboo to the ryots was made from coupes sold to the contractors who were bound to supply the produce to the public at reasonable rates.

110. Free removal of thatch and fodder grass in head loads continued during the year except in certain small areas closed for silvicultural or other special reasons. Brake poles were supplied to cartmen using the Dumbum Ghat road in Coimbatore North Division and the Ghat road to Kodaikanal in Madurai West Division by working special coupes.

111. *Green-leaf manure.*—The removal of green-leaf manure on permits at reduced rates from reserved forests was continued. Free removal of green-leaf manure was also continued from special green-leaf manure coupes in the reserved forests to help the Grow More Food Campaign. Free removal of green-leaf manure was also allowed subject to certain conditions from fuel coupes one year in advance of felling.

112. The concessional supply of fuel to Port Conservancy Board, Kakinada through the fuel contractors of Coringa Sector was continued at Rs. 15 per ton with reference to G.O. Ms. No. 2601, Development, dated 6th June 1951.

I. FOREST UTILIZATION DIVISION.

113. The Forest Utilization Officer as usual continued to arrange for supply of timber to Government of India and also to local consumers such as Public Works Department and other Government departments and to Government-sponsored concerns, house-building co-operative societies, industrial undertakings like School of Technology and quasi-Government concerns.

114. The supply of 1,137 tons of teak and 392 tons of hardwoods to the railways under purchase orders was made during the year under review. In addition, 1,653 tons of teak and 43 tons of hardwood were supplied to Government departments and municipalities and 462 tons of teak and 43 tons of hardwoods to Co-operative House-building Societies, Ex-servicemen Co-operative Societies and private bodies.

On the recommendation of the Chief Conservator of Forests, the prices of timber were revised in G.O. Ms. No. 4451, Development, dated 6th October 1951, in keeping with the upward trend in the timber market.

115. *Export of timber.*—Under instructions from the Chief Controller of Exports, Government of India, exports of timber like rosewood, teak and hardwood were restricted on an All-India basis during the year and it was for the Export Trade Controller, Madras, to watch the progress of these exports.

116. *Sleeper supply to railways.*—No supply of sleepers to railways was undertaken during the year as the railways would not pay the price demanded.

117. *Test length sleepers.*—The Forest Utilization officer made joint inspection, with the representatives of the Railways, of the treated and untreated sleepers laid on test lengths.

118. Close touch with the Forest Research Institute, Dehra Dun, was maintained and supplies of timber and minor forest produce were arranged for test purposes.

Several enquiries for minor forest produce were received, as usual, from various institutions and the public and these were attended to.

119. *Exhibitions and propaganda.*—The Forest department, through the Agency of the Forest Utilization Officer, participated in six exhibitions during the year. The exhibits of the department attracted a large number of visitors.

CHAPTER VI.—FINANCE.

120. The revenue and expenditure of the year is compared with that of the previous year and with the averages of the previous quinquennium (1946-47 to 1950-51) in the following statement :—

Revenue and Expenditure—1951-52.

Circle.	Year.	Receipts.	Expenditure.	
			Conservancy.	Expenditure in England.
(1)	(2)	(3) RS.	(4) RS.	(5) RS.
Kakinada	1951-52.	34,34,716	3,83,589	..
Bellary	Do.	22,50,879	2,39,139	..
Salem	Do.	32,45,691	2,92,274	..
Coimbatore	Do.	43,58,574	6,83,288	..
Ootacamund	Do.	60,60,295	14,18,413	..
Chief Conservator of Forests.	Do.	6,10,885	23,076	..
Forest Utilization Officer ..	Do.	8,01,608	..	..
Provincial Sylviculturist ..	Do.	21,985	38,218	..
Working Plan Circle	Do.	344	..	..
Special Forest Circle	Do.	..	805	..
Special Chenchu Officer ..	Do.	..	2,942	..
Post-war Reconstruction ..	Do.	..	2,91,440	..
Expenditure in England ..	Do.	..	..	271
Total for the State	..	2,07,84,977	33,73,184	271
Total for	1950-51	1,86,25,590	29,87,387	3,128
Average for the quinquennium.	{ 1946-47 to 1950-51 }	1,69,30,356	36,54,776	84,795
Difference between	{ 1950-51 and 1951-52 }	+ 21,59,387	+ 3,85,797	- 2,857

Revenue and Expenditure—1951-52—cont.

Circle.	Year.	Expenditure—cont.		Surplus or deficit.	Percentage of surplus to gross revenue.
		Establishment.	Total.		
		(6) Rs.	(7) Rs.	(8) Rs.	(9)
Kakinada	1951-52.	6,38,290	10,21,879	+ 24,12,837	..
Bellary	Do.	6,37,441	8,76,580	+ 13,74,299	..
Salem	Do.	6,34,605	9,26,879	+ 23,18,812	..
Coimbatore	Do.	6,95,646	13,78,934	+ 29,79,640	..
Ootacamund	Do.	8,04,575	22,22,988	+ 38,37,307	..
Chief Conservator of Forests.	Do.	2,01,476 + 1,45,373	3,69,925	+ 2,40,960	..
Forest Utilization Officer ..	Do.	30,888	30,888	+ 7,70,720	..
Provincial Sylviculturist ..	Do.	64,863	1,03,081	— 81,096	..
Working Plan Circle ..	Do.	..	..	+ 344	..
Special Forest Circle ..	Do.	29,936	30,741	— 30,741	..
Special Chenchu Officer ..	Do.	65,710	68,652	— 68,652	..
Post-war Reconstruction ..	Do.	6,89,953	9,81,393	— 9,81,393	..
Expenditure in England ..	Do.	..	271	— 271	..
Total for the State	..	46,38,756	80,12,211	+ 1,27,72,766	61.45
Total for .. 1950-51	..	43,82,326	73,72,841	1,12,52,749	60.42
Average for the previous quinquennium.	{ 1946-47 to 1950-51 }	41,97,347	79,36,918	89,93,438	53.12
Difference between	{ 1950-51 and 1951-52 }	+ 2,56,430	+ 6,39,370	+ 15,20,017	70.39

The total revenue realised was Rs. 207.85 lakhs compared with Rs. 186.26 lakhs in the previous year. The increase in revenue, viz., Rs. 21.59 lakhs, was mainly under firewood and minor forest produce. The expenditure incurred was Rs. 80.12 lakhs compared with Rs. 73.73 lakhs in the previous year, an increase of Rs. 6.39 lakhs. The surplus of revenue over expenditure was thus Rs. 127.73 lakhs compared with Rs. 112.53 lakhs in the previous year. The differences under several heads are explained below.

121. *Receipts—Government agency.*—There was an increase of Rs. 5.70 lakhs in the revenue from other minor forest produce due mainly to the adjustment to the credit of the Forest department during the year, of a sum of Rs. 6,03,470 being the compensation for the loss incurred by the Government of Madras in 1943-45 as a result of the cultivation of pyrethrum in Nilgiris and Palnis areas in the State at the instance of the Government of India. The increase would have been greater but for a decrease in the normal revenue by Rs. 0.33 lakh due mainly to non-sale of wattle bark for want of demand in the Madurai West Division. The revenue from timber decreased by Rs. 3.80 lakhs due to the supply of a smaller quantity of timber and realization of lower prices for timber sold locally in Wynaad, Nilambur, Palghat, Nilgiris and South Kanara divisions. There was a decrease (Rs. 0.4 lakh) also in the revenue under firewood exploited departmentally. But under bamboos there was an increase of Rs. 0.16 lakh due to realization of higher prices.

Consumers and purchasers.—There was an increase of Rs. 5.94 lakhs in the revenue from timber removed by consumers and purchasers, due chiefly to higher prices obtained in Nilambur, Nilgiris and Godavari upper divisions and to a larger quantity of softwood supplied from Wynaad and South Kanara

divisions. There was a large increase also in the revenue from firewood and charcoal. The increase was Rs. 11.33 lakhs due to the high prices realised for fuel coupes chiefly in Kollegal, Tirunelveli, South Kanara, Palghat, Nilgiris and Kurnool West divisions and to the sale of special coupes in Godavari Lower, Godavari Upper, Coimbatore South and Tiruchirappalli divisions. The revenue from bamboos increased by Rs. 2.34 lakhs due mainly to better prices obtained in the Kakinada and Bellary Circles. There was a small increase of Rs. 0.22 lakhs in the revenue from grazing owing to the addition of panchayat forests. The revenue from minor forest produce alone showed a small decrease of Rs. 0.38 lakhs as compared with the previous year. This was mainly in the Salem Circle due to low prices obtained for Minor Forest Produce leases.

122. *Expenditure.*—There was a net increase of Rs. 6.39 lakhs in expenditure. It occurred both under "Works" and "Establishment" as shown below :—

	RS.
	IN LAKHS.
10. (a) General direction	— 0.23
(b) Conservancy and works—	
I. Ordinary areas—	
(i) Excluding Post-war Reconstruction	+ 4.96
(ii) Post-war Reconstruction	— 1.29
II. Scheduled areas	+ 0.19
(c) Establishment—	
I. Ordinary areas—	
(i) Excluding Post-war Reconstruction	+ 2.48
(ii) Post-war Reconstruction	+ 0.26
II. Scheduled areas	+ 0.05
(d) Charges in England	— 0.03

10. (b) *Conservancy and works.*—There was a decrease of Rs. 0.63 lakh under timber removed by Government Agency. This was chiefly in South Kanara division where during 1950-51 payments for incomplete works of sleeper operation relating to previous years had been made. During 1951-52 there were no such payments.

There was an increase of Rs. 0.53 lakh under timber and other produce removed from the forests by consumers and purchasers due mainly to taking over Estate Forests. The expenditure under 'feed and upkeep of cattle' increased by Rs. 0.81 lakh due to the maintenance of a larger number of elephants. There was also an increase of Rs. 1.81 lakhs under 'roads and bridges' and of Rs. 1.46 lakhs under 'buildings' due to essential repairs having been carried out in full during the year, while in the previous year such expenditure was restricted as a measure of economy. There was also an increase of Rs. 0.50 lakh under 'Regeneration' due mainly to larger areas regenerated.

10. (c) *Establishment.*—There was an increase of Rs. 2.76 lakhs due chiefly to taking over Estate Forests.

123. The value of stores and stock and outstanding revenue is as given below:—

	At the beginning of the year.	At the close of the year.
	RS.	RS.
	(IN LAKHS).	(IN LAKHS).
(i) Value of timber, etc., at depots	23.02	44.12
(ii) Value of tools and plant	10.31	10.37
(iii) Revenue outstanding	49.79	50.35
Total ..	83.12	104.84

124. The graphs at pages 28 and 29 illustrate the financial position of the department from 1943-44 to 1951-52.

CHAPTER VII.—GENERAL.

(i) PRESERVATION OF WILD LIFE.

125. (a) The Madras State forests contain a large number of interesting and beautiful wild birds and animals. Game laws and shooting rules have been framed for the preservation of game in reserved forests. These rules prohibit the shooting of certain animals and birds which are threatened with extinction as also the shooting of females and immature males of what is designated as big game. These rules also impose a close season for birds.

In the Palni and the Nilgiri hills there are special organizations—Game Associations—formed long ago for the preservation of game.

The transfer of Class III ryots forests to the control of the Forest Department has been completed during the year. The question of extending the game laws and rules to these forests is under consideration separately.

(b) *Mudumalai wild life sanctuary.*—The sanctuary covers an extent of about 23 square miles where wild animals live in peace, free from molestation by man. This is the only sanctuary in the Madras State. It is open to visitors. Lovers of nature can observe wild life in natural surroundings here. Departmental elephants are provided for the purpose on payment of a nominal fee.

(c) Statistics of animals shot, reported by game licence holders, have been appended to this report in Form 42.

(d) The important salt licks and water holes frequented by wild animals were visited by the forest subordinates periodically to prevent or detect poaching.

(e) In spite of the vigilance of Forest Subordinates and the protective staff of the Nilgiris Game Association, it has not been possible to check illicit poaching effectively. However, in order to improve the protection of game, eight Honorary Game Wardens, chosen from among the members of the Nilgiris Game Association, were appointed during the year with reference to G.O. Ms. No. 3480, Development, dated 5th September 1950, for the purpose of enforcing the rules to regulate the pursuit of game in the Nilgiris. In order, further, to ensure the effective protection of game in the sanctuary, proposals for putting up gates, two by the Nilgiris Game Association on the Segur-Anaikatti road and two by the Forest Department on the main Ootacamund-Mysore road, are under consideration.

(f) Four wild dogs, one in Salem South division, one in Salem North division and two in Chittoor East division were shot, during the year. Wild elephants are reported to have caused damage to the plantations in Coimbatore South, Kollegal and Madurai West divisions. In Coimbatore South division, a departmental elephant was gored by a wild elephant and subsequently died. This wild elephant was subsequently proscribed and shot dead. Two more rogue elephants, one in Kollegal Division and the other in Vellore West Division, were also shot down.

(g) There were forty cases against game laws during the year, four of which were illicit fishing and the remaining thirty-six were illicit shooting and hunting. Of these, ten were compounded, one was convicted and twenty-nine are pending in Courts.

(h) Five hundred and sixty-nine game licences and three hundred and twenty-three fishing licences were issued during the year and the licence fees realised were Rs. 13,920 for game licences and Rs. 3,671 for fishing licences.

(ii) HILL TRIBES.

126. (a) The Forest Department continued to look after the welfare of the aboriginal tribes living in the forests. They were provided with lands within the forests for cultivation on annual leases or under the Kumri system free of assessment. The Koyas and Reddis of the Agency tracts of Godavari and Visakhapatnam continued to enjoy free removal of forest produce for domestic and agricultural purposes, free grazing and hunting. In the Rampa Agency and the Golugonda Agency they were also permitted to sell minor forest produce at shandies and utilize the sale-proceeds for themselves. In return for these concessions, they were required to protect the forests from fire and theft and to supply labour for forest works for which they were paid at scheduled rates. The Government have formulated a ten-year plan to ameliorate the condition of these hill-tribes.

(b) The Yenadis, a backward tribe, form the backbone of the labour force in the Sriharikota Island. They are employed on departmental works on daily wages and are allowed to enjoy certain rights and privileges over minor forest produce in the Reserved Forests. The Co-operative Society formed for the supply of provisions and stores to them continued to function. The Savings Bank Scheme organized for them by the Forest Department also continued to function.

(c) The Mutharachas and Madigas in Udayagiri Durgam 'A' reserved forest of Nellore division were, as usual, allowed to graze their cattle free and collect deadwood and minor forest produce from Reserved Forests for their bona fide domestic use.

(d) The Forests Department continued to take interest in the amelioration of the Chenchus of the Nallamalais by providing them with employment and land for cultivation. They enjoy the customary concessions of free grazing and hunting and free removal of forest produce. Loans are granted to the Chenchus for the purchase of bulls for agricultural purposes. The Chenchu Purchase and sale Co-operative Society at Atmakur continued to function during the year.

There are 26 elementary schools, including one higher elementary school at Bairlutty, exclusively for the Chenchu pupils. One of them is a Chenchu Girls' School at Pecheruvu. The Chenchu pupils are as usual, given midday meals, in addition to free supply of books, slates and clothes. Special facilities are provided for education in the High School at Atmakur.

But the Chenchu Boarding Home at Atmakur did not function during the year for want of students. The Chenchu pupils are also taught handicrafts like stitching leaves and gardening. Deserving Chenchus are employed as headmen and forest subordinates.

The Chenchu hospital at Pecheruvu continued to function under a medical officer. The hospital is thrown open to non-Chenchus also. An inpatient ward was also maintained in the hospital where free diet and clothing were provided. As usual, the medical officer at Pecheruvu continued to visit Bairluty, Nagaluty, Peddamantrala and Palutla to treat Chenchus. The Medical officer, Rudravaram, continued to visit Ahobilam once a month to give medical aid and treatment and the Medical Officer, Yerragundapalem, also continued to visit Garapenta and Cheenapalem gudems.

(e) The department continued to look after the Malayalees of the hill tracts of Salem and North Arcot districts where the hill village system is in operation. Six elementary schools in Vellore West division and two in Vellore East division functioned during the year under the control of the Forest department for the benefit of the Malayalee children. As usual, the land revenue administration of some of the Javadi hill villages in Vellore West division was also carried on by the Forest Department.

(f) The small settlement of Roman Catholics at Biligundlu in Salem North division continued to enjoy the customary privileges of grazing their cattle free, at four heads of cattle per family, and to cultivate the lands inside reserved forests free of assessment. In return, they are expected to protect the adjoining forests from theft and fire and to supply paid labour for forest works.

(g) The Kurumbaras and Kurichiars of the Wynad Division enjoy free grazing and free removal of bamboos, fuel, etc., for their domestic use. The Kurichiars in Kannothe Range continued to enjoy the pepper garden at concessional rates and were also allowed to do 'Ponam' cultivation in the area set apart for the purpose.

(h) There are a few aborigines known as "Malainaikans", living in the lower slopes of Karimpuzha and Thallipuzha valleys in Nilambur division. The hill tribes known as Irulars and Mudugars continue to live in their settlements within the Reserved Forests of Palghat division. They were, as usual, allowed to cultivate lands, free of assessment, near their settlements, free grazing and free use of minor forest produce. In order to protect the crops from wild animals, 2,500 hand rockets were purchased and supplied to the Irulars during the year. The jungle tribes of Nilgiris, Coimbatore North, Coimbatore South, Kollegal and South Kanara divisions continued to enjoy the usual concession of free grazing, free lease of land, etc., within reserved forests.

(i) Under the orders of Government, a school was opened at Sungam in Coimbatore South division during the year for educating the children of hill tribes in the division. Forty children joined the school and they were provided with free boarding and free supply of books and dress.

(iii) LEASES.

127. As already stated in the report for 1950-51, the lease of 50 acres in Kudiramoliteri Reserved Forest in Tirunelveli division for a period of 50 years for planting fruit and forest trees came into force from 27th June 1951. Twenty-two leases were granted for a period of fifty years for the cultivation

of areca over an aggregate area of 210.82 acres in the South Kanara Division up to 1951-52. An area of two acres of Reserved Forest in Anantapur Division was leased out to the Sanatorium Arogyavaram, Madanapalli, for a period of fifty years on an annual rent of Re. 1.

(iv) FOOD PRODUCTION.

128. An area of 6,759 acres of land in reserved forests was under cultivation of food-crops during the year. The procuring and sale of foodgrains from the departmental grain shop in the Wynad division was continued during the year. The co-operative stores at Kargudy in the Nilgiris division also continued to function satisfactorily.

(v) FAMINE AND FODDER OPERATION.

129. There was no fodder operation by the department during the year. Famine operations were necessitated in the Rayalaseema area owing to adverse seasonal conditions, as detailed below:—

(a) Hill grass was imported into Ananthapur division from Kurnool and Godavari districts by the Revenue Department. Towards the end of the year, all the forests were also thrown open to free grazing.

(b) A quantity of about 116½ tons of hay was collected from the forests of the Bellary Division under the arrangements made by the Revenue Department through the agency of contractors and supplied to the Rayadrug taluk of the division.

(c) Hill grass to the extent of 41½ tons from the forests of the Cuddapah North Division and 13½ tons from the forests of the Cuddapah South Division was collected by the Revenue Department, through contract agency and supplied to relieve fodder scarcity in the affected villages.

130. The Military Department was permitted to collect hay and other fodder grasses from all the forests, except block IX of the Sandur Range in the Bellary Division at a rate of Rs. 5 per ton. The removal of hill grass from block IX by the Kurikuppi Cattle Farm at Rs. 5 per ton was also sanctioned subsequently in G.O. No. 5979, Development, dated 3rd December 1951.

(vi) PROHIBITION.

131. The forest subordinates rendered all possible assistance to the prohibition staff in detecting illicit distillation inside reserved forests.

(vii) ANTI-EROSION WORKS.

132. The Assistant Conservator of Forests who has undergone special training in the United States of America in Land Improvement and Soil Conservation measures and who is attached to the Provincial Silviculturist's Division, Ootacamund, continued to be in charge of soil conservation work. The main activities during the year were confined to the inspection of land under Grow More Food Campaign and other areas in the Nilgiris that are liable to heavy erosion. All matters pertaining to lease or assignment of land in the Nilgiris were referred to him by the Collector and the Soil Conservation Board.

The experimental work done in Ketti and Ithalar areas was maintained, but the experiments in the Ithalar area had to be discontinued in the course of the year as they were subjected to constant damage and as they were reported to be a handicap to the grazing and other rights of the villagers.

The Soil Conservation Board, Nilgiris, was meeting periodically and considering methods for the preservation of soil. A draft legislation for the enforcement of soil conservation measures in the Nilgiris is under consideration of this Board. Under the Madras Land Improvement Scheme (Contour Bunding and Contour Trenching) Act of 1949 an Assistant Agricultural Engineer, with necessary staff, has been appointed by Government for drawing up soil conservation schemes for the district.

During the year under review, the soil conservation division continued to advise political sufferers in respect of their lands assigned to them in Wenged Downs reserved forests, the Sericulture department, the Animal Husbandry department and the Food and Agriculture Department.

133. The State Soil Conservation Board constituted with the Hon'ble Minister for Agriculture as Chairman, with a view to control and co-ordinate the local land utilization surveys, held two meetings during the year, one at the Secretariat buildings in June 1951 and the second at Bellary on October 1951.

Anti-erosion works were also tried on an area of 18 acres in Bellary Division and 5 acres in Anantapur division as an experimental measure under the Hyderabad system of contour trenching and planting the ridge. The results obtained so far are reported to be satisfactory.

(viii) HEALTH.

134. The health of the staff was generally satisfactory except in the Agency and other hill tracts where malaria was virulent. Free supply of quinine and puldine continued to be made. At Manandur in the Chittoor East Division and in the Nallamalais, Cuddapah North Division, the local medical officers rendered medical aid to subordinates, labourers and their families. The forest dispensaries at Begur and Chedleth in the Wynaad and at Karulai in Nilambur Division continued. The medical officers at Manantoddy and Sultan's Battery continued to visit the forest dispensaries once a week. In Nilambur Division an independent medical officer in charge of the forest dispensaries was continued. The new dispensary at Top Sh in Coimbatore South Division which was opened during the previous year with a Civil Assistant Surgeon in charge, continued to function. The staff and labour employed in unhealthy camps in the Upper Palnis of the Madurai West Division were given medical aid through a Skippo van on a monthly payment of Rs. 65 by the department.

135. The Chief Conservator of Forests regrets to record the death of four foresters, fifteen forest guards, four reserve watchers, one clerk, one gardener and one mahout. Besides these, one forest guard in Guntur Division, one forest guard in Anantapur Division and one forest watcher in Kurnool East Division were murdered.

(ix) MISCELLANEOUS.

136. The Chief Conservator of Forests toured in parts of Tirunelveli, Madurai East, Chingleput, Chittoor West, Chittoor East, Wynaad and the Nilgiris divisions. He also inspected the departmental timber depot at Nanjangud besides visiting the Game Sanctuary at Bandipur.

The Chief Conservator of Forests attended the meeting of the Central Board of Forestry held at Dehra Dun in May 1951. The Chief Conservator also attended the Sandalwood Common Policy Conference held at Bangalore in

May 1951. Prof. H. G. Champion of the Imperial Forestry Institute, Oxford, was accompanied by the Chief Conservator of Forests during his tours of the West Coast forests in January 1952. The Inspector-General of Forests inspected the wattle plantations on the Nilgiris and the teak plantations in Nilambur in July 1951. In February-March 1952 two Forest Officers from Thailand visited the Madras State and toured the forests of Nilgiris, Wynaad and the Nilambur divisions.

(x) VANAMAHOTSAVA.

137. The tree-planting week was observed in all the divisions in July 1951. Special efforts were made to collect and supply seeds and seedlings of various varieties to other departments, local bodies, rural welfare areas and to the general public. Further, the departmental officers and subordinates took very keen interest in planting various species in the compounds of bungalows, rest-houses, residences, etc.

138. The Conservators inspected all the District Forest Offices except Visakhapatnam North, Visakhapatnam South, Godavari Upper and Godavari Lower, Tirunelveli and Coimbatore South and District Forest Offices, all range offices except the Tunacadvu range office and Range Officers all the depots during the year. The results were generally satisfactory.

Of the 34 divisional offices 16 were inspected by the staff of the Accountant-General, Madras, during the year. The results were generally satisfactory.

139. The Chief Conservator of Forests takes this occasion to thank all ranks of the department for their loyal and willing co-operation.

MADRAS,
17th January 1953.

M. KESAVAN UNNI NAYAR,
Chief Conservator of Forests.

DEFINITION OF SOME TECHNICAL TERMS USED IN THE ADMINISTRATION REPORT.

		(1) Botanical name.	(2) Common name.	(3) Tamil name.	(4) Tolugu name.	(5) Malayalam name.	(6) Kannare name.
Afforestation	The establishment of a new forest by artificial means.	<i>Acacia arabica</i> ..	Black babul.	Karuvilam.	Nalla tuma.	Karuvilam.	Babbuli.
Ago gradations	A series (or part of a series) of trees or woods ranging from the seedling to the mature stage.	<i>Acacia dealbata</i> ..	White wattle.	Cinnai velambattai.	Bandichinduga.	Pottuvaka.	Bettabage.
Artificial regeneration ..	The renewals of a forest crop by sowings, plantings or other artificial means.	<i>Acacia decurrens</i> ..	Wattle.	Velampattai.	Peyyavapa.	Peru.	Bende.
Catchment areas	The total area from which water collects in a given drainage area.	<i>Albizia stipulata</i> ..	Sun tree.	Plivagai.	Munthamamidi.	Parangimavu.	Geruo.
Clear felling	The complete removal of a standing crop in one operation.	<i>Ailanthus excelsa</i> ..	Cashew.	Mundiri.	Bongu.	Mullumula.	Hebbalasu.
Climber	A general term including climbing plants that ascend upon support by twining by means of tendrils, hooks, serial roots or other attachments.	<i>Anacardium occidentale</i> ..	Ainee.	Perumoonagal.	Buruga.	Poonna.	Biduru.
Coppice system or simple coppice system.	The removal of a whole crop with a view to its regeneration from stems springing from the stumps and not from seed.	<i>Bombax malabaricum</i> ..	Bamboo.	Mulavaram.	Poonna.	Punna.	Buguga.
Coupe	A felling area, usually annual.	<i>Calophyllum elatum</i> ..	Semul.	Kattu pinnai.	Balasau.	Ponnavaram.	Salkonnu.
Defoliation	Shedding or loss of leaves due to abnormal causes.	<i>Canthium didymum</i> ..	Poon.	Inburruttan.	Tangodu.	Mannakkannai.	Kakkorla.
Deciduous forest	A forest composed of trees which are leafless for some time during the year.	<i>Cassia auriculata</i> ..	Black hony thorn.	Avaram.	Seema Tangedu.	Chulamaram.	Sime tangedi.
Denudation	The laying bare of soil by the removal of vegetative covering such an extent that erosion is likely to occur.	<i>Cassia siamea</i> ..	...	Poonavaram.	Sarava.	Veeti.	Kesarike.
Evergreen forest	A forest composed mainly of trees the leaves of which persist at least for a whole year so that it is never leafless.	<i>Casuarina equisetifolia</i> ..	...	Savuku.	Jittagi.	Cheriyu mulla.	Biduru.
Gregarious (bamboo) flowering.	The flowering (of species which do not flower annually) over considerable areas within one year (or a few years) such flowering being usually followed by the death of the plant.	<i>Dalbergia latifolia</i> ..	...	Iti.	Saunaveduru.	Virali.	Baudare.
Hardwoods	Trees which possess a well-defined heartwood.	<i>Dendrocalamus strictus</i> ..	...	Kal-moongal.	Bandedu.	...	...
High forest	A forest of seedling origin worked under a long rotation.	<i>Dodonaea viscosa</i> ..	...	Veleri.	Thellapoli.	...	...
Kumri system of plantation.	Consists in simultaneously raising a timber and a field crop on a clear-felled area fertilized by the ashes resulting from burning the debris left in the area.	<i>Evodia roxburghiana</i> ..	...	Karpuramaram.	Parana.	...	...
Natural regeneration ..	The renewal of a forest crop by self-sown seed or by stool root shoots.	<i>Grevillea robusta</i> ..	...	Kattushanbagam.	Pedda fens.	...	...
Nursery	An area in which young seedlings are raised for forest planting.	<i>Grewia tiliaefolia</i> ..	...	Vendule.	Thanuku.	...	...
Rab regeneration	Consists in burning slash in lines or patches and sowing seed of useful species in the mixture of ash and soil.	<i>Gyrocarpus americanus</i> ..	...	Thadasal.	Yepi.	...	...
Rotation	The number of years determined between the formation of regeneration and the final felling of a forest crop.	<i>Hardwickia binata</i> ..	...	Thanku.	...	...	...
Rotational grazing	Consists in dividing the grazing area into three or more paddocks in each of which a limited number of cattle are allowed to graze for a specific period in rotation.	<i>Hopes parviflora</i> ..	...	Acha.	...	...	...
Selection felling	Methodical removal of exploitable trees either singly or in groups with a view to producing a new crop from self-sown seedlings.	<i>Melia dubia</i> ..	...	Kongu.	...	...	...
Softwood	Timber with no definite heartwood; or trees of rapid growth and short life.	<i>Palaquium ellipticum</i> ..	...	Malavembu.	...	...	...
Spike	A virus disease peculiar to sandalwood which kills the plant.	<i>Pleurosthia wightii</i> ..	...	Pali.	...	...	...
Stump (or stool)	The lowest part of a tree with the roots.	<i>Polyalthia fragrans</i> ..	...	Cirubiyari.	...	...	...
Thinning	The removal of excess stems from a crop, beyond the sapling stage, with the object of diminishing adverse competition and affording more light and growing space.	<i>Pterocarpus santalinus</i> ..	...	Nedumaram.	...	...	...
Working plan	A written scheme of management, aiming at a continuity policy, controlling the treatment of a forest.	<i>Saccolipetalum tomentosum</i> ..	...	Senchandanam.	...	...	...
		<i>Santalum album</i> ..	...	Vengai.	...	...	...
		<i>Scoymdia febrifuga</i> ..	...	Chandanam.	...	...	...
		<i>Sterculia urens</i> ..	...	Comadanam.	...	...	...
		<i>Sterculia villosa</i> ..	...	Condali.	...	...	...
		<i>Swietenia microphylla</i> ..	...	Elephant rope tree.	...	...	...
		<i>Tectona grandis</i> ..	...	Mahogany.	...	...	...
		<i>Terminalia belerica</i> ..	...	Teak.	...	...	...
		<i>Terminalia chebula</i> ..	...	Behera.	...	...	...
		<i>Terminalia paniculata</i> ..	...	Kadukkai.	...	...	...
		<i>Terminalia tomentosa</i> ..	...	Pillamarudu.	...	...	...
		<i>Vateria indica</i> ..	...	Karimarudu.	...	...	...
		<i>Xylia xylocarpa</i> ..	...	Kundurukkam.	...	...	...
			...	Irul.	...	...	...

No. 21.

reserved lands during the year 1951-52.

Area of reserved forests and reserved lands during the year 1951-52.																
Division.	Area of reserved forests.						Area of reserved lands.									Total reserved forests and reserved lands in square miles.
	Area on 1st April 1951.		Added during the year.	Excluded during the year.	Area on 31st March 1952.		March 1952. Class III or ryots' forests in square miles.	Total in square miles.	Area on 1st April 1951.		Added during the year.	Excluded during the year.	Area on 31st March 1952.			
	Acres.	Equivalent in square miles.			Acres.	Acres.			Acres.	Class I or departmental forests. Sq. miles.			Acres.	Equivalent in square miles.	Acres.		Equivalent in square miles.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)		(16)
							Circle.									
						Kakinadi										
Visakhapatnam, North			(a) 40,012		40,012	61	36	520	1,313	2	(c) 155,353 (a) 1,313		156,098	245	307	
Visakhapatnam, South	370,681	579	(b) 1,717	(a) 40,012	332,386	40		886			(c) 74,759	(a) 1,313	73,759	115	635	
Godavari, Upper	567,286	886			567,286	88	74	612			(c) 94,700		94,700	148	760	
Godavari, Lower	391,535	612			391,535	59	343	1,103							1,163	
Guntur	744,960	1,164		(d) 320	744,370	80	239	398			(c) 79,792		79,792	125	523	
Nellore, North			(a) 255,213	(d) 675	254,538	15	154	330							330	
Nellore, South	468,563	729		(a) 255,213	211,350	17	846	3,971	1,318	2	4,01,919	1,313	4,04,849	633	4,834	
Total ..	2,540,755	3,970	296,942	2,96,220	2,541,477	3,16	Circle.								905	
							Bellari									
Anantapur	578,905	905			578,905	82	553	905							951	
Bellary	604,676	945			604,676	37	560	945	3,698	6			3,603	6	1,072	
Kurnool, East	685,915	1,072			685,915	1,024	48	1,072							876	
Kurnool, West	560,968	876			560,968	86	12	876							867	
Cuddapah, North	554,939	867			554,939	76	105	867							930	
Cuddapah, South	595,313	930			595,313	84	85	930								
Total ..	3,580,806	5,595			3,580,806	4,16	Circle.									
							Salem									
Chittoor, East	501,543	784	(a) 221,141		280,402	27	166	438			(c) 276,653		276,653	432	870	
Chittoor, West					221,141	30	43	346			(c) 94,787		94,787	148	494	
Vellore, East	428,955	670			428,955	47	199	670	1,538	2			1,538	2	672	
Vellore, West	367,379	574			367,379	40	70	574							574	
Salem, North	451,515	705			451,515	69	10	705							705	
Salem, South	385,017	602		(b) 321	384,696	61	83	691	1,381	2			1,381	2	603	
Chingleput	267,650	419		(b) 10	267,650	7	339	419	360	1	(c) 67,343		67,703	106	525	
Total ..	2,402,068	3,754	221,141	221,472	2,401,737	2,50	Circle.									
							Coimbatore									
Kollegal	602,165	941			602,165	94		941							941	
Coimbatore, North	559,038	873	(a) 3,746		562,784	89	45	879							870	
Coimbatore, South	257,385	402		(b) 427	256,958	39	4	401			(c) 202,083		2,02,083	316	401	
Madurai, East	359,845	562		(d) 219,136	140,709	10	26	220			(c) 75,428		75,428	118	459	
Madurai, West			(d) 219,136	(b) 595	218,541	33	3	341			(c) 94,395		94,623	148	568	
Tirunelveli	268,501	420			268,501	46	11	420	228	40	(c) 11,372		36,773	57	443	
Tiruchirappalli	246,756	380			246,756	29	130	386	25,401	40			408,907	639	4,227	
Total ..	2,293,690	3,584	222,882	220,158	2,296,414	3,30	Circle.									
							Ootacamund									
South Kanara	518,154	802		(b) 312	512,842	80		802	75				75		802	
Wynaad	170,118	266			170,118	26		266	5,691	9			5,691	9	125	
Nilambur	66,182	103			66,182	10		103	14,159	22			14,159	22	497	
The Nilgiris	318,177	489			318,177	48		489	5,033	8			5,033	8	258	
Palghat	168,973	264		(a) 8,746	165,227	26	4	258					24,958	39	1,957	
Total ..	1,281,604	1,924			1,227,546	1,90	4	1,918	24,958	39						
Grand total ..	12,046,922	18,827	740,965	741,908	12,047,980	15,40	Circle.	3,390	18,815	53,790	92	12,27,010	1,313	1,28,487	2,007	
															20,832	

F.A.R.—3

ABSTRACT.

	On 1st April 1951.	On 31st March 1952.
	SQ. MILES.	SQ. MILES.
Class I forests—		
Under departmental management	15,436	15,433
Under management of other departments (Port Trust, Titicorin and Public Works Department, Tirumelvai Division)	2	2
Total ..	15,438	15,435
Class III forests—		
Under panchayat management	163	..
Transferred to the Forest department	3,245	3,379
Under management by Adoni Municipality	5	5
Under Military department	6	6
Total ..	3,389	3,390
Total area of forest ..	18,827	18,824
Area under Forest department	18,651	18,812
Area under panchayat management	169	..
Area of reserved lands	92	2,007

FORM No. 24.

Progress made in the Working Plans during 1951-52.

Divisions.	Areas for which working plans have been completed and approved.		Areas for which working plans are compiled, but not sanctioned.		Area for which working plans have still to be taken on hand.	Total forest area as in Form No. 21.
	At Commencement of the year. (2)	During the year. (3)	At commencement of the year. (4)	During the year. (5)		
(1)	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.
KAKINADA CIRCLE.						
<i>Reserved forests.</i>						
Visakhapatnam, South	500	..	..	..	..	62
Visakhapatnam, North	62	..	..	..	323	1,163
Tuntur	840	..	..	..	..	886
Todavari, Upper	886	..	..	..	333	612
Todavari, Lower	279	..	..	220	..	398
Nellore, North	178	..	..	173	..	330
Nellore, South	157	..	..	393	676	3,971
Total ..	2,902	..	..	..	..	..
<i>Reserved lands.</i>						
Visakhapatnam, North	..	..	..	..	245	245
Visakhapatnam, South	..	..	..	..	115	115
Todavari, Lower	..	..	..	..	148	148
Nellore, North	..	..	..	..	125	125
Total ..	..	..	..	..	633	633
BELLARY CIRCLE.						
<i>Reserved forests.</i>						
Anantapur	322	..	..	583	..	905
Bellary	376	..	..	569	..	945
Kurnool, East	1,072	..	..	..	12	1,072
Kurnool, West	864	..	..	..	..	876
Addapah, North	867	..	..	..	85	867
Addapah, South	845	..	..	1,152	97	980
Total ..	4,346	..	..	..	..	5,595
<i>Reserved lands.</i>						
Bellary	6	..	..	..	..	6
SALEM CIRCLE.						
<i>Reserved forests.</i>						
Chittoor, East	272	..	..	..	166	438
Chittoor, West	303	..	..	..	43	346
Vellore, East	..	..	486	..	184	670
Vellore, West	..	..	518	..	26	574
Salem, North	..	..	705	..	..	705
Salem, South	544	..	..	..	57	601
Chingleput	81	..	256	..	82	419
Total ..	1,200	..	1,995	..	558	3,753
<i>Reserved lands.</i>						
Chittoor, East	..	..	..	..	432	432
Chittoor, West	..	..	..	..	118	118
Vellore, East	..	..	..	..	2	2
Salem, South	..	..	..	..	2	2
Chingleput	..	..	..	..	106	106
Total ..	..	..	..	..	690	696

Kakinada Circle—

(a) Due to the bifurcation of Visakhapatnam and Nellore divisions.

(b) Area of Thottapalli Panchayat Reserved Forest omitted to be shown in previous returns.

(c) Estate forests taken over by the Forest Department and notified as reserved lands under rule 5 of the General Rules under section 26 of the Madras Forest Act.

(d) Due to the disreservation of 320 acres in Venkatayapalem Extension IV Reserved Forest in Guntur Division, 17.25 acres in Kottapalli Reserved Forest, 315 acres in Rudrakota Reserved Forest and 343 acres in Vovera Extension Reserved Forest in Nellore North Division.

Salem Circle—

(a) Due to the bifurcation of Chittoor Division,

(b) Due to disreservation of the portion of Katuvattuparai Reserved Forest in Salem South Division in Notification No. 211, dated 15th March 1952 and disreservation of portion of Tambaram Reserved Forest in Chingleput Division in Notification No. 365, dated 6th April 1951.

(c) Estate forests taken over by the Forest Department and notified as reserved lands.

Coimbatore Circle—

(a) Area of class III panchayat forest in Erode taluk transferred from Palghat Division to Coimbatore North Division.

(b) Due to the the disreservation of 427 acres in Coimbatore South Division in Notification No. 412, dated 24th April 1951 and 595 acres in Madurai West Division in Notification No. 670, dated 18th July 1951.

(c) Estate Forests taken over by the Forest Department and notified as reserved lands.

(d) Due to the bifurcation of Madurai Division,

Oolacamund Circle—

(a) Area of class III panchayat forests transferred to Coimbatore North Division from Palghat Division.

(b) Difference in area in Bellimane Reserved Forest in South Kanara Division, since rectified.

Progress made in the Working Plans during 1951-52—cont.

Division.	Area for which working plans have been completed and approved.		Areas for which working plans are completed, but not sanctioned.		Total area for which working plans have been taken on hand.	Total area for which working plans have been taken on hand.
	At commencement of the year.	During the year.	At commencement of the year.	During the year.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. M.
COIMBATORE CIRCLE.						
<i>Reserved forests.</i>						
Kollegal	911	..	..	..	..	911
Coimbatore, North ..	831	..	..	..	45	876
Coimbatore, South ..	..	..	..	401	..	401
Madurai, East	..	..	106	..	11	117
Madurai, West	..	..	341	..	..	341
Tirunelveli	..	..	109	..	11	120
Tiruchirappalli	223	..	64	..	99	322
Total	1,998	..	1,020	401	169	3,488
<i>Reserved lands.</i>						
Madurai, East	..	..	..	..	316	316
Madurai, West	..	..	..	..	118	118
Tirunelveli	..	..	..	..	148	148
Tiruchirappalli	..	..	..	..	57	57
Total	..	..	..	..	639	639
OOTACAMUND CIRCLE.						
<i>Reserved forests.</i>						
South Kanara	802	..	..	..	..	802
Wynaad	..	..	275	..	..	275
Nilambur	125	..	..	..	..	125
Palghat	251	..	..	..	..	251
Nilgiris	..	..	397	..	..	397
Total	1,481	..	772	..	4	2,257
ABSTRACT.						
Reserved forests	11,665	..	3,770	1,916	1,504	17,855
Reserved lands	28	..	17	..	1,932	2,077
Grand total	11,693	..	3,787	1,946	3,436	20,856

FORM No. 25.

Communications and buildings during 1951-52.

Description of work.	Name of circle.	At 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.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Roads and bridges including culverts.	Kannada	126	773 3 1	1,71,964	..	..	..	126	773 3 1	1,71,964	57	316 7 5	14,062
	Belary	206	916 0 0	2,93,962	..	..	..	211	962 0 0	2,93,964	63	251 0 7	2,67,42
	Salem	307	678 4 1	9,98,442	..	..	..	147	678 4 1	9,98,442	104	488 6 3	49,220
	Coimbatore	306	963 5 0	9,14,710	..	..	..	199	964 4 0	9,14,710	121	752 5 0	11,197
	Ootacamund	315	890 2 0	17,35,582	..	..	..	315	890 2 0	17,35,582	314	702 5 0	70,914
Total		997	4,260 6 5	41,15,660	..	..	..	998	4,277 5 5	42,47,162	562	2,512 0 5	2,76,174
Buildings, residential and non-residential.	Kannada	288	..	3,29,764	..	..	..	270	..	3,25,778	199	..	20,895
	Belary	378	..	5,64,815	..	..	..	376	..	5,63,624	107	..	28,158
	Salem	345	..	5,17,767	..	..	..	343	..	5,16,178	229	..	28,561
	Coimbatore	373	..	7,26,395	..	..	..	373	..	7,37,563	327	..	55,096
	Ootacamund	402	..	9,27,750	..	..	..	403	..	9,49,772	372	..	31,517
Total		1,801	..	30,87,337	..	..	..	1,790	..	31,06,721	1,325	..	1,43,133
Other works such as wells, etc.	Kannada	61	..	17,958	..	..	..	62	..	18,338	39	..	389
	Belary	196	..	72,034	..	..	..	196	..	72,034	58	..	1,343
	Salem	242	..	31,690	..	..	..	283	..	57,986	94	..	2,396
	Coimbatore	77	..	39,302	..	..	..	76	..	38,809	50	..	1,771
	Ootacamund	163	..	62,261	..	..	..	103	..	64,781	39	..	873
Total		681	..	2,74,970	..	..	..	722	..	2,84,095	231	..	7,421
Grand total for the State.	Roads and bridges including culverts, buildings, residential and non-residential.	997	4,260 6 5	41,15,660	..	..	..	998	4,277 5 5	42,47,162	562	2,512 0 5	2,76,174
	Other works such as wells, etc.	1,801	..	30,87,337	..	..	..	1,790	..	31,06,721	1,325	..	1,43,133
	Other works such as wells, etc.	681	..	2,74,970	..	..	..	722	..	2,84,095	231	..	7,421

FORM No. 26.

Return of breaches of Forest Rules during 1951-52.

New cases of the year.										Disposed of during the year.																		
Circle.	(1)	(2)	Cases pending from 1950-51	(3)	Injury to forest by fire.	(4)	Unauthorized felling or appropriation of wood and produce.	(5)	Grazing with or in breach of prohibition.	(6)	Other offences.	(7)	Total new cases of the year.	Total cases.				Convictions.				Acquittals.				Total.	Cases pending at the close of the year.	
														(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)							
Part I—Reserves.																												
Kakinada Circle	..	5,623	..	4	2,035	129	202	370	8,003	1,073	2,028	1,239	2,768	1,239	2,768	2,332	4,706	5,671	..	..	..	..	..	..	..	..	..	..
	..	3,971	..	13	4,735	540	308	5,616	9,587	3,321	5,356	26	3,321	26	3,321	3,347	5,483	6,240	..	..	..	..	..	..	..	..	..	..
Total for the Circle	..	9,594	..	174	6,770	649	510	11,421	17,590	4,394	7,384	1,265	11,911	1,265	11,911	5,679	10,229	11,911	..	..	..	..	..	..	..	..	..	..
Bellary Circle	..	3,387	..	..	3,087	485	36	3,558	6,945	912	1,611	1,245	2,027	1,245	2,027	2,180	3,868	4,765	..	..	..	..	..	..	..	..	..	..
	..	6,590	..	..	6,173	1,018	207	7,398	13,958	4,716	7,767	1,759	3,023	1,759	3,023	3,375	4,130	4,765	..	..	..	..	..	..	..	..	..	..
Total for the Circle	..	9,977	..	196	9,260	1,503	243	11,421	20,933	5,523	9,378	3,027	5,610	3,027	5,610	5,555	15,028	13,378	..	..	..	..	..	..	..	..	..	..
Salem Circle	..	8,090	..	8	9,472	952	463	10,965	18,955	1,573	3,177	3,456	5,155	3,456	5,155	5,029	8,339	13,956	..	..	..	..	..	..	..	..	..	..
	..	9,999	..	4	4,301	766	357	5,348	15,947	8,250	10,397	515	791	515	791	8,777	11,251	6,770	..	..	..	..	..	..	..	..	..	..
Total for the Circle	..	18,089	..	226	13,948	1,718	59	16,749	34,532	9,832	13,682	3,974	5,949	3,974	5,949	13,806	19,611	20,726	..	..	..	..	..	..	..	..	..	..
Coimbatore Circle	..	4,563	..	1	2,124	290	160	2,505	7,177	1,601	3,520	953	2,019	953	2,019	2,555	5,539	4,622	..	..	..	..	..	..	..	..	..	..
	..	7,964	..	6	6,020	361	342	6,729	13,914	2,779	5,255	508	1,259	508	1,259	3,371	6,508	10,340	..	..	..	..	..	..	..	..	..	..
Total for the Circle	..	11,827	..	121	8,241	651	502	9,875	21,691	4,373	8,775	1,548	2,272	1,548	2,272	5,936	12,047	15,165	..	..	..	..	..	..	..	..	..	..
Ootacamund Circle	..	271	..	1	252	17	31	361	632	280	42	42	92	42	92	331	564	361	..	..	..	..	..	..	..	..	..	..
	..	675	..	17	1,045	192	295	1,549	2,221	1,311	213	19	213	19	213	1,321	2,170	994	..	..	..	..	..	..	..	..	..	..
Total for the Circle	..	946	..	19	1,330	211	21	1,967	2,856	1,590	2,638	61	96	61	96	1,651	2,731	1,205	..	..	..	..	..	..	..	..	..	..
Part II—Unclassified.																												
Kakinada Circle	..	120	..	..	149	..	..	155	305	77	217	20	217	20	217	106	301	149	..	..	..	..	..	..	..	..	..	..
	..	89	..	..	242	..	..	279	368	372	378	3	378	3	378	275	381	91	..	..	..	..	..	..	..	..	..	..
Total for the Circle	..	209	..	..	406	..	..	434	673	349	595	82	87	82	87	381	632	240	..	..	..	..	..	..	..	..	..	..
Bellary Circle	..	..	..	1	35	..	..	35	85	20	43	1	43	1	43	20	43	16	..	..	..	..	..	..	..	..	..	..
Salem Circle	..	736	..	3	643	..	6	652	1,383	212	378	184	378	184	378	396	590	942	..	..	..	..	..	..	..	..	..	..
	..	939	..	32	1,770	..	143	1,945	2,275	212	590	..	590	..	590	802	905	1,478	..	..	..	..	..	..	..	..	..	..
Total for the Circle	..	1,675	..	35	1,829	..	149	2,013	3,658	424	860	774	860	774	860	1,193	1,501	2,420	..	..	..	..	..	..	..	..	..	..
Coimbatore Circle	..	87	..	..	39	..	21	119	24	34	305	3	305	3	305	27	41	89	..	..	..	..	..	..	..	..	..	..
	..	806	..	..	521	..	..	542	1,438	313	..	..	..	..	..	623	75	315	..	..	..	..	..	..	..	..	..	..
Total for the Circle	..	893	..	..	550	..	21	571	1,554	342	377	308	339	308	339	650	916	904	..	..	..	..	..	..	..	..	..	..
Ootacamund Circle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

ABSTRACT FOR THE STATE.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Total, Reserves	..	21,944	14	16,920	1,803	952	19,798	41,742	5,447	10,836	6,051	12,085	12,427	12,427	22,215
	..	28,209	40	29,334	3,107	1,539	29,931	55,291	20,275	31,061	2,915	3,781	3,781	3,781	32,977
Total, Unclassified	..	50,443	736	39,909	1,912	2,547	43,104	97,002	25,722	41,337	9,315	17,812	17,812	17,812	59,649
Total, Reserves and Unclassified	..	72,387	1,176	56,829	3,715	4,489	72,892	138,744	31,722	52,403	15,366	30,897	30,897	30,897	82,564
Total for the State	..	53,402	771	42,729	3,914	2,769	51,903	102,922	26,357	43,512	11,010	19,230	19,230	19,230	62,792

* The difference is due to interchange of figures between A and B.
 A = Cases compounded. B = Cases taken to court.

D = The total excludes cases undetected.

APPENDIX TO FORM No. 26.

Comparative statement of cattle impounded during 1951-52.

Circle.	Number of cattle impounded.			Average for the past three years ending 1950-51.
	1950-51.	1951-52.	(3)	
Kakinada	..	18,536	18,007	21,334
Bellary	..	33,976	32,600	32,865
Salem	..	22,219	22,446	19,209
Coimbatore	..	15,527	15,555	6,298
Ootacamund	..	2,343	1,547	2,275
Total	..	88,901	80,156	85,024

FORM No. 27.

Area of forest tracts protected from fire during the calendar year 1950.

Circle.	Method of protection.	Area protected during the previous year.	During the year under review.			Cost during the year under report.
			Area attempted to be protected.	Fires.	Actually protected.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		ACS.	ACS.	ACS.	ACS.	RS.
Kakinada	Special protection ..	1,6,477	132,541	1,895	130,796	1,895
	General protection ..	2,235,927	2,581,718	12,560	2,242,188	3,760
	Early burning ..	..	..	..	..	..
	Total ..	2,372,404	2,417,259	41,365	2,372,894	5,655
Bellary	Special protection ..	51,887	59,317	9,872	49,175	..
	General protection ..	3,126,696	3,487,191	2,52,356	3,234,839	..
	Early burning ..	..	..	..	..	..
	Total ..	31,31,588	3,546,542	262,228	32,84,314	..
Salem	Special protection ..	3,39,947	3,31,906	4,131	3,34,775	1,333
	General protection ..	17,84,315	2,215,181	15,767	2,199,611	701
	Early burning ..	..	..	..	..	..
	Total ..	2,115,262	25,51,287	19,898	25,49,386	5,934
Coimbatore	Special protection ..	1,85,716	1,91,756	7,845	1,86,911	1,991
	General protection ..	2,913,877	2,107,298	35,491	2,064,806	5,202
	Early burning ..	82	..	..	..	..
	Total ..	2,199,675	2,295,054	43,337	2,251,717	10,193
Ootacamund	Special protection ..	879,144	877,553	26,557	831,026	28,780
	General protection ..	273,914	291,031	5,372	285,659	110
	Early burning ..	71,113	73,251	..	73,251	219
	Total ..	1,223,271	1,241,835	31,929	1,200,936	29,115
Abstract for the State.	Special protection ..	1,587,171	1,599,103	50,210	1,548,893	..
	General protection ..	9,438,829	10,378,653	351,547	10,027,106	..
	Early burning ..	71,195	73,251	..	73,251	..
	Grand total ..	11,092,195	12,051,007	401,757	11,649,250	..

APPENDIX TO FORM No. 27.

Comparative statement of number and origin of fires that occurred during the calendar year 1951.

Circle.	A. Fires occurred by accident or through carelessness in burning fire lines.		B. Fires entering forests by crossing exterior fire lines.		C. Fires beginning inside the reserves or fire traced areas.					
					Owing to carelessness or accident.					
(1)	Number of fires.	Area burnt in acres.	Number of fires.	Area burnt in acres.	By workmen engaged in 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.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Kakinada	3	26	5	154	20	2,059	153	21,112	..	..
Bellary	..	..	8	3,866	66	44,341	151	61,711	..	..
Salem	..	..	..	..	..	..	171	14,011	5	3,405
Coimbatore	2	9	17	8,390	4	66	78	3,636	3	81
Ootacamund	14	2,041	88	719	11	99	98	2,869	..	..
Total	19	2,076	68	13,129	101	46,565	651	1,04,349	16	3,895

C. Fire beginning inside the reserves or fire traced areas—cont.

Circle.	By intentional firing.		Total of C.	Causes unknown.	Total of A, B, C and causes unknown.	
	In order to obtain new grass.	In order to burn out game or to reduce cover.			Number of fires.	Area burnt in acres.
(14)	(15)	(16)	(17)	(18)	(19)	(20)
Kakinada	18	5,517	19	8,582	212	37,800
Bellary	138	89,992	2	498	153	56,651
Salem	101	4,002	..	..	41	1,703
Coimbatore	167	7,050	9	362	647	43,337
Ootacamund	10	808	15	254	331	31,930
Total	434	1,07,399	36	9,134	1,287	274,438

FORM No. 28.

Area closed and open to grazing during 1951-52.

Division.	Area closed to grazing of all animals throughout the year.	Area open to grazing throughout the year.		Balance, i.e., area open to grazing for a part of the year and therefore closed for the remainder.		Total.
		Of all animals.	Of non-browsers only.	Of all animals.	Of non-browsers only.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.	SQ. MILES.
KAKINADA CIRCLE.						
Reserved forests.						
Visakhapatnam, North	12	50	..	..	..	62
Visakhapatnam, South	7	513	..	..	..	520
Godavari, Lower	39	537	36	..	..	613
Godavari, Upper	1	885	..	..	..	886
Antur	41	753	339	..	30	1,163
Telore, South	17	..	211	..	42	330
Telore, North	161	..	35	..	194	398
Total	316	2,738	651	..	266	3,971
Reserved lands.						
Visakhapatnam, North	..	245	..	..	..	245
Visakhapatnam, South	..	115	..	..	..	115
Godavari, Lower	..	148	..	..	..	148
Telore, North	..	125	..	..	..	125
Total	..	683	..	..	..	683
BELLARY CIRCLE.						
Reserved forests.						
Kurnool, East	11	..	1,061	..	..	1,072
Kurnool, West	25	851	..	..	..	876
Anantapur	23	..	544	..	318	905
Bellary	21	..	420	..	504	945
Cuddapah, North	37	830	..	..	..	867
Cuddapah, South	60	786	..	84	..	930
Total	177	2,457	2,045	84	822	5,565
Reserved lands.						
Bellary	..	6	..	..	..	6

Area closed and open to grazing during 1951-52--cont.

Division.	Area closed to grazing of all animals throughout the year.		Area open to grazing throughout the year.		Balance, i.e., area open to grazing for a part of the year and therefore closed for the remainder.		sq. miles.
	(1)	(2)	(3)	(4)	(5)	(6)	
SALEM CIRCLE.							
Reserved forests.							
Chittoor, East	196	332	..	..	..	..	5
Chittoor, West	18	328	..	..	..	..	5
Vellore, East	20	650	..	..	..	..	7
Vellore, West	29	406	..	79	..	..	8
Salem, South	79	502	..	20	..	..	9
Salem, North	18	687	..	..	..	..	8
Chingleput	8	..	..	495	..	..	50
Total	278	2,965	..	504	..	..	80
Reserved lands.							
Chittoor, East	..	432	..	..	..	..	4
Chittoor, West	..	148	..	..	..	..	1
Vellore, East	2	..	..	..	..	..	..
Salem, South	..	2	..	..	..	..	..
Chingleput	..	106	..	..	..	..	1
Total	2	688	..	..	..	..	6
COIMBATORE CIRCLE.							
Reserved forests.							
Kollegal	19	922	..	..	..	..	9
Coimbatore, North	14	854	..	..	..	11	5
Coimbatore, South	165	..	236	..	..	..	4
Madurai, East	72	312	147	..	..	5	5
Madurai, West	90	360	..	..	..	..	4
Tirunelveli	223	..	180	103	..	..	5
Tiruchirappalli	41	..	341	57	4	..	4
Total	633	2,448	904	220	20	..	45
OOTACAMUND CIRCLE.							
Reserved forests.							
South Kanara	20	..	782	..	..	..	80
Wynaad	5	..	261	..	..	..	26
Nilambur	103	..	..	..	..	..	10
Palghat	145	..	113	..	..	..	25
The Nilgiris	80	..	403	..	..	..	48
Total	353	..	1,559	..	..	..	189
Reserved lands.							
Wynaad	..	..	9	..	..	..	..
The Nilgiris	6	..	2	..	..	..	..
Total	6	..	11	..	..	..	..
Leased forests.							
Nilambur	22	..	..	..	..	..	2
ABSTRACT.							
Reserved forests	1,783	10,818	5,159	808	1,108	..	19,408
Reserved lands	8	1,338	..	..	..	..	1,346
Leased forests	22	..	..	..	..	..	22
Total	1,798	11,956	5,159	808	1,108	..	20,776
* This includes reserved lands.							

* This includes reserved lands.

FORM NO. 29.

Return of grazing in the State forests of Madras during 1951-52.

FORM No. 29.

Return of grazing in the State forests of Madras during 1951-52.

Grazing on payment—Number of animals.

At enhanced or special rates.

At fall rates.

At provided rates.

Division.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
			Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	Bullocks.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	Bullocks.	Cows and bullocks.	Goats and sheep.	Other animals.
						Rs.					Rs.				
Visakhapatnam, North	..	..	..	..	..	..	(a) 98	870	1,133	..	..	..	..	..	..
Visakhapatnam, South	..	..	..	..	..	..	(b) 44	201	714	..	..	..	..	..	..
Godavari, Lower	..	..	..	..	..	..	(c) 52	6,820	1,558	..	..	..	..	..	..
Godavari, Upper	..	..	..	..	..	..	(d) 5,904	3,160	2,048	..	..	..	..	..	..
Guntur	..	..	..	..	..	..	(e) 469	16,937	515	..	..	..	..	..	..
Nellore, South	..	..	..	..	..	..	(f) 18,522	7,269	1,273	..	..	..	..	..	..
Nellore, North	..	..	..	..	..	..	(g) 7,372	4,625	2,636	..	..	..	..	..	..
..	..	..	..	..	..	..	(h) 29,496	40,406	168,561	..	..	..	..	..	..
..	..	..	..	..	..	..	(i) 14,512	2,451	3,315	..	..	..	..	..	..
..	..	..	..	..	..	..	(j) 127	6,332	1,247	..	..	..	..	..	..
..	..	..	..	..	..	..	(k) 819	2,172	1,000	..	..	..	..	..	..
..	..	..	..	..	..	..	(l) 41	2,632	1,000	..	..	..	..	..	..
..	..	..	..	..	..	..	(m) 2,041	5,163	16,239	..	..	..	..	..	..
..	..	..	..	..	..	..	(n) 258	11,793	7,435	..	..	..	..	..	..
..	..	..	..	..	..	..	(o) 729	1,006	1,064	..	..	..	..	..	..
..	..	..	..	..	..	..	(p) 322	1,235	5,477	..	..	..	..	..	..
..	..	..	..	..	..	..	(q) 506	1,700	1,188	..	..	..	..	..	..
..	..	..	..	..	..	..	(r) 141	1,627	260	..	..	..	..	..	..
..	..	..	..	..	..	..	(s) 197	168	220	..	..	..	..	..	..
Total	..	..	..	..	..	..	71,554	188,824	237,419	68	1,00,197	..	..	..	..
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..	..	..	..	..	..	..	..	..							

Return of grazing in the State forests of Madras during 1951-52—cont.

	Grazing free—Number of animals.												
	By right under settlement.					During pleasure of Government or otherwise than under settlement.							
	Grazing on payment—Number of animals— cont.					Value of fees at full rates.					Value of fees at full rates.		
	(16) RS.	(17) Value of fees at full rates.	(18) Bullocks	(19) Cows and bullocks	(20) Goats and sheep	(21) Other animals	(22) Value of fees at full rates.	(23) Bullocks	(24) Cows and bullocks	(25) Goats and sheep	(26) Other animals	(27) Value of fees at full rates.	(28) Total value of fees at full rates.
KAKINADA CIRCLE—cont.													
				86				941	17,175			1,756	1,756
								423	8,935			923	923
								4,508	45,431			3,449	3,449
				</									

Return of grazing in the State forests of Madras during 1951-52—cont.

Grazing on payment—Number of animals.

Division.	At enhanced or special rates.				At full rates.				At privileged rates.			
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	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.
(1)					Rs.					Rs.		
Panchayat forests under departmental control in Kakinada circle	..	..	..	..	..	9,462	53,730	137,398	..	83,769	..	..
Panchayat forests under departmental control in Bellary Circle.	..	..	..	..	..	8,714	73,834	291,365	..	97,899	..	..
Panchayat forests under departmental control in Salem Circle ..	..	..	..	..	..	1,329	102,003	125,899	..	7,434	..	..
Panchayat forests under departmental control in Coimbatore Circle	..	..	..	..	..	41	3,534	9,395	..	3,425	..	..
Panchayat forests under departmental control in Ootacamund Circle	5	635	712	..	526	..	..	..	..	..	..	..
Total	5	685	712	..	526	19,546	2,13,149	5,64,177	..	2,57,826	..	..

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	Grazing free—Number of animals.				During pleasure of Government or otherwise than under settlement.				Total value of fees at full rates.				Grand total of value of fees at full rates.	
	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
	Actuals.	Value of fees at full rates.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Value of fees at full rates.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Value of fees at full rates.	Total value of fees at full rates.	Grand total of value of fees at full rates.
Panchayat forests under departmental control in Kakinada Circle	..	..	..	..	..	..	..	..	..	..	..	..	..	83,710
Panchayat forests under departmental control in Bellary Circle.	..	..	..	..	..	..	..	..	..	..	..	..	..	97,860
Panchayat forests under departmental control in Salem Circle ..	..	..	..	..	..	..	..	..	..	..	..	..	..	72,331
Panchayat forests under departmental control in Coimbatore Circle	..	..	..	..	..	..	..	..	..	..	..	..	..	3,925
Panchayat forests under departmental control in Ootacamund Circle	..	..	..	..	..	..	..	..	..	..	..	..	..	526
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	2,58,362

ABSTRACT OF ANIMALS PERMITTED TO GRAZE ON PAYMENT IN THE RESERVED FORESTS AND RESERVED LANDS IN THE STATE.

Circle.	Buffaloes.	Cows and bullocks.	Sheep and goats.	Other animals.	Total.
Kakinada	81,316	227,544	375,115	65	684,043
Bellary	99,591	301,044	710,304	15	1,110,859
Salem	14,675	541,229	334,838	15	890,747
Coimbatore	13,032	287,297	194,892	14	485,236
Ootacamund	26,792	76,391	12,795	101	116,279
Total	235,306	1,433,705	1,618,004	198	2,287,213

Division.	Buffaloes.	Cows and bullocks.	Sheep and goats.	Other animals.	Cows and bullocks.			Sheep and goats.		
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
<i>Note for Kakinada Circle.</i>										
Vishakhapatnam, North	..	0 8 0	0 4 0	..	0 2 0	0 4 0	0 1 6	..	..	..
Vishakhapatnam, South	..	0 6 0	0 3 0	..	0 4 0	0 1 6	0 2 0	..	..	..
Godavari, Lower	..	0 8 0	0 4 0	..	0 2 0	0 1 6	0 1 6	..	..	..
Godavari, Upper	..	0 6 0	0 3 0	..	0 2 0	0 1 6	0 1 6	..	..	..
Guntur ..	..	0 3 0	0 1 6	..	0 2 0	0 1 6	0 1 6	..	..	..
Nellore, South	..	0 6 0	0 3 0	..	0 2 0	0 1 6	0 1 6	..	..	..
Nellore, North	..	0 6 0	0 3 0	..	0 2 0	0 1 6	0 1 6	..	..	..
<i>Note for Bellary Circle.</i>										
Kurnool, East	..	1 5 0	0 10 0	..	0 5 0	0 4 0	0 4 0	..	..	..
Kurnool, West	..	0 6 0	0 4 0	..	0 2 0	0 4 0	0 4 0	..	..	..
Anantapur	..	0 3 0	0 4 0	..	0 2 0	0 4 0	0 4 0	..	..	..
Bellary ..	..	0 6 0	0 4 0	..	0 2 0	0 4 0	0 4 0	..	..	..
Cuddapah, North	..	0 6 0	0 4 0	..	0 2 0	0 4 0	0 4 0	..	..	..
Cuddapah, South	..	0 6 0	0 4 0	..	0 2 0	0 4 0	0 4 0	..	..	..
<i>Note for Salem Circle.</i>										
(a) Sale of permits in rotational grazing blocks subject to a maximum of Rs. 1 a permit.	..	0 6 0	0 4 0	..	0 2 0	0 4 0	0 4 0	..	..	..
(b) and (c) Three annas per cow unit and four annas per division—vide permit.	..	0 6 0	0 4 0	..	0 2 0	0 4 0	0 4 0	..	..	..

FORM No. 30.

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52.

(d) Eight annas per cow unit for foreign cattle and four annas per local cattle.
 (e) Two annas and one and a half annas per cow unit for the Malayalee cattle in the Javadi and Chitteria under the hill village system.
 (f) Eight annas per cow unit for foreign cattle, four and a half annas per cow unit for local cattle in Harur range and four annas per cow unit in other ranges.
 (g) One and a half annas per cow unit for the Malayalee cattle under the hill village system.
 (h) Different rates ranging from annas three to annas eight per cow unit.
 (i) Six annas per cow unit for cattle grazed in Perigam and Sananavu rotational grazing blocks.
 (j) Four annas per cow unit in Denkanikota West, Anchetti and Dharmapuri ranges, six annas per buffalo, four annas per cow and one and a half annas per sheep in Krishnagiri and portion of old Cauvery range.
 (k) Different rates of eight annas to thirteen annas per cow unit, ten annas to one rupee and ten annas per buffalo and three annas to six annas per sheep.
Note for Coimbatore Circle.
 (a) Includes Rs. 260-8-0 collected for rotational grazing, Rs. 8-0-0 collected for deferred grazing, Re. 0-10-0 by sale of permits for removal of fodder grass and Rs. 650-8-0 collected as pinning licences.
 (b) Includes Rs. 1,230-4-0 collected for special grazing, Rs. 208-8-0 collected for Kolkattai grass and other miscellaneous lease, Rs. 1,415-0-0 collected for lease of fodder grass, Rs. 7-4-0 grazing fees of panchayat forests wrongly included in this and Re. 1-0-0 being the value of 2 buffaloes permit, received from Rangar.
 (c) Free grazing allowed to cattle of the subordinates and local labourers of Tunkadavu range (68 cows and bullocks) and the Pulayars in the Punalchi range for supply of labour for departmental works (25 cows and bullocks).
 (d) Includes revenue of Kodakanal, Palani and Cumbum ranges of the present Madurai West Division up to 14th October 1951.
 (e) Includes Rs. 48-0-0 being the sale amount of grazing right in Maharaipuram Reserved Forest and excess collection of Re. 0-3-6 in Padugal range.
Note for Odanand Circle.
 Divisions.
 Buffaloes.
 RS. A. P.
 Cows and bullocks.
 RS. A. P.
 Goats and sheep.
 RS. A. P.
 Enhanced rates—
 Palghat 1 0 0 0 3 0 0 4 0
 The Nilgiris (foreign cattle) 0 3 0 0 4 0 0 2 0
 The Nilgiris (Others) 0 4 6 0 2 6 0 1 2
 Ordinary rates—
 South Kanara 0 5 0 0 3 0
 Wynad 0 8 0 0 4 0
 Palghat 0 8 0 0 4 0
 The Nilgiris 0 3 0 0 1 6
 Privileged rates—
 South Kanara 0 2 0 per head at Kalgunda cattle-fair.
 The Nilgiris 0 1 0 at Sitanady cattle-fair.
 for 50 heads or part per day for three days.
 (a) Sitanady cattle-fair.

Form No. 30.

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52.

Division.	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed by the end of the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.
							Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.		
(1)	(2)	(3)	(4)	(5)	(6)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
ACS.			ACS.		ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
KAKINADA CIRCLE.														
TIMBER FORESTS.														
(1) Regeneration of clear felled and selection felled areas.														
(a) Main Teak.														
(i) By Kumridars—Nil.														
(ii) By other methods.														
Visakhapatnam, South.	Teak Conversion Working Circle.	1933-34 to 1957-58 ..	1,763	Clear felling and raising teak by stump planting.	82	631	1,605	1,246	2,851	13,641	11,479	25,120	11,122	37,949
Visakhapatnam, North.	Do.	1933-34 to 1942-43 ..	102	Old plantation	102	102	..	..	..	1,765	1,026	2,791	..	2,482
Guntur ..	Do.	1943-49	..	Do.	84	17	..	..	..	302	85	387	..	..
Godavari, Upper.	Do.	1936-37 to 1945-46 ..	2,370	Clear felling and raising teak by stump planting.	23	3,062	4,022	2,775	6,797	1,02,813	26,511	1,29,324	3,520	8,75,648
Do.	Do.	1946-47 to 1950-51 ..	1,185	Clear felling and raising teak by stump planting.	..	..	..	..	..	..	..	..	..	..
Do.	Do.	1951-52 to 1955-56 ..	1,050	Clear felling and raising teak by stump planting P. marsupium and Dalbergia latifolia.	1	6	..	..	..	..	..	..	..	..
Total ..			4,605		..	..	..	..	..	..	..	..	..	..
Do.	Fuel Working Circle.	1936-37 to 1945-46 ..	300	Stump planting of teak.	172	172	..	45	45	1,918	1,309	3,227	..	32,917
Godavari, Lower.	Timber Clear Felling Working Circle.	1934-35 to 1943-44 ..	579	Do.	515	515	..	270	270	6,173	4,693	10,866	..	2,210
Do.	Papikonda Experimental Working Circle.	1936-37 to 1943-44 ..	..	Do.	102	102	..	290	290	1,603	1,878	3,481	400	12,374
Do.	Teak Conversion Working Circle.	1934-35 to 1943-44 ..	105	Do.	95	95	..	..	..	1,096	1,502	2,598	..	21,496
Do.	Teak Plantation Working Circle.	1944-45 to 1958-59 ..	1,627	Raising teak by stump planting.	82	955	3,022	1,648	4,665	29,142	10,452	39,594	6,800	8,150
Total ..			5,489		198	5,681	8,649	6,269	14,918	1,58,453	58,935	2,17,388	21,642	9,93,226
(b) Other timber species.														
(i) By Kumridars—Nil.														
(ii) By other methods.														
Visakhapatnam, North.	Sal Working Circle ..	1933-34 to 1942-43 ..	..	Old plantation	211	211	..	..	..	975	2,147	3,122	..	3,744
Guntur ..	Palmyra Working Circle.	Up to 1950-51 ..	..	Dibbling seeds	81	81	..	..	..	528	..	528	..	..
Total ..			360		292	292	..	..	..	1,503	2,147	3,650	..	3,744
2. Fuel Forests.														
(i) By kumri method.														
Godavari, Lower	Fuel Working Circle.	..	..	Depatal kumri	4	4	..	..	..	59	6	65	..	1,124
Godavari, Upper.	Do.	..	..	By kumridar	29	29	..	..	..	122	..	122	..	..
Guntur ..	Do.	..	..	Depatal kumri	302	302	..	..	..	2,099	292	2,391	..	..
Visakhapatnam, South.	Fuel Plantation Working Circle.	1943-44 to 1957-58 ..	..	Regeneration of fuel forests.	20	174	140	61	201	282	174	456	..	..
Do.	Do.	Do.	..	Rab regeneration	73	73	..	..	..	150	..	150	..	..
Visakhapatnam, North.	Do.	Do.	..	Other methods	40	40	..	..	..	748	344	1,092	..	..
Do.	Do.	Do.	..	Old plantations, by kumri	72	72	..	..	..	3,440	816	4,256	..	1,124
Total ..			616		20	694	140	61	201	3,440	816	4,256	..	1,124

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed by the end of the previous year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.	(15)	(16)	
ACS.			ACS.		ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
KAKINADA CIRCLE—cont.																
2. FUEL FORESTS—cont.																
(ii) By other methods.																
Guntur ..	Casuarina Circle.	Working	1930-31 to 1951-52 ..	2,452	Raising casuarina plantation.	2,452	56	2,508	5,906	2,612	8,518	1,63,063	61,658	2,24,721	64,874	1,52,017
Godavari, Lower.	Fuel Working Circle.		1931-35 to 1943-44 ..	400	Rab regeneration ..	308	..	308	..	..	..	1,628	527	2,155	..	..
	Charcoal Plantation ..		1942-43 to 1951-52 ..	800	Sowing fuel species in lines.	158	..	153	..	..	..	1,110	70	1,189	..	..
	Casuarina Plantation Working Circle.		1934-35 to 1958-59 ..	979	Clear felling and plan'ing casuarina seedlings.	651 + 79 = 730	80	715	3,420	1,259	4,070	34,461	23,333	77,794	61,080	3,71,633
Nellore, North ..	Fuel Working Circle ..		1942-43 to 1950-51 ..	683	Rab regeneration ..	117	5	122	97	..	97	1,890	..	1,890	..	534
	Casuarina Working Circle.		1943-44 to 1951-52 ..	4,568	Raising casuarina plantation.	5,688	70	2,755	5,185	..	5,185	2,61,171	..	2,61,171	21,750	..
Nellore, South ..	Do.		1941-42 to 1951-52 ..	..	Do.	10,668	430	11,098	29,741	13,798	43,539	6,70,838	3,46,099	10,16,937	1,43,617	8,05,589
					Total ..	17,016	641	17,659	44,349	17,669	62,018	11,54,161	4,31,696	15,85,857	2,91,321	8,29,773
3. SANDAL WOOD.																
Visakhapatnam, South.	Sandal Propagation Working Circle.		1943-44 to 1957-58 ..	..	Raising sandal propagation.	62	..	62	..	..	..	348	79	427	..	..
Visakhapatnam, North.	Do.		Do.	..	Do.	21	..	21	..	..	..	116	26	142	..	..
Godavari, Upper.	Do.		1951-52 to 1955-56 ..	..	Do.	1	..	1	39	..	39	39	..	39	..	..
Guntur ..	Do.		1941-42 to 1950-51 ..	..	Do.	68	..	68	..	..	..	492	38	530	..	..
					Total ..	152	..	152	39	..	39	995	143	1,138	..	..
4. SOFTWOOD SPECIES.																
Godavari, Upper.	Fuel Working Circle.		1936-37 to 1945-46 ..	300	Raising Bombax Malabaricum.	5	..	3	..	..	..	..	..	..	..	..
	* Softwood Working Circle.		Do.	..	Raising Bombax malabaricum	..	..	..	8	..	8	8	..	8	..	..
Nellore, South ..	Sriharikota Range ..		1946-47 to 1947-48 ..	..	allanku excelsa and sowing seeds of Meera dubia.	12	..	12	..	..	..	765	..	765	..	..
					Bombay malabaricum.	15	..	15	8	..	8	773	..	773	..	..
					Total ..	15	..	15	8	..	8	773	..	773	..	..
5. OTHER SPECIES.																
Guntur ..	Babul Working Circle.		Up to 1950-51	..	Sowing babul seed by taungya method.	326	12	338	199	..	199	2,583	868	3,451	920	4,190
	Cashewnut Working Circle.		Up to 1948-49	..	..	35	..	35	..	..	..	822	15	837	..	..
	Gyrocarpus Working Circle.		Do.	..	..	19	..	19	..	..	..	149	26	175	..	..
	Tamarind Plantations.		Up to 1950-51	..	..	43	..	42	..	..	..	246	71	317	..	..
Nellore, North ..	Nandanavaram reserve forest.		....	..	Rab regeneration ..	16	..	16	..	..	..	70	..	70	..	..
Nellore, South ..	Manure Leaf Working Circle.		....	..	Raising manure leaf plantation.	67	..	67	..	..	..	245	..	245	..	..
					Total ..	505	12	517	199	..	199	4,115	680	5,095	920	4,190
* Failure.																

* Failure.

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed by the end of the year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.
								Creation.	Tending.	Total tending and up keep.	Creation.	Tending.	Total tending and up keep.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
			ACS.		ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
KAKINADA CIRCLE—cont.															
ABS TRACT.															
				1. (a) (ii) Timber forests—Mainly teak—By other methods.	5,480	198	5,681	8,649	6,269	14,918	1,58,453	58,935	2,17,388	21,842	9,93,226
				(b) (ii) Timber forests—Other timber species—By other methods.	290	..	292	..	..	..	1,503	2,147	3,650	..	3,744
				2. (i) Fuel forests—By Kumri method.	670	20	694	140	61	201	3,440	816	4,256	..	1,134
				(ii) Fuel forests—By other methods.	17,010	641	17,659	44,349	17,669	62,018	11,54,161	4,31,696	15,85,857	2,91,921	8,29,773
				3. Sandalwood ..	150	..	152	39	..	39	995	143	1,138	..	..
				4. Softwood species ..	15	..	15	8	..	8	773	..	773	..	..
				5. Other species ..	500	12	517	109	..	199	4,115	980	5,095	920	4,190
				Grand total ..	24,180	871	25,010	53,384	23,999	77,383	13,23,440	4,94,717	18,18,157	3,14,093	18,32,067

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed by the end of the previous year.	Area regenerated during the year.	Total area regenerated at the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
			ACS.		ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
BELLARY CIRCLE.															
1. TIMBER FORESTS.															
<i>(1) Regeneration of clear-felled and selection felled areas.</i>															
<i>(a) Mainly teak.</i>															
<i>(i) By Bhumridars—Nil.</i>															
<i>(ii) By other methods.</i>															
Kurnool, East ..	Timber Working Circle.	Ten years	50	Clear-felling and raising teak by dibbling and stump planting.	23	23	23	..	..	..	1,068	116	1,184	..	..
Cuddapah, South ..	Pole Working Circle.	Do.	50	Do.	12	18	141	1,484	1,516	3,000	7,487	4,974	12,461	..	229
	Settigunta Reserved Forest, Balsapalli.	Do.	..	Do.	2	2	2	..	..	..	..	..	..	..	..
Total ..			100		141	18	163	1,494	1,516	3,000	8,555	5,090	13,645	..	229
<i>(b) Other timber species.</i>															
<i>(i) By Bhumridars—Nil.</i>															
<i>(ii) By other methods.</i>															
Hagari Bank Plantation Division was merged in Bellary Division.	Hagari bank from Hagari Agricultural farm to Moka plantation.	1942-43 to 1944-45 ..	54	Planting trees to prevent sand dunes.	54	54	54	..	..	..	10,994	1,050	12,044	..	..
	Tungabhadra Project canal margin ..	1943-44	56	Do.	37	..	372	..	..	..	21,818	1,298	23,116	..	..
	Hagari river near Roopanagudi, north.	1945-46	604	Do.	6	..	63	..	..	..	1,597	..	1,597	..	..
	Hagari river near Roopanagudi, south.	Do.	67	Do.	6	..	67	..	..	..	2,878	..	2,878	..	..
	Roopanagudi channel.	Do.	13	Do.	1	..	13	..	..	..	970	..	970	..	..
	Hagari river bank 4½ miles long and 2 chains wide from Hagari Farm to Roopanagudi.	1946-47	68	Do.	6	..	68	..	..	..	3,122	..	3,122	..	..
	Block plantations in poramboke area of Meenahalli, Allur Road and Hagari Railway station.	Do.	110	Do.	11	..	110	..	..	..	2,124	49	2,173	..	..
	Wind belt from 1945 plantation at Roopanagudi to Kaliakurthi for 19½ miles.	Do.	296	Do.	29	..	296	..	..	..	11,822	1,297	13,119	..	..
	Block plantations in poramboke area contiguous with the wind belt along the eastern bank of Hagari.	Do.	417	Do.	41	..	417	..	..	..	6,304	..	6,304	..	..
	Block plantation of 130 acres in Guliam.	1947-48	130	Do.	19	..	130	..	..	..	4,243	..	4,243	..	..
	Block plantation south of Hagari bridge.	Do.	22	Do.	3	..	22	..	..	..	752	..	752	..	..
	Block plantation north of Hagari bridge.	Do.	28	Do.	3	..	28	..	..	..	1,313	..	1,313	..	..
	Block plantation west of wind belt sections 1 to 6 of 1946 in the mean flood level of Hagari river.	Do.	30	Do.	3	..	30	..	..	..	281	..	281	..	..

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52--cont.

Division.	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed by the end of the previous year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure at the end of the year.			Revenue during the year.	Total revenue to the end of the year.
								Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
			ACS.		ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
BELLARY CIRCLE--cont.															
1. TIMBER FORESTS--cont.															
(1) Regeneration of clear-felled and selection felled areas--cont.															
(b) Other timber species--cont.															
(ii) By other methods--cont.															
Hagari Bank Plantation Division was merged in Bellary Division--cont.	Block plantation at Malyam wind belt from the northern corner of Moka near Bomminakalli till that village limits, belt from Battianacode to the north of Herahadigili.	1947-48	..	..	173	Planting trees to prevent sand dunes.	17	..	..	..	9,014	..	9,014	..	..
	Block plantations in the limits of Guliam village.	Do.	..	..	200	Planting trees	2	..	..	..	6,376	..	6,376	..	..
	Afforestation between Hagari bridge and water-works.	1945-46	..	..	18	Do.	18	..	..	..	885	..	885	..	..
	Wind belt on eastern bank over 415 chains long and 2 chains with in Alur and Siruguppa taluks.	1947-48	..	..	83	Do.	83	..	..	..	3,796	..	3,796	..	..
	Block plantations in Siruguppa taluk.	1948-49	..	..	200	Do.	200	..	..	..	4,876	..	4,876	..	..
	Block plantations in Rayadrug taluk.	Do.	..	..	346	Do.	346	..	..	..	10,380	..	10,380	..	..
	Afforestation along the low level canal banks for 10 miles from 7 per cent to 8 per cent miles.	Do.	..	..	..	..	..	..	..	..	324	..	324	..	..
	Direct sowings in furrows in the low level canal in Rayadrug taluk.	Do.	..	..	30	Planting trees	30	..	..	..	39	..	39	..	..
Kurnool, East	Small Timber Working Circle.	10 years	..	..	350	Do.	200	5	205	80	18	98	2,914	1,185	4,099
	Soft wood Working Circle.	Do.	..	..	100	Stump planting	70	..	70	153	33	186	3,215	1,182	4,397
Cuddapah, South.	Iduripulapaya, Palmyrah plantation.	..	..	..	..	Palmyrah plantations.	604	..	604	..	..	..	300	..	300
Kurnool West	Spoke and Falloes Working Circle.	10 years	..	..	60	Gap regeneration with teak and vegl. and artificial regeneration.	13	..	13	..	..	..	585	11	596
	High Forest Working Circle.	Do.	..	..	200	Clear-felling and Rab sowing.	240	..	240	..	..	..	7,724	2,441	10,165
	Pole and Timbers Working Circle.	Do.	..	..	..	..	879	..	879	..	..	..	3,545	949	4,494
	Gundiabrahmeswaram Plot.	Do.	..	..	570	Clear-felling and sowing timber species.	312	28	340	1,806	606	2,412	17,277	5,009	23,186
	Pecheruva plantation.	Do.	..	..	50	Do.	70	10	80	1,015	213	1,228	5,582	1,609	7,191
	Pecheruva Experimental plot.	Do.	..	..	5	Do.	15	..	15	..	8	8	672	262	934
	Bairlutu timber plantation.	Do.	..	..	200	Do.	169	28	197	2,076	1,104	3,180	8,627	3,870	12,497
	Muduvagulagadda plantation.	Do.	..	..	130	Do.	125	18	141	1,368	1,710	3,078	7,876	4,349	11,725
	Serivel	Do.	..	..	80	Do.	67	6	73	671	999	1,670	4,163	1,845	6,013
	Ailanthus excelling plantation in Nandyal Range.	Do.	..	..	50	..	5	..	6	..	..	..	387	87	474
	Ailanthus excelling plantation in Pechuran Range.	Do.	..	..	50	Clear-felling and sowing timber species.	9	..	9	..	..	..	120	194	323
	Ailanthus excelling Bairlutu Range.	Do.	..	..	50	Do.	5	..	5	..	..	..	114	..	114
	Soft Wood plantation Nandyal Range.	Do.	..	..	..	Stump planting.	15	15	872	..	872	872	..	872	..

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.															
Division.	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed by the end of the previous year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
			ACS.		ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
BELLARY															
CIRCLE—cont.															
FORESTS—cont.															
(1) Regeneration of clear-felled areas—cont.															
(b) Other timber															
(ii) By other methods—cont.															
Anantapur	Pole Working Circle.	....	..	Selection-cum-coffee ..	2,356	2,356	..	..	..	..	383	184	517	..	6,031
	Selection Working Circle.	....	..	Departmental kumri.	94	94	..	..	..	..	46	..	46	..	..
	Small Timber Working Circle.	....	..	Do.	10	10	..	..	..	..	61	58	110	..	..
	Nigidi Reserved Forest.	....	..	Do.	5	5	..	..	..	..	95	..	95	..	..
Cuddapah, North ..	....	....	..	Red sanders plantation.	8	3	..	..	..	..	551	..	551	..	..
Cuddapah, South ..	Kondura B.S. plantation.	....	..	Do.	21	21	..	..	..	..	551	..	551	..	..
Total .. 4,983					8,011	110	8,121	8,041	4,691	12,732	1,68,755	27,779	1,96,534	..	84,041
2. FUEL															
FORESTS.															
(i) By kumridars.															
Cuddapah, South.	Fuel Working Circle.	1939-40	..	By kumridars	13	13	..	..	..	..	6	..	6	..	..
		1941-42	..	By departmental kumri.	40	40	..	..	..	..	370	..	370	..	..
		to 1946-47	..				..	..	..	..	..	..	..	..	15
Cuddapah, North ..	Do.	1939-40 to 1951-52	..	By kumridars.	57	57	..	..	..	..	..	..	..	..	..
Total ..					110	110	..	..	..	..	376	..	376	..	15
(ii) By other methods.															
Anantapur	Fuel Working Circle.	10 years	..	Simple coffee with standards rab regeneration of babul.	5,195	5,195	..	..	..	..	1,322	270	1,592	..	..
	Selection Working Circle.	Do.	..	Regeneration of babul.	45	45	..	..	..	..	270	..	270	..	..
	Fuel Working Circle..	15 years	..	Do.	328	16	339	12	8	20	844	181	1,025	..	..
	Selection Working Circle.	..	..	Concentrated regeneration.	18	12	..	..	..	..	27	..	27	..	..
Kurnool, West ..	Fuel Plantation Working Circle.	10 years	..	Bab regeneration	515	515	..	..	..	..	7,641	4,432	12,073	..	..
	Canal Bank plantation.	3 years	10 miles		9	9	..	..	..	..	651	185	836	..	1,207
Kurnool, East division.	Fuel Working Circle.	10 years	..	Afforestation of Canal bank.	1,348	1,348	..	..	..	..	404	84	488	..	..
	Fuel Plantation Scheme.	..	..	Simple coffee and coffee with standards.	25	25	..	..	..	..	351	35	386	..	..
	Charcoal	..	..	Do.	266	266	..	..	..	..	2,524	488	3,012	..	..
		..	..	Do.	266	821	..	..	..	..	1,207	164	1,371	..	..
		..	..	Bab regeneration	531	324	..	..	..	..	1,758	21	1,779	..	..
Cuddapah, North ..	Fuel Working Circle	.. 1931-32 to 1951-52 ..	..	Bab sowings in felled areas.	54	83	..	..	..	..	632	182	764	..	174
	Do.	.. 1939-40 to 1951-52 ..	..	Artificial regeneration in Circle, Range areas.	54	60	..	..	..	..	185	288	423	..	..
	Protection Working Circle.	1942-43 to 1951-52 ..	..	Do.	2	2	..	..	..	..	12	..	12	..	..
	Thorn Working Circle.	Do.	..	Do.	607	607	..	..	..	..	7,451	..	7,451	..	..
Cuddapah, South.	Fuel Working Circle	.. 1934-35 to 1949-50 ..	..	Bab regeneration	229	229	..	..	..	..	1,465	215	1,680	..	..
Bellary Division.	Fuel Working Circle.	1941-42 to 1947-48 ..	..	Artificial regeneration of babul, etc.	55	55	..	..	..	..	498	104	602	..	..
	Gain R.F.	.. 1941-42 ..	..	Concentrated regeneration.	16	9,985	12	8	20	27,192	6,599	38,791	..	1,391	
Total ..					8,249	16	9,985	12	8	20	27,192	6,599	38,791	..	1,391

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed by the end of the previous year.		Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure at the end of the year.			Revenue during the year.	Total Revenue to the end of the year.
					(6)	(7)		Creation.	Tending.	Total tending and up-keep.	Creation.	Tending.	Total tending and up-keep.		
(1)	(2)	(3)	(4)	(5)	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	(15)	RS.
BELLARY CIRCLE—cont.															
3. SANDALWOOD															
Anantapur ..	Sandalwood Working Circle.	....	..	Sandalwood propagation.	553	..	553	..	..	..	2,639	..	2,639	..	..
Kurnool, East ..	Do.	....	..	Do.	321	..	321	..	..	..	..	175	175	..	..
Kurnool, West ..	Do.	....	..	Do.	115	..	115	..	..	..	31	67	98	..	..
Bellary ..	Do.	....	..	Do.	151	..	151	..	..	..	Expenditure not available.			..	..
Cuddapah, South..	Do.	1934-35 to 1949-50 ..	..	Do.	222	..	222	..	..	..	19	..	19	..	..
Cuddapah, North..	Do.	1934-35 to 1951-52	..	Do.	9	..	47	14	..	14	426	32	458	..	..
Total ..					1,409	9	1,409	14	..	14	3,115	274	3,389	..	..
4. BAMBOOS															
Anantapur Division.	Bamboo Working Circle.	....	..	Raising a nursery	..	..	..	..	..	..	204	..	204	..	..
Bellary Division	Do.	....	..	Do.	..	..	..	..	..	..	107	..	107	..	..
Total ..											311	..	311	..	..
5. OTHER PLANTATIONS.															
Anantapur ..	Manure-leaf Working Circle.	15 years	..	75	Raising compact plantations.	18	..	..	..	..	147	..	147	..	..
..	....	....	..	..	Raising minor forest produce.	2	..	..	..	..	5	..	5	..	..
..	....	....	..	..	Raising soft wood	4	..	..	..	..	115	..	115	..	..
..	....	....	..	..	Raising <i>Cassurina</i> .	4	..	..	..	..	115	..	115	..	..
Kurnool, East ..	Manure-leaf Working Circle.	....	..	..	Rab regeneration of manure leaf.	2	..	..	..	..	11	..	11	..	..
..	Do.	10 years	..	100	Sowing of <i>Dodonaea viscosa</i> , <i>Cassia aricutata</i> , etc.	5	..	..	..	..	15	..	15	..	..
Total ..					30	..	30	..	..	..	408	..	408	..	..
AFForestation.															
(1) (a) (i) Timber forest—Mainly teak—By other methods.					163	16	163	1,434	1,516	3,000	8,555	5,090	13,645	..	229
(b) (ii) Timber forest—Other Timber species—By other methods.					8,011	110	8,121	8,041	4,891	12,732	1,68,755	27,779	1,96,534	..	84,041
(2) (i) Fuel forest—Kumridars.					110	..	110	..	..	..	376	..	376	..	18
(ii) Fuel forest—By other methods.					9,929	16	9,935	12	8	20	27,192	6,599	33,791	..	1,381
(3) Sandal wood ..					1,409	9	1,409	14	..	14	3,115	274	3,389	..	..
(4) Bamboos ..					..	..	..	..	..	..	311	..	311	..	..
(5) Other plantations ..					30	..	30	..	..	..	408	..	408	..	..
Grand total ..					19,410	133	19,771	9,551	6,315	15,766	2,03,712	33,742	2,43,454	..	85,689

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration completed at the end of the year.	Area regenerated during the year.	Total area regenerated at the end of the year.	Expenditure during the year.			Expenditure at the end of the year.			Revenue during the year.	Revenue to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	Total including tending and upkeep.	(12)	(13)	(14)	(15)	(16)
ACS.			ACS.		ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
SALEM FOREST.															
TIMBER TRACTS.															
(1) REGENERATION OF CLEAR-FELLED AND SELECTION-FELLED AREAS.															
(a) Main methods.															
(i) By landridders—Nil.															
(ii) By other methods.															
Chittoor, East	Chamala forest.	reserved 1938-39 to 1941-42	..	..	Stump planting with rosewood and regeneration of vengal in periphery, 1940-42 plantation.	8-00	..	8-00	..	..	..	154	40	194	..
	Napier reserved forests near Thotihavi.	1893 ..	..	..	Plantation ..	4-13	..	4-13	..	..	..	..	43	43	..
	Mamandur extension reserved forests.	1941-42	..	..	Stump planting ..	2-00	..	2-00	..	..	..	30	..	30	..
	Selection Working Circle.	Do.	..	..	Gap regeneration stump planting in periphery.	0-02	..	0-02	..	..	..	2	..	2	..
Chittoor, West	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittoor, East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittoor, West	Thirumalai reserved forest in Chengam, Javadis and Nagalahur reserved forests in Yelagiri.	1940-41 to 1941-42	..	..	Stump planting with mahogany in the periphery.	6-00	..	6-00	..	..	..	146	31	177	..
Salem, North	Experimental Teak Plantation Working Circle (under the working plan).	1949-50	..	..	Raising of teak in Nyamasundiram Agraharam including demarcation in plot No. I of 5 acres.	5-00	5-00	10-00	237	96	333	285	96	381	30
Salem, South	Kurumbapatty Palmyra block.	1942-42	..	..	Planting of teak stumps.	65-00	5-25	70-25	101	..	101	101	..	101	1609
Chingleput	Kambakkam reserved forest.	1935-36	..	..	Stump planting ..	6-00	..	6-00	..	..	..	188	..	188	..
Salem, South	Kurumbapatty Palmyra block.	Do.	..	..	Teak nursery ..	..	..	..	40	..	40	40	..	40	..
	Total	..	..	..	..	98-13	10-25	108-40	378	96	474	946	210	1,156	1,639
(b) Other timber species.															
(i) By landridders—Nil.															
(ii) By other methods.															
Chittoor, East	Chamala forest.	reserved 1938-39 to 1941-42	..	..	Red sanders sowings.	2-00	..	2-00	..	..	..	32	11	43	..
	Chittoor forest.	reserved 1927-28	..	..	Red sanders and natural planting.	431-00	..	431-00	..	..	..	..	4,228	4,228	..
	Pitchanur tope and Whiteside garden.	..	..	..	..	90-22	..	90-22	..	..	..	307	..	307	..
	Mamandur valley	1928-29 to 1938-39	..	..	Red sanders and other valuable species planting.	0-10	..	0-10	..	..	..	..	..	..	..
	Haircomb Circle.	Working 1930-40	..	..	Canthium did num and Pleurostylia wightia.	..	..	..	..	..	..	..	..	..	..
Chittoor, West	Pitchanur tope and Whiteside garden.	1927-28	..	..	Red sanders and natural planting.	732-50	..	732-50	..	..	..	1,64,818	2,338	1,67,156	..
Chittoor, East	Palar plantation areas and Amerdi plantations.	1888-89 and 1912-13 to 1919-20.	..	..	Palar plantations—miscellaneous timber plantations, red sanders in Chenur and the remaining useful species, dibbling seeds blanks, Amerdi plantation teak and red sanders.	..	..	..	..	..	..	..	..	..	..

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52															
Division	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the year.		Total area regenerated at the end of the year.	Expenditure during the year.			Expenditure at the end of the year.			Revenue during the year.	Revenue to the end of the year.
					(6)	(7)		(8)	(9)	(10)	(11)	(12)	(13)		
(1)	(2)	(3)	(4)	(5)	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	(15)	(16)
SALEABLE AREAS—cont.															
TIMBER AREAS—cont.															
(1) REGENERATION OF CLEAR-FILLED AND SELECTION-FILLED AREAS—cont.															
(b) Other timber species—cont.															
(ii) By other methods—cont.															
Chingleput	Kambakkam reserved forest.	1935-36	..	..	..	Terminalia tomentaria.	1'00	..	1'00	..	..	..	11	..	11
	Do.	Do.	..	..	..	Red sanders	4'00	..	4'00	..	..	..	26	..	26
Salem, South	Karumbapathil palmyra.	16 years (1926-27)	..	..	..	Sowing palmyra seeds.	302'00	..	302'00	..	..	..	2,125	..	2,125
	In the division	15 years (1942-43)	..	..	..	P. Elata cutting	14'50	..	14'50	34	..	34	294	..	294
	Do.	Do.	..	..	..	Sowing minor forest produce.	4'00	..	4'00	..	..	..	235	..	235
	Do.	Do.	..	..	..	Bamboo Rhizome	17'00	..	17'00	..	..	..	485	..	485
	Total		1,598'92	..	15,98'92		34	..	34	1,68,286	6,577	1,74,863	..	1,250	
(2) FUEL WOODS.															
(i) Kumrils.															
Chittoor, East	Nagapatla Lac Working Circle.	1941-42	..	..	..	Timber and fuel species.	20'00	..	20'00	..	..	..	15	..	15
Chittoor, West	Fuel Working Circle.	1937-38 to 1941-42	..	..	..	Do.	62'00	..	62'00	..	..	..	30	..	30
Vellore, East	Do.	1941-42 to 1945-46	..	..	..	Do.	225'08	..	225'08	..	..	..	12	146	158
Vellore, West	Do.	Do.	..	..	..	Do.	594'42	..	594'42	..	..	..	..	..	..
Salem, North	Do.	Do.	..	..	..	Do.	250'70	..	250'70	..	..	..	..	..	..
Salem, South	Do.	Do.	..	..	..	Do.	881'00	..	1139'00	..	..	..	1,131	99	1,230
Chingleput	Do.	1948-49	..	..	..	Do.	85'00	..	105'00	41	..	41	1,131	99	1,230
	Satvavedu Range Fuel Plantation Working Circle.					Other Ranges	370'00	..	454'00	908	140	1,048	16,222	140	16,362
	Total		2,488'15	..	2,850'15		949	140	1,089	17,410	421	17,831	..	8	
(ii) By concentrated regeneration including departmental kumrils.															
Chittoor, East	Fuel and Faggot Working Circle.	1941-42 to 1949-50.	..	..	..	Timber and fuel species.	206'25	..	206'25	..	..	..	2,799	491	3,290
Chittoor, West	Do.	Do.	..	..	..	Do.	..	..	..	..	..	..	..	..	..
Vellore, East	Fuel and Faggot Working Circle.	1941-42 to 1947-48.	..	..	..	Sowing in blanks of previous years.	507'15	..	507'15	..	..	..	9,467	2,576	12,043
	Kilminal and Tiruvallam Plantations.	Do.	..	..	..	Planting Prosopis juliflora	73'00	..	173'00	2,159	..	2,159	2,159	..	2,159
Vellore, West	Do.	1941-42 to 1947-48.	..	..	..	Timber and fuel species.	1'00	..	1'00	..	..	..	16	..	16
Salem, North	Do.	1941-42 to 1950-51.	..	..	..	Do.	165'10	..	165'10	..	..	..	381	482	813
Salem, South	Do.	Do.	..	..	..	Do.	..	..	..	..	..	..	..	..	..
Chingleput	Do.	Do.	..	..	..	Do.	..	..	..	..	..	..	..	..	..
	Total		879'40	..	1,052'50	2,159	..	2,159	14,822	3,499	18,321	..	822	..	
(iii) By rapid regeneration.															
Chittoor, East	Do.	Do.	..	..	..	Do.	..	..	..	..	..	..	1,751	..	1,751
Chittoor, West	Fuel and Faggot Working Circle.	1934-35 to 1946-47	..	..	..	Timber and fuel species.	107'80	..	107'80	..	..	..	1,653	15	1,668
Vellore, East	Do.	Do.	..	..	..	Do.	49'28	..	49'28	..	..	..	687	338	1,025
Vellore, West	Do.	Do.	..	..	..	Do.	45'18	..	45'18	..	..	..	639	80	719
Salem, North	Do.	Do.	..	..	..	Do.	50'22	..	50'22	..	..	..	..	..	..
	Total		352'48	..	352'48		..	..	..	4,730	433	5,163	..	..	

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure at the end of the year.			Revenue during the year.	Revenue up to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	Total including tenders and upkeep.	Creation.	Tending.	Total including tenders and upkeep.	(15)	(16)
			ACS.		ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Salem or schemes during the year 1951-52—cont.															
Salem or schemes during the year 1951-52—cont.															
Salem, North	Noganur and Sanamavu reserved forests.	1941-42 to 1946-47	..	Planting seedlings of casuarina.	73.68	..	73.68	..	..	..	2,944	1,008	3,952	..	2,240
	....	1949-50	..	Demarcation of plot I.	5.00	112.00	117.00	923	42	965	927	42	969	30	98
Chingleput	Departmental plantations.	1944-45 to 1950-51	..	..	5,985.00	90.00	6,075.00	12,348	5,160	18,008	3,45,037	1,43,603	4,88,640	..	3,226
			..	Satyavedu casuarina Working Circle (Kambakkam reserved forest).	5.00	..	5.00	..	..	..	564	54	618	..	..
Vellore, East	Tiruvallam, Kilminnal, Vanniyedu, Virichipuram, Amundi and Palmaner East Copes.	1941-42 to 1947-48	..	Planting seedlings of casuarina and planting.	1,280.41	..	1,280.41	..	..	..	1,32,005	78,495	2,10,500	5,285	11,984
Salem, South	Regeneration	1951-52	9	Raising seedlings in nursery and planting seedlings in filed areas.	1,627.00	9.00	1,636.00	1,545	178	1,723	1,545	178	1,723	..	..
			..	Total ..	89,21.00	118.00	9,039.00	15,316	5,380	20,696	4,83,022	2,33,380	7,06,402	5,321	17,548
Chittoor or schemes during the year 1951-52—cont.															
Chittoor, East	Sandal Working Circle.	1928-29 to 1938-39	..	Established one acre plot in patches.	253.58	..	253.58	..	..	..	..	..	..	..	..
Chittoor, West	Do.	1925-26 to 1938-39	..	Dibbling sandal seeds, 10' x 10'.	14.70	..	14.70	68	..	68	161	..	161	..	..
Vellore, East	Do.	1925-26 to 1938-39	..	Raising sandal in bamboo basket and transplanting.	20.00	..	20.00	..	..	..	32	..	32	..	..
Vellore, West	Do.	1941-42 to 1942-43	..	Sandal propagation centres.	13.30	..	13.30	..	..	..	..	..	..	..	..
Salem, North	Do.	1941-42 to 1946-47 and 1950-51.	..	Sandal propagation centres in Guthro-yam Pennagaram, Kalapankody reserved fund etc.	..	..	..	100	..	100	100	..	190	..	..
Chingleput	Prescribed centres	1948-49 to 1949-50	..	Sandal Propagation centres.	12.00	..	12.00	..	..	..	25	..	25	..	..
			..	Total ..	312.88	..	312.88	168	..	168	318	..	318	..	..
Chittoor or schemes during the year 1951-52—cont.															
Chittoor East	Sandalwood Working Circle.	1938-39 to 1941-42	..	Introduction of hosts in sandal kumris	9.15	..	9.15	..	..	..	17	..	17	..	..
Chittoor West	Do.	1938-39 to 1941-42	..	Cassia siamea	1.00	..	1.00	..	..	..	14	..	14	..	..
Salem, North	Do.	1934-35 to 1946-47 and 1950-51	..	Sandal kumris by raising hosts.	124.11	..	124.11	..	..	..	18	122	140	..	..
			..	Introduction of Cassia siamea as hosts.	119.30	..	119.30	..	..	..	632	99	731	..	..
Other Divisions—	....	....	..	Total ..	253.58	..	253.58	..	..	..	681	221	902	..	..
Chittoor or schemes during the year 1951-52—cont.															
Chittoor, East	Bamboo Working Circle.	1927-28 to 1936-37	..	Dendrocalamus strictus planting in one-acre plot.	8.00	..	8.00	..	..	..	24	..	24	..	..
Mamandur	..	1942-43 to 1947-48.	..	Planting Rhizomes Dendrocalamus strictus rhizomes transplanting in pots.	4.41	..	4.41	..	..	..	2,293	..	2,293	..	..
			..	Total ..	12.41	..	12.41	..	..	..	19	..	19	..	..

* Omitted to be shown in 1950-51 return.
† Area worked during 1950-51.

	Area.	Amount.
	ACS.	RS. A. P.
† Chittoor East	5	4 0 8
Chittoor West	3	20 0 0
	8	24 0 8

In 1950-51 return, omitted to be shown in that return.

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area in which regeneration was completed at the end of the previous year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure at the end of the year.			Revenue during the year.	Revenue up to the end of the year.
								Creation.	Tending.	Total tending and upkeep.	Creation.	Tending.	Total tending and upkeep.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
ACS.			ACS.		ACS.	ACS.	ACS.	RS.		RS.	RS.	RS.	RS.		RS.
SALEM															
(4) BOM															
Vellore, East	Bamboo Working Circle.	1941-42 to 1945-46	..	Planting rhizeons	125-00	..	125-00	..	..	..	1,053	15	1,068	..	..
Salem, North	Naganur reserved forests and Anchetty reserved forests.	1941-42 and 1947-48	..	Bamboo kumris	..	..	..	..	..	..	687	338	1,025	..	..
	Gullats and Jowlagiri reserved forests.	1949-50	..	Demarcation of plots.	7-63	..	7-63	..	..	..	639	80	719	..	..
				Total	150-04	..	150-04	..	..	..	4,730	433	5,163	..	..
(5) OTHER MINOR															
Salem, North	Reserved forests	1939-40 to 1946-47	..	Minor forest produce species by kumris.	328-70	..	328-70	..	..	..	..	171	171	..	..
Vellore, East	Minor Forest Produce Working Circle.	1948-49 to 1949-50	..	Forests roads in all ranges. Dribbling tamarind seeds and planting seedlings on either side of the road margins and reserved forests to a length of 21½ miles.	..	..	..	303	..	303	2,101	..	2,101	..	..
				Total	328-70	..	328-70	303	..	303	2,101	171	2,272	..	..
Chittoor															
Chittoor, East	Nagapatla and Pathikonda reserved forest.	1937-38	..	Raising plantation by rab method.	3-00	..	3-00	..	..	..	20	2	22	..	..
		1938-39 to 1941-42	..	Raising plantation by kumridars.	17-15	..	17-15	..	..	..	91	15	106	..	..
Vellore, West	Fuel Working Circle	1939-40 to 1940-41	..	Raising plantation by rab method.	35-00	..	35-00	..	..	..	46	8	54	..	..
			..	Raising plantation by kumridars.	5-00	..	5-00	..	..	..	..	..	..	..	..
Chingleput	Kambakkam reserved forest.	....	..	Plantation	10-00	..	10-00	..	..	..	..	..	..	..	..
				Total	70-15	..	70-15	..	..	..	157	25	182	..	..
Manure leaf															
Chittoor	Manure Leaf Working Circle.	1941-42	..	Kumri method	14-00	..	14-00	..	..	..	..	..	..	..	..
		1940-41 to 1947-48	..	Rab method concentrated regeneration in Voddepalle coupes I.	38-00	..	38-00	..	..	..	(a) 423	..	423	..	..
Salem, North	Do.	1945-46 to 1948-49	..	By kumris departmentally.	94-75	..	94-75	20	..	20	162	96	258	..	55
				Total	146-75	..	146-75	20	..	20	585	96	681	..	55
Grass															
Chittoor	Kumri plots	1939-40 to 1941-42	..	Sowing seeds.	15-00	..	15-00	..	..	..	..	..	..	..	7
Vellore, West	Kottapattu reserved forest.	1940-41 to 1941-42	..	Sowing in one acre plot.	2-00	..	2-00	..	..	..	10	1	11	..	..
Salem, North	Grass Working Circle.	1945-46 to 1946-47	..	Sowing kolukatti, spear and napier grass.	55-00	..	55-00	..	..	..	299	1	300	..	116
Chingleput	Kambakkam reserved forest.	1950-51	..	Sowing of spear grass.	1-00	..	1-00	1,012	..	1,042	1,088	96	1,184	..	..
				Total	78-00	..	78-00	1,042	..	1,042	1,397	98	1,495	..	123

* Chingleput West
Cuddapah North
Chittoor

Area.	Expenditure.
ACS.	RS.
17	207
2	24
19	192
Total	423

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.		Total including tending and upkeep.	Expenditure at the end of the year.		Total including tending and upkeep.	Revenue during the year.	Revenue up to the end of the year.
1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	(11)	Creation.	Tending.	(14)	(15)	(16)
ACS.			ACS.		ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
SALEM CIRCLE—cont.															
(5) OTHER MINOR FOREST PRODUCE—cont.															
Salem, North	Softwood Plantations Working Circle, Naganur reserved forest.	1949-50	..	Demarcation of plot 1	2'00	2'00	2'00	140	..	140	143	..	143	5	55
Vellore, East	Softwood plantation.	1949-50	..	Preliminary works for raising softwood species.	..	..	..	188	..	188	396	..	396	..	..
	Total ..		2'00		..	2'00	2'00	328	..	328	539	..	539	5	55
AMMALUR CIRCLE.															
	(1) (a) (ii) Timber forests—Mainly teak —By other methods.		96'15		10'25	106'40	378	96	474	946	210	1,156	1,689	1,797	
	(b) (ii) Other timber species—By other methods.		1,598'45		..	1,598'92	34	..	34	1,682'86	4,577	1,74,863	..	1,250	
	Fuel Forests (i) By Kumridars.		2,488'16		362'00	2,850'15	949	140	1,089	17,410	421	17,831	..	8	
	(ii) By concentrated regenerations.		879'56		173'00	1,052'56	2,159	..	2,159	14,822	3,499	18,321	..	832	
	(iii) By Rab regeneration.		252'48		..	252'48	..	..	..	4,730	483	5,163	..	..	
	Casuarina		8,921'00		116'00	9,037'00	16,316	5,380	20,696	4,83,022	2,23,380	7,06,402	5,321	17,548	
	Sandal		313'64		..	315'64	168	..	168	318	..	318	..	..	
	Sandal hosts		253'56		..	253'56	..	..	..	681	221	902	..	..	
	Bamboos		150'04		..	150'04	..	..	..	2,949	..	2,949	..	..	
	Other minor produce		328'76		..	328'70	308	..	308	2,101	177	2,272	..	..	
	Avaram		70'15		..	70'15	..	..	..	157	25	182	..	..	
	Manure leaf species.		146'75		..	146'75	20	..	20	585	96	681	..	55	
	Grasses		73'00		11'00	84'00	1,042	..	1,042	1,397	98	1,495	..	123	
	Softwood plantations		2'00		..	2'00	328	..	328	539	..	539	5	55	
	Grand total ..		15,578'11		672'25	16,249'35	20,702	5,616	26,318	6,97,943	2,35,181	9,33,074	7,015	21,068	

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.		Total including tending and upkeep.	Expenditure to the end of the year.		Total including tending and upkeep.	Revenue during the year.	Total revenue up to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	(11)	Creation.	Tending.	(14)	(15)	(16)
			ACS.		ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
COIMBATORE CIRCLE.															
TIMBER FORESTS.															
(1) Regeneration of clear-felled areas.															
(a) Mainly teak.															
Kollegal ..		1933-48 ..	..	* Stump planting ..	84.0	0.6	84.5	..	..	..	1,254	1,600	2,854	..	2,314
Coimbatore, North.	Hulkaldrug reserved forest.	10 years.	..	Teak plantation by irrigation.	55.85	..	55.85	..	252	252	1,383	2,428	3,809	610	20,700
Coimbatore, South.		1916-52 ..	..	By kumri method ..	1,646	125	1,646	8,945	5,142	14,087	2,36,546	1,29,505	3,66,048	30,957	4,63,438
Madurai East ..			129	By other method ..	4,089	..	4,218	..	..	..	..	..	..	..	..
Madurai West ..	Clear-felling Working Circle.	....	..	Stump planting of teak.	331.9	5.0	336.0	133	540	673	14,018	5,727	19,745	2,037	19,851
Tirunelveli ..		10 years ..	..	Stump planting of teak.	371.76	20	391.76	212	2,810	3,031	2,220	10,109	12,389	9,599	29,191
Total ..					6,578.51	154.5	6,733.01	9,290	8,753	18,043	2,55,421	1,49,427	4,04,848	43,203	5,85,494
Selection felling area—Timber Working Circle.															
Coimbatore, South.		1931-38 ..	..	† Gap regeneration of teak by stump planting.	..	..	..	..	..	..	4,660	1,082	5,742	..	..
(b) Other timber species.															
(i) By kumri method—Nil.															
(ii) By other methods.															
Kollegal ..		1935-36 to 1937-38 ..	..	‡ Gap regeneration with <i>Pterocarpus Marsupium</i> and <i>Dalbergia Latifolia</i> .	110	..	110	..	..	..	428	..	428	..	..
Coimbatore, South		1942-48 ..	..	Planting tree species with cardamom.	9	..	9	..	..	..	595	197	792	..	35
Madurai West ..	Gundanshola Pambar hill plantations.	1888 ..	..	Planting of Bluegum.	245	..	245	..	..	..	18,985	..	18,985	..	9,431
Do.			..	Pine plantations ..	385	..	385	..	..	..	39,485	..	39,485	..	4,833
Tirunelveli ..			..	† Regeneration of evergreen species in cardamom area.	24	..	24	..	..	..	491	..	491	..	..
Do.			..	‡ Gap regeneration ..	251	..	251	..	..	..	180	..	180	..	..
Do.			..	Departmental rab and kumri with miscellaneous species.	927	..	927	..	..	..	1,137	1,286	2,423	..	10,109
Total ..					1,951	..	1,951	..	..	..	65,961	2,565	68,526	..	24,408
(2) Regeneration of sandal.															
Kollegal ..		1940-41 ..	..	§ Dibbling of sandal in beds.	780	..	780	..	..	..	297	..	297	..	..
Do.			..	§ Strip regeneration of sandal.	38	..	38	..	..	..	163	..	163	..	..
Coimbatore, South		1940-41 to 1948-49.	..	Sandal propagation by sowing seeds.	90 plots of 10' x 10' each.	..	90 plots of 10' x 10' each.	..	..	..	23	..	23	..	..
Tirunelveli ..			..	Strip regeneration of sandal.	13	..	12	..	..	..	43	..	43	..	..
Do.			..	Sandal propagation centres.	14	3	17	..	..	..	..	..	..	..	..
Total ..					844 and 90 plots.	3	847 and 90 plots	..	..	..	526	..	526	..	..

* Done under kumri method.
† Gap regeneration was discontinued.

‡ The working plan prescriptions have been deleted.
|| Creation done free of cost by subordinates.

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.	(15)	(16)
			ACB.		ACB.	ACB.	ACB.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
COIMBATORE CIRCLE—cont.															
Timber forests—cont.															
(3) Regeneration of fuel areas.															
(i) By kumri method.															
Kollegal ..	....	1941-42	..	Kumri method—miscellaneous species.	100	..	100	..	..	..	..	..	..	..	..
Coimbatore, North	....	1950-51	..	Do.	1,233.6	..	1,233.6	..	..	..	1,464	573	2,037	..	2,904
Coimbatore, South	....	Do.	..	Do.	1,243.12	..	1,243.12	..	480	480	654	1,088	1,742	1,155	10,252
Madurai ..	....	Do.	..	Do.	3,414.25	..	3,414.25	..	..	..	..	..	..	..	..
Tiruchirappalli ..	....	Do.	..	Do.	1,284.3	18.4	1,303.3	..	..	..	..	..	..	..	..
Total ..						7,284.57	18.4	7,303.27	..	480	480	2,118	1,661	3,779	13,156
(ii) By rab regeneration—Miscellaneous fuel species.															
Kollegal ..	....	1941-42	..	Rab regeneration	1,948	..	1,948	..	..	..	942	..	942	..	..
Coimbatore, North	....	....	..	Do.	8,523.7	..	8,523.7	..	..	..	9,116	..	9,116	..	..
Coimbatore, South	....	....	..	Do.	6,496.92	..	6,496.92	..	..	..	2,121	201	2,322	..	..
Madurai, East ..	....	....	..	Do.	..	..	..	..	..	..	..	..	..	..	..
Madurai, West ..	....	....	..	Do.	2,115	..	2,115	..	..	..	1,531	..	1,531	..	..
Tirunelveli ..	....	....	..	Do.	1,571	..	1,571	..	..	..	1,844	32	1,876	..	..
Tiruchirappalli ..	....	....	..	Do.	..	..	..	..	..	..	..	..	..	..	..
Total ..						20,654.61	..	20,654.62	..	..	15,554	233	15,787	..	..
(iii) By other methods.															
Kollegal ..	Afforestation ..	1948-49 to 1950-51 ..	..	By fuel species	8.0	..	8.0	..	..	..	728	..	728	..	..
Tirunelveli ..	Afforestation working circle.	1940-41	..	Fuel plantation	24	..	24	..	..	..	91	..	91	..	..
Do. ..	....	....	..	Fuel species	28	..	28	..	..	..	89	..	89	..	..
Total ..						60.0	80.0	..	..	..	908	..	908	..	..
(iv) Other plantation.															
Madurai, West ..	....	....	..	Eriodendron Planting.	14.3	..	14.3	..	..	..	283	125	408	330	1,555
Do. ..	Gundar valley	....	..	Acacia decurrent (Wattle).	2,408.0	317	2,813.8	22,885	19,098	42,833	1,64,262	97,285	2,61,547	8,626	1,39,608
Tirunelveli ..	....	....	..	† Cashew, Casuarina and Odal Plantations.	1,608.0	..	1,608.0	..	..	..	4,521	67	4,588	..	..
Do. ..	....	....	..	Dibbling Palmyrah nuts	8,734.0	100	8,834.0	483	..	483	20,228	..	20,228	..	..
Do. ..	....	1941-42 to 1947-48 ..	..	Planting casuarina ..	188	..	188	..	..	..	16,703	10,413	27,116	..	..
Do. ..	....	....	..	Acacia planifrons	24	..	24	..	..	..	71	..	71	..	..
Tiruchirappalli ..	Padugal lands of Padugal range.	1951-52	..	Prosopis juliflora	280	..	280	555	10	565	2,839	326	3,215	..	..
	Coleroon Padugais of Tiruthurai Pundi Range and Pudukottai Range.	1951-52	..	300 Casuarina plantations.	1,690.0	61.75	1,750.75	2,894	11,399	14,093	1,64,048	52,949	2,16,997	2,48,802	2,57,226
Total ..						15,194.1	478.75	15,612.85	26,597	31,407	58,004	3,73,005	1,61,165	5,34,170	3,98,384

* Cost of nurseries

† Since discontinued.

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle or block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.	Area regenerated during the year.	Total area regenerated up to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue up to the end of the year.
								Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
			ACS.		ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
COIMBATORE CIRCLE—cont.															
TIMBER FORESTS—cont.															
(3) Regeneration of fuel—cont.															
(v) Bamboo areas.															
Cirunelveli ..		10 years	..	Planting of bamboo rhizomes.	188	5	143	140	..	140	620	37	657	..	..
				Total ..	188	5	143	140	..	140	620	37	657	..	..
AM TRACT.															
1. (a) (i) Timber forests—Mainly teak—By kumri method.					6,578.51	154.50	0,733.01	9,290	8,753	18,043	2,55,421	1,49,427	4,04,848	43,203	5,35,494
(b) (ii) Other timber species by other methods					1,951	..	1,951	..	..	..	65,961	2,565	68,526	..	24,408
2. Regeneration of sandal					844	8	847	..	..	..	526	..	526	..	..
					+ 90 plots		+ 90 plots								
3. (i) Regeneration of fuel area—By kumri method ..					7,284.87	18.40	7,303.27	..	430	480	2,118	1,661	3,779	1,155	13,156
(ii) By rab regeneration—Miscellaneous fuel species ..					20,654.63	..	20,654.62	..	..	..	15,554	283	15,787	..	..
(iii) By other methods					80	..	80	..	..	..	908	..	908	..	..
(iv) Other plantations					15,134.10	478.75	15,612.85	26,597	31,497	58,094	3,73,005	1,61,165	5,34,170	2,57,258	3,98,384
(v) Bamboo areas					188	5	143	140	..	140	620	37	657	..	..
				Grand total ..	52,845.10	859.65	53,304.75	36,027	40,640	76,667	7,14,113	3,15,088	10,29,201	3,01,616	9,71,442

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the year.	Area on which regeneration was completed at the end of the year.	Total area regenerated up to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue up to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	Total including tending and up-keep.	Creation.	Tending.	Total including tending and up-keep.	(15)	(16)
					ACB.	ACB.	ACB.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
OOTACAMUND CIRCLE.															
I. TIMBER FORESTS.															
(I) Regeneration of clear felled areas.															
South Kanara			..	(a) Mainly teak—	1,819	111	1,930	1,802	7,550	12,339	33,306	39,610	1,23,448	..	..
Wynaad			..	(i) By kumri	1,149	72	1,212	2,987	..	..	50,732	..	..	..	..
				(ii) By other methods.	3,057	20	3,077	..	..	..	..	..	..	..	..
				(a) Mainly teak—	4,706	247	4,953	..	..	..	..	..	..	..	..
				(i) By kumri	184	..	154	..	..	..	..	..	..	..	..
				(ii) By kumridars	1,195	110	1,305	18,137	15,210	33,347	4,18,060	1,91,005	6,09,065	..	..
				(b) Other timber species—	..	..	..	..	..	..	..	..	..	..	..
				(i) By kumri	..	..	..	..	..	..	..	..	..	..	..
				(ii) By kumridars	..	..	..	..	..	..	..	..	..	..	..
				(iii) By other methods.	..	..	..	..	..	..	..	..	..	..	..
Nilambur			..	(a) Mainly teak—	2,533	184	2,766	..	..	..	1,51,925	1,66,019	3,18,844	..	..
				(i) By kumri	719	..	719	0,688	15,474	25,162	..	..	..	..	..
				(ii) By other methods.	..	..	..	..	..	..	..	..	..	..	..
				(b) Other timber species—	185	16	201	..	..	..	..	..	..	..	..
				(i) By kumri	111	5	116	1,191	267	1,458	5,666	3,434	9,100	..	..
				(ii) By other methods.	..	..	..	..	..	..	..	..	..	..	..
Palghat			..	(a) Mainly teak—	830	..	830	..	..	..	6,048	6,720	12,768	..	14,967
				(i) By kumri	2,753	27	2,779	1,433	4,474	5,907	68,730	47,369	1,16,099	37,597	3,50,182
				(ii) By other methods.	..	..	..	..	..	..	..	..	..	..	..
				(b) Other timber species—	195	28	223	..	..	..	656	656	1,312	..	..
				(i) By kumri	..	9	204	565	224	789	12,929	3,494	16,423	..	..
				(ii) By other methods.	..	..	..	..	..	..	..	..	..	..	..
The Nilgiris			..	(a) Mainly teak—	676	25	701	2,510	838	3,348	24,877	9,728	34,605	..	..
				(i) By kumri	..	..	..	..	..	..	..	..	..	..	..
				(ii) By other methods.	..	..	..	..	..	..	..	..	..	..	..
				By other methods	..	..	..	..	..	..	..	..	..	..	..
				Total	20,131	854	20,985	38,969	44,087	83,006	7,72,929	4,69,179	12,42,108	37,597	3,65,149
(II) Other areas.															
South Kanara			..	(a) Mainly teak—	100	..	100	..	..	..	829	1,434	2,263	..	..
				(i) By kumri	..	..	..	..	..	..	..	..	..	..	..
				(ii) By other methods.	305	..	305	..	..	..	1,575	2,279	3,854	..	..
Wynaad			..	(b) Other species—	3,188	..	3,188	..	1,304	1,304	2,109	23,464	25,573	..	..
				(i) By other methods	..	..	..	..	..	..	..	..	..	..	..
				mainly Hopea and	..	..	..	..	..	..	..	..	..	..	..
				Artocarpus hirsuta	..	..	..	..	..	..	..	..	..	..	..
				other species.	8,783	..	8,783	..	..	..	6,677	1,581	8,258	..	..
				(ii) By other methods.	66	..	66	..	..	..	526	262	788	..	..
				Planting under shelter in	..	..	..	..	..	..	..	..	..	..	..
				semi-deciduous and	..	..	..	..	..	..	..	..	..	..	..
				evergreen forests.	64	..	64	..	..	..	232	67	299	..	..
				Planting under shelter in	..	..	..	..	..	..	..	..	..	..	..
				deciduous forests.	6	..	6	..	..	..	857	36	893	..	..
				Experimental planting	..	..	..	..	..	..	..	..	..	..	..
				of Evodia, jack and	..	..	..	..	..	..	..	..	..	..	..
				wattle.	..	..	..	..	..	..	..	..	..	..	..
				Total	12,600	6	12,606	685	1,340	2,025	12,805	29,123	41,928	..	..
II. REGENERATION OF FUEL AREAS.															
South Kanara			..	1. Departmental sowing of the species such as xylia, Mathil, vengal, etc.	31	..	31	..	..	..	161	64	225	..	..
				2. Sowing in blanks in patches.	154	..	454	..	..	..	378	980	1,353	..	..
				3. Raising softwood species by other methods.	66	57	155	700	45	745	2,198	540	2,738	..	..
Palghat			..	Regeneration of fuel species—	367	143	515	..	..	..	1,673	43	1,716	..	..
				(i) By kumri	163	..	163	108	43	151	1,081	..	1,081	..	..
				(ii) By other methods.	110	102	212	1,055	..	1,055	..	..	..	..	..
				(i) Bluegum planting with kumri.	1,339	99	1,438	3,064	849	3,413	22,228	5,598	27,826	..	..
				(ii) Bluegum planting without kumri.	..	..	..	..	..	..	..	..	..	..	..
				Total	2,551	406	2,957	4,927	487	5,364	27,714	7,225	34,939	..	..

Progress in afforestation and regeneration under working plans or schemes during the year 1951-52—cont.

Progress in afforestation and regeneration under working circles or schemes during the year 1931-32															
Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.	Area regenerated during the year.	Total area regenerated upto the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue up to the end of the year.
								Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.		
1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
					AOS.	AOS.	AOS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
OOTACAMUND CIRCLE—cont.															
III. REGENERATION OF SANDALWOOD															
South Kanara ..	....	....	..	Strip regeneration of sandalwood.	1	..	130	..	..	..	500	20	520	..	..
P. lghat ..	....	....	..	Propagation centres ..	..	..	..	..	..	..	22	88	110	..	..
The Nilgiris ..	....	....	..	Regeneration with kumri.	..	..	277	..	..	..	1,337	1,100	2,437	..	..
				Total ..	40	..	407	..	..	..	1,859	1,214	3,073	..	..
IV. OTHER PLANTATIONS.															
South Kanara ..	....	....	..	Casuarina planting by seedlings—	1	140	253	4,865	1,477	8,024	53,134	9,568	62,692	..	..
				(i) By kumri ..	1,10	45	1,145	1,682	..	..	..	..	..	..	..
				(ii) By other methods.	..	..	..	..	..	..	..	..	..	..	..
				Cashew regeneration by dibbling seeds—	1,40	..	1,496	..	237	1,160	8,708	14,614	36,247	..	..
				(i) By kumri ..	1,90	98	2,064	873	..	..	12,925	..	..	..	..
				(ii) By other methods.	..	..	25	..	..	..	328	155	483	..	..
				Cardamom regeneration.	..	..	10	..	..	..	42	..	42	..	..
				Avaram by sowing ..	..	..	5	..	9	..	602	499	1,092	..	..
				Cardamom by planting.	..	..	429	..	..	..	2,238	1,819	4,057	..	..
				Cutch planting by sowing.	..	..	..	..	..	..	..	..	..	..	..
Nilambur ..	....	...	..	Coconut planting in Beypore.	..	..	43	..	5,517	5,517	884	50,240	51,124	..	..
				Bamboos at Pokkode.	..	..	13	..	..	..	34	..	34	..	..
The Nilgiris ..	....	...	..	Wattle planting (departmental).	..	..	321	..	..	..	12,517	2,397	14,914	..	..
				Do. by kumri ..	..	..	437	..	..	..	2,615	1,882	4,497	..	..
				Total ..	5,90	283	6,241	7,420	7,290	14,710	94,027	81,164	1,75,182	..	..
A. DISTRICT TRACT.															
I (I) ..	..	..	..	..	20,150	854	20,985	38,969	44,037	83,006	7,72,929	4,69,171	12,42,108	37,597	3,65,149
(II) ..	..	..	..	..	12,000	6	12,006	635	1,340	2,025	12,805	29,123	41,928	..	..
..	..	..	..	..	2,551	406	2,957	4,927	437	5,364	27,714	7,225	34,939	..	..
..	..	..	..	..	407	..	407	..	..	..	1,859	1,214	3,073	..	..
III ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IV ..	..	..	..	..	5,954	283	6,241	7,420	7,290	14,710	94,027	81,164	1,75,182	..	..
Grand total ..	..	..	..	..	41,641	1,548	43,186	52,001	53,104	1,05,105	9,09,334	5,37,397	14,97,230	37,597	3,65,149
THE STATE.															
Kakinada Circle ..	24,120-00	..	..	..	871-00	25,010-00	53,384	23,999	77,383	11,56,740	4,94,712	18,18,149	3,14,083	18,32,067	
Bellary Circle ..	19,813-00	..	..	..	153-00	19,771-00	9,551	6,215	15,766	2,08,712	39,742	2,48,454	..	85,666	
Salem Circle ..	15,576-15	..	..	..	672-25	16,243-38	20,702	5,816	26,518	8,97,943	2,35,131	9,33,074	7,015	21,659	
Coimbatore Circle ..	62,645-10	..	..	..	659-65	53,304-75	36,027	40,640	76,667	7,14,118	3,15,088	10,29,201	3,01,616	9,71,442	
Ootacamund Circle ..	41,647-00	..	..	..	1,549-00	43,196-00	52,001	53,104	1,05,105	9,09,334	5,37,397	14,97,230	37,597	3,65,149	
Total ..	1,53,820-00	..	..	..	3,904-90	1,57,530-13	1,71,665	1,39,574	3,01,239	38,86,842	16,72,570	55,38,108	6,80,311	32,75,992	

FORM No. 31.

Plantations not under working plan during the year 1951-52.

Division.	Working circle and block.	Period.	Area to be regenerated during the year.	Method of treatment.	Area on which regeneration was completed at the end of the year.	Area regenerated during the year.	Total area regenerated up to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue up to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	Total tending and upkeep.	Creation.	Tending.	Total tending and upkeep.	(15)	(16)
					ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
KAKINADA CIRCLE.															
1. TIMBER FORESTS.															
Godavari, Lower..	Bedadandla Koppali reserve forests, etc.	....	..	Stump planting of teak.	514	13	527	554	586	1,440	12,588	6,309	18,897	..	5,771
				Softwood species	8	..	8	..	..	..	286	12	298	..	..
				Ailanthus excelsa.	10	..	10	..	..	..	322	..	322	..	40
Visakhapatnam, South.	Clear felled areas ..	....	..	Teak ..	8	..	16	..	..	..	39	14	53	..	..
	Arlova and Madalanna reserve forests.	....	..	Stump planting of teak.	51	..	51	..	..	..	1,154	853	2,007	..	..
Godavari, Upper.	Unreserves ..	1951-52	..	Old teak plots ..	20	..	20	..	..	..	37	..	37	..	3,974
	Tamgva working circle.	....	..	Stump planting ..	108	..	108	..	241	241	426	1,020	1,446	..	..
	Clear felled coupes ..	....	..	Teak by tamgva method.	3,281	..	3,281	..	..	..	..	..	..	..	..
			..	By sowing and stump planting of teak.	2	..	2	..	..	..	..	..	..	..	..
			..	Socomidia febrifuga ..	41	..	41	..	846	846	59,768	25,494	85,262	17,728	5,62,141
			..	Terminalia tomentosa.	23	..	23	..	..	..	..	..	..	..	..
			..	Pterocarpus marsupium.	14	..	14	..	..	..	188	169	357	..	448
	Selection working circle.	....	..	Teak by gap method.	123	..	123	..	..	..	1,610	437	2,047	..	10,059
	Podu coupes in Kalleru reserve forest.	....	..	Teak by stump planting.	801	..	801	..	..	..	20,708	4,918	25,626	1,412	41,989
	Emergency charcoal coupes.	....	..	Do.	..	..	..	353	353	353	20,708	4,918	25,626	1,412	41,989
			..	Total ..	5,009	18	5,019	554	2,326	2,880	97,126	39,226	1,36,352	19,140	6,24,417
2. FUEL FORESTS.															
Godavari, Upper.	Unreserves ..	....	..	Kumti ..	711	..	711	..	..	..	..	..	..	..	..
Guntur ..	Muthyalapalyam Extension.	....	..	Do. ..	..	..	..	..	..	..	..	..	..	..	..
Godavari, Upper.	Emergency fuel coupes.	....	..	Natural regeneration.	76	..	76	..	..	..	..	..	..	..	7,860
Godavari, Lower.	Dewancheruvu ..	....	..	Rab sowing in patches.	134	..	134	..	..	..	656	70	726	..	..
			..	(By other methods).	..	..	..	..	..	..	..	..	..	..	..
Visakhapatnam, South.	Kandikuppa ..	....	..	Casuarina planting ..	109	..	109	..	..	..	2,349	1,071	3,920	..	2,081
	Lingamparthi fuel plantation.	....	..	Fuel plantation ..	69	..	69	..	..	..	476	223	699	90	..
Guntur ..	Unreserves in Bapatla taluk, Karlapalynm reserve forests, etc.	....	..	Raising casuarina plantation.	2,866	..	2,866	..	418	418	2,48,739	1,32,513	3,81,252	468	24,987
			..	Total ..	3,861	10	3,994	140	458	598	2,52,720	1,33,877	3,86,597	558	26,268
3. OTHER PLANTATIONS.															
Visakhapatnam, South.	Arlova Madalanna reserve forest.	....	..	Sowing Tangedu ..	..	..	35	..	..	..	267	258	520	..	..
			..	Broadcasting Acacia dactyloides.	..	..	1	..	..	..	5	..	5	..	..
			..	Broadcasting Acacia decurrens.	..	..	1	..	..	..	5	..	5	..	..
	Wangasan reserved forest.	....	..	Planting Broussantia papyrifera in 200 pits.	..	..	1	..	..	..	8	..	8	..	..
Guntur ..	....	....	..	Dibbling T. Chebula ..	..	..	9	..	..	..	42	2	44	..	..
			..	Experimental plots of Ailanthus excelsa.	..	..	2	..	..	..	..	..	..	..	..
Godavari, Upper.	Emergency charcoal coupes.	....	..	Bombax malabaricum.	125	..	125	..	..	..	..	..	..	..	..
Nellore, North ..	Fuel working circle ..	....	..	Departmental plantation.	5	..	5	85	..	85	85	..	85	..	..
Nellore, South ..	Kavali range ..	....	..	Babul plantation ..	10	..	10	167	..	167	167	..	167	..	..
			..	Total ..	179	15	189	252	..	252	587	255	842	..	..
4. SANDAL TRACT.															
Godavari, Upper.	Sandal working circle Nugur and Peddamidilaveru, etc.	....	..	Sandal sowing in propagation centres.	..	..	33	..	..	..	75	124	199	..	..
			..	Total ..	..	..	..	..	..	..	..	..	..	..	..
			..	1.	5,009	18	5,019	554	2,326	2,880	97,126	39,226	1,36,352	19,140	6,24,417
			..	2.	3,994	10	3,994	140	458	598	2,52,720	1,33,877	3,86,597	558	26,268
			..	3.	189	15	189	252	..	252	587	255	842	..	..
			..	4.	33	..	33	..	..	..	75	124	199	..	..
			..	Grand total ..	9,109	38	9,234	946	2,784	3,730	3,56,508	1,73,482	5,23,990	19,698	6,50,68

Plantations not under working plan during the year 1951-52—cont.

Division.	Working circle and block.	Period.	Area to be regenerated during the year.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.	Area regenerated during the year.	Total area regenerated at the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.	(15)	(16)
					Acres.	Acres.	Acres.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
BELLARY CIRCLE.															
(1) TIMBER FORESTS.															
(a) Malabar.															
(i) Samridars—Nil.															
(ii) By other methods.															
Kurnool, East ..	..	....	..	Sowing teak seed and stump planting.	20 14.5	217.5	217.5	1,232	454	1,686	13,626	3,409	17,035	11	88
				Total ..	20 14.5	217.5	217.5	1,232	454	1,686	13,626	3,409	17,035	11	88
(2) Forests.															
(i) Samridars.															
Kurnool, East ..	Extension Block IV ..	....	..	Planting	..	22	..	..	..	..	135	..	135	..	..
Anantapur ..	Vengulanna cheruvu, etc.	....	..	Sowing tangedu In babul seeds.	.. 16	30	..	88	..	88	199	..	199	..	..
Bellary ..	Sundakal and Rayadurg Reserved Forests and Bevinahai Reserved Forest.	1949-50	..	Departmental kumri regenerated.	..	20	..	..	..	..	239	115	404	..	86
	Jaladurgam, Gandelt Reserved Forest.	....	..	Kumri regeneration ..	..	293	..	..	..	..	31	8	39	..	..
	Kuppagal Reserved Forests.	1948-49	..	Do. ..	..	60	..	..	..	..	286	..	286	..	..
	Old K. Extension plot I of 41 and Kamalapuram plots.	....	..	Do. ..	..	10	..	..	..	..	37	..	37	..	..
	Total ..				.. 16	444	..	88	..	88	977	123	1,100	..	86
(ii) By other methods.															
Kurnool, East ..	Softwood Working Circle.	....	..	Stump planting ..	..	18	..	64	..	64	330	..	330	..	..
Kurnool, West ..	....	....	..	Rab sowings in plantation.	..	52	..	..	..	..	629	184	813	..	..
Bellary ..	Dhone and Kurnool Ranges.	....	..	Raising charcoal fuel plantation.	..	968	..	..	..	..	4,282	958	5,240	..	..
	Total ..				1,000	1,033	..	64	..	64	5,241	1,142	6,383	..	..
(3) SANDAL.															
Kurnool, East ..	....	....	..	Sandal propagation pits.	..	..	..	197	..	197	388	..	388	..	..
	Total ..				..	..	..	197	..	197	388	..	388	..	..
(4) BAMBOOS.															
Cuddalore, North..	Sidhount and Badvel Ranges.	1939-40 to 1951-52.	..	Sowing of strictus ..	..	1.00	..	..	..	..	20	..	20	..	..
Cuddalore, South..	All Ranges	1939-40 to 1941-42.	..	Broadcasting, sowing and planting bamboo reserve zones.	..	36	..	..	..	..	41	..	41	..	..
	Total ..				..	37	..	..	..	..	61	..	61	..	..

Plantations not under working plan during the year 1951-52—cont.

Division.	Working circle or block.	Period.	Area to be regenerated during the year.	Method of treatment.	Area on which regeneration was completed at the end of the year.	Area regenerated during the year.	Total area regenerated at the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	Total tending and upkeep.	Creation.	Tending.	Total tending and upkeep.	(15)	(16)
					ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
BELLARY CIRCLE—cont.															
(5) OTHER PLANTATIONS.															
Anantapur	Vengalanna cheruvu and Veldurti Reserved Forests.	....	..	Sowing of tangedu seeds.	..	89	89	..	..	..	135	44	179	..	..
	Vengala cheruvu, Dokkalakonda and Mallapakonda.	....	..	Reserved Forests. Neem, tamarind, soap-nuts, etc.	..	5	50	33	25	58	311	129	440	..	..
	Nelakota Reserved Forest.	....	..	Do.	..	1	10	..	..	..	49	24	73	..	..
	Keduru, etc., Panalgal Forests.	....	..	Do.	..	5	40	280	24	310	1,289	24	1,313	..	..
	Horseleykonda	....	..	Potato crop experimental plot.	..	0.08	..	..	..	..	256	..	256	..	354
	Nelakota Reserved Forest.	....	..	Experimental sowing of Amkalasti seeds got from Itangoon.	..	..	..	..	..	..	20	..	20	..	..
Kurnool, West	Nandikotakal Reserved Forest.	....	..	Experimental plot	..	3	..	..	..	..	41	..	41	..	..
			..	Raising babul in Gueld hands of Gursinkonta taluk.	..	10	..	..	50	50	24	50	74	..	..
Bellary	Afforestation of hill slopes of Mincheri Reserved Forests.	1948-49	..	Contour trenching and bunding by miscellaneous species.	..	14	14	..	..	..	631	18	649	..	..
	Bilehall Forest, Range.	1951-52	..	Do.	..	11	11	569	..	569	569	..	569	..	..
	Hospet Forest, Range.	Do.	..	Do.	..	5	5	285	..	285	285	..	285	..	..
	Nerencki Forest.	Do.	..	Pits system and clear felling system of regeneration.	..	2	2	63	..	63	63	..	63	..	..
	Veldurti Reserved Forest.	....	..	Sowing babul seed	..	20	20	..	..	..	109	21	130	..	..
Cuddapah, North.	Manure leaf Working Circle.	1940-41 to 1951-52.	..	Spot sowing by digging pits.	..	31	31	..	..	..	140	7	147	..	..
	Protection Working Circle.	1940-41 to 1951-52.	..	Planting casuarina in two acres plot.	..	4	4	..	..	..	28	..	28	..	..
Cuddapah, South.	Siddhout and Poorkimilla Range.	1939-40 to 1951-52.	..	Advance sowing	..	14	14	..	..	..	48	..	48	..	..
	Kodur Hill Reserved Forest and Selliguta Reserved Forest, Balapalle Range.	....	..	Resowing and weeding.	..	19	19	..	..	..	108	..	108	..	..
	Palkonda Reserved Forest.	1940-41 to 1950-51.	..	Sowing fuel species	..	608	608	..	..	..	6,613	1,059	7,677	..	..
	Balapalle Range Office Compound.	1941-42	..	Planting	..	3	3	..	..	..	14	..	14	..	..
Kurnool, East	Fuel Working Circle	1939-40	..	Do.	..	11	11	..	..	..	41	..	41	..	..
		....	..	Rab sowings	..	16	16	98	..	98	233	..	233	..	..
			..	Total	..	877.94	901.08	1,334	99	1,433	11,012	1,876	12,388	..	354
Grand total															
					ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
					1 (a) (ii)	14.5	217.5	1,232	454	1,686	13,626	3,409	17,035	11	88
					2 (i)	16	444	88	..	88	977	123	1,100	..	86
					2 (ii)	1,033	1,033	64	..	64	5,241	1,142	6,383	..	..
					3	..	..	197	..	197	388	..	588	..	..
					4	..	37	..	..	..	61	..	361	..	..
					5	877.94	910.08	1,334	99	1,433	11,012	1,876	12,388	..	354
					Grand total	2,578	2,641.58	2,915	..	3,468	31,305	6,050	37,355	11	528

Plantations not under working plan during the year 1951-52—cont.

Division.	Working circle and block.	Period.	Area to be regenerated during the year.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total including tending and upkeep.	(15)	(16)
					ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.		RS.
SALEM CIRCLE.															
1. TIMBER FORESTS.															
(1) Regeneration of clear-felled and selection-felled areas.															
(a) Mainly by teak.															
(i) By kumrars—Nil.															
(ii) By other methods.															
Chittoor, East ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittoor, West ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, East ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, West ..	Thenmalai Palamathur and Nagaluthu Reserved Forests.	1941-42 to 1947-48	..	Stump planting	22-00	..	22-00	..	..	..	350	184	534	..	..
Salem, North ..	Gullatti Reserved Forest and near Aliyur rest-house.	1941-42 to 1949-50	..	Do.	37-07	..	37-07	..	..	..	326	225	551	..	..
Salem, South ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..					59-07	..	59-07	..	..	..	676	409	1,085	..	..
(b) Other timber species.															
(i) By kumrars—Nil.															
(ii) By other methods.															
Chittoor, East ..	Nagapattinam Reserved Forest.	1940-41	..	Timber species Anti-erosion work.	2-50	..	2-50	..	..	..	51	..	51	..	..
Chittoor, West ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, East ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, West ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem, North ..	Woodapattinam and Natrapalayam Reserved Forests.	1940-41	..	Rab and charcoal burnt areas.	0-86	..	0-86	..	..	..	37	..	37	..	..
Salem, South ..	Hardwickia Binata area.	Do.	..	Do.	0-36	..	0-36	..	..	..	95	..	95	..	..
Chingleput ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..					3-72	..	3-72	..	..	..	183	..	183	..	..
2. FUEL FORESTS.															
(i) By kumrars—Nil.															
(ii) By other methods.															
Chittoor, East ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittoor, West ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, East ..	Palar Plantations Fuel Working Circle.	1940-41	..	Planting of timber species.	1-00	..	1-00	..	..	..	8	..	8	..	..
Vellore, East ..	Tiruvalam 1945 area.	1948-49	..	Maintenance ..	1-00	..	1-00	..	..	..	61	48	109	..	..
Vellore, East ..	Kilminnal 1946 area.	Do.	..	Do.	2-00	..	2-00	..	..	..	109	61	170	..	..
Vellore, West ..	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem, North ..	Parathavady Reserved Forest.	1939-40	..	Timber and fuel species.	3-00	..	3-00	..	..	..	8	..	8	..	..
Salem, North ..	Aliyur Extension Reserved Forest.	1940-47	..	..	5-00	..	5-00	..	..	..	..	..	..	..	..
Salem, North ..	Nogalur Reserved Forest.	1947-48	..	Raising of <i>Melia Composita</i> .	..	..	..	..	..	..	326	182	508	..	70
Salem, South ..	Experimental	1930-31 to 1941-42	..	Seeds sown in 12 apart.	..	..	..	..	..	..	114	..	114	..	..
Salem, South ..	Kurumbampatti palmyra topos.	1926-27	..	Sowing miscellaneous species.	..	..	..	..	..	..	1,161	..	1,161	..	..
Salem, South ..	..	..	..	Raising of <i>Prosopis juliflora</i> .	2-00	7-00	30	..	30	..	416	..	416	..	..

Plantations not under working plan during the year 1951-52 - cont.

Division.	Working circle and block.	Period.	Area to be regenerated during the year.	Method of treatment.	Area on which regeneration was completed at the end of the previous year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.
								Creation.	Tending.	Total tending and up-keep.	Creation.	Tending.	Total tending and up-keep.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
					ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
SALEM CIRCLE—cont.															
2. Forests—cont.															
(II) By other methods—cont.															
Chingleput ..	Vandalur experimental plot.	1947-48 ..	..	Dibbling of fuel species.	6-00	6-00	6-00	..	..	..	1,030	130	1,169	..	..
..	Kalivelli swamp ..	Do. ..	..	Sowing <i>acacia arabica</i> seeds.	5-00	5-00	5-00	..	..	..	60	60	120	..	..
..	Gundalur experimental plot.	1948-49 ..	..	Sowing miscellaneous species.	20-00	20-00	20-00	..	..	..	1,254	304	1,558	..	..
Total ..					50-00	52-00	52-00	30	20	50	4,556	785	5,341	..	70
Casuarina.															
Chittoor, East ..	Nagapatla and Ballarapet Reserved Forests.	1941-42 to 1945-46 ..	..	Casuarina by wet and dry method.	17-70	17-70	17-70	..	..	..	2,450	1,600	4,128	..	208
Chittoor, West ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, East ..	Rest-house compound of Thaniar of Potur range and Shambagatope of Santavasal range.	1942-43 to 1946-47 ..	..	Planting seedlings of casuarina.	7-00	7-00	7-00	..	..	..	752	257	1,009	215	562
Vellore, West ..	Fuel Working Circle..	1941-42 ..	..	Planting in 2 acre plot.	1-00	1-00	1-00	..	..	..	14	1	15	..	..
Salem, North ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem, South ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	Unamancheri experimental plot.	1947-48 ..	..	Experiment on the effect of watering and not watering of casuarina seedlings.	16-00	16-00	16-00	..	..	..	6,886	2,546	9,432	..	..
..	Vandalur. ..	Do. ..	..	Do.	8-00	8-00	8-00	..	..	..	4,081	1,437	5,518	..	..
Total ..					40-70	49-70	49-70	..	..	..	14,102	5,910	20,102	215	860
Salem.															
Chittoor, East ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittoor, West ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, East ..	Banavaram Reserved Forest.	1938-39 to 1939-40 and 1941-42.	..	Sandal dibbling	14-70	16-70	16-70	68	..	68	161	..	161	..	..
Vellore, East ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem, North ..	..	..	..	..	..	..	..	..	..	..	166	..	166	..	..
Salem, South ..	Sandal Circle. Working	1932-33 to 1941-42 ..	..	Sandal sowing by dumping method.	..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..					14-70	16-70	16-70	68	..	68	327	..	327	..	..
Bamboo.															
Chittoor, East ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittoor, West ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, West ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vellore, West ..	Lantana areas (flowered areas and blanks).	1939-40 to 1941-42 ..	..	{ Planting rhizomes	22-00	22-00	22-00	..	..	..	120	6	135	..	..
..	..	..	..	{ Bamboo seed sowings.	34-00	34-00	34-00	..	..	..	36	..	36	..	..
Salem, North ..	Anchetty and Nandibanda Reserved Forests.	Do. ..	..	Sowing <i>Dendrocalamus strictus</i> and planting rhizomes.	18-00	15-00	15-00	..	..	..	16	..	16	..	..
..	Noganur Reserved Forest.	Do. ..	..	Raising bamboos	6-00	6-00	6-00	..	..	..	..	..	..	..	..
Salem, South ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..					71-00	77-00	77-00	..	..	..	181	6	187	..	..

* Omitted to be shown in 1950-51 return

.. shown in column (7) but no work was actually done during the year.

during the year 1951-52—cont.															
Plantations not under working plan															
Division.	Working circle and block.	Period.	Area to be regenerated during the year.	Method of treatment.	Area on which regeneration was completed at the end of the year.	Area regenerated during the year.	Total area regenerated at the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	Total including tending and upkeep.	(12)	(13)	(14)	(15)	(16)
					ACB.	ACB.	ACB.				RS.	RS.	RS.		
Salem Circle—cont.															
Salem Forests—cont.															
2. By methods—cont.															
(ii) By plantations.															
Chittoor, East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittoor, West	..	..	..	..	..	..	0.50	..	..	..	3	..	3	..	..
Vellore, East	Kilminnal Plantation	1940-41	..	Sowing in pits	..	2.00	..	..	..	..	196	..	196	..	..
	Kilminnal and Tiruvalam.	1950-51	..	Seeds of <i>Prosopis juliflora</i> mentally.	..	50.00	..	..	..	..	705	45	840	..	..
Vellore, West	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem, North	Aiyur burnt areas	1939-40	..	Plantation 10' x 10'	..	..	..	..	..	..	..	..	..	..	..
Salem, South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	52.50	..	..	..	994	45	1,039	..	..
Total ..					52.50	..	..	..	..	..	..	..	..	..	..
Casala Area—cont.															
Chittoor, East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittoor, West	..	..	..	..	..	..	24.00	..	..	..	88	..	88	..	..
Vellore, East	Ponnial Reserved Forest, Karuthamalal, Periyamalal, and Amardi Santhavasal.	1942-43 to 1945-46	..	Sowings in blanks	..	..	..	..	..	..	40	..	40	..	..
Vellore, West	Kottapatti, Chettillangi and Ammapalayam Reserves.	1940-41	..	Do.	..	..	..	..	..	..	43	10	53	..	..
Salem, North	Firewood Plantations Working Circle.	1939-40 to 1940-41	..	Do.	..	..	..	..	..	..	..	..	..	..	..
Salem, South	..	..	..	..	..	..	..	..	..	..	171	10	181	..	..
Chingleput	..	..	..	..	..	..	51.00	..	..	..	..	..	..	..	..
Total ..					51.00	..	..	..	..	..	..	..	..	..	..
Casala Area—cont.															
Salem, North	..	1945-46	..	Planting	..	..	1.00	..	..	..	20	..	20	..	..
Salem, North	Protection Working Circle.	Do.	..	Experimental planting.*	..	..	0.80	..	..	..	283	1,240	1,523	..	..
Chittoor, East	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chittoor, West	..	..	..	..	..	..	10.00	..	..	..	680	..	680	..	..
Vellore, East	Ponnial East, Tiruvannamalai Range Tiruvallam Plantation, Amardi Hills, and Kallasagiri Reserved Forest.	1946-47	..	Sowing gaps of casuarina areas (8 acres) and in concentrated regeneration plots along with other species.	..	..	..	..	..	..	..	..	..	..	..
Vellore, West	Fuel Working Circle (Andiappanur Reserved Forest).	Do.	..	Plantation	..	..	2.00	..	..	..	19	..	19	..	..
Salem, North	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem, South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	688	..	688	..	..
Total ..					12.00	..	..	..	..	..	..	..	..	..	..

F.A.R.—7

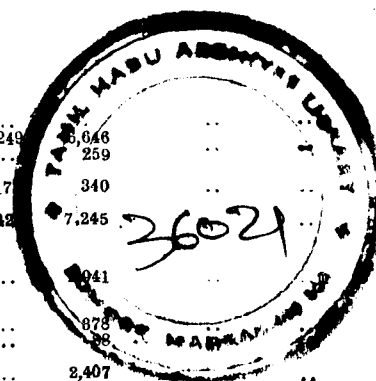
* Planting discontinued G.O. Ms. No. 3799, Development and dated 24th July 1947.

Plantations not under working plan during the year 1951-52—cont.

Division.	Working circle and block.	Period.	Area to be regenerated during the year.	Method of treatment.	Area on which regeneration was completed at the end of the year.	Area regenerated during the year.	Total area regenerated at the end of the year.	Expenditure during the year.			Expenditure at the end of the year.			Revenue during the year.	Total revenue to the end of the year.
								Creation.	Tending.	Total including tending and upkeep.	Creation.	Tending.	Total tending and upkeep.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
					ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
SALEM SOUTH—cont.															
2. FORESTS—cont.															
(ii) By other methods—cont.															
Kolukattai Grass.															
Salem South	..		..	Sowing Kolukottai grass.	..	2	2	10	..	10	1,221	..	1,221	..	..
AF TRACT.															
				Timber 1 (a) (ii)	..	59'00	..	59'07	..	..	676	409	1,085	..	..
				(b) (ii)	..	8'7	..	3'72	..	..	183	..	183	..	..
				Fuel 1 (a) (ii)	..	50'00	..	..	..	..	4,556	785	5,341	..	70
				Casuarina	..	49'00	2'00	52'00	30	20	14,192	5,010	20,102	215	860
				Sandal	..	14'00	..	48'70	..	..	327	..	327	..	..
				Bamboos	..	77'00	2'00	16'70	68	..	181	6	187	..	..
				Other Plantations	..	52'00	..	77'00	..	..	994	45	1,039	..	..
				Avaram	..	51'00	..	52'50	..	..	171	10	181	..	..
				Cardamom	..	1'00	..	1'00	..	..	20	..	20	..	..
				Pyrethrum	..	0'00	..	1'00	..	..	283	1,240	1,523	..	..
				Manure leaf species	..	12'00	..	0'80	..	..	688	..	688	..	..
				Kolukattai grass	..	..	2'00	12'00	..	..	1,221	..	1,221	..	..
				Grand total	..	371'00	8'00	377'49	108	20	23,492	8,405	31,897	215	930

Plantations not under working plan during the year 1951-52—cont.

During the year 1951-52—cont.																
Division.	Working circle and block.	Period.	Area to be regenerated during the period.	Method of treatment.	Area on which regeneration was completed at the end of the year.	Area regenerated during the year.	Total area regenerated to the end of the year.	Expenditure during the year.			Expenditure to the end of the year.			Revenue during the year.	Total revenue to the end of the year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Creation.	Tending.	Total tending and upkeep.	Creation.	Tending.	Total tending and upkeep.	(15)	(16)	
					ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
COIMBATORE CIRCLE.																
Kollegal	Kakayanur in Bhavani Range	1951-52	..	Casuarina planting	..	..	..	..	..	..	..	..	..	..	..	
Coimbatore, North.	Keerapadi and Gudravalli Fuel Series (Extension composed).	1946-47	..	Casuarina experimental plot now regenerated with fuel species. Stump planting of teak ..	5.5	5.5	43.5	..	118	118	879	388	1,267	..	125	
Coimbatore, South.	Sevi R.F.	1941-42	..	Planting casuarina seedlings.	..	..	24.0	..	..	..	440	41	481	..	..	
Tirunelveli	Valliyur R.F.	1941-42 to 1942-43	..	Do.	..	..	40.5	..	..	..	6,962	5,080	12,042	..	125	
		1948-49	..	Dibbling of palmyrah nuts.	..	..	59.0	..	..	..	5,309	4,881	10,193	..	..	
	Ambasamudram Range - Muddanthorai Sivasailam ..	1943-44	..	Planting Acacia decurrens.	..	..	19.25	..	..	..	78	..	78	..	..	
	Mattalamparai ..	1944-45	..	Do.	..	..	24.0	..	..	..	71	..	71	..	..	
Tiruchirappalli	Turaiyur Range	..	..	Planting casuarina ..	..	..	25.0	..	..	..	3,971	406	4,377	..	500	
	Coleroon, Padugai ..	..	..	Do.	..	..	6.0	..	..	..	265	23	288	..	60	
		..	..	Raising of avenue trees ..	..	..	7.5	..	..	..	196	20	216	..	56	
		..	..	Raising casuarina plantations.	..	..	271.0	..	..	..	26,100	4,146	30,246	..	8,221	
				Total ..	519.0	5.5	525.25	..	118	118	44,586	15,139	59,725	..	9,087	
OOTACAMUND CIRCLE.																
1. TIMBER FORESTS—REGENERATION OF CLEAR-FELLED AREAS.																
South Kanara ..	..	..	..	Regeneration of other areas by teak stump planting—	..	..	..	..	..	..	..	..	..	..	..	
				(a) By kumri ..	..	..	14.3	..	..	..	5,397	1,249	6,646	..	..	
The Nilgiris ..	..	..	..	(b) By other methods ..	..	..	7	..	..	..	259	..	259	..	..	
				Regeneration of clear-felled areas mainly by teak—	..	..	..	..	..	..	..	..	..	..	..	
				(a) By kumri ..	..	..	29	..	..	..	167	17	340	..	..	
				Total ..	..	..	179	..	..	..	5,823	1,422	7,245	..	..	
South Kanara ..	..	..	..	2. OTHER AREAS.	..	..	..	..	..	..	..	..	..	..	..	
				Raising of softwood plantation in beats by subordinates.	..	..	154	507	651	651	1,941	..	1,941	..	..	
				Do. Balsa ..	..	..	5	5	378	378	378	..	378	..	..	
				Do. Cinnamon ..	..	..	1	1	83	83	83	..	83	..	..	
				Total ..	..	..	160	513	1,117	1,117	2,407	..	2,407	..	..	
The Nilgiris ..	..	..	..	3. FUEL AREAS.	..	..	..	..	..	..	..	..	..	..	..	
				Blue gum planting by other methods.	..	..	36	438	2,802	2,802	6,082	954	7,036	..	..	
				Wattle by department ..	..	..	40	53	768	768	1,373	8	1,381	..	..	
				Grassy Areas.	..	..	..	..	..	..	..	..	..	..	..	
				Pyrethrum planting in grassy areas.	..	..	13	322	4,635	4,635	4,579	3,969	8,548	..	..	
The Nilgiris ..	..	..	..	Wattle planting in pyrethrum areas.	..	..	..	706	..	..	14,717	4,111	19,428	..	..	
				Wattle planting in Mukkertl.	..	..	355	910	10,058	13,732	32,700	39,336	53,668	..	..	
				Total ..	..	..	504	2,429	27,263	17,773	45,036	5,19,995	4,16,403	9,36,398	..	..
				Grand total ..	..	..	864	3,121	28,380	17,773	46,153	5,28,225	4,17,325	9,46,050	..	..
ABSTRACT FOR THE STATE.																
Kakinada circle ..	..	..	..	..	..	..	38.00	9,284.25	916	2,784	3,730	3,50,508	1,77,632	5,28,990	19,698	6,50,688
Bellary circle ..	..	..	..	..	..	..	63.50	2,641.58	2,815	5.8	3,468	31,806	8,050	37,355	11	538
Salem circle ..	..	..	..	..	..	..	6.00	377.49	108	20	128	23,492	8,405	31,697	215	930
Coimbatore circle ..	..	..	..	..	..	..	5.50	525.25	..	118	118	44,586	15,139	59,725	..	9,087
Ootacamund circle ..	..	..	..	..	..	..	664.00	3,121.00	28,380	17,773	46,153	5,28,225	4,17,325	9,46,050	..	..
				Total ..	..	..	1,077.00	15,899.57	32,349	21,218	53,597	9,78,116	6,25,251	15,99,017	19,924	6,61,539



FORM No. 32.

Outturn (in thousands of cubic feet, solid) of timber and fuel during the year 1951-52 and Agency of exploitation.

Circle.	Timber.					Fuel.					Total outturn.
	Government.	Purchasers.	Free grantees.	Right holders.	Total.	Government.	Purchasers.	Free grantees.	Right holders.	Total.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	C.F.T.	C.F.T.	C.F.T.		C.F.T.	C.F.T.	C.F.T.	C.F.T.		C.F.T.	C.F.T.
<i>Kakinada Circle.</i>											
Reserved forests	54	122	..	..	176	38	3,811	11	..	860	4,069
Reserved lands	..	..	..	..	..	2	62	..	..	64	64
Leased forests	..	..	..	..	..	..	..	..	..	..	..
Unreserved lands	24	168	..	..	192	24	225	..	..	249	441
Total	78	290	..	..	368	64	4,098	11	..	4,173	4,541
<i>Bellary Circle.</i>											
Reserved forests	1	491	20	..	512	10	3,450	..	..	3,460	3,961
Reserved lands	..	..	..	..	..	..	..	..	..	..	..
Leased forests	..	..	..	..	..	..	..	..	..	..	..
Unreserved lands	..	..	..	..	..	..	..	..	..	..	..
Total	1	491	20	..	512	10	3,450	..	..	3,460	3,961
<i>Salem Circle.</i>											
Reserved forests	22	6	1	..	29	11	1,798	2	..	1,811	1,840
Reserved lands	..	..	..	..	..	..	34	..	..	34	34
Leased forests	..	..	..	..	..	..	..	..	..	..	..
Unreserved lands	..	..	..	..	..	..	..	..	..	..	..
Total	22	6	1	..	29	11	1,832	2	..	1,845	1,874
<i>Coimbatore Circle.</i>											
Reserved forests	71	144	1	..	216	260	5,184	..	..	5,444	5,660
Reserved lands	..	..	..	..	..	..	3	..	..	3	3
Leased forests	263	..	..	..	263	..	..	..	..	263	263
Unreserved lands	4	..	..	..	4	..	..	..	..	4	4
Total	338	144	1	..	483	260	5,187	..	..	5,447	5,930
<i>Ootacamund Circle.</i>											
Reserved forests	711	944	..	..	1,655	249	3,617	..	..	3,906	5,521
Reserved lands	..	..	..	..	..	..	..	..	..	..	..
Leased forests	164	65	..	..	229	6	27	..	..	33	262
Unreserved lands	..	2	..	..	2	..	..	..	..	..	2
Total	875	1,011	..	..	1,886	255	3,644	..	..	3,899	5,785

ABSTRACT.

Reserved forests	859	1,707	22	..	2,588	563	17,869	13	..	18,460	21,088
Reserved lands	..	..	..	..	..	2	90	..	..	101	10
Leased forests	427	65	..	..	492	6	27	..	..	33	52
Unreserved lands	28	170	..	..	198	24	225	..	..	249	441
Total	1,314	1,942	22	..	3,278	600	18,220	13	..	18,883	22,411

APPENDIX TO FORM No. 32.

Statement showing the outturn of timber by species (in thousands of cubic feet of logs) removed from reserved forests (including leased areas) by departmental agency during 1951-52.

Name of circle.	Santalum album (Santalwood).	Tectona grandis (Teak).	Dalbergia latifolia (Rosewood).	Mesua ferrea (Nangal).	Hopea parviflora (Irumbogam).	Shorea robusta (Sal).	Pterocarpus marsupium (Vengal).	Terminalia tomentosa (Kari).	Terminalia paniculata (Pilla).	Pterocarpus alatus (Red sanders).	Xylocarpus xylocarpa (Irul).	Lagerstromia lanceolata (Venteak).	Miscellaneous.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Kakinada	..	50	..	..	..	..	..	..	..	..	..	..	16	78
Bellary	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Salem	18	..	..	..	..	..	1	16	12	..	9	3	26	338
Coimbatore	14	248	9	..	..	..	34	171	21	33	37	72	1	876
Ootacamund	2	485	13	1	..	..	35	189	33	33	56	75	48	1,314
Total	34	783	27	1	..	..	..	..	..	..	..	..	..	..

FORM No. 33.

Outturn of minor forest produce during the year 1951-52.

Description of products.	Produce removed or utilized				Total.
	By Government agency.	By purchasers.	By free grantees.	By right-holders.	
(1)	Value. (2)	Value. (3)	Value. (4)	Value. (5)	Value. (6)
	RS.	RS.	RS.	RS.	RS.
<i>KAKINADA CIRCLE.</i>					
<i>Reserved forests.</i>					
amboos	30	6,87,697	4	..	6,87,731
bracing	..	1,00,478	3,440	1,794	1,05,712
Total	..	..	..	..	10
<i>Minor forest produce.</i>					
Divi divi	3,728	..	..	45	3,728
Sarasaparilla	..	..	..	..	45
Orange and Shekoy tope lease	..	38,691	..	..	38,691
Group chandies lease	..	204	..	..	204
Janes	..	12,658	..	..	12,658
Pongedu bark	..	3,271	..	..	3,271
Rela bark	..	300	..	..	300
Karapaku	..	552	..	..	552
Naranandi bark	..	3,045	..	..	3,045
Battans	547	51	..	..	598
Nuxvomica seeds	..	665	..	..	665
Kanaka seeds	..	260	..	..	260
Usufruct of trees	..	32	..	..	32
Jack	1,219	19,522	..	..	20,741
Tamarind	..	617	..	..	617
Date leaves	9,070	13,088	..	..	22,158
Soap nuts	..	62	..	..	62
Myrabolan	..	165	..	..	165
Honey	..	842	..	..	842
Adda leaves	..	13	..	..	13
Pithapi	..	176	..	..	176
Wax	..	108	..	..	108
Nallataga	..	220	..	..	220
Muster seed	..	48	..	..	48
Other seeds	..	2	..	..	2
Mango	..	6,691	..	..	6,691
Metal	..	..	..	..	..

Outturn of minor forest produce during the year 1951-52—cont.

Outturn of minor forest produce during the year 1951-52—cont.

Description of products.	Produce removed or utilized				Total
	By Govern- ment agency.	By purchasers.	By free grantees.	By right- holders.	
	Value.	Value.	Value.	Value.	
	(2)	(3)	(4)	(5)	
(1)	RS.	RS.	RS.	RS.	RS.
KAKINADA CIRCLE—cont.					
<i>Reserved forests—cont.</i>					
Minor forest produce—cont.					
Cashewnuts	..	206	..	..	..
Grass tunie	..	23	..	..	..
Kopli	..	22	..	..	..
Chiselled stone	..	49	..	..	..
Rough stone	..	3,087	..	..	..
Darli grass	..	19	..	..	..
Ippu pappu	..	2	..	..	..
Seethapalem	..	8	..	..	..
Agakara	..	2	..	..	..
Ippu seeds	..	1,004	..	..	..
Riga fruits	..	1	..	..	..
Manure leaf	..	14	..	..	..
Earth	..	333	..	..	..
Shell lime	..	13,477	..	..	..
Thatch grass	..	1,343	..	..	..
Fodder grass	..	797	..	..	..
Tooki leaves	..	45,384	..	..	..
Palmyrah leaves	..	455	..	..	..
Yepi leaf	..	280	..	..	..
Reed grass	..	70	..	..	..
Horns	..	203	..	..	..
Cleaning nuts	..	38	..	..	..
Cattle manure	..	255	..	..	..
Miscellaneous minor forest produce.	..	1,685	..	..	..
Total ..	14,634	1,70,075	..	45	14,84,754

Unreserves.					
Bamboos	..	1,31,124	..	..	..
Minor forest produce.					
Tamarind	..	37,392	..	..	..
Tamarind seeds	..	1,045	..	..	..
Soap nuts	..	504	..	..	..
Myrabolams	..	1,971	..	..	..
Sheekayi	..	216	..	..	..
Grass tunie	..	53	..	..	..
Bees wax	..	50	..	..	..
Nollatinga	..	70	..	..	..
Honey	..	19	..	..	..
Adda leaves	..	255	..	..	..
Cleaning nuts	..	20	..	..	..
Metal	..	9	..	..	..
Gravel	..	1	..	..	..
Rough stone	..	135	..	..	..
Rela bark	..	744	..	..	..
Tangedu bark	..	545	..	..	..
Kunja seed	..	195	..	..	..
Musti seed	..	208	..	..	..
Graphite	..	67	..	..	..
Thatch grass	..	1	..	..	..
Reed grass	..	36	..	..	..

Description of products.	Produce removed or utilized				Total
	By Govern- ment agency.	By purchasers.	By free grantees.	By right- holders.	
	Value.	Value.	Value.	Value.	
	(2)	(3)	(4)	(5)	
(1)	RS.	RS.	RS.	RS.	RS.
KAKINADA CIRCLE—cont.					
<i>Unreserves—cont.</i>					
Minor forest produce—cont.					
Kunja leaves	..	22,108	..	..	22,108
Curvomicra	..	1	..	..	1
Horns	..	101	..	..	101
Kunja seed	..	456	..	..	456
Total ..	..	66,862	..	..	66,862
<i>Panchayat forests.</i>					
Minor forest produce.					
Case of minor forest produce	..	291	..	..	291
Tangedu bark	..	76	..	..	76
Rela bark	..	70	..	..	70
Palmyrah leaves	..	106	..	..	106
Metal	..	233	..	..	233
Rough stone	..	1,140	..	..	1,140
Other minor forest produce ..	..	2,018	..	..	2,018
Lampa	..	13	..	..	13
Horns	..	20	..	..	20
Alabanda	..	3	..	..	3
Chiselled stone	..	76	..	..	76
Kunja leaf	..	18	..	..	18
Cashewnut	..	320	..	..	320
Total ..	..	4,384	..	..	4,384

Post-War Reconstruction—Casuarina area.					
Minor forest produce.					
Rough stone	..	1,092	..	..	1,092
Case of minor forest produce	..	20	..	..	20
Rough stone	..	8	..	..	8
Case of minor forest produce	..	1	..	..	1
Lampa	..	1	..	..	1
Manure leaf	..	17	..	..	17
Palmyrah leaves	..	12	..	..	12
Other minor forest produce ..	..	405	..	..	405
Total ..	..	464	..	..	464
Abstract.					
Bamboos	30	7,98,821	4	..	7,98,855
Minor forest produce	..	1,51,096	3,440	1,704	1,56,330
Total ..	14,634	2,41,785	..	45	2,56,404
BELLARY CIRCLE.					
<i>Reserved forests.</i>					
Bamboos	6	4,42,531	109	..	4,42,640
Minor forest produce	..	2,45,656	..	1,041	2,46,697
Thatch grass	..	4,894	..	..	4,894
Total ..	..	2,50,550	..	1,041	2,51,591

Outturn of minor forest produce during the year 1951-52—cont.

Description of products.	Produce removed or utilized				Total.	Description of products.
	By Govern- ment agency.	By purchasers.	By free grantees.	By right- holders.		
	Value.	Value.	Value.	Value.		
	(2)	(3)	(4)	(5)		
(1)	RS.	RS.	RS.	RS.	(6)	(1)
BELLARY CIRCLE—cont.						
Reserved forests—cont.						
Minor forest produce.						
Thatch grass	4	180	11	..	..	..
Fibre	16	..	..	..	..	..
Manure leaves	..	1,404	..	..	..	..
Cattle manure	..	2,289	..	..	..	..
Platter leaves	..	1,667	..	..	..	..
Tooki leaves	..	1,28,685	..	..	..	..
Tangedu bark	..	89,098	..	..	..	..
Silt	..	6	..	..	..	..
Rela bark	..	8,469	..	..	..	..
Tamarind	..	7,957	..	..	..	..
Soapnuts	..	7,957	..	..	..	..
Myrabolams	..	281	..	..	..	..
Usufruct of trees	..	2,940	..	..	..	..
Honey and wax	581	..	..	..	..	..
Rough stones	..	479	..	..	..	..
Metal	..	169	..	..	..	..
Gravel	..	67	..	..	..	..
Limestone and minerals	..	206	..	..	..	..
Earth	..	6	..	..	..	..
Thorns	..	483	..	..	..	..
China clay	..	480	..	..	..	..
Babul pods	..	21	..	..	..	..
Miscellaneous	23	35,782	..	..	..	..
Total	624	2,88,606	11	..	..	..

Minor forest produce.					
Tangedu bark	..	39,482	..	..	..
Tooki leaves	..	10,769	..	..	..
Platter leaves	..	100	..	..	..
Metal	..	1	..	..	..
Rela bark	..	2,966	..	..	..
Miscellaneous	..	3,108	..	..	..
Total	..	56,426	..	..	..

Unreserves.

Bamboos	6	4,42,531	109	..	..
Grazing and fodder	..	2,50,550	..	1,041	..
Minor forest produce	624	3,45,032	11	..	..
Total	630	10,38,113	120	1,041	..

SALEM CIRCLE.

Reserved forests.

Bamboos	..	4,32,585	448	..	..
Grazing	..	1,39,484	..	..	..
Minor forest produce.					
Nuxvomica	..	7,050	..	..	..
Manure leaf	..	417	..	..	..
Plate leaves	..	14	..	..	..
Avaram bark	..	16,290	..	..	..
Other barks	..	10,846	..	..	..
Tamarind, gallnuts and soapnuts	..	46,582	..	..	..

Outturn of minor forest produce during the year 1951-52—cont.

Description of products.	Produce removed or utilized				Total.
	By Govern- ment agency.	By purchasers.	By free grantees.	By right- holders.	
	Value.	Value.	Value.	Value.	
	(2)	(3)	(4)	(5)	(6)
(1)	RS.	RS.	RS.	RS.	RS.
SALEM CIRCLE—cont.					
Reserved forests—cont.					
Minor forest produce—cont.					
189 products of trees	..	96	30	..	126
16 minerals	..	985	..	..	985
1,404	..	613	..	..	613
2,289	..	3,500	..	..	3,500
1,667	..	4,305	..	..	4,305
1,28,685	218	27,527	..	..	27,745
89,098	218	1,18,356	30	..	1,18,604
Total	218	1,18,356	30	..	1,18,604
Abstract.					
6	..	..	..	..	6
8,469	..	4,32,585	448	..	4,33,033
7,957	..	1,39,484	..	..	1,39,484
2,940	218	1,18,356	30	..	1,18,604
Total	218	6,90,425	478	..	6,91,121
COIMBATORE CIRCLE.					
Reserved forests.					
.. .. .	..	1,35,919	174	..	1,36,093
.. .. .	..	1,28,714	21	581	1,29,316
Minor forest produce.					
.. .. .	358	..	..	..	358
35,800	..	25,998	..	..	25,998
2,89,940	..	7,495	..	..	7,495
.. .. .	..	33	..	..	33
.. .. .	..	5,281	..	..	5,281
39,482	..	5,150	..	..	5,150
10,769	..	31,647	..	..	31,647
10	281	11,506	..	..	11,787
.. .. .	..	29,308	..	..	29,308
2,966	..	40	..	..	40
3,108	..	22	..	..	22
16,290	..	1,595	..	..	1,595
10,846	..	138	..	..	138
.. .. .	..	28	..	..	28
.. .. .	..	13	..	..	13
4,42,531	590	120	..	..	710
2,51,550	61	46	..	..	107
3,45,032	..	210	..	..	210
10,38,113	..	900	..	..	900
.. .. .	..	5,000	..	..	5,000
.. .. .	..	323	..	..	323
.. .. .	..	..	..	..	..
.. .. .	291	..	..	..	291
.. .. .	2,687	..	..	..	2,687
.. .. .	..	110	..	..	110
.. .. .	21,856	..	..	..	21,856
.. .. .	..	236	..	..	236
.. .. .	..	250	..	..	250
.. .. .	..	7,156	..	..	7,156
.. .. .	..	315	..	..	315
.. .. .	..	19,791	109	..	19,900
.. .. .	..	90,079	..	..	90,079
.. .. .	..	..	..	..	..
Total	26,124	2,42,858	109	..	2,69,096

Outturn of minor forest produce during the year 1951-52—cont.

Description of products. (1)	Produce removed or utilized				Total. Value (6) RS.
	By Govern- ment agency.	By purchasers.	By free grantees.	By right- holders.	
	Value. (2)	Value. (3)	Value. (4)	Value. (5)	
	RS.	RS.	RS.	RS.	
COIMBATORE CIRCLE—cont.					
Panchayat forests.					
Grazing	..	3,926	..	..	3,926
Abstract.					
Bamboos	..	1,35,919	174	..	1,36,093
Grazing	..	1,32,640	21	581	1,33,242
Minor forest produce	26,124	2,42,853	109	..	2,69,086
Total ..	26,124	5,11,412	304	581	5,38,431
OOTACAMUND CIRCLE.					
Reserved forests.					
Bamboos	6,763	51,438	81	..	58,283
Grazing and fodder grass	..	21,493	825	..	22,318
Minor forest produce.					
Cardamom	..	5,465	..	..	5,465
Honey and wax	282	..	..	..	282
Usufructs of trees	..	13	..	..	13
Thatch grass, leaves, etc.	50	810	..	..	860
Wattle and avaram bark	381	68,981	..	..	69,362
Ivory	4,280	..	..	..	4,280
Shekoy	..	8,005	..	..	8,005
Reeds and canes	10	1,473	..	..	1,483
Coconuts	..	25,205	..	..	25,205
Arecanuts	6	2,100	..	..	2,106
Cashewnuts	..	13,026	..	..	13,026
Cinnamon	..	174	..	..	174
Catchu	..	13,803	..	..	13,803
Tamarind	..	9,368	..	..	9,368
Ragi	705	..	..	..	705
Paddy	3,358	..	..	..	3,358
Teak and other seeds	2,381	..	..	..	2,381
Minor forest produce leases	..	51,340	..	..	51,340
Fishing licences	..	82	..	..	82
Penning licences	333	..	..	..	333
Metals, stones and gravels	6	5,134	..	..	5,140
Miscellaneous	5,385	29,843	..	..	35,228
Total ..	17,177	2,35,428	..	..	2,52,605
Leased forests.					
Bamboos	24,303	2,943	3	..	27,249
Minor forest produce.					
Paddy	1,242	..	..	..	1,242
Cashewnuts	..	1,530	..	..	1,530
Honey and Sheekai	..	955	..	..	955
Ragi	735	..	..	..	735
Total ..	1,977	2,485	..	..	4,463

Outturn of minor forest produce during the year 1951-52—cont.

Description of products. (1)	Produce removed or utilized.				
	By Govern- ment agency. Value. (2) RS.	By purchasers. Value. (3) RS.	By free grantees. Value. (4) RS.	By right- holders. Value. (5) RS.	Total. Value. (6) RS.
	(2)	(3)	(4)	(5)	(6)
	RS.	RS.	RS.	RS.	RS.
OOTACAMUND CIRCLE—cont.					
<i>Abstract.</i>					
Bamboos	31,066	54,381	87	..	85,534
Grazing and fodder	..	21,493	825	..	22,318
Minor forest produce	19,154	2,37,913	..	..	2,57,067
Total ..	50,220	3,13,787	912	..	3,64,919
ABSTRACT FOR THE STATE.					
<i>Reserved forests.</i>					
Bamboos	6,790	17,30,170	819	..	17,37,788
Grazing and fodder	..	6,40,719	4,286	3,416	6,48,421
Minor forest produce	58,777	10,55,318	150	45	11,14,290
Total ..	65,576	34,26,207	5,255	3,481	35,00,499
<i>Unreserves.</i>					
Bamboos	..	1,31,124	..	..	1,31,124
Minor forest produce	..	1,23,288	..	..	1,23,288
Total ..	..	2,54,412	..	..	2,54,412
<i>Leased forests.</i>					
Bamboos	24,308	2,943	3	..	27,249
Minor forest produce	1,977	2,485	..	..	4,462
Total ..	26,285	5,428	3	..	31,711
<i>Panchayats forests.</i>					
Grazing	..	53,488	..	..	53,488
Minor forest produce	..	4,384	..	..	4,384
Total ..	..	57,872	..	..	57,872
<i>Post-War Reconstruction—Casuarina area.</i>					
Grazing	..	1,092	..	..	1,092
Minor forest produce	..	464	..	..	464
Total ..	..	1,556	..	..	1,556
TOTAL FOR THE STATE.					
Bamboos	31,102	18,64,237	822	..	18,96,161
Grazing and fodder	..	6,95,299	4,286	3,416	7,03,001
Minor forest produce	60,754	11,85,939	150	45	12,46,888
Total ..	91,856	27,45,475	5,258	3,481	38,46,050

FORM No. 34.

Account of timber and other produce cut or collected by Government and brought to depots, sold locally or otherwise disposed of during 1951-52.

Name of circle.	Balance at the commencement of the year in forests and sale depots.	Received during the year.	Total.	Disposed of during the year.	Balance at the close of the year in forests and sale depots.
(1)	(2)	(3)	(4)	(5)	(6)
<i>Timber (in thousands of cubic feet).</i>					
Kakinada	20	78	98	75	23
Bellary	1	1	2	1	1
Salem	7	22	29	24	5
Coimbatore	482	338	820	300	520
Ootacamund	648	875	1,523	898	625
Total	1,158	1,314	2,472	1,298	1,174
<i>Fuel (in thousands of cubic feet).</i>					
Kakinada	22	64	86	62	24
Bellary	64	10	74	9	65
Salem	24	11	35	22	13
Coimbatore	23	260	283	154	129
Ootacamund	41	255	296	277	19
Total	174	600	774	524	250
<i>Bamboos (in numbers).</i>					
Kakinada	58,258	12,800	71,058	71,058	..
Bellary	..	7,435	7,435	7,435	..
Salem	..	..	..	..	..
Coimbatore	..	866	866	866	..
Ootacamund	2,096	89,802	92,598	81,314	11,284
Total	61,254	110,703	171,957	160,673	11,284
<i>Minor forest produce (in quarters of 28 lb.).</i>					
Kakinada	2,649	3,854	6,503	5,389	1,114
Bellary	85	69	154	77	77
Salem	125	726	851	700	151
Coimbatore	2,340	12,166	14,506	2,841	11,665
Ootacamund	430	3,933	4,372	3,569	803
Total	5,638	20,748	26,386	12,576	13,810
ABSTRACT.					
Timber (in thousands of cubic feet).	1,158	1,314	2,472	1,298	1,174
Fuel (in thousands of cubic feet) ..	174	600	774	524	250
Bamboos (in numbers)	61,254	110,703	171,957	160,673	11,284
Minor forest produce (in quarters of 28 lb.)	5,638	20,748	26,386	12,576	13,810

Statement showing the value of timber and other produce at sale depots for the year 1951-52.

Circle.	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.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Kakinada .. Bellary .. Salem .. Coimbatore .. Ootacamund ..	Timber	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
Kakinada .. Bellary .. Salem .. Coimbatore .. Ootacamund ..	Sleepers	..	..	..	..	..	..
	Electric transmission poles	..	..	..	..	..	..
	Spokes and felloes	..	..	..	..	..	..
	Teak poles	..	..	..	..	..	..
	Rafters	..	..	..	..	..	..
Kakinada .. Bellary .. Salem .. Coimbatore .. Ootacamund ..	Timber	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
Kakinada .. Bellary .. Salem .. Coimbatore .. Ootacamund ..	Sandalwood	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
Kakinada .. Bellary .. Salem .. Coimbatore .. Ootacamund ..	Fuel	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
	Do.	..	..	..	..	..	..
Total ..		..	..	..	..	..	..
Total ..		..	..	..	..	..	..

* Bill pending adjustment in Coimbatore South Division.

Summary of expenditure of the different circles during 1951-52 under "10. Forests—b. Conservancy and Works—I. Ordinary Areas—
(i) Excluding Post-war Reconstruction".

Sub-heads of appropriation and detailed heads.	Ootacamund Circle.	Coimbatore Circle.	Salem Circle.	Bellary Circle.	Kakinada Circle.	Special Forest Circle.	Provincial Silviculturist.	Forest Utilization Officer.	Special Conservator.	Chief Conservator.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
A. Forest produce removed by Government Agency—	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Timber	69,012	1,067	1,147	982	7,403	7,403	7,403	7,403	7,403	7,403	7,403
Firewood and charcoal	6,39,655	2,020	1,147	982	7,403	7,403	7,403	7,403	7,403	7,403	7,403
Bamboos	19,935	51,174	68,244	4,893	33	33	33	33	33	33	33
Sandalwood	7,784	24,477	1,318	609	5,812	5,812	5,812	5,812	5,812	5,812	5,812
Grass and other minor produce	108	1,360	979	..	845	845	845	845	845	845	845
Dearness allowance	7,110	1,360	979	..	845	845	845	845	845	845	845
Total 'A'	6,81,191	1,78,043	71,808	6,649	7,172	7,172	7,172	7,172	7,172	7,172	9,44,663
B. Timber and other produce, removed from the forests by consumers and purchasers—											
Timber and other produce removed from forest	19,133	45,239	42,621	51,816	35,814	35,814	35,814	35,814	35,814	35,814	35,814
Dearness allowance	20,482	60,343	59,109	71,616	48,792	48,792	48,792	48,792	48,792	48,792	48,792
Home-rent allowance to forest watchers	511	897	1,418	1,770	1,114	1,114	1,114	1,114	1,114	1,114	1,114
Total 'B'	40,126	1,06,989	1,03,148	1,25,203	86,720	86,720	86,720	86,720	86,720	86,720	4,81,491
C. Maintenance, repairs and renewals—											
1. Feed and upkeep of cattle—											
Expenses	2,68,092	88,884	117	284	..	..	..	..	..	..	3,37,267
Dearness allowance	39,187	11,691	..	11	..	..	..	..	..	..	50,889
2. Renewals and replacement of stores, tools and plants—											
Expenses	35,983	6,287	7,961	4,404	90,665	805	577	..	..	..	1,54,082
Dearness allowance	50	..	..	..	783	..	..	..	..	..	833
Total 'C'	3,42,742	85,862	8,078	4,399	1,00,448	805	577	577	577	577	5,43,011
D. Communications and buildings—											
1. Roads and bridges	85,798	1,78,866	49,963	31,787	7,027	..	..	..	23	..	3,55,106
2. Buildings and other works—											
Buildings	36,800	37,508	27,038	28,427	11,551	..	408	..	2,806	1,842	1,41,536
Dearness allowance	2,214	2,200	3,350	4,164	1,700	..	..	..	..	..	18,638
Rates and taxes	3,402	1,283	1,780	2,340	491	..	10	..	..	..	9,520
Other works	3,409	1,300	2,119	1,266	289	..	..	..	..	..	9,003
Total 'D'	1,21,612	3,41,459	30,290	33,032	21,053	364	408	10	2,806	1,842	3,21,223
E. Conservancy and Regeneration—											
1. Expenses	1,72,732	65,117	9,900	20,388	51,950	..	364	..	..	..	4,429
Dearness allowance	..	..	800	1,229	2,400	..	..	..	..	..	52,998
2. Fire protection—											
Fire protection	30,033	9,728	5,636	6,571	910	..	..	..	..	..	1,465
Dearness allowance	..	462	..	1,008	..	..	..	..	..	..	12,906
3. Other works—											
Maintenance of boundaries	8,470	423	2,199	1,524	285	..	..	..	..	..	8,199
Payment to the Survey of India Department for Forest map work.	..	..	..	..	..	..	..	..	..	..	..
Other items	4,172	392	392	2,317	1,005	..	313	..	313	877	4,01,125
Total 'E'	2,11,335	79,907	18,947	33,032	56,450	364	408	10	2,806	1,842	3,21,223
F. Other charges—											
Transfer of licence fees to the Nilgiris Games Association.	6,470	..	..	..	..	..	..	..	..	..	6,470
Honoraria	2,907	100	..	156	4,229	..	..	..	..	..	110
Rates and taxes	7,401	436	3	1,387	51	..	..	..	..	..	7,698
Miscellaneous	220	19,653	1,281	..	..	..	..	..	..	..	727
Dearness allowance	16,968	11,269	1,234	1,543	4,290	..	..	..	..	..	91,986
Total 'F'	16,968	11,269	1,234	1,543	4,290	364	408	10	2,806	1,842	3,21,223
H. Suspense—Works advances	..	16	..	..	..	..	..	..	..	..	5,776
Total, 10. b. I. (i)	14,18,413	6,83,286	2,92,274	2,39,139	2,76,138	805	38,318	..	2,942	28,076	29,73,393

FOREST DEPARTMENT

Statement of expenditure during 1951-52.

10. a. General Direction—	RS.	10. a. General Direction—cont.	RS.
A. Pay of Officers	37,744	E. Office contingencies—	1,211
B. Pay of Establishments	41,170	Books and periodicals	2,002
C. Clothing and Equipment	38,669	Service postage	2,265
D. Allowances—	8,353	Other charges	401
Travelling and other compensatory	13,558	Dearness allowance to manuals	5,879
Dearness allowance	21,911	Total, 10. a.	1,45,873

Summary of expenditure—10. Forests—b. Conservancy and Works—I. Ordinary Areas—
(ii) Post-War Reconstruction—1951-52.

Budget heads.	A. Forest Reservation (including village forests).	B. Extension of casua- rina plantations.	C. Forest Roads and Bridges.	D. Working Plans.	E. Soil Conservation on Regeneration.	F. Panchayat forests managed by Govern- ment.	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1 Forest produce removed by Govern- ment Agency.	..	486	..	..	..	..	486
2 Forest produce removed by consu- mers and purchasers.	..	15,536	..	..	..	..	15,536
3 Renewals and replacement of stores, tools and plant.	..	2,055	..	..	..	..	2,055
4 Roads and bridges	..	..	53,492	..	..	..	53,492
5 Buildings and other works	..	6,598	..	..	..	..	6,598
6 Regeneration	5,758	73,624	..	..	639	..	80,021
7 Working Plans Works	..	..	..	3,712	..	..	3,712
8 Panchayat forests managed by Government.	..	..	..	..	..	97,932	97,932
9 Dearness allowance	1,465	27,320	..	..	..	..	28,785
10 Other Charges—Miscellaneous	..	2,823	..	..	..	..	2,823
Total, 10. b. I. (ii)	7,223	1,28,442	53,492	3,712	639	97,932	2,91,440

Summary of expenditure—1951-52—10. b. Conservancy and Works—
II. Scheduled Areas—Voted.

KAKINADA CIRCLE.

Sub-heads of appropriation and detailed heads.

10. Forests—

b. Conservancy and works—

II. Scheduled Areas—Voted—

A. Forest produce removed by Government Agency—

	RS.
Timber	59
Firewood and charcoal	815
Grass and other minor produce	840
Total, A ..	1,714

B. Timber and other produce removed from forest by consumers and
purchasers—

Expenses	19,336
Dearness allowance	27,907
House rent allowance to watchers	564
Total, B ..	48,207

FOREST DEPARTMENT

Summary of expenditure—1951-52—10. b. Conservancy and Works—
II. Scheduled Areas—Voted—cont.

KAKINADA CIRCLE—cont.

Sub-heads of appropriation and detailed heads.

i. Forests—cont.

b. Conservancy and works—cont.

II. Scheduled Areas—Voted—cont.

C. Maintenance, repairs and renewals—

1. Feed and upkeep of cattle—

Expenses	74
Dearness allowance	..
Total, C-1 ..	1,609

2. Renewals or replacements of tools and plant—

Expenses	212
Dearness allowance	..
Total, C-2 ..	12,973

D. Communications and buildings—

1. Roads and bridges	7,188
2. Buildings and other works—	10,770
Buildings	928
Dearness allowance	162
Rates and taxes	101
Other works	..
Total, D-2 ..	11,961

E. Conservancy and regeneration—

1. Regeneration	17,979
2. Fire protection	4,800
3. Other works	1,839
Total, E ..	24,618

F. Other charges	187
G. Suspense—Works advances	..
Total, 10. b. II. ..	1,08,451

**Summary of expenditure of the different circles—10. Forests—c. Establishment—I. Ordinary Areas—
(i) Excluding Post-war Reconstruction—1951-52.**

Sub-head of appropriation and detailed heads. (1)	Ootacamund Circle. (2)	Coimbatore Circle. (3)	Salem Circle. (4)	Kallary Circle. (5)	Kakinada Circle. (6)	Special Forest Circle. (7)	Provincial Silviculturist. (8)	Forest Utilization Officer. (9)	Special Conservator of Forests. (10)	Chief Conservator of Forests. (11)	Total. (12)
10. c. Forest—Establishment— I. Ordinary Areas—											
A. Pay of officers	80,347	54,526	53,082	63,952	46,663	17,150	8,160	6,385	3,019	33,949	3,97,233
B. Pay of establishment— Permanent	3,13,637	2,68,154	2,65,046	2,45,138	1,36,583	..	21,139	3,191	..	85,710	13,38,648
Temporary	72,472	39,451	37,605	48,873	47,953	5,206	4,268	3,228	18,635	54,816	3,32,507
Total, "B"	3,86,109	3,07,605	3,02,651	2,94,011	1,84,536	5,206	25,457	6,419	18,635	1,40,526	16,71,155
C. Allowances—											
Travelling allowance	83,413	74,529	61,790	59,895	62,003	1,586	11,709	2,713	1,366	22,899	3,81,853
Fixed travelling allowance	26,125	17,874	15,841	14,605	8,122	..	2,204	148	..	13	84,932
Other compensatory allowance	22,060	18,550	14,523	15,237	12,877	1,412	2,918	1,757	..	25	89,359
Dearness allowance	1,82,751	1,60,820	1,61,756	1,58,313	99,053	4,296	11,483	3,978	13,693	3,651	7,99,794
Total, "C"	3,14,349	2,71,773	2,53,940	2,48,050	1,82,055	7,344	28,314	8,596	15,059	26,588	13,55,938
D. Office contingencies—											
Service postage	10,484	11,800	11,170	11,083	8,897	100	1,800	613	160	..	56,107
Pay of menials	1,530	1,333	1,823	3,003	893	..	162	..	..	..	8,749
Dearness allowance to menials	1,832	2,856	2,856	5,563	1,435	..	193	..	..	..	13,704
Tour charges	738	2,226	1,457	1,868	2,642	..	39	49	76	31	9,126
Office expenses	2,208	2,701	1,992	1,585	3,731	36	304	215	..	51	12,913
Rates and taxes	515	1,698	1,057	870	14	..	111	..	..	..	4,265
Apparatus and materials	613	3,300	743	1,502	1,190	..	..	..	778	5	8,131
Other charges	5,850	6,861	3,864	5,954	7,239	200	231	8,611	27,983	326	67,119
Total, "D"	23,779	31,742	24,963	31,423	26,046	836	2,932	8,468	28,997	413	1,80,114
Total, 10. c. I. (i)	8,04,878	6,85,048	6,34,593	6,27,444	4,30,200	23,936	54,353	30,983	54,710	1,80,114	13,55,938

FOREST DEPARTMENT

**Summary of expenditure—10. Forests—c. Establishments—I. Ordinary areas—
(ii) Post-war Reconstruction—1951-52.**

Budget heads. (1)	A. Forest reservation (including Village forests). (2) RS.	B. Extension of casuarina plantations. (3) RS.	C. Technical training of Forest Officers. (4)	D. Soil Conservation. (5) RS.
c. Establishments—				
Ordinary Areas—				
(ii) Post-war Reconstruction—				
1. Pay of Officers	2,198	1,04,314	..	4,027
2. Pay of Establishments	..	35,312	..	3,780
3. Allowances—	421	..	..	4,100
Travelling Allowance	..	..	..	256
Compensatory	..	..	..	956
Fixed Travelling Allowance	1,690	54,934	..	2,236
Other Compensatory	2,111	90,246	..	7,547
Dearness Allowance	..	..	..	..
Total, 3	..	..	..	..
4. Other charges—	..	1,437	..	..
Pay of Menials	..	..	..	53
Dearness Allowance to Menials	..	13,022	..	53
Office Contingencies	..	14,459	..	15,407
Other Charges	..	..	..	..
Total, 4	4,309	2,27,458	..	..
Grand Total, 10. c. I. (ii)	4,309	2,27,458	..	..
c. Establishments—cont.				
Ordinary Areas—cont.				
(ii) Post-war Reconstruction—cont.				
1. Pay of Officers	3,401	41,802	7,835	71,903
2. Pay of Establishments	97	49,215	1,41,725	3,04,633
Travelling Allowance	..	26,384	29,387	95,651
Compensatory	744	3,210	..	4,210
Fixed Travelling Allowance	19	7,489	..	8,463
Other Compensatory Allowance	1,342	24,326	89,813	1,74,341
Dearness Allowance	2,202	61,409	1,19,150	2,82,665
Total, 3	..	..	928	928
4. Other charges—	..	..	1,759	3,196
Pay of Menials	..	5,958	7,595	5,958
Dearness Allowance to Menials	..	..	10,282	20,670
Office Contingencies	..	5,958	2,78,992	30,753
Other Charges	..	..	..	6,88,953
Total, 4	5,603	1,58,184	2,78,992	6,88,953
Grand Total, 10. c. I. (ii)	5,603	1,58,184	2,78,992	6,88,953

**Summary of expenditure—10. Forests—c. Establishments—
II. Scheduled Areas—1951-52.**

KAKINADA CIRCLE.

Sub-heads of appropriation and detailed heads.

Sub-heads of appropriation and detailed heads.	RS.
c. Forests—Establishments—	
II. Scheduled Areas—	
A. Pay of Officers	5,319
B. Pay of Establishments—	
Permanent	98,925
Temporary	6,370
Total, "B"	1,05,295

*Summary of expenditure—10. Forests—c. Establishments—
II. Scheduled Areas—1951-52—cont.*

KAKINADA CIRCLE—cont.

Sub-heads of appropriation and detailed heads.

10. c. Forests—Establishments—cont.

II. Scheduled Areas—cont.

C. Allowances—

Travelling Allowance	..	..	..	..	..	..	..	..	..	19,677
Other Compensatory	..	..	..	..	..	..	..	..	..	3,690
Fixed Travelling Allowance	..	..	..	..	..	..	..	..	..	6,399
Dearness Allowance	..	..	..	..	..	..	..	..	..	52,497

Total, "C" ..

D. Office Contingencies—

Service Postage	..	..	..	..	..	..	..	..	..	2,100
Pay of Menials	..	..	..	..	..	..	..	..	..	32
Dearness Allowance to Menials	..	..	..	..	..	..	..	..	..	81
Tour Charges	..	..	..	..	..	..	..	..	..	70
Office Expenses	..	..	..	..	..	..	..	..	..	80
Apparatus and material	..	..	..	..	..	..	..	..	..	294
Other Charges	..	..	..	..	..	..	..	..	..	994

Total, "D" ..

Total, 10. c. II. ..

10. Forests—d. Charges in England—1951-52.

Budget head—

A. Leave salaries and deputation pay	..	..	..	..	..	..	..	..	..	..
B. Sterling overseas pay	..	..	..	..	..	..	..	..	..	..
C. Cost of publication	..	..	..	..	..	..	..	..	..	..
D. Miscellaneous	..	..	..	..	..	..	..	..	..	..

Total, 10. d. ..

* Due to misclassification. This amount should be included under "C. Cost of Publications."

*Summary of Revenue and Expenditure of the different circles—
Actuals of 1951-52.*

RECEIPTS AND EXPENDITURE.

ABSTRACT FOR THE STATE.

Receipts.

	Amount. RS.
X. Forests	2,07,84,977
10. Forests—	
a. General Direction	1,45,373
b. Conservancy and Works—	
I. Ordinary Areas—	
(i) Excluding Post-war Reconstruction	29,78,293
(ii) Post-war Reconstruction	2,91,440
II. Scheduled Areas	1,08,451
c. Establishments—	
I. Ordinary Areas—	
(i) Excluding Post-war Reconstruction	36,04,440
(ii) Post-war Reconstruction	6,89,983
II. Scheduled Areas	1,98,990
d. Charges in England	271
Total, Expenditure	80,12,211
Surplus	1,27,72,766

FOREST DEPARTMENT

Summary of revenue of different divisions during 1951-52.

	Visakhapatnam, North.	Visakhapatnam, South.	Godavari, Lower.	Godavari, Upper.	Guntur.	Nellore, North.	Nellore, South.	Total.
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
(a) Sandalwood	..	1,143	..	397	79	..	..	1,625
Timber	..	7,712	16,090	25,700	..	..	721	50,223
Firewood and charcoal	..	257	18,102	337	440	..	1,036	20,184
Bamboos	..	..	80	..	..	..	..	30
Grazing and fodder grass	..	..	..	..	60	..	..	14,834
Other minor forest produce	..	10	..	..	..	..	..	86,696
Total, (a)	12	9,138	34,222	26,434	579	4	16,317	3,74,005
(b) Timber	..	8,289	45,387	3,17,802	1,850	8	42	16,12,221
Firewood and charcoal	..	34,170	8,01,572	10,413	1,86,677	20,213	4,87,746	7,98,821
Bamboos	..	23,595	2,12,395	2,05,932	13,005	..	..	1,00,478
Grazing and fodder grass	..	804	9,226	4,475	58,778	3,701	16,742	2,36,982
Other minor forest produce	..	35,245	59,602	69,494	23,744	3,502	11,060	30,22,597
Total, (b)	81,691	2,95,941	2,59,691	6,08,116	2,84,054	27,424	5,15,590	14,777
(c) Drift, waifwood and confiscated produce	..	362	9,557	3,890	201	48	604	20,909
(e) Miscellaneous—	..	10,588	4,097	4,437	510	50	1,022	5,171
Fines and forfeitures	..	4	1,051	1,808	1,190	88	499	97,855
Rents on buildings	..	530	22,624	18,619	31,464	484	6,654	1,97,370
Other sources	..	4,407	..	..	47,349	20,232	..	..
Post-war Reconstruction	..	..	..	..	..	..	..	..
Contribution towards leave salary	..	..	..	..	..	..	..	..
Total, (c)	4,616	38,664	27,772	24,864	80,513	20,854	1,23,999	34,45,385
Grand total	86,434	3,44,095	13,31,242	6,63,304	3,15,347	46,330	6,56,610	10,920
Net total	..	58	8,430	5,214	1,997	40	181	24,84,385

Defund—Refunds by Forest Officers

Summary of revenue of different divisions during 1951-52—cont.

Budget head. (1)	Direction.		Bellary.		Anantapur.		Cuddapah.		Cuddapah.		Kurnool.		Kurnool.		Total.	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
BELLARY CIRCLE.																
X. Forests—Receipts.																
(a) Sandalwood	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Timber	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Firewood and charcoal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grazing and fodder grass	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other minor produce	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, X (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(b) Timber	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Firewood and charcoal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grazing and fodder grass	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other minor produce	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, X (b)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(c) Drift, waifwood and other confiscated produce	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(d) Fines and forfeitures	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rents on buildings	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Receipts from Post-War Reconstruction Schemes	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other sources	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, X (c)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grand total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Refunds by Forest Officers	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Net total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

(1)

(2)

(3)

(4)

(5)

(6)

(7)

(8)

(9)

(10)

SALEM CIRCLE.

X. Forests—Receipts—I. Ordinary Areas.

(a) Timber and other produce removed from the forests by Government agency—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sandalwood	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Timber	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Firewood and charcoal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grazing and fodder grass	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other minor produce	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(b) Timber and other produce removed from the forests by consumers and purchasers—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Timber	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Firewood and charcoal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grazing and fodder grass	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other minor produce	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, (b)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(c) Drift, waifwood and confiscated produce	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(d) Miscellaneous—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fines and forfeitures	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rents on buildings	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other sources	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Receipts on account of Post-war Reconstructions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, (d)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grand total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Net total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

* The figures given in this column include those old Chittoor Division for the period from 1st April to 14th October 1951. Chittoor East and West Divisions were formed only from 15th October 1951.

† Includes revenue of Rs. 29,868 of other circles and excludes Rs. 1,827 realised in other circles as follows:—

‡ Includes Rs. 86 relating to other circles and excludes Rs. 21 realised in other circles as follows:—

House-rent, Otacamund Circle for Chittoor East Division

Kakinada Circle for Salem South

Bellary Circle for Chingleput Division

§ Other sources—Excludes the revenue collected in Kakinada Circle for Vellore West Division Rs. 86.

Summary of revenue of different divisions during 1951-52—cont.

Budget head.	Direction.	Kollegal.	Coimbatore, North.	Coimbatore, South.	Madurai, East.	Madurai, West.	Tirunelveli.	Tiruchirappalli.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
COMBATORE CIRCLE.									
X. Forests—Receipts.									
(a) Timber and other produce removed from the forests by Government Agency—									
Sandalwood	..	40	11,28,220	..	..	..	89	2	11,26,351
Other produce—									
Timber	..	975	979	7,38,826	13,225	4,217	12,245	..	7,70,467
Firewood and charcoal	..	180	411	3,513	2,461	6,366	814	1,067	14,812
Other minor produce	..	17	916	3,071	1,255	23,533	..	..	23,827
Total, (a)	..	1,212	11,28,526	7,45,410	16,971	31,421	13,148	1,069	19,40,457
(b) Timber and other produce removed from the forests by consumers and purchasers—									
Timber	..	11,096	318	5,393	817	351	..	..	17,975
Firewood and charcoal	..	46,886	1,01,387	85,720	2,72,010	24,941	6,91,604	4,83,694	17,08,242
Bamboos	..	31,781	79,856	13,475	3,987	729	1,821	4,740	1,33,919
Grazing and fodder grass	..	28,829	25,377	4,290	18,011	2,040	9,375	40,792	1,28,714
Other minor produce	..	28,545	43,515	34,857	34,156	25,192	55,899	20,423	2,42,617
Total, (b)	..	1,48,349	13,78,979	8,89,145	3,45,882	87,374	7,71,377	5,52,718	41,73,924
(c) Drift and waifwood and confiscated forest produce	..	388	2,229	475	1,613	617	581	466	6,789
Miscellaneous—									
Fines and forfeitures	..	1,590	5,577	3,456	1,403	2,352	545	888	15,781
Contribution towards leave salary of officers lent to foreign service	..	8	129	23	110	..	93	..	363
Rents of buildings	57	1,783	995	3,321	1,296	349	1,232	495	9,533
Other sources	25	24,122	37,076	14,980	22,140	5,999	17,793	20,070	1,42,205
Receipts on account of Post-War Reconstruction Schemes	..	..	14,328	983	21	..	1,217	..	16,549
Total, (c)	82	1,76,245	14,39,313	9,12,353	3,72,585	96,691	7,98,238	5,74,637	43,85,124
(d) Deduct—Refunds by forest officers	..	150	81	2,024	2,044	816	169	343	5,928
Grand total—X. Forests—Receipts	82	1,76,095	14,39,232	9,10,329	3,70,541	95,875	7,98,069	5,74,295	43,59,492
Budget head.	Direction.	South Kanara.	Wynad.	Nilambur.	Nilgiris.	Palghat.			Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
OOTAGAMUND CIRCLE.									
X. Forests—Receipts.									
(a) Sandalwood	..	1,518	..	..	141	..	..	..	1,659
(i) Timber	..	3,06,084	22,29,866	8,32,144	12,989	50,069	..	..	34,30,652
(ii) Firewood and charcoal	..	..	..	513	130	30,169	..	..	30,812
(iii) Bamboos	..	..	..	27,583	31	..	..	..	27,614
(iv) Other minor produce	..	..	1,052	438	196	..	..	..	1,686
(b) (i) Timber	..	1,81,986	3,80,249	6,66,362	22,061	1,27,518	..	..	12,78,176
(ii) Firewood and charcoal	..	3,82,783	536	770	1,14,264	2,06,542	..	..	7,04,895
(iii) Bamboos	..	7,624	774	10,955	424	3,4984	..	..	54,761
(iv) Grazing and fodder grass	..	9,647	3,851	..	2,976	5,626	..	..	22,100
(v) Other minor produce	..	43,346	15,312	85,706	1,16,173	26,070	..	..	2,37,107
(c) Drift and waifwood and confiscated forest produce	..	2,572	19	406	561	362	..	..	3,920
(e) Miscellaneous—									
Fines and forfeitures	..	1,721	561	725	1,131	3,250	..	..	7,438
Rents of buildings	1,216	2,853	..	6,459	1,755	1,581	..	..	18,554
Contribution towards leave salary of officers lent to foreign service	909	22,032	..	1,35,728	52,946	6,913	..	..	2,41,473
Other sources	..	..	..	..	..	..	..	..	..
Receipts on account of Post-War Reconstruction Schemes	..	..	..	..	..	..	..	..	..
Total	2,135	9,12,491	26,09,744	17,17,789	3,25,826	4,93,084	..	..	60,60,845
Deduct—Refunds by forest officers	46	19	362	219	709	..	..	..	1,353
Net total	2,079	9,12,472	26,09,382	17,17,570	3,25,117	4,93,084	..	..	60,59,487

Summary of expenditure of different divisions during 1951-52.

Budget head.	Direction.	Visakhapatnam North.	Visakhapatnam South.	Godavari Lower.	Guntur.	Nellore, North.	Nellore, South.	Total.	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
KAKINADA CIRCLE.									
10. b. Conservancy and Works—									
I. Ordinary Areas—									
A. Forest produce removed by Government Agency—									
Timber	..	..	170	812	..	..	..	982	
Firewood and charcoal ..	..	..	93	..	..	..	5,312	33	
Sandalwood	..	..	14	..	16	..	845	5,312	
Grass and other minor forest produce ..	..	..	..	..	..	..	..	845	
Dearness allowance	..	..	..	..	..	..	..	..	
Total, 10. b. I. A. ..	..	..	217	812	16	..	6,127	7,172	
B. Timber and other produce removed by purchasers.									
Dearness allowance	..	2,857	5,084	4,068	12,451	2,658	4,383	31,441	
House rent allowance	..	5,659	6,915	4,777	14,829	4,122	4,779	41,081	
.. .. .	..	63	71	147	426	119	163	989	
Total, 10. b. I. B. ..	..	8,579	12,070	8,932	27,706	6,899	9,325	73,511	
C-1. Feed and upkeep of cattle									
C-2. Renewals and replacement of stores, tools and plant.									
Dearness allowance	..	622	173	332	456	..	97,141	98,780	
.. .. .	..	..	..	..	216	..	852	898	
Total, 10. b. I. C. ..	..	622	173	332	672	6	97,923	99,628	
D-1. Roads and bridges									
D-2. Buildings	..	671	548	1,385	3,186	448	740	6,958	
Dearness allowance	..	267	2,032	2,593	2,023	1,266	3,370	11,551	
Rates and taxes	..	..	432	420	416	180	248	1,696	
Other works	..	..	48	375	62	6	..	491	
.. .. .	..	..	30	34	141	32	52	289	
Total, 10. b. I. D. ..	..	938	3,090	4,787	5,828	1,932	4,410	20,985	
E-1. Regeneration									
Dearness allowance	..	368	330	5,902	10,352	144	34,754	51,850	
E-2. Fire protection									
E-3. Other works—Maintenance of boundaries ..	..	18	198	..	..	..	2,190	2,406	
Other items	..	69	21	232	27	313	248	910	
.. .. .	..	..	..	..	235	..	..	285	
.. .. .	..	..	..	..	853	152	..	1,005	
Total, 10. b. I. E. ..	..	455	549	6,134	11,517	609	37,192	56,446	
F. Other charges—									
Honorary	..	..	47	..	10	..	..	16	
Miscellaneous	..	..	4,035	195	4	..	..	51	
Rates and taxes	..	..	..	..	..	..	..	4,230	
Total, 10. b. I. F. ..	..	..	4,082	195	14	..	..	4,231	
Grand total	..	10,594	20,181	21,192	45,753	9,446	1,54,877	2,6331	
* Include Rs. 253 of Chenchu expenditure.									

Summary of expenditure of different divisions during 1951-52—cont.

Budget head.	Visakhapatnam South.	Guntur.	Nellore, North.	Nellore, South.	Total.
(1)	(2)	(3)	(4)	(5)	(6)
RS.	RS.	RS.	RS.	RS.	RS.
KAKINADA CIRCLE.					
10. b. Conservancy and Works—					
I. Ordinary Areas—					
(ii) Post-War Reconstruction—					
B. Extension of casuarina plantations—					
Forest produce removed by Government Agency	..	..	5	5	5
Green and other minor forest produce.	656	1,047	1,703		
Forest produce removed by consumers and purchasers.	212	1,440	1,652		
Renewals and replacement of stores, tools and plant.	2,863	34,273	37,136		
Regeneration	254	123	377		
Buildings and other works	353	2,748	3,101		
Dearness allowance	..	..	..		
Miscellaneous other charges	..	..	..		
Total, 10. b. I. (ii). B. ..	4,338	39,636	43,974		
KAKINADA CIRCLE.					
10. b. Conservancy and Works—					
I. Ordinary Areas—					
(ii) Post-War Reconstruction—					
Panchayat—Forest managed by Government.	1,600	9,716	4,596	14,463	30,375
Total ..	1,600	9,716	4,596	14,463	30,375

Summary of expenditure of different divisions during 1951-52—contd.

Budget head.	Visakha- patnam, North.	Visakha- patnam, South.	Godavari, Lower.	Godavari, Upper.	Total	Visakha- patnam, North.	Visakha- patnam, South.	Godavari, Lower.	Godavari, Upper.	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
KAKINADA CIRCLE.										
10. b. Conservancy and Works—										
II. Scheduled Areas—										
A. Forest produce removed by Government Agency—										
Timber	..	..	15	44	..	..	..	..	..	..
Firewood and Charcoal ..	..	..	..	278	..	..	..	..	..	..
Total, 10. b. II. A. ..	..	..	15	322	..	..	..	..	..	..
B. Timber and other produce removed from forests by consumers and purchasers—										
Expenses	234	3,326	8,877	7,367	10,880	..	..	..	..	..
Dearness allowance	332	4,933	12,133	10,345	27,743	..	..	..	..	..
House rent allowance ..	5	62	290	271	618	..	..	..	..	..
Total, 10. b. II. B. ..	571	8,321	21,300	17,983	48,175	..	..	..	..	..
C. Maintenance, repairs and renewals—										
1. Feed and upkeep of cattle ..	..	..	1,535	..	1,535	..	..	..	..	..
Dearness allowance	..	..	74	..	74	..	..	..	..	..
2. Renewals, replacement of stores, tools and plant ..	37	114	50	12,560	12,741	..	..	..	..	..
Dearness allowance	..	19	..	193	212	..	..	..	..	..
Total, 10. b. II. C. ..	37	133	1,659	12,758	14,587	..	..	..	..	..
D. Communications and Buildings—										
1. Roads and bridges	1,095	1,070	8,006	2,017	10,188	..	..	..	..	..
2. Buildings	12	1,010	2,441	7,282	10,745	..	..	..	..	..
Dearness allowance	..	212	..	662	874	..	..	..	..	..
Rates and taxes	..	..	35	127	162	..	..	..	..	..
Other works	..	25	20	55	100	..	..	..	..	..
Total, 10. b. II. D. ..	1,107	2,317	5,502	10,143	19,069	..	..	..	..	..
E. Regeneration—										
1. Regeneration	..	2,753	6,644	8,329	17,780	..	..	..	..	..
2. Fire protection	81	1,234	858	2,529	4,702	..	..	..	..	..
3. Other works—										
Maintenance of boundaries ..	..	..	1,309	531	1,840	..	..	..	..	..
Total, 10. b. II. E. ..	81	3,987	8,811	11,389	24,268	..	..	..	..	..
F. Other charges	..	..	..	..	..	..	..	..	..	..
Rates and taxes	..	..	..	..	..	..	..	..	..	..
Miscellaneous	..	..	..	187	187	..	..	..	..	..
Total, 10. b. II. F. ..	..	..	..	187	187	..	..	..	..	..
Grand Total, 10. b. II. Voted. ..	1,798	14,758	37,287	52,777	1,06,620	..	..	..	..	..
Bellary - Bellary Circle.										
10. b. Conservancy and Works—										
I. Ordinary Areas—										
(1) Excluding Post-War Reconstruction—										
A. Timber	..	..	..	..	..	..	..	..	..	..
Firewood and charcoal	..	..	..	..	..	..	..	..	..	..
Sandalwood	..	..	..	..	..	..	..	..	..	..
Grass and other minor forest produce ..	..	..	..	..	..	..	..	..	..	..
Total, 10. b. I. (1). A. ..	..	..	..	..	..	..	..	..	..	..
B. Timber	..	..	..	..	..	..	..	..	..	..
Dearness allowance	..	..	..	..	..	..	..	..	..	..
House-rent allowance to watchers ..	..	..	..	..	..	..	..	..	..	..
Total, 10. b. I. (1). B. ..	..	..	..	..	..	..	..	..	..	..
C-1. Feed and upkeep of cattle ..	..	..	..	..	..	..	..	..	..	..
Dearness allowance	..	..	..	..	..	..	..	..	..	..
C-2. Renewals and replacement of stores, etc. ..	..	..	..	..	..	..	..	..	..	..
Total, 10. b. I. (1). C. ..	..	..	..	..	..	..	..	..	..	..
D-1. Roads and bridges	..	..	..	..	..	..	..	..	..	..
D-2. Buildings	..	..	..	..	..	..	..	..	..	..
Dearness allowance	..	..	..	..	..	..	..	..	..	..
Rates and taxes	..	..	..	..	..	..	..	..	..	..
Other works	..	..	..	..	..	..	..	..	..	..
Total, 10. b. I. (1). D. ..	..	..	..	..	..	..	..	..	..	..
E-1. Regeneration	..	..	..	..	..	..	..	..	..	..
Dearness allowance	..	..	..	..	..	..	..	..	..	..
E-2. Fire protection	..	..	..	..	..	..	..	..	..	..
Dearness allowance	..	..	..	..	..	..	..	..	..	..
E-3. Maintenance of boundaries ..	..	..	..	..	..	..	..	..	..	..
Other items	..	..	..	..	..	..	..	..	..	..
Total, 10. b. I. (1). E. ..	..	..	..	..	..	..	..	..	..	..
F. Rates and taxes	..	..	..	..	..	..	..	..	..	..
Miscellaneous—Voted	..	..	..	..	..	..	..	..	..	..
Total, 10. b. I. (1). F.—Voted ..	..	..	..	..	..	..	..	..	..	..
F-2 Miscellaneous—Charged	..	..	..	..	..	..	..	..	..	..
Grand Total—Voted	..	..	..	..	..	..	..	..	..	..

Summary of expenditure of different divisions during 1951-52—cont.

FOREST DEPARTMENT

Budget head. (1)	Bellary. (2) RS.	Cuddapah, North. (3) RS.	Total (4) RS.
BELLARY CIRCLE.			
10. b. Conservancy and Works—			
I. Ordinary areas—			
(ii) Post-War Reconstruction—			
A. Forest Reservation (including village forests)—			
Regeneration	703	4,624	5,327
Dearness allowance	1,104	377	1,481
Total	1,807	5,001	6,808

Budget head. (1)	Anantapur. (2) RS.	Bellary. (3) RS.	Caddapah, South. (4) RS.	Caddapah, North. (5) RS.	Total (6) RS.
BELLARY CIRCLE.					
10. b. Conservancy and Works—					
I. Ordinary Areas—					
(ii) Post-War Reconstruction—					
j. Panchayat Forests	23,235	11,314	2,793	3,927	41,169
Managed by Government	(a) + 1,490	..	..	..	(a) + 1,490
Total	24,725	11,314	2,793	3,927	42,659

Summary of expenditure of different divisions during 1951-52

Budget head. (1)	Chingleput. (9) RS.	Salem, South. (8) RS.	Salem, North. (7) RS.	Vellore, West. (6) RS.	Vellore, East. (5) RS.	Chittoor, West. (4) RS.	Chittoor, East. (3) RS.	Direction. (2) RS.	Total. (10) RS.
SALAM CIRCLE.									
10. b. Conservancy and Works—									
A. Forest produce removed by Government Agency—									
Timber	..	105	..	..	..	..	962	..	1,067
Firewood and charcoal	..	..	..	..	..	..	..	..	..
Bamboos	..	..	..	..	..	..	..	..	..
Sandalwood	..	..	..	..	..	..	..	..	..
Grass and other minor forest produce	..	..	..	..	..	..	..	..	..
Dearness allowance	..	..	..	..	..	..	..	..	..
Total, 10. b. I. A.	..	..	..	..	..	..	..	..	..
B. Timber and other produce removed by consumers and purchasers	..	..	..	..	..	..	..	..	..
Dearness allowance	..	..	..	..	..	..	..	..	..
House rent allowance to watchers	..	..	..	..	..	..	..	..	..
Total, 10. b. I. B.	..	..	..	..	..	..	..	..	..
C-1. Feed and upkeep of cattle	..	..	..	..	..	..	..	..	..
C-2. Renewals and replacement of stores	..	..	..	..	..	..	..	..	..
Dearness allowance	..	..	..	..	..	..	..	..	..
Total, 10. b. I. C.	..	..	..	..	..	..	..	..	..
D. Communications and Buildings—									
1. Roads and bridges	..	..	..	..	..	..	..	..	..
2. Buildings	..	..	..	..	..	..	..	..	..
Dearness allowance	..	..	..	..	..	..	..	..	..
Rates and taxes	..	..	..	..	..	..	..	..	..
Other works	..	..	..	..	..	..	..	..	..
Total, 10. b. I. D.	..	..	..	..	..	..	..	..	..
E. Conservancy and regeneration—									
1. Regeneration	..	..	..	..	..	..	..	..	..
Dearness allowance	..	..	..	..	..	..	..	..	..
2. Fire protection	..	..	..	..	..	..	..	..	..
3. Other works—Maintenance of boundaries	..	..	..	..	..	..	..	..	..
Other items	..	..	..	..	..	..	..	..	..
Total, 10. b. I. E.	..	..	..	..	..	..	..	..	..
F. Other charges—Honorary—									
Miscellaneous	..	..	..	..	..	..	..	..	..
Rates and taxes	..	..	..	..	..	..	..	..	..
Total, 10. b. I. F.	..	..	..	..	..	..	..	..	..
H. Suspense work advance	..	..	..	..	..	..	..	..	..
Total, A. to H.	..	..	..	..	..	..	..	..	..
Post-War Reconstruction—									
Extension of casuarina plantation	..	..	..	..	..	..	..	..	..
G. Panchayat forests managed by Government	..	..	..	..	..	..	..	..	..
Grand Total	..	..	..	..	..	..	..	..	..

(a) Wrongly booked by the Accountant-General under Scheduled Areas in 6/51 Summary.

Summary of expenditure of different divisions during 1951-52—cont.

COIMBATORE CIRCLE.

Budget head.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
10. b. Conservancy and Works—										
A. Forest produce removed by Government Agency—										
Timber	..	..	..	66	91,606	194	5,480	1,667	..	98,013
Firewood and charcoal	..	..	..	38,130	951	53	986	..	..	2,020
Sanitary wood	..	..	..	393	..	..	..	1,234	..	51,174
Dearness allowance	..	..	..	106	319	5,371	13,506	..	..	1,360
Gross and other minor forest produce	..	..	..	11,516	98,343	5,648	24,972	2,901	..	25,477
Total, A.	..	..	..	6,734	3,399	13,359	4,262	9,011	..	45,580
B. Timber and other produce removed by consumers and purchasers—										
Dearness allowance	..	..	..	10,354	4,337	17,738	4,675	12,395	..	60,343
House rent allowance	..	..	..	153	40	221	131	268	..	907
Total, B.	..	..	..	17,241	7,776	31,318	9,068	21,674	..	1,08,929
C-1. Feed and upkeep of cattle	..	..	..	..	68,684	..	..	..	..	68,684
Dearness allowance	..	..	..	..	11,691	..	..	..	..	11,691
Total, C-1	..	..	..	..	80,375	..	..	..	..	80,375
C-2. Renewals and replacement of stores tools and plant	..	..	..	517	3,598	354	193	353	..	5,217
D-1. Roads and bridges	..	..	..	30,017	31,206	2,173	940	14,026	..	1,78,666
D-2. Buildings and other works—										
Buildings	..	..	..	8,739	11,875	3,012	1,881	9,375	..	37,717
Dearness allowance	..	..	..	432	649	384	278	413	..	2,155
Rates and taxes	..	..	..	212	337	187	182	112	..	1,288
Other works	..	..	..	71	1,313	105	65	..	..	1,530
Total, D-2.	..	..	..	1,09,328	45,300	5,891	3,346	23,938	..	2,21,856
K-1. Regeneration	..	..	..	79	15,761	21,514	22,638	4,755	..	65,117
Dearness allowance	..	..	..	..	..	..	..	..	..	..
Total, E-1.	..	..	..	79	15,761	21,514	22,638	4,755	..	65,117
E-2. Fire protection	..	..	..	2,442	3,951	73	235	2,43	..	9,575
Dearness allowance	..	..	..	..	..	..	..	..	..	613
Total, E-2.	..	..	..	2,442	3,951	73	235	2,438	..	10,183
E-3. Other works—										
Maintenance of boundaries	..	..	..	..	262	27	27	139	..	423
Other items	..	..	..	2,981	402	..	..	50	..	3,691
Total E-3.	..	..	..	2,981	664	..	27	189	..	4,119
F. Other charges—										
Honouraria	..	..	..	100	..	..	..	..	..	100
Rates and Taxes	..	..	..	97	..	..	..	..	..	457
Miscellaneous	..	..	..	947	9,206	165	132	187	..	10,653
Working plan	..	..	..	..	..	..	..	..	..	..
Total, F.	..	..	..	1,144	9,206	428	261	187	..	11,270
H. Suspense—Works advances	..	..	..	..	474	— 359	— 164	25	..	— 24
Total, H.	..	..	..	..	474	— 359	— 164	25	..	— 24
Grand Total	1,44,003	..	..	95,508	3,41,506	64,835	60,576	56,448	..	6,32,938

FOREST DEPARTMENT

Summary of expenditure of different division during 1951-52—cont.

COIMBATORE CIRCLE.

	(1)	(2)	(3)	(4)
	RS.	RS.	RS.	RS.
Conservancy and Works—				
Ordinary areas—				
I. Post-War Reconstruction—				
(c) Extension of casuarina plantations—				
Forest produce removed by Government Agency	..	..	401	401
Forest produce removed by consumers and purchasers	..	10,735	..	10,735
Renewals and replacement of stores, tools and plant	..	183	..	183
Regeneration	..	14,094	34	14,128
Buildings and other works	..	5,850	..	5,850
Dearness allowance	..	17,882	..	17,882
Other charges—				
Miscellaneous	..	..	1,507	1,507
Total	..	50,652	34	50,686

Conservancy and Works—

Post-War Reconstruction—

Panchayat Forests managed by Government—

Expenses	1,206	211	224	500	126	2,267
Total	1,206	211	224	500	126	2,267

Summary of expenditure of different districts during 1951-52—cont.

OOTACAMUND CIRCLE.

Budget head.	Direction.	South Kanara.	Wynaad.	Nilambur.	Nilgiris.	Palghat.	Special A.C.F. Kozhikode (for M.P.P. Acc.).	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
20 b. Conservancy and Works—								
Timber	..	28,811	4,31,968	67,076	1,10,057	1,744	..	6,39,656
Firewood and charcoal ..	..	..	..	353	327	5,914	..	6,599
Bamboos	..	..	..	19,935	..	..	..	19,935
Sandalwood	..	..	..	..	7,872	..	..	7,784
Grass and other minor produce ..	..	109	3	..	109	..	..	109
Dearness allowance under 10. b. A. Forest produce removed by Government Agency.	..	1,101	3,510	2,213	279	..	..	7,103
B. Timber and other produce removed from the forest by consumers and purchasers	..	5,281	3,520	2,199	3,416	4,717	..	19,138
Dearness allowance under 10. B. Timber and other produce removed from the forests by consumers and purchasers	..	5,109	2,631	1,760	4,100	6,882	..	20,482
House rent allowances	..	137	60	35	123	157	..	512
C-1. Feed and upkeep of cattle	1,233	17,547	1,48,449	52,245	48,839	..	..	2,68,318
Dearness allowances under Feed and upkeep of cattle.	..	2,207	23,079	6,870	6,507	..	..	38,663
C-2. Renewals and replacement of stores, tools and plants.	..	467	12,574	6,013	5,417	10,912	..	35,383
Dearness allowance under renewals and replacement of stores, tools and plant.	..	..	50	..	..	..	..	50
D-1. Roads and bridges	..	1,733	20,371	16,012	6,603	41,079	..	85,798
D-2. Buildings	383	2,978	6,878	9,703	7,288	9,799	..	37,009
Dearness allowance under Buildings	..	216	..	880	..	215	..	2,175
Rates and taxes	..	605	..	116	2,794	..	..	3,815
Other works	..	178	.. 159	420	2,743	.. 99	..	3,599
E-1. Regeneration	..	31,739	33,847	32,137	65,627	9,882	..	1,72,732
Dearness allowance under Regeneration	..	..	..	..	..	..	..	..
E-2. Fire protection	..	5,896	6,135	9,808	3,850	4,344	..	30,033
Maintenance of boundaries ..	..	1,217	2,334	852	3,547	21	..	8,471
Other charges	..	..	..	..	..	..	..	..
Transfer of licence fee to the Nilgiris Game Association.	..	..	..	..	6,470	..	..	6,470
Honouraria	..	..	..	..	..	..	..	..
F. Rates and taxes	..	187	80	..	..	..	..	2,908
Dearness allowance	..	216	4,168	1,561	2,831	210	..	8,647
W. Miscellaneous—	..	..	..	..	..	..	..	216

Summary of expenditure of different districts during 1951-52—cont.

OOTACAMUND CIRCLE.

10. b. I. (ii) e. Forest Roads and Bridges—Post-War Reconstruction.

Budget head.	Nilambur.	Palghat.	Total.
(1)	(2)	(3)	(4)
	RS.	RS.	RS.
(ii) C. Roads and bridges—			
Post-War Reconstruction	10,188	43,304	53,492
Total ..	10,188	43,304	53,492

Budget head.
(1)Palghat.
(2)
Total.
(3)

OOTACAMUND CIRCLE.

b. I. (ii) Post-War Reconstruction—

Panchayat Forests managed by Government

	RS.	RS.
Panchayat Forests managed by Government	205	205
Total ..	205	205

Summary of expenditure of different divisions during 1951-52—cont.

Budget head.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	Remarks.
10. c. Establishment—											
I. Ordinary Areas—											
A. Pay of officers	9,250	2,100	1,500	12,033	3,960	5,973	1,750	10,097	46,863		
B. Pay of Establishment—											
Permanent				2,673	30,345	52,457	8,356	24,373	1,36,553		
Temporary	3,363	13,166	9,655	4,425	1,661	4,829	3,913	9,134	50,131		Includes Rs. 1,228 chenchu expenditure in Guntur.
Total, 10. c. I. (i) B.	3,363	13,166	12,323	27,804	32,006	57,286	7,269	33,507	1,86,764		
C. Allowances—											
Travelling Allowance			5,820	2,865	10,094	17,171	12,493	2,135	9,176	62,133	Includes Rs. 130 chenchu expenditure in Guntur.
Fixed Travelling Allowance			264	204	1,117	3,044	173	2,384	8,074		
Other Compensatory Allowance			1,123	979	2,243	3,159	633	2,017	12,877		
Dearness Allowance			2,105	8,730	15,993	32,274	4,146	17,130	1,01,880		Includes Rs. 1,012 chenchu expenditure in Guntur.
Total, 10. c. I. (i) C.	5,607	12,142	12,868	29,004	38,534	50,870	7,092	30,707	1,84,914		
D. Contingencies—											
Service postage				650	1,303	1,750	2,356	601	1,655	9,157	Includes Rs. 60 chenchu expenditure in Guntur.
Pay of menials					133	409	31	190	898		
Dearness Allowance to menials					200	538	38	420	1,435		
Tour charges					62	1,677	72	380	2,652		
Office expenses					103	383	1,772	307	3,761		
Rates and Taxes						3	—	14	14		
Apparatus and Materials					273	497	—	128	1,091		
Other charges					181	3,627	272	2,228	10,360		Includes Rs. 2,921 chenchu expenditure in Guntur.
Total, 10. c. I. (i) D.	1,553	136	998	6,191	4,667	9,036	2,782	5,343	29,378		

FOREST DEPARTMENT

Summary of expenditure of different divisions during 1951-52—cont.

Budget head.	Guntur.	Nellore North.	Nellore South.	Total.
(1)	(2)	(3)	(4)	(5)
	RS.	RS.	RS.	RS.

KAKINADA CIRCLE—cont.

10. c. Establishment—				
I. Ordinary Areas—				
II. Post-War Reconstruction B. Extension of casuarina plantations—				
1. Pay of Officers	3,284	2,860	9,485	15,429
2. Pay of Establishment				
3. Allowances—				
Travelling allowance and other compensatory	764	1,226	2,264	4,254
Dearness allowance	1,604	1,350	4,925	7,879
Total, 10. c. I. (ii) B. 3	2,368	2,576	7,189	12,133
4. Other charges—				
Dearness allowance to menials		79	241	320
Other charges	17	131	312	460
Total, 10. c. I. (ii) B. 4	17	210	553	780
Total, 10. c. I. (ii) B.	5,669	5,446	17,227	28,342

Budget head.	Visakhapatnam South.	Guntur.	Nellore North.	Nellore South.	Total.
(1)	(2)	(3)	(4)	(5)	(6)
	RS.	RS.	RS.	RS.	RS.

KAKINADA CIRCLE.

10. c. Establishment—					
I. Ordinary Areas—					
Post-War Reconstruction—Panchayats managed by Government—					
Pay of Establishment	956	14,756	6,309	20,400	42,421
3. Allowances—					
Travelling allowance including Fixed Travelling Allowance and Other Compensatory Allowance	42	2,887	1,247	3,657	7,833
Dearness Allowance	842	9,087	4,031	13,186	27,196
Total	884	11,974	5,328	16,843	35,029
4. Other charges—					
Pay of menials			30	190	220
Dearness Allowance to menials			54	342	396
Other charges		415	30	25	470
Total		415	114	557	1,086
Grand Total, 10. c. I. (ii) F. Voted	1,840	27,145	11,751	37,800	78,536

Summary of expenditure of different divisions during 1951-52—cont.

Budget head.	Direction.	Visakha- patnam North.	Visakha- patnam South.	Godavari Lower.	Godavari Upper.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	RS.	RS.	RS.	RS.	RS.	RS.
KAKINADA CIRCLE—cont.						
10. c. Establishment—cont.						
II. Scheduled Areas—						
A. Pay of Officers ..	..	..	..	..	3,969	3,969
B. Pay of Establishment—						
Permanent	9	150	13,648	27,250	54,738	95,685
Temporary	..	294	239	4,325	51	4,909
Total, 10. c. II. B. ..	9	444	13,782	31,575	54,784	1,00,594
C. Allowances—						
Travelling allowance ..	..	..	1,603	5,593	11,912	19,108
Fixed travelling allowance.	..	8	866	2,281	3,208	6,423
Other compensatory allow- ance	..	8	251	862	2,318	3,439
Dearness allowance ..	2	351	7,700	16,051	25,564	49,728
Total, 10. c. II. C. ..	2	367	10,480	24,787	43,062	78,696
D. Office contingences—						
Service postage	..	..	100	..	1,703	1,803
Pay of menials	..	..	..	..	222	222
Dearness allowance to menials	..	..	..	..	732	732
Tour charges	..	..	43	34	568	645
Office expenses	..	..	37	378	348	763
Apparatus and materials .	..	..	..	..	290	290
Other charges	..	..	28	136	511	675
Total, 10. c. II. D. ..	..	..	208	548	4,374	5,130
Total, 10. c. II.—Voted ..	11	811	24,470	56,910	1,04,189	1,86,381

Summary of expenditure of different divisions during 1961-62—Contd.

Summary of												
BELLARY CIRCLE.												
Budget head.	Direction.	Bellary.	Anantapur.	Kurnool East.	Kurnool West.	Cuddapah South.	Cuddapah North.	Total.				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Rs.	(9)	Rs.		
10. c. Establishment—												
I. Ordinary areas—												
(1) Excluding Post-War Reconstruction—												
A. Pay of Officers (Voted)	25,433	11,155	2,415	7,900	3,600	8,934	4,580	63,952	2,45,138	49,873	2,95,011	
B. Pay of Establishment—												
Permanent	11,238	14,143	10,194	50,879	55,056	57,635	45,893	241	468			
Temporary	1,507	30,632	14,045	633	2,327							
			24,239	51,612	57,393	57,876	46,361					
Total, 10. C. (I) I. B.	12,745	44,795										
C. Travelling allowance	3,429	7,562	5,080	9,237	12,240	14,946	6,980					
Fixed travelling allowance	..	2,296	1,069	2,813	3,930	2,399	2,113					
Other compensatory allowance	1,238	2,709	1,316	2,236	2,605	2,993	2,169					
Dearness allowance	5,272	26,774	14,280	27,731	28,121	30,994	25,141					
				42,067	46,896	51,332	36,403					
Total, 10. C. I. (I)	9,939	39,641	21,745									
Service postage	1,451	1,473	1,221	1,757	1,950	1,697	1,550					
Pay of menials	230	628	307	420	524	406	498					
Dearness allowance to menials	323	943	585	710	868	751	1,403					
Tour charges	530	230	145	223	295	303	162					
Office expenses	56	176	212	413	198	263	283					
Rates and taxes	503	2	12	..	60	89	9					
Apparatus and materials	6	..	118	..	241	702	235					
Other charges	76	3,576	615	103	316	1,111	319					
				3,628	4,452	5,322	4,459					
Total, 10. C. I. (I)	8,175	7,618	3,095	1,05,104	1,12,331	1,23,514	91,788					
Grand total	..	1,02,809	51,495									

Summary of expenditure of different divisions during 1951-52—cont.

BELLARY CIRCLE—cont.				
Budget head.	Bellary.	Cuddapah North.	Bellary Circle.	
(1)	(2)	(3)	(4)	
	RS.	RS.	RS.	
10. c. Establishment—cont.				
I. Ordinary Areas—cont.				
ii. Post-War Reconstruction—				
A. Forest Reservations (including Village Forests)—				
B. 1. Pay of Officers—				
Pay of Establishments	1,028	1,170	2,198	
Travelling allowance, fixed travelling allowance and other compensatory allowances.	42	379	421	
Dearness allowance	1,029	661	1,690	
Total ..	2,099	2,210	4,309	

Budget heads.	Bellary.	Anantapur.	Cuddapah North.	Cuddapah South.	Bellary Circle.
(1)	(2)	(3)	(4)	(5)	(6)
	RS.	RS.	RS.	RS.	RS.
BELLARY CIRCLE.					
10. c. Establishment—cont.					
I. Ordinary Areas—cont.					
ii. Post-War Reconstruction—cont.					
J. Panchayat Forests managed by Government—					
1. Pay of Officers	5,577	2,258	..	..	7,835
2. Pay of Establishments	10,393	31,900	3,514	6,522	61,819
3. Travelling allowance including fixed travelling allowance and other compensatory allowance	5,464	9,033	379	1,893	16,769
Dearness allowance	11,761	18,707	2,403	3,849	36,720
4. Pay of menials	247	391	..	70	708
Dearness allowance to menials	373	781	..	209	1,363
Other charges	2,713	3,736	..	268	6,717
Total ..	45,528	66,806	6,296	12,811	1,31,441

FOREST DEPARTMENT

Budget head.	Direction.	Chittoor East.	Chittoor West.	Vellore East	Vellore West.	Salem North.	Salem South.	Chingleput.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
D. c. Establishment—									
I. Ordinary Areas—									
A. Pay of Officers—Voted	.. ..	5,889	2,150	7,260	4,080	4,397	8,763	..	51,943 (+) 2,004
	Total, A. ..	5,339	2,180	7,260	4,080	4,379	8,763	..	53,952
B. Pay of Establishment—Voted—									
Permanent	11,916	33,460	7,342	46,401	49,648	53,313	56,654	6,428	2,65,162
Temporary	13,14	15,201	5,740	3,791	6,479	1,778	2,225	1,074	37,399
	Total, B. ..	48,661	13,082	50,192	56,127	55,091	58,872	7,502	2,02,767
C. Allowances and Honoraria—									
Travelling allowance—Voted	4,824	12,303	4,157	9,444	7,829	10,363	11,506	1,270	61,890
Fixed travelling allowance ..	.. ..	2,705	470	2,683	3,102	3,832	2,874	575	15,741
Other compensatory allowance ..	1,314	791	191	2,845	1,742	1,429	3,377	145	14,533
Dearness allowance	6,046	26,586	7,172	27,602	25,845	29,179	33,159	4,767	1,61,756
	Total, C. ..	44,471	12,590	42,574	38,312	44,503	59,916	6,760	2,53,910
D. Contingencies—Voted—									
Service postage and telegram charges	1,401	1,952	600	1,751	1,249	1,952	2,301	..	11,206
Pay of menials	136	184	12	244	120	388	769	..	1,823
Dearness allowance to menials	216	214	..	422	216	576	1,286	..	2,930
Tour charges	398	359	32	130	109	186	253	..	1,497
Office expenses	391	358	225	275	103	273	359	..	1,992
Rates and taxes	395	..	..	278	45	..	339	..	1,057
Apparatus and materials	..	232	40	..	146	..	43	..	643
Other charges	128	804	1,692	217	212	219	565	29	3,861
	Total, D. ..	4,103	2,601	3,317	2,200	3,786	5,913	37	24,932
	Total, A, B, C and D	1,08,124	30,453	1,03,343	1,00,719	1,07,777	1,24,474	14,399	6,34,651
Post-War Reconstruction—									
D. Extension of casuarina plantations .. ..	.. ..	..	..	..	..	..	..	76,579	76,579
H. Panchayat forests .. ..	.. ..	19,177	800	14,406	5,130	529	4,866	20,777	65,197
	Grand total	1,22,301	31,253	11,7749	1,05,839	1,08,308	1,28,840	1,11,677	7,76,427

Summary of expenditure of different divisions during 1951-52—cont.

Budget head.	COIMBATORE CIRCLE.							Total.
	Direction.	Kollegal.	Coimbatore, North.	Coimbatore, South.	Madurai East.	Madurai West.	Tirunelveli.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
20. e. Establishment—								
I. Ordinary Areas—								
A. Pay of Officers—Voted	25,500	4,560	4,560	19,020	17,515	8,811	4,560	84,526
B. Pay of Establishment—								
Permanent	10,384	41,424	51,546	59,243	48,120	12,993	44,329	2,63,654
Temporary	..	3,836	316	9,614	15,043	10,566	82	39,957
C. Allowances and Honoraria—								
Dearness allowance	4,494	24,717	26,565	31,916	35,344	13,269	24,583	1,60,888
Travelling allowance	5,880	9,428	8,436	20,857	13,814	8,952	7,362	74,729
Fixed travelling allowance	..	3,494	4,290	4,027	2,953	1,276	1,634	17,674
Other compensatory	2,334	1,435	2,010	2,703	4,915	3,017	2,157	18,606
D. Contingencies—								
Rates and taxes	..	96	4	1,598	..	..	..	1,698
Apparatus and materials	..	163	161	2,455	87	134	..	3,900
Service postage and telegram charges	1,801	1,050	1,500	2,003	2,606	1,100	1,791	11,856
Pay of menials	96	228	308	894	197	..	120	1,343
Dearness allowance to menials	..	432	432	429	314	..	216	1,823
Tour charges	495	389	227	172	428	219	397	2,237
Office expenses	284	352	371	993	203	60	348	2,721
Other charges	14	171	160	4,367	433	1,166	545	6,861
Total	51,892	94,775	1,01,386	1,59,805	1,42,082	61,563	88,064	6,96,570

FOREST DEPARTMENT

Summary of expenditure of different divisions for 1951-52—cont.

Summary of expenditure of				Tiruchirappalli.	Madurai, East.	Total.
Budget head.				RS.	RS.	RS.
(1)				(2)	(3)	(4)
COIMBATORE CIRCLE—cont.						
C. Establishment—						
I. Ordinary areas—						
(ii) Post-War Reconstruction—						
(C) Extension of Casuarina Plantations—						
1. Pay of officers	..	..	..	13,493	600	14,093
2. Pay of establishment	..	..	..	52,682	759	53,441
3. Allowances—						
Travelling and other compensatory allowances.				16,840	532	17,372
Dearness allowance	..	..	..	29,115	475	29,590
4. Other Charges—						
Dearness allowance to menials	..	..	..	901	..	901
Other charges	..	..	..	7,248	11	7,259
Apparatus and materials	..	..	..	133	..	133
Total	..			1,20,412	2,377	1,22,789

COIMBATORE CIRCLE—cont.						
Budget head.	Coimbatore, North.	Coimbatore, South.	Madurai, East.	Tirunelveli.	Tiruchirappalli.	Total.
RS.	RS.	RS.	RS.	RS.	RS.	RS.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
I. C. Establishment—cont.						
I. Ordinary areas—cont.						
(ii) Post-War Reconstruction—cont.						
(H) Panchayat Forests managed by Government—						
1. Pay of officers	..	..	..	..	..	..
2. Pay of establishment.	809	240	173	354	76	1,652
3. Allowances—						
Travelling allowance including fixed travelling allowance and other compensatory allowances	41	12	7	17	..	77
Dearness allowance	728	216	156	291	66	1,457
4. Other charges	..	..	..	..	..	1
Total	1,577	468	336	662	142	3,187

Summary of expenditure of different districts for 1951-52.

Budget head.	Direction.	South Kanara.	Wynaad.	Nilambur.	Nilgiris.	Palghat.	Special Assistant Conservator of Forests, Kozhikode for M.P.F.F. Act.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
10. c. Establishment—								
A. Pay of Officers—Voted	..	13,100	14,792	9,920	5,777	4,738	3,600	80,347
B. Pay of Establishment—Voted—								
Permanent	14,239	84,052	74,200	53,357	46,240	42,050	..	3,14,183
Temporary	1,033	4,209	13,717	4,013	14,344	7,061	28,395	73,472
C. Allowances and Honoraria—								
Travelling allowances—Voted	7,903	16,151	21,500	9,502	10,093	7,879	10,575	83,613
Fixed travelling allowances ..	..	6,302	6,410	3,758	3,963	3,106	2,373	25,915
Other compensatory allowances ..	2,986	3,777	1,537	760	10,181	1,887	1,032	22,160
Dearness allowance	6,063	48,219	36,615	26,363	31,040	23,664	10,377	1,82,351
Service postage and telegram charges	1,201	2,101	3,001	1,091	1,490	1,300	300	10,434
Pay of menials	96	178	348	438	239	157	84	1,540
Dearness allowance to menials	..	..	..	..	..	..	..	1,832
Tour charges	..	214	432	541	430	215	..	739
Office expenses	399	101	116	62	39	6	16	2,208
Rates and taxes	428	254	211	312	158	461	384	515
Apparatus and materials	163	..	..	..	55	43	249	506
Other charges	..	275	..	..	..	231	..	6,050
	961	294	293	3,897	516	55	34	
Total	63,902	1,79,227	1,73,172	1,14,019	1,24,770	92,858	58,422	8,06,370

Summary of expenditure of different districts for 1951-52—cont.

Budget head.	Nilambur.	Palghat.	Total.
(1)	(2)	(3)	(4)
RS.	RS.	RS.	RS.
OOTACAMUND CIRCLE—cont.			
c. Establishment—cont.			
(ii) D. Forest Roads under Post-war Reconstruction—			
Pay of Officers—Voted	..	..	..
Pay of Establishment—Voted—			
Temporary	1,850	1,551	3,401
Allowances and Honoraria—			
Travelling Allowance	97	36	133
Fixed Travelling Allowance	338	369	707
Other Compensatory Allowances ..	19	— 36	— 17
Dearness Allowance	802	577	1,379
Other Charges	..	..	..
Total	3,106	2,497	5,603

Budget head.	Palghat.	Total.
(1)	(2)	(3)
RS.	RS.	RS.
OOTACAMUND CIRCLE—cont.		
c. Establishment—cont.		
(ii) F. Post-war Reconstruction—		
Forest Panchayat Forests Managed by Government—		
Pay of Officers—Voted—		
Pay of Establishment—Voted	140	140
Temporary	..	..
Allowances and Honoraria—		
Travelling allowance including Fixed travelling allowance and other Compensatory allowances.	2	2
Dearness Allowance	126	126
Total	268	268

FORM No. 38.

Revenue realized and outstandings on account of revenue during the year 1951-52.

Circle.	(1)	Particulars.	(2)	(3)		(4)		(5)		Total.	Amount realized during the year.	(6)		Balance due to the department at the end of the year.	(7)	
				RS.	A. P.	RS.	A. P.	RS.	A. P.			RS.	A. P.		RS.	A. P.
Kakinada	..	Timber and other produce ..	..	10,34,827	0 0	34,34,732	0 0	44,69,509	0 0	..	34,45,285	0 0	0 0	10,24,324	0 0	0 0
Bellary	..	Do.	..	5,37,130	5 7	28,32,484	14 5	31,69,615	0 0	..	23,38,666	0 0	0 0	3,30,948	14 0	0 0
Salem	..	Do.	..	5,00,131	0 0	34,35,715	0 0	39,35,844	0 0	..	32,09,549	0 0	0 0	7,76,295	0 0	0 0
Coimbatore	..	Do.	..	11,72,388	0 0	29,940	0 0	29,940	0 0	..	29,940	0 0	0 0	15,93,118	0 0	0 0
Ootacamund	..	Do.	..	19,73,280	14 7	47,73,810	0 0	59,46,188	0 0	..	43,53,470	0 0	0 0	15,11,288	12 9	0 0
	..	Grand total for the five territorial circles ..	..	52,17,707	4 2	2,10,34,030	12 10	2,62,54,738	1 0	..	2,02,15,763	6 3	80,35,974	10 9	0 0	0 0
	..	Refunds in Kakinada Circle ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	Refunds in Bellary Circle ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	Refunds in Salem Circle ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	Refunds in Coimbatore Circle ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	Refunds in Ootacamund Circle ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Salem Circle—

Add—Revenue of this circle realised in other circles—

Deduct—Revenue of other circles realised in this circle

Coimbatore Circle—

Includes ..

Do. ..

Do. ..

Do. ..

Do. ..

Do. ..

Do. ..

Do. ..

Do. ..

Do. ..

Do. ..

Do. ..

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Do. ..

Do. ..

Do. ..

Do. ..

Do. ..

Financial results of the year 1951-52—cont.

EXPLANATORY REMARKS.

Kakinada Circle—

Amount of revenue as per Form No. 36	RS.	RS.
Add revenue of this circle realised in Salem Circle	22	34,34,368
Do. in Coimbatore Circle	3	
Total	25	
Deduct revenue relating to Bellary Circle	359	
Do. to Salem Circle	1,593	
Total	1,952	(—) 1,927

Revenue as per this statement

34,32,438

Bellary Circle—

Amount of revenue in Bellary Circle	RS.	RS.
Add revenue relating to other Circles realised in this Circle	75	22,56,673
Deduct revenue realised in other Circles relating to this Circle	5,846	(—) 5,771
Revenue as per this statement		22,50,902

Salem Circle—

Amount of revenue as per Form No. 36	RS.	RS.
Add revenue of this Circle realised in other Circles	1,883	32,14,596
Deduct revenue of other Circles realised in this Circle	29,949	
Do. Refunds	5,047	(—) 33,113
Total	34,996	

Revenue as per this statement

31,81,488

Coimbatore Circle—

Amount of revenue as per Form No. 36	RS.	RS.
Add revenue of this Circle realised in Salem Circle	24,809	43,59,499
Do. in Working Plan Circle	3	
Do. in Ootacamund Circle	17,564	
Do. in Forest Utilization Officer's Division	76,233	
Total	1,18,609	

Deduct revenue relating to Salem Circle	22	
Do. to Ootacamund Circle	1,30,628	
Do. to Bellary Circle	4	
Do. to Kakinada Circle	3	
Do. to Provincial Silviculturist Division	6	(—) 12,064

Total

1,30,663

Revenue as per this statement

43,47,444

Financial results of the year 1951-52—cont.

EXPLANATORY REMARKS—cont.

Ootacamund Circle—

Amount of revenue as per Form No. 36	RS.	RS.
Add revenue realized in Forest Utilization Officer's Division	7,24,674	60,59,487
Do. in Working Plan Circle	18	
Do. in Coimbatore Circle	1,30,628	
Do. in Salem Circle	69	
Do. in Provincial Silviculturist Division	4	
Total	8,55,393	

Deduct revenue relating to Coimbatore Circle	17,564	
Do. Salem Circle	1	
Do. Provincial Silviculturist Division	6	
Total	17,571	(+) 8,27,822

Revenue as per this statement

68,97,309

ABSTRACT FOR THE STATE.

	Receipts. RS.	Charges. RS.
Total for the five circles	2,01,09,576	72,23,944
Chief Conservator of Forests, Madras	6,10,885	2,01,476
Forest Utilization Officer, Madras	42,187	30,888
Provincial Silviculturist, Ootacamund	21,985	1,03,081
Working Plan Circle, Ootacamund	344	..
Special Forest Circle, Madras	..	30,741
Special Chenchu Officer, Kurnool	..	68,652
General Direction	..	1,45,373
Post-war Reconstruction	..	2,07,785
Expenditure in England	..	271
Total	2,07,84,977	80,12,211

Financial results of sleeper operations for the year ending 31st March 1952.

Divisions.	Opening stock.			Yield during the year.			Expenditure.		Average cost of production for B.G. unit.
	B.G.	M.G.	Value of cost of production.	Logs utilized.	B.G.	M.G.	Other materials.	Exploitation.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(11)
	NO.	NO.	RS.		NO.	NO.		RS.	(12)
Coimbatore, South	472	370	12,834	..	..	..	..	..	RS. A. P.
	Spl. 76	90							..

Total number of sleepers			Revenue.			Closing stock.			Value of cost of production.
B.G.	M.G.	Total value of cost of production including overheads.	Number sold.		Amount realized.	Quantity.			
			B.G.	M.G.		B.G.	M.G.		
(13)	(14)	(15)	(16)	(17)	(18)	(20)	(21)	(22)	
NO.	NO.	RS.	NO.	NO.	RS.	NO.	NO.	RS.	
472	370	12,834	472	370	14,074	..	..	196	
Spl. 76	90		76	90				Pending	
..	..								
Coimbatore South									

Average cost of production per B.G. unit.		
1949-50.	1950-51.	1951-52.
RS. A. P.	RS. A. P.	RS. A. P.
15 2 8	15 4 9	No sleeper operations.

Coimbatore, South

Financial results of departmental timber operations in major timber divisions for the year ending 31st March 1952.

Name of division.	Species.	Opening stock.			Yield during the year.			Expenditure on			Revenue realized.			Closing stock.		Profit.
		Quantity. (3)	Value of production. (4)	Cost of production per cubic foot. (9)	Total quantity. (6)	Exploitation. (7)	Overheads. (8)	Quantity sold. (10)	Amount realized. (11)	Selling price per cubic foot. (12)	Quantity. (13)	Value of cost of production. (14)	Total. (15)	Per cubic foot. (16)		
(1)	(2)	C. FT.	RS.	C. FT.	C. FT.	RS.	RS.	RS. A. P.	C. FT.	RS.	RS. A. P.	C. FT.	RS.	RS. A. P.	RS.	RS. A. P.
South Kanara ..	Timber	84,251	1,07,947	66,944	151,195	49,666	30,464	1 3 2	103,773	4,51,600	4 2 10	42,422	50,818	3,14,341	2 14 6	
	Sawn sizes	1,790	5,221	..	1,790	..	..	..	1,790	6,332	3 13 1	..	..	1,611	0 14 5	
Wynaad ..	Timber	129,445	1,49,671	423,655	553,100	6,09,563	46,285	1 8 9	375,095	21,01,565	6 1 3	178,005	2,75,351	16,07,141	4 9 9	
Mithambur ..	Do.	235,033	1,47,701	257,588	522,621	1,09,788	33,255	0 8 11	233,852	11,86,791	6 2 5	258,769	1,60,929	10,57,028	4 9 5	
	Do.	71,338	10,775	18,342	89,680	1,744	..	0 1 6	81,017	24,939	0 5 9	8,663	912	13,232	0 3 1	
	Do.	40,412	77,246	107,962	1,48,374	1,63,644	12,990	1 10 2	92,798	6,33,885	7 0 2	55,376	90,890	4,75,895	5 3 6	
	Do.	440,818	1,65,307	287,000	727,918	94,364	42,951	0 7 8	266,481	8,00,985	3 0 1	458,044	2,19,479	7,17,842	2 11 0	
Coimbatore, South.	Total	1,033,057	6,63,868	1,161,491	2,194,578	10,28,719	1,65,935	..	1,159,806	52,11,597	..	1,031,479	7,98,279	41,87,088	..	

Average cost of production per cubic foot.			Average selling price per cubic foot.		
1949-50.	1950-51.	1951-52.	1949-50.	1950-51.	1951-52.
RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
0 11 24	1 4 6	1 3 2	1 11 8	2 7 3	4 2 10
2 5 11	2 14 8	..	2 14 0	3 6 9	3 13 1
1 3 4	1 2 6	1 8 9	5 1 5	4 2 11	6 1 3
0 6 6	0 8 11	0 8 11	2 8 1	3 14 0	5 2 5
0 2 11	0 2 5	0 1 6	0 13 2	0 11 4	0 5 9
..	1 14 7	1 10 2	..	5 7 0	7 0 2
0 11 6	0 6 0	0 7 8	4 12 7	4 6 0	3 0 1

South Kanara
 South Kanara Sawn sizes
 Wynaad
 Nilambur
 Palghat
 Nilgiris
 Coimbatore, South

Financial results of sandalwood operations in major sandalwood divisions for the year ending 31st March 1952.

Name of division.	Opening stock.			Value of cost of production including overheads.			Yield of cleaned wood in the year.			On exploitation.			Overheads.			Total.			Average cost of production in each division per ton.			Total stock.		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Coimbatore, North	TON. Q. LB.	TON. Q. LB.	RS.	TON. Q. LB.	RS.	TON. Q. LB.	TON. Q. LB.	RS.	TON. Q. LB.	RS.	TON. Q. LB.	TON. Q. LB.	RS.	TON. Q. LB.	RS.	TON. Q. LB.	TON. Q. LB.	RS.	TON. Q. LB.	TON. Q. LB.	RS.	TON. Q. LB.	TON. Q. LB.	RS.
	95 5 3	25,952	214 21 27	35,457	28,553	64,010	299 0 0	309 27 2	299 0 0	309 27 2	299 0 0	309 27 2	299 0 0	309 27 2	299 0 0	309 27 2	299 0 0	309 27 2	299 0 0	309 27 2	299 0 0	309 27 2	299 0 0	309 27 2
	26 13 8	14,836	70 2 26	13,522	20,354	33,876	484 0 0	96 10 6	484 0 0	96 10 6	484 0 0	96 10 6	484 0 0	96 10 6	484 0 0	96 10 6	484 0 0	96 10 6	484 0 0	96 10 6	484 0 0	96 10 6	484 0 0	96 10 6
	*1 13 10	888	380 15 3	63,772	69,508	1,33,278	466 0 0	77 71 24	466 0 0	77 71 24	466 0 0	77 71 24	466 0 0	77 71 24	466 0 0	77 71 24	466 0 0	77 71 24	466 0 0	77 71 24	466 0 0	77 71 24	466 0 0	77 71 24
Coimbatore, North	TON. Q. LB.	TON. Q. LB.	RS.	TON. Q. LB.	RS.	TON. Q. LB.	TON. Q. LB.	RS.	TON. Q. LB.	RS.	TON. Q. LB.	TON. Q. LB.	RS.	TON. Q. LB.	RS.	TON. Q. LB.	TON. Q. LB.	RS.	TON. Q. LB.	TON. Q. LB.	RS.	TON. Q. LB.	TON. Q. LB.	RS.
	89,962	7,57,195	3,725	72 37 4	21,667	6,88,900	3,426	3,426	3,426	3,426	3,426	3,426	3,426	3,426	3,426	3,426	3,426	3,426	3,426	3,426	3,426	3,426	3,426	3,426
	43,712	2,43,565	3,725	21 3 21	10,137	2,05,040	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241
	36,280	2,49,749	3,783	10 37 23	4,833	31,397	3,317	3,317	3,317	3,317	3,317	3,317	3,317	3,317	3,317	3,317	3,317	3,317	3,317	3,317	3,317	3,317	3,317	3,317
Total ..		1,74,954	12,50,509	103 78 20	36,737	9,25,337	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Coimbatore, North
Kollegal
Salem, NorthAverage cost of production per ton.
1949-50. 1950-51. 1951-52.
RS. RS. RS.
599 273 289
314 307 484
442 400 400Average selling price per ton.
1949-50. 1950-51. 1951-52.
RS. RS. RS.
3,414 3,732 3,725
3,414 3,732 3,725
3,414 3,732 3,725

Remarks.

Quantity sold.
TON. Q. LB.
227 45 23
71 65 15
.. ..
.. ..Profit.
Per ton of final cleaned wood.
Total.
RS. RS.
3,426 3,426
3,241 3,241
3,317 3,317
.. ..

FORM NO. 40.

Part I.

Statement of live-stock during the year 1951-52.

Division.	On hand at the commencement of the year.		Number received during the year.	Number disposed of during the year.	On hand at the close 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.
KAKINADA CIRCLE.							
(1) ELEPHANTS.							
davari, Lower ..	1	6,500	..	1	..	..	1,609 0
(2) OTHER LIVESTOCK.							
Nil.							
BELLARY CIRCLE.							
(1) ELEPHANTS.							
Nil.							
(2) OTHER LIVESTOCK.							
antapur ..	1	36	1	Nil.	2	133	150 0 0
SALEM CIRCLE.							
Nil.							
COIMBATORE CIRCLE.							
(1) ELEPHANTS.							
mbatore South Division	27	2,15,700	9	3	33	1,96,500	79,515 10 6
(2) OTHER LIVESTOCK.							
mbatore North Division	5	115	..	..	5	115	..
OOTACAMUND CIRCLE.							
(1) ELEPHANTS.							
th Kanara ..	8	58,500	..	3	5	29,000	19,753 13 0
naad ..	58	2,95,900	35	10	77	4,06,700	1,59,925 2 0
mbur ..	16	1,25,100	..	1	15	1,29,500	54,998 14 0
girls ..	25	1,67,710	13	16	22	1,17,400	48,868 7 10
section ..	..	..	..	..	..	..	1,238 0 6
Total ..	107	6,47,210	48	36	119	6,82,600	2,84,784 6 1
(2) OTHER LIVESTOCK.							
mbur ..	4	1,050	2	..	6	1,710	5,050 1 7
Nilgiris ..	2	700	..	..	2	700	2,131 3 11
Total ..	6	1,750	2	..	8	2,410	7,181 5 6
ABSTRACT.							
(1) ELEPHANTS.							
al for the State.	135	8,69,410	57	40	152	8,79,100	3,65,909 0 7
(2) OTHER LIVESTOCK.							
al for the State.	12	1,901	3	..	15	2,658	7,331 5 6

Part II.

Particulars of livestock gone off the list during the year 1951-52

Name. (1)	When purchased or otherwise obtained by Government. (2)	Age years. (3)	How disposed of. (4)	Remarks. (5)
KAKINADA CIRCLE.				
GODAVARI LOWER DIVISION.				
Shakuntala	..	..	Transferred to Wynaad Division—vide G.O.P. Rt. No. 47/50, dated 17th January 1951. The elephant was entrained on 3rd July 1951.	Valued Rs. 6,500.
BELLARY CIRCLE.				
Nil.				
SALEM CIRCLE.				
Nil.				
COIMBATORE CIRCLE.				
COIMBATORE SOUTH DIVISION.				
Vijayan	Captured on 24 July 1946	22	Sold in auction on 30th May 1951.	Valued Rs. 12,300.
Vimala	Captured on 8th August 1950	30	Do.	Rs. 5,100.
Bheema	By transfer from Nilambur Division.	32	Died on 2nd May 1951	Rs. 17,000.
OOTACAMUND CIRCLE.				
NILGIRIS DIVISION.				
Naga	Captured on 5th January 1951.	7	Sold on 30th May 1951.	Valued Rs. 11,300.
Kanaka	Do. 31st January 1951.	6	Do.	Rs. 9,500.
Victor	Do. do.	2	Do.	Rs. 5,300.
Vijay	Do. 10th February 1951.	5	Do.	Rs. 5,500.
Ganesh	Do. 19th March 1951.	14	Do.	Rs. 4,100.
Bahadur	Do. do.	24	Do.	Rs. 4,400.
Gajalakshmi	Do. 20th March 1951.	8	Do.	Rs. 6,500.
NILAMBUR DIVISION.				
Prince	Captured on 15th February 1951.	8	Sold on 30th May 1951.	Rs. 7,400.
WYNAAD DIVISION.				
Gupta	Captured on 23rd November 1950.	6	Sold on 30th May 1951 ..	Valued Rs. 10,400.
Pavithram	Do. 11th January 1951 ..	6	Do.	Rs. 9,800.
Damodaran	Do. 12th February 1951 ..	3	Do.	Rs. 5,000.
Vanarajah	Do. 19th February 1951.	6	Do.	Rs. 9,000.
Gajakumar	Do. 11th March 1951 ..	9	Do.	Rs. 6,5
Damayanthi	Do. 2nd March 1951 ..	2	Do.	Rs. 3,2
Rajagopal	Do. 28th March 1951 ..	24	Died on 2nd October 1951.	
Balli	Do. 21st January 1952 ..	4	Do. 22nd February 1952.	
Panikkar	Do. 17th March 1951 ..	24	Do. 29th November 1951.	
Gajarajan	Do. 19th March 1951 ..	18	Do. 6th December 1951.	
Sri Devi	Do. 19th March 1951 ..	3	Do. 13th May 1951.	

FORM No. 41.

Abstract showing the value of stores and plants for the year 1951-52.

Circle.	On hand at the commencement of the year.		Additions and exclusions during the year.		On hand at the close of the year.		Difference in value.	
	No.	Value.	No.	Value.	No.	Value.	In favour of the year.	Against the year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		RS.		RS.		RS.	RS.	RS.
Kakinada	22,120	2,88,088	+ 1,497	+ 17,999	22,131	2,93,562	5,474	..
Bellary	14,047	94,535	— 1,486	— 12,525	22,481	1,33,115	38,580	..
Salem	28,436	1,34,795	+ 4,030	+ 16,057	28,860	1,44,696	9,901	..
Coimbatore	30,919	2,09,049	— 4,197	— 7,050	25,711	1,91,076	..	17,973
Ootacamund	21,095	2,35,053	+ 18	+ 9,545	21,113	2,45,198	9,545	..
Provincial Silviculturist ..	17,681	20,518	+ 9	+ 566	17,576	20,824	306	..
Working Plan Circle ..	..	11,736	— 114	— 43,034	..	12,067	1,231	..
Forest Utilization Officer ..	479	4,313	..	+ 1,242	..	4,316	3	..
Chief Conservator of Forests.	707	13,891	..	..	667	13,902	11	..
Total ..	136,384	10,21,578	+ 3,644	+ 47,078	1,40,028	10,68,856	65,051	17,973

FORM No. 42.

Wild animals shot in the areas under the control of the Forest Department in the Madras State during 1951-52.

India serial number.	Species.	Number shot.	Average of previous 5 years.	All-India serial number.	Species.	Number shot.	Average of previous 5 years.
(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
1A Tiger	..	11	12.0	28 Goral	..	..	..
1b Tigress	..	1	1.0	29 Nilgai or blue bull ..	..	..	0.6
2 Leopard or panther ..	..	16	17.6	30 Four-horned antelope ..	..	..	2.0
3 Wild cats (species to be given, if known)	..	21	24.0	31 Black buck	..	..	..
4 Lynx	..	..	NH.	32 Indian gazelle or chinkara ..	..	26	15.8
5 Hunting leopard or cheetah ..	..	2	0.8	33 Barking deer or kakar ..	..	..	..
6 Hyena	..	..	..	34 Kashmir stag or hungul ..	..	..	0.4
7 Wolf	..	16	18.8	35 Swamp deer or gend or barasingha ..	..	..	..
8 Wild dog	..	..	..	36 Brow-antlered deer or thamin ..	..	17	20.4
9 Martens	..	..	..	37 Sambar	..	15	17.6
0 Batel	..	..	0.8	38 Cheetal or spotted deer or axis deer ..	..	..	..
1 Brown bear	..	..	1.0	39 Hog deer or para	..	15	7.0
2 Himalayan black bear ..	..	..	..	40 Musk deer	..	..	NH
3 Malayan bear	..	..	4.2	41 Mouse deer	..	..	..
4 Sloth bear	..	1	1.2	42 Pangolin	..	..	..
5 Wild elephants	..	..	..	43 Crocodile	..	..	..
6 Rhinoceros (species to be given) ..	..	9	9.2	44 Gharial	..	..	0.6
7 Gaur or bison	..	..	..	45 Python	..	..	..
8 Goyar or mithan	..	..	..	46 Others (species to be given)—	..	..	..
9 Banting or tsine	..	..	..	(i) Pig	..	12	9.2
10 Wild buffalo	..	..	..	(ii) Wild boar	..	16	5.6
11 Urial or sharpu	..	..	..	(iii) Porcupine	..	2	3.4
2 Bharal or blue sheep ..	..	..	1.6	(iv) Deer	..	2	..
3 Ibex	..	..	0.2	(v) Mongoose	..	21	24.0
4 Markher	..	..	..	(vi) Otter	..	1	2.4
5 Tahr	..	..	..	(vii) Hares	..	113	4.8
6 Nilgiris wild goat or Nilgiris ibex ..	..	2	2.0	(viii) Jungle sheep	..	2	10.8
7 Sero or Himalayan goat antelope ..	..	..	..	(ix) Chinduga	..	1	0.2



DEVELOPMENT DEPARTMENT

G.O. No. 1438, 27th March 1953

Forests—Administration Report—1951-52—Recorded.

READ—the following paper :—

From the Chief Conservator of Forests, Ms. No. 32/53,
dated 17th January 1953.

Order—No. 1438, Development, dated 27th March 1953.

Recorded.

2. *Forest Policy*.—The general policy remained unchanged.

3. *Estate and Panchayat forests*.—During the year, the Estate forests initially taken over by the Revenue Department under the Madras Estates (Abolition and Conversion into Ryotwari) Act, 1948, have been transferred to the control of Forest Department. This has necessitated an increase of staff of four additional forest divisions and one territorial circle. The retransfer of all Panchayat Reserve forests, except seventy, from the Revenue Department to the Forest Department for direct management was completed this year. The Government have since ordered that the balance of seventy should also be taken over by the Forest Department for direct management. The panchayat forests Departments and the estate forests which were taken over by the Department are pending preparation of working plans being managed more or less on the same lines on which they were managed subject to closer supervision. The rights and privileges which the ryots had under Panchayat management were continued during the year.

4. *Revenue*.—The total revenue realized was Rs. 207·85 lakhs compared with Rs. 186·26 lakhs in the previous year. The expenditure incurred was Rs. 80·12 lakhs compared with Rs. 73·73 lakhs in the previous year. The increase in income was largely due to the receipt from the Government of India of about six lakhs as compensation for loss incurred by the State Government during 1943-45 as a result of the cultivation of pyrethrum in the Nilgiris and Palnis and also due to an increase in revenue from fuel coupes. The surplus of revenue over expenditure was thus Rs. 127·73 lakhs, compared with Rs. 112·53 lakhs in the previous year.

5. *Area*.—The area of Reserved Forest at the end of the year was 18,825 sq. miles against 18,827 sq. miles of the previous year, which includes 3,390 sq. miles of panchayat forests but excludes 1,915 sq. miles of estate forests notified as reserved lands.

6. *Regeneration*.—In accordance with the working plan, regeneration of suitable areas with teak and other species was continued. To meet the increased demand for matchwood, plywood and softwood plantations of quick growing species were raised largely in Wynaad division. Owing mainly to labour difficulties only 317 acres in the Palni Hills and 355 acres in the Nilgiris were planted with wattle during the year against 603 acres and 555 acres respectively during 1950–51. A very small extent of 13 acres was planted with pyrethrum during the year against the annual target of 120 acres, for want of sufficient seeds for raising nurseries. The State of natural regeneration by copice and seedlings in worked timber and fuel coupes was generally satisfactory. Natural regeneration was generally satisfactory the panchayat forests. The conversion of mixed deciduous forests into pure teak plantations was continued over an aggregate area of 1,207 acres spread over fourteen divisions, against 1,464 acres in 1950–51. In addition to teak, other timber species were raised over a total area of 1,256 acres of which 546 acres were planted by Kumridars. To meet the increasing demand for fuel from Madras City and other towns concentrated regeneration of dry fuel forests in the more productive areas was carried out to the extent possible. The total area planted with casuarina during the year was 973 acres against 1,196 acres planted in the previous year. Artificial regeneration of sandal in propagation centres was attempted in Visakhapatnam South, Cuddapah North, Kollegal and Tirunelveli divisions, but the results were not encouraging. Government do not consider the work of regeneration to be above the average and are directing the Chief Conservator of Forests to examine if it cannot be intensified.

7. *Afforestation*.—The total area afforested during the year has not been given in the report. A scheme for the afforestation of the waste lands in Madurai, Tirunelveli and Ramanathapuram districts was sanctioned. Afforestation under the Hyderabad method of contour trenching and bunding was tried over two small plots in the Bellary division. The results are being watched. Further planting of trees on the banks of the Pennar river was not undertaken due to delay in the acquisition of land. This subject also deserves the attention of the Chief Conservator of Forests as a bolder plan for reafforestation departmentally or through contractors may be possible.

8. *Utilization*.—The supply of timber to the Government of India to meet the needs of Government Departments such as Railways, etc., was continued. Timber was also supplied to Departments of the local Government, municipalities, Co-operative House building Societies, Ex-servicemen Co-operative Societies and private bodies. The total output of timber was 65,559 tons against 68,477 tons in the previous year. The quantity of timber removed from reserved forests and leased forests by Government Agency was 25,769 tons against 29,150 tons in the last year. The quantity removed by purchasers was 35,482 tons against 34,397 tons in the previous year. The softwood sold were mainly intended for plywood and matchwood industries. Of the total quantity of 322,292 c.ft. sold, 11,339 c.ft. only were extracted departmentally and the rest through contractors. The total quantity of fuel extracted from reserved forests, leased forests and reserved lands during the year was 232,302 tons against 243,993 tons in the previous year. The value of bamboos removed by all agencies was Rs. 18,96,161 compared with Rs. 16,45,116 in the previous year. The quantity of sandalwood extracted during the year was 820 tons. Including a quantity of 227 tons which was on hand at the beginning of the year, a quantity of 822 tons was disposed of during the year and the balance at the end of the year was 225 tons. The average rate realised was Rs. 3,727 against Rs. 3,691 obtained during the previous year. For the first time a sale of 14 tons of sandal was held at Sandurthi average rate realised being Rs. 3,200 per ton. The value of minor forest produce extracted by all agencies was

Rs. 12,46,888 compared with Rs. 13,06,421 in the previous year. The decrease was due mainly to a fall in prices in the Ootacamund circle due to general slump. Lac operations were continued in Madurai and Salem north divisions. Lac products manufactured by the Department to the value of Rs. 15,861 were sold to Government departments, local bodies and the general public.

9. *Grazing*.—The grazing fees which were reduced by half in 1938 continued to be in force. Free removal of grass on head-loads was also allowed to continue. Penning and water facilities in grazing grounds were improved where required. The system of deferred and rotational grazing was continued. The grazing revenue realized was Rs. 7.91 lakhs compared with 7.65 lakhs in the previous year. Due to adverse seasonal conditions and consequent fodder scarcity free grazing and free cutting and removal of grass was permitted in the Chittoor district and fodder grass was supplied to the affected areas of Rayalaseema through the agency of contractors engaged by the Revenue Department. Grazing permits were issued by the Department for 3,287,213 animals compared with 3,297,657 animals in the previous year. Eighty-six thousand five hundred and sixty-one animals grazed free of charge in Departmental forests. The revenue foregone on account of this was Rs. 10,756. In Departmental forests 157,978 animals were permitted to graze at concessional rates, the revenue foregone being Rs. 27,734.

10. *Soil Conservation*.—The State Soil Conservation Board constituted with the Hon'ble Minister for Agriculture as Chairman with a view to control and co-ordinate the local land utilization surveys, held two meetings during the year, one at the Secretariat buildings in June 1951 and the second at Bellary in October, 1951. The main activities during the year were confined to the inspection of land under Grow More Food campaign and other areas in the Nilgiris that are liable to heavy erosion. The experimental work done in Ketti and Ithalar areas was maintained, but the experiments in the Ithalar area had to be discontinued in the course of the year as they were subjected to constant damage and were a handicap to the grazing and other rights of the villagers. During the year under review, the Soil Conservation Division continued to advise political sufferers in respect of their lands assigned to them in Wenlock Downs Reserved Forests, the Sericulture Department, the Animal Husbandry Department and the Food and Agricultural Department.

11. *Assistance to villagers*.—Free grants of building materials were made to the poor to rebuild their houses destroyed or damaged by fire or flood. The requirements of ryots of fuel and small timber, were met as far as possible by localized fellings. Bonafide domestic and agricultural requirement of small timber, fuel and bamboos of the local population were met through coupe contractors at fixed rates under the terms of the lease. To provide facilities for increasing food production, free removal of green manure leaves from the special manure leaf coupes and from fuel coupes in advance of fellings was allowed. Free removal of thatch and fodder grass in head-loads was continued during the year except in certain small areas closed for silvicultural or other special reasons. Land was provided for the poorer classes for temporary cultivation under the Kumri method under which the lessees were under obligation to raise forest growth along with field crops.

12. *Amelioration of hill tribes*.—The Forest Department continued to look after the welfare of the aboriginal tribes living in the forests. They were provided with lands within the forests for cultivation on annual leases or under the Kumri system free of assessment. The Koyas and Reddis of the Agency tracts of Godavari and Visakhapatnam continued to enjoy free removal of forest produce for domestic and agricultural purposes, free grazing and hunting. In the Rampa Agency and the Golconda Agency they were also permitted to sell minor forest produce at shandies and utilize the sale proceeds for themselves. The Forest Department continued to ameliorate the Chenchus of the Nallamalais by providing them with employment and land for cultivation and loans for the purchase of bullocks for agricultural purposes. The Chenchu Purchase and Sales Co-operative Society at Atmakur continued to function during the year.

13. *Preservation of wild life.*—The preservation of wild life continued to be one of the normal activities of the Department. The Mudumalai Wild Life Sanctuary which is the only sanctuary in this State, was maintained as usual.

14. *Legislation.*—The Madras Preservation of Private Forest Act, 1949 continued to be in force during the year. The proposals for amending the Madras Forest Act, 1882, are still under consideration.

(By order of the Governor)

J. M. LOBO PRABHU,
Secretary to Government

To the Chief Conservator of Forests.

- " Accountant-General.
- " Board of Revenue.
- " Government of India, Ministry of Food and Agriculture, New Delhi.
- " Inspector-General of Forests, New Delhi.

