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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / ~~B.P. No.~~	1975	Press. / Mis.
	Revenue	
Dated	7.12.1878	197 .

Not to be folded or roughly handled

1975
1

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

7th December 1878, No. 1,975.

Read the following paper :—

No. 89. Proceedings of the Board of Revenue, dated 9th November 1878, No. 3,017.

Read the following letter from Lieutenant-Colonel R. H. BEDDOME, Conservator of Forests, to the Secretary to Government, Revenue Department, through the Acting Secretary to the Board of Revenue, dated Ootacamund, 23rd October 1878, No. 1,133-A :—

1. Explanatory Note.
2. The last sanctioned scale of establishment.

I HAVE the honor to submit my budget estimate of the Forest Department for 1879-80 together with the enclosures noted in the margin.

2. Upon the suggestion of the Government of India that the "explanatory note may now be made less voluminous," the Government in their Order, dated 2nd April 1878, No. 507, direct that it should be condensed.

3. In the Resolution of the Government of India about the preparation of the budget estimate and the explanatory note which accompanies it, instructions are so given that detail information about quantities, rates, &c., should invariably support figures entered in the budget; for instance, under paragraph 34 of the Resolution the particulars* of a demarcation work are so distinctly enumerated that it seems quite necessary that I should follow the same plan in preparing my explanatory note; moreover, if the general budget is printed with particulars of different works showing quantities, rates, &c., it affords a ready references for comparing the actual work done with the estimate.

4. I have however omitted certain statements in the note which are comparatively of less importance.

5. I regret the delay in submitting these documents, but it has been unavoidable as some of the Divisional officers' budgets were only received through the Collectors a few days ago.

* Demarcation by a trench 3′ × 3′, masonry boundary pillars at 2,000 feet, and intermediate pillars at 200 feet apart of forest, B and C being an estimated length of 19 miles.

Trenching as follows :—

	Rs.
Clearing jungle at Rupees 3 per mile ...	57
Trenching at 2 Rs. per. 1,000 cubic feet.	1,800
50 masonry pillars, at Rupees 12 each.	600
500 intermediate pillars of piles of stone with a stout post bearing several number in the centre, at Rs. 2 each ...	1,000
Total ...	3,457

It is not sufficient to say "so many miles of demarcation work are expected to be done during the year."

FORWARDED to Government, through the Board of Revenue, agreeably to G.O., No. 1,689, dated 15th November 1876, Revenue Department.

OOTACAMUND,
23rd October 1878.

(Signed) R. H. BEDDOME, Lieut.-Colonel,
Conservator of Forests.

EXPLANATORY NOTE.

CHAPTER I.

During the past year (viz., 1877-78) the actual revenue realized has been Rs. 4,04,764, and it is less than the receipts of 1876-77 by Rs. 10,548 as shown in the margin. The difference is only small, and no explanation is therefore required.

Receipts.	Rs.
1876-77	4,15,312
1877-78	4,04,764
Difference	10,548

EXPENDITURE. *A, "Conservancy and Works"*	Rs.
1876-77	1,94,943
1877-78	1,59,867
Difference	35,076

B, Establishments.	Rs.
1876-77	2,19,627
1877-78	2,22,226
Difference	3,599

2. Under A, "Conservancy and Works" the total expenditure incurred has been less by Rs. 35,076 than that of 1876-77.

3. The decrease is chiefly due to diminished operations under departmental felling of timber.

4. The total expenditure under B, Establishments and Contingencies, shows a slight increase compared with that of 1876-77.

CHAPTER II.

REGULAR ESTIMATE.

5. RECEIPTS.—I. TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY GOVERNMENT AGENCY.—(*a*) *Timber.*—The total regular estimate of the Divisional Officers under this head amounts to Rs. 1,68,574, and compared with the sanctioned estimate of the current year shows a small increase of about Rs. 2,600, and the only important variations which require explanation are in the divisions noted in the margin.

	Rs.
Actuals of 1877-78	1,02,962
Sanctioned Estimate for 1878-79	1,66,000
Divisional Officers' Regular Estimate	1,68,574

	Rs.
Cuddapah	+ 27,874
North Arcot	+ 7,600
North Coimbatore	— 4,500
South "	— 10,000
Nilgiris	— 16,000

6. In Cuddapah the increase of Rs. 27,874 is estimated on account of the great demand for Red Sanders roots.

7. The actual revenue realized from this source during the past five months has amounted to only Rs. 10,958. The Divisional Officer's estimate will therefore be reduced to Rs. 25,000.

8. The increase in North Arcot is also due to the sale of Redwood, of which about 600 tons have been contracted for by a merchant.

9. *North Coimbatore.*—The decrease in North Coimbatore division is due to one Aravacurchy Nair throwing private timber into the market and under selling this department. As the actuals of the past five months are low, the Forest Officer's estimate will be reduced to Rs. 3,800.

10. For the same reason the sanctioned estimate of the Gumsur forests will be reduced to Rs. 1,000.

11. The decrease in South Coimbatore is not explained, but as the actuals of the past official year (1877-78) have only amounted to Rs. 30,000, the Divisional Officer's estimate will be retained.

12. The decrease in Nilgiris is owing to the Public Works Department having curtailed their supply for the current year to 12,000 cubic feet instead of 20,000 cubic feet upon which the estimate was framed.

13. The Divisional Officer's estimate for other divisions will be accepted, and the total estimate as revised by the Conservator will amount to Rs. 1,65,000.

14. I. (*b*) *Firewood and Charcoal.*—The total regular estimate of the Divisional Officers under this head is Rs. 14,631, and is greater than the sanctioned estimate by Rs. 4,981, and the important increase, which amounts to Rs. 5,100, is in Tinnevelly, where the Forest Officer has erroneously transferred the revenue derived from firewood felled and removed from the fuel reserves on contract to this head from II (*b*) Firewood and Charcoal.

	Rs.
Actuals for 1877-78	12,874
Sanctioned Estimate for 1878-79	9,650
Divisional Officers' Regular Estimate	14,631

15. The amount so transferred will be retransferred to II (*b*).

16. The estimates of the other Divisional Officers will be accepted with a slight alteration in Cuddapah, and total regular estimate as revised by the Conservator under this head will amount to Rs. 9,500.

	Rs.
Cuddapah	816

17. I. (*c*) "*Bamboos.*"—Under this head the Divisional Officers' total regular estimate amounts to Rs. 2,693, and is nearly the same as the sanctioned estimate, and the Divisional Officers' estimates will in round numbers be admitted.

	Rs.
Actuals for 1877-78	3,007
Sanctioned Estimate for 1878-79	2,450
Divisional Officers' Regular Estimate	2,693

	Rs.
* Actuals for 1877-78	45,840
Sanctioned Estimate for 1878-79	26,000
Divisional Officers' Regular Estimate	22,000
Decrease	4,000

18. I. (*d*) *Sandalwood.*—The Divisional Officers' total regular estimate is less than the sanctioned estimate by Rs. 4,000 as shown in the margin,* and the important decrease is in North Coimbatore and Nilgiri divisions where the felling of Sandalwood has to be restricted.

	Sanctioned Estimate. Rs.	Regular Estimate. Rs.
North Coimbatore	11,000	8,800
Nilgiris	3,500	1,000

19. I. (*e*) *Grass and other Minor Produce.*—Under this head there is a decrease of Rs. 3,000 in the Divisional Officers' total regular estimate compared with the sanctioned estimate, and the decrease is spread in the divisions noted in the margin.

	Rs.
Actuals for 1877-78	9,975
Sanctioned Estimate for 1878-79	11,350
Divisional Officers' Regular Estimate	8,350

20. In Madura no sufficient explanation is given for the decrease, and in Tinnevelly, owing to the destruction caused by wild elephants to the cardamom crop, the estimated revenue is reduced to one-half.

	Rs.
Madura	2,000
Tinnevelly	1,000

21. II.—TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY CONSUMERS OR PURCHASERS.—(*a*) *Timber*—The total regular estimate of the Divisional Officers under this head is Rs. 48,587, and compared with sanctioned estimate, it shows a decrease of Rs. 14,013 as shown in the margin.† The important variations requiring explanation are in the divisions noted in the margin,‡ and the chief cause of decrease of revenue in them is the present depressed condition of ryots who have not yet recovered the ruinous effects of famine.

	Rs.
† Actuals for 1877-78	64,177
Sanctioned Estimate for 1878-79	62,600
Divisional Officers' Regular Estimate	48,587
	14,013

	Rs.
‡Kurnool	4,240
North Arcot	2,000
North Coimbatore	2,000
South Coimbatore	2,200

22. The Divisional Officers' estimate will be accepted with a slight addition of Rs. 13 in Cuddapah Division, and the total regular estimate will therefore be Rs. 48,600.

23. II. (*b*) *Firewood and Charcoal.*—The total regular estimate of the Divisional Officers is only about Rs. 2,000 in excess of the sanctioned estimate. There are some important variations in certain divisions which require to be explained.

	Rs.
Actuals for 1877-78	1,12,317
Sanctioned Estimate for 1878-79	1,00,820
Divisional Officers' Regular Estimate	1,02,762

24. In Cuddapah there is an increase of about Rs. 17,000, and it is stated to be due to the large supply of engine fuel to the Madras Railway Company. But, as the actuals of the past five months have amounted to only about Rs. 16,000, the Divisional Officer's regular estimate will be reduced to Rs. 40,000.

25. There is a decrease of Rupees 4,600 in the regular estimate of the Madura division, and it is owing to the railway not taking firewood from this division as contemplated.

26. In Tinnevelly a sum of Rs. 5,100 is transferred to this head from I (*b*), "Firewood and Charcoal," for the reasons stated in paragraph 14 *supra*.

27. There is a decrease of Rs. 5,000 in the regular estimate of the Nilgiri division, and it is attributable to the extensive clearings of private sholahs from which firewood for public supply is largely removed.

28. The variations under other divisions are not large, and total revised regular estimate with a small reduction in Kurnool of Rs. 6 amounts to Rs. 1,00,150.

29. The Divisional Officer's estimates under other heads will be admitted with a few alterations except under head II (*e*) "Other Minor Produce," under which there is a decrease of Rs. 5,000 in Salem Division. It is due to the tamarind trees of the Kollamally Hills having been leased at a low rate.

—	II (*c*).	II (*d*).	II (*e*).	III
	Rs.	Rs.	Rs.	Rs.
Actuals for 1877-78	18,756	1,502	9,231	5,285
Sanctioned Estimate for 1878-79	20,309	2,250	25,000	3,650
Divisional Officers' Regular Estimate	21,773	1,880	19,832	2,614

30. V. MISCELLANEOUS.—(*b*) *Refunds.*—The total regular estimate of the Divisional Officers under this head amounts to Rs. 5,718 against the sanctioned estimate of Rs. 330. Of this large difference, Rs. 5,000 are entered in Salem Division as the purchase-money of the Chinna Kulroyen Hill forests, which have been retransferred to the Jaghiredar, is to be recovered by instalments and credited to this head.

	Rs.
Actuals for 1877-78	5,728
Sanctioned Estimate for 1878-79	330
Divisional Officers' Regular Estimate	5,718

31. The estimate under this head will be reduced to Rs. 5,700.

31 *a*. The total estimate under all heads as revised by the Conservator amounts to Rs. 4,05,000.

CHAPTER II.

REGULAR ESTIMATE.

32. A, "CONSERVANCY AND WORKS."—I. (*a*) *Timber.*—The total regular estimate of the Forest Officers amounts to Rs. 65,995 against the sanctioned grant of Rs. 60,000. The important variations are in the divisions noted in the margin.

	Rs.
Actuals for 1877-78	53,268
Sanctioned Estimate for 1878-79	60,000
Divisional Officers' Estimate	65,995

	Rs.
Cuddapah	+ 3,285
North Arcot	+ 4,000
Tinnevelly	+ 4,000
North Coimbatore	+ 3,320
Nilgiris	— 6,400
South Canara	— 1,000

33. The increase in Cuddapah and North Arcot is provided for the collection of large quantities of Redwood for which a great demand has revived. The increase in Tinnevelly has been calculated with reference to the increased revenue estimated by the sale of reserved timber, which now sells well in the division.

34. The Deputy Conservator of North Coimbatore Division states that he intends to fell some timber, but is not sanguine of rapid sale of his stock if Aravacurchy Nair continues to supply the market. But, as the estimated receipts under Regular Estimate have been reduced to Rs. 4,800, the working charges will also be reduced to Rs. 2,345.

35. The decrease in the Nilgiris and South Canara is attributable to less supply and sale of timber than what was expected.

36. The total estimate under this head as revised by the Conservator will amount to Rs. 63,000.

37. I. (*b*) *Firewood and Charcoal.*—The total regular estimate under this head amounts to Rs. 5,733 against the sanctioned grant of Rs. 3,500, and the only important variation* is in Cuddapah where all the dead firewood in the fuel reserves are being removed departmentally. The Deputy Conservator's estimate will be admitted with a reduction of Rs. 33.

	Rs.
Actuals for 1877-78	2,925
Sanctioned Estimate for 1878-79	3,500
Divisional Officers' Regular Estimate	5,733

* Rupees 1,615.

38. I. (*c*) *Bamboos.*—The total regular estimate is greater than the sanctioned grant by Rs. 400, and the increase is a new provision in North Arcot Division sanctioned for the collection and supply of thick bamboos to the Ordnance Department.

	Rs.
Actuals for 1877-78	
Sanctioned Estimate for 1878-79	2,000
Divisional Officers' Regular Estimate	1,000
	1,400

I. (*a*).—Sandalwood.
(*b*).—Grass and other minor produce.
II.—Timber and other produce removed from the forests by consumers or purchasers.

—	I (*a*).	I (*b*).	II.
	Rs.	Rs.	Rs.
Actuals for 1877-78	10,472	3,740	6,811
Sanctioned Estimate for 1878-79 ..	3,000	5,500	13,000
Divisional Officers' Regular Estimate	4,800	4,480	8,545

39. I. (*d*) *Sandalwood.*—The decrease under the heads noted in the margin has been generally made with reference to the diminished revenue estimated *per contra* heads of revenue.

40. The Divisional Officers' estimates will be admitted with a few alterations.

41. V. RENT OF LEASED FORESTS.—There is an increase of Rs. 1,500 under this head in the total regular estimate, and it is in Nelambur.

	Rs.
Actuals for 1877-78	3,680
Sanctioned Estimate for 1878-79	4,000
Divisional Officers' Regular Estimate	5,500

42. This is intended for paying during the current year the arrears of the Kuttikanem or Stamp fees due for the past official year.

—	Sanctioned Estimate.	Regular Estimate.	Conservator's Revised Estimate.
	Rs.	Rs.	Rs.
(*b*) Feed and Keep of Cattle ..	11,030	11,718	11,700
(*c*) Plant and Tools ..	1,370	1,565	1,600

43. VI. LIVE AND DEAD STOCK.—(*b*) *Feed and keep of Cattle*—(*c*) *Plant and Tools.*—There is not much difference between the sanctioned and regular estimates, and the latter will therefore be admitted with a few alterations in round numbers.

	Rs.
Actuals for 1877-78	3,053
Sanctioned Estimate for 1878-79	2,700
Divisional Officers' Regular Estimate	4,300

44. VII. COMMUNICATIONS AND BUILDINGS.—(*a*) *Roads and Bridges.*—Under this head there is an increase of Rs. 1,600 in the regular estimate, of which Rs. 1,400 appear against North Coimbatore Division.

45. The Deputy Conservator states that, as timber operations have to be commenced although in a small scale in the Bhavani Range, the road from the Kattrimallay to the foot of the hills, which is about 14 miles distant, requires thorough repair. This work was sanctioned in 1876-77, but not carried in that year.

46. The Divisional Officer's estimates against the sub-heads noted in the margin are nearly the same as the sanctioned grant and will be admitted under the former head.

VII (*b*) Buildings.
„ (*c*) Other Works.

	VII (*b*).	VII (*c*).
	Rs.	Rs.
Actuals for 1877-78	2,414	1,393
Sanctioned Estimate for 1878-79 ..	5,900	400
Divisional Officer's Regular Estimate ..	6,260	464

47. There is an increase of Rs 360 in North Coimbatore, where the estimate for building huts for forest guards in charge of tannahs have been raised from Rs. 30 to Rs. 50 per hut, and, as substantial huts are required to be erected, the Forest Officer's estimate will be accepted.

48. VIII. DEMARCATION, IMPROVEMENT, AND EXTENSION OF FORESTS.—(*a*) *Demarcation.*—Under this head the total regular estimate is Rs. 6,250 against the sanctioned grant of Rs. 4,200, and the important variations are in the divisions noted in the margin.

	Rs.
Actuals for 1877-78	5,165
Sanctioned Estimate for 1878-79	4,200
Divisional Officers' Regular Estimate	6,250

	Rs.
South Coimbatore	+ 3,050
South Canara	— 1,000

49. In the South Coimbatore Division the increase is due to funds having been provided for boundary settlement upon which Captain Campbell Walker is now engaged, and in South Canara demarcation work is nearly over. Hence the savings estimated.

50. There are variations under these heads noted in the margin. The Divisional Officers' total regular estimate under VIII (*d*) is less than the sanctioned grant by about Rs. 2,000, and the important decrease is in South Arcot, where the expenditure of the Malter casuarina plantations was ordered by Government in their Order, dated 29th July 1878, No. 1,189, to be suspended.

—	VIII (*b*).	VIII (*c*).	VIII.
	Rs.	Rs.	Rs.
Actuals for 1877-78	..	1,058	29,008
Sanctioned Estimate for 1878-79 ..	500	2,350	27,150
Divisional Officers' Regular Estimate	522	2,350	25,429

VIII (*b*) Compensation for land and rights.
„ (*c*) Surveys and working plans.

51. In Nelambur the Forest Officer provides Rs. 7,844 under the regular estimate although the actuals of 1877-78 have amounted to only Rs. 4,500, and the actuals of the current year up to September 1878 have come up to about Rupees 2,200.

52. The Forest Officer's estimate will therefore be reduced to Rs. 4,414.

53. The total regular estimate under this head, as revised by the Conservator, Rs. 22,000,

54. VIII. (*e*) *Protection from Fire.*—There is a net increase of Rs. 3,500 in the total regular estimate compared with the sanctioned grant, and it is chiefly due to additional funds having been sanctioned in the Conservator's letter, dated 10th September 1878, No. 900.

	Rs.
Actuals for 1877-78	3,963
Sanctioned Estimate for 1878-79	3,500
Divisional Officers' Regular Estimate	7,000

for the fire-tracing of the Rollawadugoo tract and for putting stone-wall fence round the red sander tract lately taken up in the Cuddapah Forest Division.

55. VIII. (*f*) *Other Works.*—The total regular estimate under this head amounts to Rs. 13,870, and is about Rs. 3,000 in excess of the sanctioned allotment. There is a fresh allotment of Rs. 3,500 in Nelambur, for which no explanation is given, and it will be therefore struck off, and the revised estimate under this head will therefore amount to Rs. 10,370.

	Rs.
Actuals for 1877-78	2,025
Sanctioned Estimate for 1878-79	10,920
Divisional Officer's Regular Estimate	13,870

56. The Divisional Officer's estimates under other heads are the same as the sanctioned grant.

57. The total estimate under all heads as revised by the Conservator of Forests amounts to Rs. 1,69,000 against the sanctioned grant of Rs. 1,63,000.

—	I.	II.	III.
	Rs.	Rs.	Rs.
Actuals for 1877-78 ...	1,78,045	37,863	6,713
Sanctioned Estimate for 1878-79	1,73,822	51,172	5,006
Conservator's Regular Estimate	1,77,986	47,862	7,153

58. "*B, Establishment and Contingencies.*"—The total regular estimate under this main head of expenditure as revised by the Conservator of Forests amounts to Rs. 2,33,000.

59. The subjoined abstract will show how these figures stand in comparison with the sanctioned grant for the current year :—

	Sanctioned Estimate.	Conservator's Regular Estimate.
	Rs.	Rs.
I Salaries	1,73,822	1,77,985
II Travelling Allowance	51,172	47,862
III Contingencies	5,006	7,153
	2,30,000	2,33,000

60. From the above it will be observed that there is a net increase of about Rs. 4,000 under I. "Salaries." This is partly due to personal allowance having been sanctioned by G.O., dated 20th June 1878, No. 980, for Messrs Peet and Gass, as well as to the grant of acting allowances to certain other officers.

61. The decrease under II. "Travelling Allowances" is attributable to savings having been effected by the absence of three officers on furlough, and the increase under III. "Contingencies" was caused by office rents having been transferred from Provincial to Imperial Service.

CHAPTER III.

BUDGET ESTIMATE.

62. RECEIPTS.—I (*a*) *Timber.*—The total Budget estimate for 1879-80, according to Divisional Officer's figures, amounts to Rs. 2,94,100, and the subjoined statement will show the particulars and description of timber likely to be sold and the probable revenue expected in each forest division :—

	Rs.
Actuals for 1877-78	1,02,062
Sanctioned Estimate for 1878-79	1,66,000
Conservator's Regular Estimate for 1878-79 ...	1,60,000
Divisional Officer's Budget Estimate for 1879-80.	2,94,100

Description of Timber, &c.	Divisions.		Quantity likely to be sold.	Rate.			Amount.		
				Rs.	A.	P.	Rs.	A.	P.
Teak	South Coimbatore	c. ft.	9,000	2	8	0	22,500	0	0
Do.	Do. do.	,,	38,000	2	8	0	95,000	0	0
	Do. do.	,,	3,000	3	0	0	9,000	0	0
	Do. do.	,,	2,500	5	0	0	7,500	0	0
	Nilgiri	,,	1,000	1	8	0	1,500	0	0
	Do	,,	15,000	2	0	0	30,000	0	0
Redwood	Cuddapah	Tons.	1,500	16	8	0	24,750	0	0
	North Arcot	,,	600	15	0	0	9,000	0	0
Rosewood	South Coimbatore	c. ft.	800	3	0	0	2,400	0	0

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Description of Timber, &c.	Divisions.		Quantity likely to be sold.	Rate.			Amount.		
				Rs.	A.	P.	Rs.	A.	P.
Reserved Timber.	Tinnevelly	c. ft.	1,500	1	3	0	1,781	4	0
	Do.	,,	6,000	1	4	0	7,500	0	0
Wrought Junglewood.	Do.	b. ld.	600	20	0	0	12,000	0	0
Unwrought Junglewood.	Do.	,,	200	7	0	0	1,400	0	0
	Do.	,,	400	10	0	0	4,000	0	0
Timber	North Coimbatore	c. ft.	6,000	1	4	0	7,500	0	0
	Do do.	,,	600	1	0	0	600	0	0
	South do.	,,	Particulars not given.				5,000	0	0*
	Salem	,,	2,500	1	2	0	2,812	0	0
	Do.	,,	500	2	3	0	1,093	0	0
	Do.	,,	2,000	1	4	0	2,500	0	0
	Do.	,,	1,000	1	1	0	1,062	0	0
	Nelambur inclusive of 20,000 Teak saplings obtainable from plantations	c. ft.	30,000	...			20,000	0	0†
	Madura		Particulars not given.				2,000	0	0
	Wynad		Do.	do.			11,500	0	0
	Palghat { Walliar		Do.	do.			200	0	0
	Palghat { Chenant Nairs.		Do.	do.			3,000	0	0
Junglewood ...	South Arcot	c. ft.	6,000	0	10	8	4,000	0	0
	South Canara	,,	16,000	0	3	0	3,000	0	0
	Add the amount entered for Gurusur, &c., Forest for which no particulars available		...	...			1,500	0	0
	Total ...		...	...			2,94,098	4	0

* Particulars not given.

† This evidently seems to be inclusive of revenue from teak, as well as saplings, junglewood and bamboos.

63. From the above it will be observed that the total Budget estimate under this head is 177 per cent. of the sanctioned estimate of the current year, and 288 per cent. of the actuals of 1877-78.

64. The subjoined abstract will show the relative increase or decrease of the Budget estimate as the case may be, compared with the actuals of 1877-78 and the sanctioned grant of 1878-79 :—

Name of Division.	Actuals for 1877-78.	Sanctioned Estimate for 1878-79.	Regular Estimate for 1878-79.	Divisional Officer's Budget Estimate for 1879-80.	Conservator's Revised Budget Estimate for 1879-80.
	Rs.	Rs.	Rs.	Rs.	Rs.
Gumsur and Surada	244	2,000	1,000	1,500	1,500
Godavari	...	...	...	...	...
Cuddapah	1,098	5,000	25,000	24,750	25,000
Kurnool	...	...	...	...	...
North Arcot	...	1,500	9,000	9,000	9,000
South Arcot	1,810	4,000	2,500	4,000	4,000
Madura	1,426	1,500	1,200	2,000	2,000
Tinnevelly	8,812	10,000	13,000	26,683	16,000
North Coimbatore	1,048	10,000	4,800	8,100	8,100
South do.	31,409	40,000	30,000	1,41,400	57,000
Nilgiris	41,378	48,500	32,500	31,500	31,500
Salem	1,587	4,500	2,000	7,467	4,200
South Canara	2,871	4,000	4,000	3,000	3,000
Wynad	3,854	12,000	12,000	11,500	11,500
Nelambur	4,534	20,000	20,000	20,000	20,000
Palghat	1,991	3,000	3,000	3,200	3,200
Total ...	1,02,062	1,66,000	1,60,000	2,94,100	1,96,000

65. The estimates of Cuddapah, North Arcot, Nilgiri, Wynad, South Canara, Nelambur and Palghat are nearly the same as the regular estimates and they will therefore be etained.

66. In South Arcot, as signs of agricultural prosperity are visible, the Deputy Conservator expects a reaction in the sale of timber which has been hitherto dull, owing to continued drought and famine. The increase in Madura and some other divisions are owing to the same cause.

67. In Tinnevelly, the Deputy Conservator does not state how he expects such a large revenue. But looking at the actuals of 1877-78, and the regular estimate of the current year, it is very doubtful, if the full estimate could be realized.

68. The revenue can therefore be reduced to Rs. 16,000, which is slightly above the regular estimate of the current year. In the particulars furnished in support of the estimate, 600 cart-loads of wrought junglewood, at 20 Rs. per cart-load, are entered.

69. The revenue estimated in North Coimbatore Division can stand, as the disposal of 7,500 cubic feet of Teak and the other valuable timber is ensured by a contractor having tendered to take not less than 500 cubic feet every month.

70. *South Coimbatore.*—Under this head the Divisional Officer has estimated Rs. 1,41,400, and it is 140 per cent. of the total revenue of this department under the same for 1877-78, and 85 per cent. of the total sanctioned estimate.

71. This estimate comprises the supplies and sales marginally noted. These large supplies estimated are not supported with either the indents of the receiving officers or any other documents upon which the supply can be guaranteed. The supply to the Bombay Marine will be limited to 4,000 cubic feet. As regards the supply of 38,000 cubic feet to the Gun Carriage Factory, it is a matter of doubt.

	Rs.
3,000 Cubic feet of teak straights, at Rs. 3 per cubic foot	9,000
2,500 Cubic feet of corves, at Rs. 3 per cubic foot	7,500
450 Teak planks, or 9,000 cubic feet at 2½ Rs., for the Bombay Marine	22,500
40 Planks of Blackwood, or 600 cubic feet at 1 Rs., for the Bombay Marine	2,400
38,000 Cubic feet of Teak for the Gun Carriage Factory, at 2½ Rs. per cubic foot	95,000
Jail supplies and sales to merchants	5,000
Total ..	1,41,400

72. The Superintendent of the Gun Carriage Factory states, in his letter embodied in G.O., dated 28th May 1878, No. 2,636, that he calculates only 15,000 cubic feet to be the average yearly expenditure of Teak in the factory, and towards this estimated quantity, the Deputy Conservator is not hopeful of getting that department to take even 4,000 cubic feet. But as comparatively large supplies may be required in 1879-80, the estimate will be fixed at 10,000 cubic feet.

	Rs.
Supply to Her Majesty's Dockyard	16,500
Do. of Teak to Bombay Marine	10,000
Do. of Blackwood do.	2,400
Supply to G. C. M.	25,000
Sale to Public and supply to Jail, &c.	3,100
Total ..	57,000

73. The total estimate of this division under this head as revised by the Conservator of Forests amounts to Rs. 57,000.

74. In Salem, the budget estimate is entered at Rs. 7,467 against the sanctioned estimate of Rs. 4,500 and the regular estimate of the current year which amounts to Rs. 2,000. The Forest Officer in charge does not explain how he calculates an increase. The estimate will therefore be reduced to Rs. 4,200.

75. The total budget estimate under this head as revised by the Conservator of Forests amounts to Rs. 1,96,000.

	Rs.
Actuals for 1877-78	12,874
Sanctioned Estimate for 1878-79	9,650
Conservator's Regular Estimate for 1878-79 ..	9,500
Divisional Officers' Budget Estimate for 1879-80 ..	14,690

76. I. (*b*) *Firewood and Charcoal.*—The total budget estimate of the Divisional Officers under this head amounts to Rs. 14,690.

77. The subjoined statement will show the quantity and rates of firewood and charcoal estimated to be sold in the divisions concerned :—

Divisions.	Explanation or Particulars of Sales.	Amount.
		Rs.
Cuddapah	Firewood, 2,100,000 lbs (of dried wood) for the Railway Works, at Rs. 2-8-0 per 1,000 lbs.	5,250
North Arcot	Do. for the Jail and other public demands.	3,000

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Divisions	Explanation or Particulars of Sales.	Amount.
		Rs.
Madura	Firewood, 250 bandy-loads at Rs. 2 per bandy-load ...	500
Do.	Do. (sale of dead Karuvata trees and lopping) .	100
Tinnevelly	Charcoal, 200 bandy-loads, at Rs. 6 per bandy-load ...	1,200
North Coimbatore ...	Firewood, 120 tons at Rs. 6-8-0 per ton	390
Nilgiri	Do. 1,000 bandy-loads, at Rs. 3-4-0 per bandy-load	3,250
Palghat	Do. Quantity is not given...	500
	Add the amount entered for Gumsur and Surada for which particulars not available.	500
	Total ...	14,690

78. The revenue estimated against each division is nearly the same as that for the current official year, except in Cuddapah where all the dried wood lying in the fuel reserves is to be removed and supplied to the Cheyur Railway works on the North-West line. The Divisional Officer's estimates will therefore be accepted in round numbers by slightly raising the revenue of North Coimbatore to Rs. 400.

Bandy-loads.

	Rs.
Tinnevelly, 50 at Rs. 15	750
North Coimbatore, 75 at Rs. 8-2-0	610
Salem, 100 at Rs. 4-12-0	475
Total ..	1,835
Add revenue estimated in Wynad and Palghat ..	350
Total ..	2,185

	Rs.
Actuals for 1877-78	3,007
Sanctioned Estimate for 1878-79	2,450
Conservator's Regular Estimate for 1878-79	2,700
Divisional Officer's Budget Estimate for 1879-80 ..	2,185

79. I. (*c*) *Bamboos.*—Under this head revenue from this produce is estimated only in the divisions marginally noted, and no particulars about quantity and rate have been furnished by the officers in charge of Palghat and Wynad.

	Rs.
Actuals for 1877-78	49,640
Sanctioned Estimate for 1878-79	26,000
Conservator's Regular Estimate for 1878-79 ..	22,000
Divisional Officer's Budget Estimate for 1879-80 ..	21,220

80. The estimates are nearly the same as those sanctioned for the current year and will be retained in round numbers.

81. I. (*d*) *Sandalwood.*—The total budget estimate is nearly the same as the regular estimate of the current year. The subjoined statement will show the quantities and rates at which this produce is likely to be sold in the divisions concerned :—

Divisions.	Particulars.	Forest Officer's Estimate.	Conservator's Estimate.
		Rs.	Rs.
North Arcot	Quantity is not given (Sandalwood)	1,000	1,000
South Arcot	400 maunds Sandalwood at Rs. 5 per maund ...	2,000	2,000
North Coimbatore .	3,000 ,, Sandalroots at Rs. 4-6-6 per maund	13,220	13,200
Salem	1,000 ,, Sandalwood at Rs. 5 per maund ...	5,000	5,000
	Total ...	21,220	21,200

82. The selling rate entered for Sandalwood in North Coimbatore Division is only for roots, as the felling of fresh Sandalwood has been put a stop to; hence the decrease in the rate compared to that of the current official year.

83. The rates in other divisions are the same as last year's estimates and will therefore be accepted.

84. I. (*e*) *Grass and other Minor produce.*—The total budget estimate under this head amounts to Rs. 13,314 and is about 4,500 greater than the regular estimate of the current year.

	Rs.
Actuals for 1877-78	2,975
Sanctioned Estimate for 1878-79	11,850
Conservator's Regular Estimate for 1878-79 ..	8,850
Divisional Officer's Budget Estimate for 1879-80 ..	13,314

85. The subjoined statement will show the descriptions, quantities, and value of minor produce likely to be sold in different divisions.

Description of Produce.	Divisions.	Quantity likely to be sold.	Rate.	Amount.
			RS. A. P.	RS.
Gall-nuts	Kurnool ...	1,142 mds. at	0 10 0	700
Do.	South Arcot ...	960 do. at	0 10 0	600
Barks, dyes, boss-wax and fruits	Do.	200 do. at	0 12 0	150
Gall-nuts	Madura	Quantity is not given.	...	3,000
Cardamoms	Tinnevelly ...	210 Tolams.	20 0 0	4,200
Honey	Do.	450 Measures.	1 0 0	450
Gall-nuts	Do.	2,000 Tolams.	0 8 0	1,000
Wax	Do.	10 do.	12 0 0	120
Dammer	Do.	16 do.	1 8 0	24
Nanjoo Seed	Do.	20 Cotahs.	10 0 0	200
Vambadam Bark	Do.	280 Tolams.	4 0 0	1,120
Babool Pods	Do.	...	...	200
Cardamoms and grass	South Canara ...	...	...	50
Cardamoms and wax, &c. ...	Wynad ...	...	...	1,500
		Total ...	...	13,314

86. Of the different minor products enumerated above, gall-nuts form the chief article of collection and sale. There is a great demand for this article for foreign export, and the rates in the different divisions concerned are almost uniform, although in Tinnevelly this article is generally sold in tolam which is equal to about 7 visses or a little less than one maund; the estimates framed are likely to be realized. Cardamom, which is a more valuable and equally saleable product, is generally collected and sold in Tinnevelly and Wynad Divisions. No particulars as to quantities and rates are furnished for Wynad Division. The estimate of the Divisional Officers will, however, be accepted with a slight reduction in Tinnevelly.

	RS.
Actuals for 1877-78	64,177
Sanctioned Estimate for 1878-79	62,660
Conservator's Regular Estimate for 1878-79	48,660
Divisional Officers' Budget Estimate for 1879-80 ...	61,300

87. II. *(a) Timber.*—The total estimate under this head according to Divisional Officer's figures mounts to Rs. 61,300 against the sanctioned estimate of Rs. 62,660.

Description of Timber.	Divisions.	Quantity likely to be sold.	Rate.	Amount.
			RS. A. P.	RS. A. P.
Timber	Godavari ...	Particulars not given.		21,000 0 0
Do.	Cuddapah ...	45,384¾ c. ft.	at various rates.	5,000 0 0
Reserved Timber ...	Kurnool	1,511 Cart-loads ...	...	6,300 0 0
Junglewood	Do	Particulars not given.		3,400 0 0
Timber	North Arcot ...	Do.	...	3,000 0 0
Unreserved Timber ...	South Arcot ...	15,360 at c. ft.	0 0 10	800 0 0
Junglewood	Madura	2,000 Bandy-loads ...	1 0 0	2,000 0 0
Do.	Do.	100 do. ...	5 0 0	500 0 0
Unwrought Junglewood	Tinnevelly ...	600 do. ...	2 0 0	1,200 0 0
Do. do.	Do. ...	600 do. ...	1 0 0	600 0 0
Reserved Timber ...	North Coimbatore	322 do. ...	Different rates.	1,827 8 0
Unreserved do. ...	Do. ...	145 do.	1 0 0	145 0 0
Do. do.	Do. ...	220 Hd. loads ...	0 2 0	27 8 0
Timber	South Coimbatore	Particulars not given.		500 0 0
Timber: Teak trees ...	Nilgiris	20 in number ...	5 0 0	100 0 0
Timber: Blackwood ...	Do.	10 do. ...	5 0 0	50 0 0
Timber: Vengay ...	Do.	20 do. ...	5 0 0	100 0 0
Timber: Kalkilongee ...	Do.	10 do. ...	5 0 0	50 0 0
Timber: Junglewood trees	Do.	100 do. ...	3 0 0	300 0 0

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Description of Timber.	Divisions.	Quantity likely to be sold.	Rate.	Amount.
				RS. A. P.
Timber	Salem	Particulars not given.		5,000 0 0
Do. ...	Palghat	Do.		5,400 0 0
Add the amount entered for Gumsur and not available.	Surada for which particulars			3,500 0 0
			Total ...	61,300 0 0

88. The Divisional Officers' estimates are reasonable and nearly the same as those for the current year and will be accepted, except in Kurnool and Palghat where the estimates will be reduced to 5,000 and 3,300 with reference to the actuals of 1877-78, and the total revised estimate under this head will amount to Rs. 54,000.

89. II. *(b) Firewood and Charcoal.*—Under this head the total budget estimate of the Divisional Officers amounts to Rs. 1,02,525 against the sanctioned estimate of Rs. 1,00,620.

	RS.
Actuals for 1877-78	1,12,217
Sanctioned Estimate for 1878-79	1,00,620
Conservator's Regular Estimate for 1878-79	1,00,150
Divisional Officers' Budget Estimate for 1879-80 ...	1,02,525

90. The subjoined statement shows the details about quantities and rates of firewood and charcoal likely to be sold next year.

Description of Firewood and Charcoal.	Divisions.	Quantity likely to be sold.	Rates.	Amount.
			RS. A. P.	RS. A. P.
Firewood and Charcoal.	Godavari ...	Particulars not given.	...	100 0 0
Engine Firewood ...	Cuddapah ...	Tons, 16,518¾ per 1,000 lbs.	1 0 0	40,000 0 0
Firewood	Do.	Bandies, 6,000 per B. load.	0 6 0	
Charcoal	Do. ...	Parahs, 8,000 per parah	0 1 6	
		Or per cart ld. of 16 parahs.	1 8 0	
Firewood	Kurnool	Cart-load, 5,776 per cart-load.	0 4 0	1,444 0 0
Charcoal	Do.	Cart-load, 556 per cart-load.	1 0 0	556 0 0
Firewood ... ... Charcoal	North Arcot ...	Particulars not given.	...	4,000 0 0
Firewood	South Arcot ...	Tons 360	1 8 0	480 0 0
Charcoal	Do.	B. load 146	1 8 0	220 0 0
Dead wood	Do. ...	Do. 3,467 ...	0 6 0	1,300 0 0
Firewood	Trichinopoly ...	Tons 730	2 8 0	2,000 0 0
Do.	Madura	B. loads 18,800 ...	0 6 0	7,050 0 0
Charcoal	Do.	Do. 300 ...	1 8 0	450 0 0
Firewood	Tinnevelly ...	Particulars not given.	...	2,000 0 0
Do.	Do.	B. loads 9,000	0 6 0	3,375 0 0
Do.	Do.	Do. 1,300	1 8 0	1,950 0 0
Do.	North Coimbatore.	Cart-load 13,337 ...	0 6 0	5,001 6 0
Do.	Do. ...	Bullock loads 450 ...	0 1 6	42 3 0
Do.	Do. ...	Donkey load 2,150 ...	0 1 0	134 6 0
Do.	Do. ...	Head-load 96,512 ...	0 0 3	1,508 0 0
Charcoal	Do. ...	Cart-loads 28	1 8 0	42 0 0
Do.	Do. ...	Head-loads 4,353 ...	0 1 0	272 1 0
Firewood and Charcoal.	South Coimbatore.	Particulars not given.	...	1,700 0 0
Firewood	Nilgiris	B. load 1,775	2 0 0	3,550 0 0
Do.	Do.	Do. 800	1 10 0	1,300 0 0
Do.	Do.	Do. 400	1 4 0	500 0 0

Description of Firewood and Charcoal.	Divisions.	Quantity likely to be sold.	Rates.	Amount.
			RS. A. P.	RS. A. P.
Firewood	Nilgiris	Head load 16,000 ...	0 1 0	1,000 0 0
Charcoal	Do.	Do. 200 ...	0 4 0	50 0 0
Firewood	Salem	Particulars not given.	...	22,000 0 0
Add the amount entered for Gumsur and not available.		Surada for which particulars are		500 0 0
			Total ...	1,02,525 0 0

91. From the above it will be observed that the varying rates above marked are chiefly owing to the quality of firewood estimated to be sold. For instance, engine firewood has a higher rate of seigniorage as only the best wood and large billets are taken by the Company for their supply.

92. The important variations between the estimate of the Divisional Officers and the regular estimate of the current year are in the divisions noted in the margin.

	RS.
Kurnool	+ 1,250
North Arcot	+ 1,000
Trichinopoly	+ 1,890
Madura	+ 2,100
Tinnevelly	— 2,775
Palghat	— 2,000

93. In Kurnool no explanation is given for the increase. It is evidently due to next year being more favorable for the agricultural population than the current one.

94. The increase in North Arcot was estimated by the Forest Officer as he believes that firewood supply to the Railway Company would improve as there is a siding in Mamundoor.

95. The increase estimate in Trichinopoly which is also from supply of wood to the Railway Company seems precarious and therefore the estimate will be reduced to Rs. 200.

96. The increase in Madura will likewise be omitted for want of explanation.

97. The decrease in Tinnevelly is nominal as the revenue for the sale of firewood removed on contract from the fuel reserves and which has been erroneously included under I (*b*) "Firewood," has been now transferred to II (*b*) in the regular estimate. Rs. 25 will, however, be reduced in the Forest Officer's estimate.

98. No explanation is given for the decrease in Palghat. The total estimate as revised by the Conservator under this head amounte to Rs. 98,600.

	RS.
Actuals for 1877-78	18,756
Sanctioned Estimate for 1878-79	20,300
Conservator's Regular Estimate for 1878-79	21,400
Divisional Officer's Budget Estimate for 1879-80 ...	21,378

99. II. (*c*) *Bamboos.*—The Divisional Officer's estimates under this head are nearly the same as the regular estimates of the current year and will therefore be retained with a few alterations.

	RS.
Actuals for 1877-78	1,593
Sanctioned Estimate for 1878-79	2,250
Conservator's Regular Estimate for 1878-79	1,900
Divisional Officer's Budget Estimate for 1879-80 ...	2,250

100. II. (*d*) *Grazing and Fodder grass.*—The Divisional Officer's estimates under this head, amounting to Rs. 2,250, will be admitted.

	Rs.
Actuals for 1877-78	9,251
Sanctioned Estimate for 1878-79	25,000
Conservator's Regular Estimate for 1878-79	19,800
Divisional Officer's Budget Estimate for 1879-80 ...	23,810

101. II. (*e*) *Other minor produce.*—The total estimate under this head amounts to Rs. 23,810, and the subjoined statement will show the details of description and quantities of forest produce likely to be removed and amount of seigniorage to be collected on them :—

Description of Forest Produce.	Divisions.	Quantity likely to be sold.	Rates.	Amount.
			RS. A. P.	RS.
Minor produce	Godavari	Particulars not given.	...	1,000
Somi bark	Cuddapah	333 B. loads at ...	3 0 0	999
Tumma, Tengadi	Do.	501 do. ...	1 0 0	501
Soorla and other barks				

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Description of Forest Produce.	Divisions.	Quantity likely to be sold.	Rates.	Amount.
			RS. A. P.	RS.
Avarem and Babool barks ...	Kurnool	Particulars not given.	...	100
Tamarind and barks	North Arcot ...	Do.	...	1,000
Tanning barks	South Arcot ...	448 B. loads	0 12 0	500
Tanning and distilling barks.	Do. ...	82 do.	2 0 0	
Eluppai, &c., fruits	Trichinopoly ...	Particulars not given.	...	50
Karuvala do.	Madura	Do.	...	350
Thatching grass	Tinnevelly ...	800 C. loads	0 4 0	200
Karri do.	Do.	Particulars not given.	...	100
Manure shrubs	Do.	400 C. load	0 4 0	100
Dye root	Do.	...	...	150
Velvalam bark	North Coimbatore.	...	...	200
Avarem do.	Do. ...	...	...	190
Vembadem bark	Do. ...	...	...	210
Minor produce	South Coimbatore.	...	...	50
Canes	Nilgiris	160 Head-loads ...	0 1 0	10
Barks and Tamarind	Salem	...	...	18,000
Minor produce	Palghat	...	...	100
		Total ...	...	23,810

102. Between this estimate and the regular estimate of the current year there is a net difference of Rs. 4,000, of which Rs. 3,000 is in Salem. No sufficient explanation is furnished for the increase in this division, and the actuals for 1877-78 have amounted to about a fourth of the estimate for 1879-80, and the increase will therefore be reduced by Rs. 2,810.

103. The revised budget estimate under this head will now amount to Rs. 21,000.

104. The estimates of the Divisional Officers under other heads are fair and will be retained in round figures.

105. The total budget estimate of receipts under all heads will amount to Rs. 4,54,000 against the sanctioned for the current year of Rs. 4,34,000 and the regular estimate of Rs. 4,05,000.

CHAPTER III.

A "CONSERVANCY AND WORKS."

106. *I* (*a*) *Timber.*—The total expenditure provided for by Divisional Officers under this head amounts to Rs. 91,520, and this compared with the sanctioned estimate of the current year shows an increase of a little more than 50 per cent. The subjoined statement shows the quantities, description, and cost of timber proposed to be felled or removed departmentally

	RS.
Actuals for 1877-78	55,268
Sanctioned estimate for 1878-79	60,000
Conservator's regular estimate for 1878-79 ...	65,000
Divisional Officers' budget estimate for 1879-80 ...	2,91,520

Divisions.	Description of Timber.	Quantity.		Rates of Felling or Sawing.	Carting or Floating.		Total.	Charge of Supervision.	Total.	Grand Total.
		Logs.	Cubic Feet.	Per Log or Cubic Foot.	Per Log or Cubic Foot.	Amount.				
				Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Cuddapah ..	Red wood	1,500	For Ton.	6 7 1½	..	..	9,630 0 0	468 0 0	468 0 0	10,137 0 0
North Arcot ..	Do.	600	..	8 0 9	..	170 0 0	5,100 0 0	..	..	5,600 0 0
South Arcot ..	Timber	..	C. ft.	0 3 0	..	..	1,950 0 0	..	..	1,950 0 0
	Do.	..	4,000	0 3 0	..	..	600 0 0	..	..	600 0 0
Madura	Do.	..	1,000	0 8 0	..	..	530 0 0	..	..	530 0 0
	Do.	..	Particulars not given.	..	..	..	..	..	..	..
	Reserved timber	..	C. ft.	0 11 0	..	..	6,231 4 0	..	..	6,231 4 0
	Do.	..	1,500	0 14 0	..	..	3,400 0 0	1,332 0 0	1,332 0 0	19,213 4 0
Tinnevelly ..	Wrought junglewood ..	..	6,000	14 0 0	..	..	..	..	..	..
	Unwrought junglewood ..	..	B. loads.	2 8 0	..	..	8,500 0 0	..	..	12,732 8 0
	Unwrought teak poles ..	..	600	7 8 0	..	..	..	362 8 0	362 8 0	14,500 0 0
	Do.	..	200	0 2 6	..	3,000 0 0	3,537 8 0	..	..	4,678 0 0
	Teak, Ashs, and Vengay ..	..	400	0 11 2	..	..	764 0 0	136 0 0	136 0 0	900 0 0
	Do.	..	6,000	0 1 3	..	..	..	..	..	910 0 0
North Coimbatore	Rosewood	..	600	4 0 0	..	..	10,242 8 0	2,620 0 0	2,620 0 0	12,862 8 0
	Timber	..	2,432	0 1 6	..	8,252 8 0	12,187 8 0	496 4 0	496 4 0	14,306 0 0
South Coimbatore	Planks	490	Per plank.	..	0 13 0	12,187 8 0	15,594 12 0	492 0 0	492 0 0	4,678 0 0
Nilgiris	Teak	..	15,000	..	..	..	4,189 0 0	..	..	600 0 0
Salem	Timber	..	C. ft.	..	..	..	..	..	..	6,000 0 0
South Canara ..	For firepaths, &c. ..	..	5,800	..	..	..	..	..	..	8,850 0 0
Wynad	Timber	..	(Particulars not given.)	..	..	..	..	..	..	2,000 0 0
	Do.	..	Do.	..	..	..	..	..	..	600 0 0
Nilambore ..	Do.	..	do.	..	..	6,988 0 0	6,988 0 0	..	..	..
	Teak saplings	..	30,000	..	0 0 4½	1,800 0 0	1,800 0 0	..	..	..
Palghat ..	Timber	..	20,000 @	..	0 0 9 per thousand.	..	..	..	..	..
		..	(Particulars not given.)	..	..	..	..	..	..	..

Add the amount entered for Gumsur and Surada for which particulars not available .. .. ..

124. The subjoined statement will show the particulars of quantities and rates of firewood and charcoal likely to be removed departmentally :—

Divisions.	Description of Article.	Quantity. Tons.	Quantity. Bandy-loads.	Rate of Felling. Per Ton or Bandy-load.	Rate of Felling. Amount.	Carting or Felling. Per Ton or Bandy-load.	Carting or Felling. Amount.	Total.	Charges of Supervision and Sundries.	Total.	Grand Total.
				Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs.	Rs.
Cuddapah ..	Firewood lbs.	2,100,000	per 1,000	1 4 0	..	..	..	2,625	..	..	2,625
North Arcot ..	Do. and charcoal.	(No particulars given).			..	..	..	1,000	..	..	1,000
Madura ..	Firewood ..	..	250	0 12 0	187 8 0	..	112 8 0	300	..	..	300
Tinnevelly ..	Charcoal ..	.. Tons.	200	5 0 0	1,000 0 0	..	..	1,000	180	180	1,180
North Coimbatore.	Firewood ..	60	..	0 8 0	30 0 0	..	250 0 0	280	..	..	280
Nilgiris ..	Do. ..	..	1,000	0 6 0	375 0 0	1 4 0	1,250 0 0	1,625	225	225	1,850
Palghat ..	Do. ..	(Particulars not given).			..	..	..	..	..	..	300
	Total ..	..	..	..	..	..	..	..	..	..	7,535

125. *I* (*c*). *Bamboos.*—The total estimate under this head amounts to Rs. 1,550, against the regular estimate of Rs. 1,400, and the important increase is in Tinnevelly, where for 50 bandyloads of bamboos Rs. 13 are entered for each load as the rate of felling and removing. This is very high, and the Deputy Conservator has not attempted to explain the cause of this high rate, although the rate for the current year has been reduced by the Conservator from Rs. 13 to Rs. 5. The estimate of Rs. 650 will likewise be altered into Rs. 250. The total revised estimate under this head amounts to Rs. 1,150.

	Rs.
Actuals for 1877-78	2,030
Sanctioned estimate for 1878-79	1,000
Conservator's regular estimate for 1878-79 ..	1,400
Divisional Officers' budget estimate for 1879-80 ..	1,550

126. *I* (*d*). *Sandalwood.*—The total estimate under this head amounts to Rs. 5,241-8-0, against the sanctioned estimate of the current year of Rs. 5,000 and the regular estimate of Rs. 4,000. The rates of felling, although varying according to distance of transport, &c., are the same as those of the current year, and the Divisional Officers' estimates will, therefore, be retained with a slight reduction of Rs. 41 in Salem.

	Rs.
Actuals for 1877-78	10,472
Sanctioned estimate for 1878-79	5,000
Conservator's regular estimate for 1878-79 ..	4,000
Divisional Officers' budget estimate for 1879-80 ..	5,241¼

127. *I* (*e*). *Grass and other Minor Produce.*—The total estimate of the Divisional Officers under this head amounts to Rs. 7,110, and the subjoined statement will show the description and quantities of minor produce and as well as the rates of collecting them :—

	Rs.
Actuals for 1877-78	3,740
Sanctioned estimate for 1878-79	5,500
Conservator's regular estimate for 1878-79 ..	4,000
Divisional Officers' budget estimate for 1879-80 ..	7,110

Divisions.	Description of Articles.	Quantity. Maunds.	Quantity. Measures.	Quantity. Tollums.	Quantity. Bandy-loads.	Rate of Collection or Preparation.	Cost of Preparation or Collection.	Supervision Charges and Sundries.	Total Cost.
						Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.
Cuddapah ..	Tungadi bark	266½	..	..	..	0 6 0	100 0 0	..	100 0 0
Kurnool	Gallnuts	1,142	..	..	..	0 7 0	500 0 0	..	500 0 0
South Arcot	Do. (dry)	960	..	..	..	0 1 3	375 0 0	..	375 0 0
	Barks, dyes, bees' wax, and fruits.	200	..	..	..	0 6 0	75 0 0	..	75 0 0
Madura	Gallnuts ..	(Particulars not given).				..	1,500 0 0	..	1,500 0 0
Tinnevelly	Cardamoms	..	..	210	..	7 0 0	1,470 0 0	..	
	Honey	..	450	..	..	0 7 0	196 14 0	..	
	Gallnuts	..	..	2,000	..	0 4 0	500 0 0	..	
	Wax	..	..	16	..	0 6 0	60 0 0	1,176	4,109 14 0
	Dammer	..	..	16	..	1 0 0	16 0 0	..	
	Vanbadan bark ..	..	..	280	..	2 0 0	560 0 0	..	
	Nanjoo seed and Babool pods.	..	..	..	..	..	131 0 0	..	
South Canara ..	Cardamoms, &c. ..	(Particulars not given).				..	50 0 0	..	50 0 0
Wynaad	Do.	(Do. do.)				..	400 0 0	..	400 0 0
	Total ..	..	..	..	..	..	..	..	7,109 14 0

128. The Divisional Officers' estimates under this seem fair and bear on an average 50 per cent. of the estimated revenue, and they will be therefore retained with a small reduction of Rs. 110 in Tinnevelly.

129. *II.* "*Timber and other Produce removed from the Forests by Consumers or Purchasers.*"—The total budget estimate under this head amounts to Rs. 15,424, and compared with the regular estimate of the current year it shows a net increase of Rs. 6,879, and the important difference is in the Cuddapah Division.

	Rs.
Actuals for 1877-78	6,841
Sanctioned estimate for 1878-79	11,000
Conservator's regular estimate for 1878-79 ..	8,500
Divisional Officers' budget estimate for 1879-80 ..	15,424

130. The charges estimated under this head chiefly consist of commission paid to monegars or other persons appointed to collect seigniorage on behalf of Government and other temporary establishment charges.

131. In Cuddapah Rs. 4,877 have been provided for the first time by the Deputy Conservator for paying commission to the monegars at the rate of 6¼ per cent. upon the collection of Rs. 78,000. As this is not a usual charge in the division it will be disallowed. The estimates of other divisions, which are nearly the same as the regular estimate, will be accepted with a few alterations.

	III. Rs.	V. Rs.
Actuals for 1877-78	416	3,650
Sanctioned estimate for 1878-79	1,200	4,000
Conservator's regular estimate for 1878-79	850	5,500
Divisional Officers' budget estimate for 1879-80	950	5,500
Actuals for 1877-78		10,330
Sanctioned estimate for 1878-79		11,930
Conservator's regular estimate for 1878-79 ..		11,700
Divisional Officer's budget estimate for 1879-80 ..		13,330

132. The estimates of the Divisional Officers under heads III and V being likewise similar to the current year's regular estimate will be accepted.

133. *VI. Live and Dead Stock.* (*a*) Purchase of cattle, nil. (b) Feed and keep of cattle.—The total estimate of the Divisional Officers under this head amounts to Rs. 13,330, against the regular estimate of Rs. 11,700.

134. The important increase requiring explanation is in South Coimbatore and Wynad Divisions. In the former the cost of the feed of seven elephants is estimated at Rs. 70 per head. The usual rate in this division has been only Rs. 50, and in the current year Rs. 60 were allowed as the prices of food grains have not yet decreased to their ordinary rates.

	Rs.
Cost of food and keep of seven elephants at Rs. 50 per mensem = 7 × 50 × 12	4,200
Cost of temporary establishments, such as Mahouts and Cavadus and medicines	1,270
Total ..	6,870

135. But as it is probable that next year will be more favorable, the Divisional Officer's estimate will be reduced to Rs. 6,070 as per particulars noted in the margin.

136. In Wynad only two elephants and three bullocks appear to be the existing number of cattle, and granting that the prices in Wynad will be comparatively heavy next year, the budget estimate of the Deputy Conservator might not exceed Rs. 1,500.

137. The estimates of other divisions will be retained, and the total budget estimate as revised by the Conservator under this head amounts to Rs. 10,730.

138. *VI.* (*c*). *Plant, Tools, and Instruments.*—The total estimate under this head amounts to Rs. 1,470. The particulars of charges provided for under this head comprise chiefly of repair of tools, and in Nilgiri and Salem Divisions provision is made for purchase of tools, and the Divisional Officer's estimates will, therefore, be accepted.

	Rs.
Actuals for 1877-78	1,117
Sanctioned estimate for 1878-79	1,370
Conservator's regular estimate for 1878-79 ..	1,550
Divisional Officers' budget estimate for 1879-80 ..	1,470

139. VII. COMMUNICATIONS AND BUILDINGS (*a*) *Roads and Bridges.*—The total estimate under this head amounts to Rs. 4,390, against the regular estimate for the current year of Rs. 4,360.

	Rs.
Actuals for 1877-78	3,053
Sanctioned estimate for 1878-79	2,760
Conservator's regular estimate for 1878-79 ..	4,360
Divisional Officers' budget estimate for 1879-80 ..	4,390

140. The subjoined statement will show the particulars of works proposed by Divisional Officers and the cost thereof.

Divisions.	Particulars.				Amount.		
					RS.	A.	P.
Trichinopoly ...	For the construction of a store hut				100	0	0
North Coimbatore.	Do. of roads				500	0	0
		RS.	A.	P.			
South Coimbatore.	Road from Setimade to Adivarem, 2½ miles, at Rs. 80 per mile	200	0	0			
	Ghât road from Adivarem to Venthamudn, 2 miles, at Rs. 100 per mile	200	0	0			
	Roads above ghât, new road, 8 miles, at Rs. 50 per mile	400	0	0			
	Roads above ghât, old road, 7 miles, at Rs. 50 per mile	350	0	0			
	Road from Adivarem towards Mungarah, 4½ miles, at Rs. 120 per mile	540	0	0			
					1,690	0	0
Nilgiri	For repair twice in a year of a main road from Toppecadavoo to Mudumallai, 6 miles, at Rs. 25 per mile	150	0	0			
	Mudumallai to Pupy Gutty junction, being 5½ miles, at Rs. 25 per mile	137	8	0			
	Pupy Gutty to Bennai, 3 miles, at Rs. 25 per mile.	75	0	0			
	Do. to Marmallah, 9 miles, at Rs. 25 per mile	225	0	0			
	For repairing Branch Roads.						
	Kullangundy road, 3 miles, at Rs. 16-4-0 per mile.	42	12	0			
	Mangalam road, 4 miles, at Rs. 16-4-0 per mile.	65	0	0			
	Numbakonthu road, 3 miles, at Rs. 16-4-0 per mile	48	12	0			
	One and a half miles of road in the old Forest Plantation, Coonoor side, with yellow clay at Rs. 50 per mile	75	0	0			
	Two miles of road in Governor's Sholah, Ooty side, at Rs. 37-8-0 per mile	75	0	0			
					900	0	0
Salem	For repairs of roads				200	0	0
Nilambore	For erecting service bridges				500	0	0
Wynad	For the repair of Rampoor roads				400	0	0
Palghat	For repair of roads				100	0	0
				Total ...	4,390	0	0

141. From the above it will be observed that the works proposed consist chiefly of annual repairs to forest roads and bridges.

142. In Nilambore provision is made for constructing serambies and bridges. The former charge ought properly to appear under the next sub-head VII (*b*).

143. The Deputy Conservator has not explained how much he estimates for serambies or protection huts, and out of the total provision of Rs. 500 against Nilambore Rs. 290 will be omitted.

144. The estimates of the other Divisional Officers will be retained, and the total estimate as revised by the Conservator amounts to Rs. 4,100.

145. *VII* (*b*). *Buildings.*—The total estimate under this head amounts to Rs. 9,905, and this is spread in the divisions noted in the margin.*

	RS.
Actuals for 1877-78	2,414
Sanctioned estimate for 1878-79	5,000
Conservator's regular estimate for 1878-79	6,260
Divisional Officers' budget estimate for 1879-80 ..	9,905

*Kurnool	4,930
North Arcot	500
South Arcot	675
South Coimbatore	1,000
Wynad	800
Nilambore	1,400

146. In Kurnool, provision is made for the construction of forest office and bungalow at a cost of Rs. 4,630 and 14 sheds in the forests at Rs. 25 each for Rangers, &c., when on inspection. The Government in their Order, dated 12th July 1878, No. 1,057, R.D., directed that Rs. 3,000 be provided for the office and residence of the Deputy Conservator. So that the total estimate for this division amounts to Rs. 6,350.

147. In North Arcot Rs. 500 are entered for the repairs of Kurkumbady Forest bungalow, and in South Arcot provision is made for the store huts and putting up a verandah to the office at a cost of Rs. 475.

148. In South Coimbatore Rs. 1,000 is entered for the annual repairs to forest camps in Tunacadavoo, Tekkady, &c.

149. In Wynad the Deputy Conservator recommends that all Government huts should be roofed with galvanized iron and estimates Rs. 500 for this work.

150. In Nilambore Rs. 1,400 are provided for the construction of serambies, whose number is not known. The Divisional Officers' estimates will be retained, and they will remember that before the work is carried out the plan and estimate in the usual Public Works form should be submitted for the sanction of the Conservator and Government as the case may be.

151. The total estimate under this head amounts to Rs. 11,170.

	RS.
Actuals for 1877-78	1,393
Sanctioned estimate for 1878-79	400
Conservator's regular estimate for 1878-79 ..	460
Divisional Officers' budget estimate for 1879-80 ..	650

152. *VII* (*c*). *Other Works.*—The total provision under this head amounts to Rs. 650, and the works proposed chiefly consist of putting up fences or enclosing new depôts, and the estimates according to Divisional Officers' figures will be retained.

153. *VIII* (*a*). *Demarcation.*—The total estimate under this head amounts to Rs. 6,450, and the Divisional Officers concerned have not furnished details as to the cost of each work, but as the works provided for are important the estimates will be passed, and the Deputy Conservators concerned will apply to the Conservator for specific sanction before the work is actually carried out.

	RS.
Actuals for 1877-78	5,185
Sanctioned estimate for 1878-79	4,200
Conservator's regular estimate for 1878-79 ..	6,250
Divisional Officers' budget estimate for 1879-80.	6,450

154. In South Canara Rs. 3,000 have been provided for meeting the pay and allowance of certain temporary establishments sanctioned for forest settlement in that division. But as the settling work is nearly over, the estimate will be reduced to Rs. 1,000.

155. The total estimate under this head as revised by the Conservator amounts to Rs. 4,450.

	RS.
Actuals for 1877-78	..
Sanctioned estimate for 1878-79	500
Conservator's regular estimate for 1878-79 ..	520
Divisional Officers' budget estimate for 1879-80..	100

156. *VIII* (*b*). *Compensation for land and rights.*—The only estimate under this head is in South Arcot, where Rs. 100 are provided for buying certain puttah lands for the temporary lodging of the Inspecting Officer, &c. This will be retained.

	RS.
Actuals for 1877-78	1,658
Sanctioned estimate for 1878-79	2,350
Conservator's regular estimate for 1878-79 ..	2,350
Divisional Officer's budget estimate for 1879-80 ..	4,577½

157. *VIII* (*c*). *Surveys and Working Plans.*—The total estimate of the Divisional Officers under this head amounts to Rs. 4,577½, and the subjoined statement shows the particulars of establishments, &c., required for surveying operations :—

Divisions.	Particulars.				Amount.		
		RS.	A.	P.	RS.	A.	P.
South Arcot ...	For 1 Surveyor for 8 months at Rs. 65 per mensem	520	0	0			
	For 1 Draftsman for 6 months at Rs. 30 per mensem	180	0	0			
	For 3 Chain Lascars for 8 months at Rs. 7 per mensem	168	0	0			
	For 5 Flagbearers for 8 months at Rs. 6 per mensem	240	0	0			
	For repair of instruments	48	0	0			
	For miscellaneous petty charges	34	0	0			
					1,190	0	0

Divisions.	Particulars.	Rs.	A.	P.	Amount. Rs.	A.	P.
South Coimbatore.	Pay of a Draftsman for 5 months at Rs. 40 per mensem	200	0	0			
	Three Chainmen for 5 months at Rs. 7½ per mensem	112	8	0			
	Five Lascars for 5 months at Rs. 7 per mensem	175	0	0			
	Clearing jungle on line of sight	350	0	0			
	Paper and drafting materials	50	0	0			
					887	8	0
Salem	One Surveyor for surveying and mapping for 6 months at Rs. 60 per mensem	360	0	0			
	Six Peons for 6 months at Rs. 6 per mensem	216	0	0			
	Sundries	124	0	0			
					700	0	0
Wynad	Survey and working plans				500	0	0
Palghat	(Particulars not given)				1,600	0	0
		Total			4,577	8	0

158. In South Arcot, Trikkollur, Tandrampet, and Peringalathoor firewood reserves and the Kobroyen slopes boundary are to be surveyed and mapped. In South Coimbatore the Divisional Officer does not state what particular portions of the forests are to be surveyed, and the total provision for this division will, however, be retained with a small reduction of Rs. 810.

159. No particulars are furnished by the Officers in charge of Wynad and Palghat, and the estimates will, however, be retained as the nature of the work proposed is very important.

160. The total estimate under this head amounts to Rs. 4,500.

	Rs.
Actuals for 1877-78	29,003
Sanctioned estimate for 1878-79	27,550
Conservator's regular estimate for 1878-79	22,000
Divisional Officer's budget estimate for 1879-80	33,241

161. *VIII (d). Plantations.*—The total estimate of the Divisional Officers under this head amounts to Rs. 33,241, against the sanctioned grant of Rs. 27,550, and the regular estimate of the current year of Rs. 22,000.

162. The subjoined statement will show the details of work proposed :—

Divisions.	Particulars.			Amount. Rs.
Gumsur and Surada	(Particulars not given)			40
Cuddapah	Pay of 1 Head Gardener	Rs. 10	Rs.	
	Do. 4 Gardeners at 6 Rs. each	,, 24		
		34 × 12	= 408	
	Ploughing, sowing broadcast, and sowing about 300 acres in all plantations at Rs. 1-4-0		375	
				783
North Arcot	For planting and up-keep of 710 acres in Keilminal, Tiruvellum, and Virinjipuram at Rs. 7 per acre		4,970	
	For planting the remaining 150 acres at Tiruvellam at Rs. 10 per acre		1,500	
	Up-keep of Ammerdy Plantations		150	
	Do. of Ammoondy do.		192	
	Do. of Venadadu do.		144	
	Do. of Cheyanoor do.		48	
				7,000

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Divisions.	Particulars.	Rs.	Amount. Rs.
South Arcot	*No. 1 Chengam Plantation.*		
	One Gardener at Rs. 5 per mensem for 10 months	50	
	256 coolies at Annas 2½ per cooly for improvement of 17 sorts of forest trees	40	
	Petty contingent charges	10	
			100
	Trikellur Taluk Plantations.		
	For one Head Watchman at Rs. 8 per mensem for 12 months	96	
	For two Watchers at Rs. 7 per mensem for 12 months	268	
	For one Watcher at Rs. 5 per mensem for 12 months	60	
			424
	Valur Plantation.		
	For one Watchman at 5½ Rs. per month for 12 months	66	
	For one Watchman at 4½ Rs. per month for 12 months	54	
	Ploughing 20 acres at Rs. 3 and dibbling in other 20 acres at Rs. 2 per acre with Velvalem seeds and miscellaneous charges	116	
			236
	Ponier Anicut Plantation.		
	One Watchman at Rs. 5 for 12 months	60	
			60
	Merkanam Plantation.		
	One Pygust at Rs. 12 per mensem for 12 months	120	
	Four Watchmen at Rs. 5 each for 12 months	240	
	Four Gardeners at Rs. 4½ each for 12 months	216	
	1,200 coolies at 2 each replacing casualties	150	
	Petty miscellaneous charges	17	
			743
	Fencing 5½ miles shallow wide ditch at 34 Rs. per mile		187
Trichinopoly	Broadcast sowing and dibbling in different kinds of seeds in vacant gaps and watering plants of two years' standing once a week for six months	2,700	
	Cutting creepers, clearing undergrowth, and deepening wells	340	
	Sixteen Watchers at Rs. 5 each	960	
			4,000
Madura	Up-keep of plantations		100
	Formation.		
North Coimbatore	Clearing 10 acres of junglewood at Rs. 15 per acre	150	
	Digging 1,000 pits of 1½ feet square by 1½ feet deep at 1 Rupee per 100	100	
	Planting 8,000 plants at Rs. 2 per 100	160	
	Sundries	40	
			450
	Improvement and Conservation.		
	Collegal—Weeding 70,000 plants at Rs. 8 per 100	560	
	Watering 50 acres at Rs. 20 per acre	1,000	
	Pruning 20,000 trees at 5 Rs. per 1,000	100	
			1,660

Divisions.	Particulars.		Amount.
	Satyamangalam.	RS.	RS.
North Coimbatore—(*Continued*).	Weeding 70,000 plants sandalwood and Aricottos at 8 Rs. per 100	560	
	Pruning 20,000 trees at Rs. 5 per 1,000 ...	100	
	Watering 15 acres at Rs. 20 per acre	300	
			960
	Fencing and enclosing 47½ acres of land around the Bylore Plantation at Rs. 4 per acre ...	190	
	35 acres of land around the Tullamallai at Rs. 4 per acre	140	
			330
South Coimbatore ...	Fire-trace, 40 yards wide, 1¾ mile, at Rs. 40 per mile	70	
	To clear 19½ acres at Rs. 20 per acre and to prune thoroughly	390	
			460
Nilgiri	Cost of clearing away the brushwood, forming nurseries, pitting and planting on contract 72,000 *Eucalyptus Globulus* plants in about 60 acres in the Chammanguli Sholah... ...	2,520	
	Cost of clearing away the brushwood, forming nurseries, pitting and planting on contract 72,000 *Eucalyptus Globulus* plants in about 30 acres in Koolie Sholah	1,170	
	Cost of clearing away the brushwood, forming nurseries, pitting and planting on contract 72,000 *Eucalyptus Globulus* plants in about 20 acres in Buthry Sholah	780	
	Cost of replanting in Black Bridge and Rock Plantations	325	
			4,795
	Weeding 55 acres	340	
	Establishment, &c.	312	
			652
	Benaie Mudumallai Teak Plantations.		
	Pruning and establishment	302	
	Sigur Sandalwood Plantation.		
	Cost of weeding and pruning	451	
			753
Salem	Salaries of Gardeners in the Kennagavanem Soondrum Plantation		300
South Canara	For opening fire-paths around Parapah Plantation and pay of Watcher		200
Nilambore	For operations in plantations		8,000
Wynad	Working of the Kannoothi Teak Plantation ...		300
	Total ...		32,533

	RS.
North Arcot	7,000
Trichinopoly	4,000
North Coimbatore	3,400
Nilgiris	6,200
Nilambore	8,000

163. The only estimates that call for remark are in the divisions noted in the margin.

164. In North Arcot as there have been heavy casualties in Tiruvallum, Virinjipuram, and Keilmenal Plantations, the Deputy Conservator intends to complete replanting. The amount now provided for is for up-keep of the existing plantations and fresh planting. The estimate will therefore be accepted.

165. The estimates of Trichinopoly and North Coimbatore are neary equal to the actuals of 1877-78 and will therefore be retained.

166. The Government in their Order, dated 6th September 1878, No. 1,457, having directed the extension of plantations on the Nilgiris, the Deputy Conservator of Forests in charge provides for planting an aggregate area of 110 acres in the Koolie, Buthry, and Chummagule Sholahs with Eucalyptus plants. He proposes to give the whole on contract. The estimates for the up-keep of the Mudumallai Teak and Seegur Sandalwood Plantations are fair and will be retained.

167. The total estimate of the Divisional Officer, amounting to Rs. 6,200, will be accepted.

168. In Nilambore Rs. 8,000 are entered, and no details of expenditure are furnished. But, as further extension of these plantations is now deferred, the Divisional Officer's estimate will, therefore, be reduced to Rs. 5,000, which is nearly the same as the actuals of 1877-78.

169. The estimate of the South Coimbatore Forest Division will be reduced to Rs. 219, as the Divisional Officer's estimate is high.

170. The total estimate as revised by the Conservator of Forests will amount to Rs. 30,000.

171. *VIII* (*e*). *Protection from Fire.*—The total estimate of the Forest Officers under this head amounts to Rs. 18,863, against the sanctioned estimate of Rs. 3,500 and the regular estimate of the current year of Rs. 7,000.

	RS.
Actuals for 1877-78	2,963
Sanctioned estimate for 1878-79	3,500
Conservator's regular estimate for 1878-79	7,000
Divisional Officers' budget estimate for 1879-80 ...	18,863

172. The subjoined statement will show the details of work proposed under this head :—

Divisions.	Particulars.	Amount.
		RS. A. P.
Kurnool	Protection of sheds from fires, and also any belt of teak forests	100 0 0
Cuddapah ...	Pay of 26 Watchmen 6 temporary Forest Guards } at Rs. 6 2 extra Watchmen	
	34 × 6 × 12 ... ... = Rs. 2,448	
	For clearing fire-traces ... ... ,, 490	
		2,938 0 0
North Arcot ...	For fire-tracing the Mamundoor Reserve	100 0 0
Madura	(Particulars not given)	500 0 0
North Coimbatore.	For cutting grass and creepers and eradicating noxious growth on 165 acres	100 0 0
	For repairs of four inspection paths in the Sholakurray Reserves extending 2 miles at Rs 100	200 0 0
	Pay of four extra Watchers and sundries...	100 0 0
South Coimbatore.	Fire-trace 82½ miles long by 80 yards broad at Rs. 150 ...	12,375 0 0
Nilgiris	Clearing and fire-tracing	800 0 0
Salem	To cut fire-trace in A, B, and C Reserves	300 0 0
Nilambore	(Particulars not given)	1,000 0 0
Wynad	Fire-tracing depôts and Government huts and keeping open	300 0 0
Palghat	(Particulars not given)	50 0 0
	Total ...	18,863 0 0

173. From the above it will be observed that the only large provision which requires to be explained is in South Coimbatore. In this division Rs. 12,375 are entered for fire-tracing a belt of 82 miles long and 80 yards broad at Rs. 150 per mile. This is a heavy estimate, and this work cannot be commenced till demarcation is finished and grazing and other rights finally settled. Rupees 1,000 will, however, be entered under this head for works of ordinary protection from fire.

174. In Cuddapah the estimate will be slightly reduced and entered at Rs. 2,900.

175. The total estimate under this head as revised by the Conservator amounts to Rs. 7,450.

	Rs.
Kurnool	1,500
South Arcot	4,270
Trichinopoly	2,000
Salem	2,500
Actuals for 1877-78	9,625
Sanctioned estimate for 1878-79	10,920
Conservator's regular estimate for 1878-79	10,200
Divisional Officers' budget estimate for 1879-80 ..	11,398

176. *VIII (f.) Other Works.*—The total estimate under this head amounts to Rs. 11,398. The principal Forest Divisions in which these charges are heavy and require explanation are in the divisions noted in the margin.

177. Of Rs. 1,500 entered in Kurnool Rs. 1,200 are provided for cutting a trench seven miles long 3×3 on the side of the Basiwapuram Forests to prevent fraudulent removals. The Conservator is of opinion that the trench proposed would form no prevention to timber stealers, and the amount provided should, therefore, be omitted.

178. The balance of Rs. 300 required for cutting blocking lines to distinguish different forest operations will be retained.

179. In South Arcot, Trichinopoly, and Salem provision is made for the up-keep of the existing fuel reserves and for meeting the cost of temporary establishments attached thereto. The total estimates provided are nearly the same as the sanctioned grant of the current year and will therefore be retained.

180. The estimates of other divisions will likewise be admitted, and the total estimate under this head amounts to Rs. 10,200.

181. The estimates under IX (*b*) and IX (*c*) will be retained with a small reduction under the latter head.

182. The total estimate under this main head of expenditure amounts to Rs. 1,89,000 against the sanctioned estimate of Rs. 1,63,000.

Particulars.	No.	Sanctioned Estimate for 1878-79.	No.	Budget Estimate for 1879-80.
		Rs.		Rs.
Conservator of Forests	1	14,400	1	14,400
Deputy Conservator of Forests, 1st Class	1	8,400	1	8,400
Do. do. 2nd Class	3	18,000	1	6,000
Do. do. 3rd Class	4	16,800	4	16,800
Difference between Military and Civil pay of Major Jago (Rs. 290-14-6)	...	3,492	...	3,492
Deputy Conservator of Forests, 4th Class	6	18,000	6	18,000
Personal allowance of the above	...	5,400	...	5,400
Travelling allowances of the above	...	24,600	...	21,000
Do. of Conservator of Forests	...	3,000	...	3,000
Probationary Assistant Conservator of Forests	3	7,200	2	5,200
Travelling allowance of do.	...	3,600	...	3,760
Assistant to the Conservator of Forests	...	3,000	...	3,000
Personal allowance of do.	...	600	...	600
Sub-Assistant Conservator of Forests	2	3,600	2	3,600
Travelling batta (for nine months)	...	1,080	...	1,080
Salary of Subordinate Establishments	...	84,588	...	84,588
Special and extra allowances of do.	...	1,200	...	1,200
Travelling allowance of do.	...	5,820	...	5,820
Extra batta of do.	...	16,680	...	17,072
Contingencies	...	4,864	...	7,832
Total ...	...	2,44,288	...	2,30,244

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Particulars.	No.	Sanctioned Estimate for 1878-79.	No.	Budget Estimate for 1879-80.
		Rs.		Rs.
Add Temporary Establishment charges of Cuddapah sanctioned in G.O., dated 29th September 1876, No. 1,380.	...	2,712	...	
Add ...	...	...	...	9,756*
Deduct the amount of savings effected as per G.O., dated 2nd April 1878, No. 507	...	17,000†	...	...
Net Amount ...	...	2,30,000	...	2,40,000

* This consists of permanent and temporary establishment charges as well as personal and acting allowances of certain officers as specified hereunder :—

Revised scale of Cuddapah Forest Division, sanctioned in G.O., dated 30th October 1877, No. 3,175, Revenue Department, viz. :—

		Month. Rs.	Year. Rs.	Rs.
One Ranger, 3rd Class		60		
Travelling Allowance		15		
One Forester		30		
Four Foresters at 7 Rs. each		28		
Six do. at 6 do.		36		
One Peon		7		
The amount of certain increase in the office establishment		1		
	Total ..	177	177	2,124
Captain Walker's temporary establishment as per G.O., dated 4th September 1878, No. 1,420,—				
One Clerk		30		
Two Peons at 8 Rs. each		16		
	Total ..	46	46	552
Personal allowance sanctioned in G.O., dated 28th June 1878, No. 980.				
Mr. Gass		100		
Mr. Peet		100		
	Total ..	200	200	2,400
Acting allowance granted to certain officers of the department who have been temporarily promoted to higher grades which have become vacant by these officers who having gone to Europe on furlough as particularised here below :—				
Mr. A. W. C. Stanbrough, Probationary Assistant Conservator of Forests, Acting 4th Class Deputy Conservator of Forests		50		
,, G. Hadfield, do. do., 3rd Class		70		
,, H. L. Wooldridge, do. do., ...		70		
,, E. W. Morgan, do. do., 2nd Class		100		
,, W. C. Hayne, do. do., 3rd Class		100		
	Total ..	390	390	4,680
	Total ..		813	9,756

† This sum composed of savings effected from the pay and allowances of certain officers of the department who having gone to Europe on two years' furlough leave as shown below :—

——	Pay.	Travelling Allowances	Total.
	Rs.	Rs.	Rs.
Mr. J. W. Cherry, Deputy Conservator of South Canara Division, gazetted 21st May 1878.	5,000	1,500	6,500
Mr. C. G. Duglas, Deputy Conservator of South Coimbatore Division, gazetted 7th May 1878.	4,887	1,088	5,975
Mr. E. H. Boileau, Probationary Assistant Conservator of Kurnool Division, gazetted 28th January 1878.	2,400	1,200	3,600
Total ..	12,287	3,788	16,075
Add—Mr. R. Williams, Deputy Conservator of Forests, in charge of South Coimbatore Division. Deduction in his pay on account of contribution to naval pension quarterly made at Rs. 275-10-10 per quarter.	1,103	..	..
Grand Total ..	13,390	3,788	17,178
Deduct the amount of increase provided against III (*d*) Sundries under Forest Central Office owing to the inadequacy of provision for the current year's estimate.	..	..	178
			17,000

CHAPTER III.

183. *B. Establishment and Contingencies.*—The total estimate under this main head of expenditure amounts to Rs. 2,42,000, and the subjoined statement shows the particulars of provision made for 1879-80 in comparison with the allotments sanctioned for the current year.

	Rs.
Actuals for 1877-78	2,22,626
Sanctioned estimate for 1878-79	2,30,000
Conservator's regular estimate for 1878-79 ..	2,33,000
Conservator's budget estimate for 1879-80 ..	2,42,000

Vide the statement attached herewith.

184.

—	Sanctioned Estimate for 1878-79.	Budget Estimate for 1879-80.	Difference.
	Rs.	Rs.	Rs.
I. Salaries	1,73,822	1,80,256	+ 6,434
II. Travelling allowances	51,172	51,912	+ 740
III. Contingencies	5,006	9,832	+ 4,826
Total ...	2,30,000	2,42,000	...

185. The increase under I Salaries is due for the same reason as stated under the regular estimate.

186. The increase under III Contingencies is due to provision having been made in the estimate of the Central Office for purchase and supply of warm clothing to the Forest Guards and Office Peons belonging to the Subordinate Establishments as well as to the transfer of office rent to Imperial from Provincial.

187. In conclusion the Conservator will briefly explain the circumstances under which he has revised the estimates of the Divisional Officers.

188. The subjoined abstract will show the actuals of the Forest Department for 1877-78, the sanctioned and regular estimates of the current year, and the budget estimate of 1879-80 under receipts and expenditure :—

—	Actuals, 1877-78.	Sanctioned Estimate of 1878-79.	Regular Estimate of 1878-79.	Budget Estimate of 1879-80.
	Rs.	Rs.	Rs.	Rs.
Receipts	4,04,764	4,34,000	4,05,000	4,54,000
A. Conservancy and Works ...	1,59,867	1,63,000	1,69,000	1,89,000
B. Establishment and Contingencies .	2,22,626	2,30,000	2,33,000	2,42,000
Total ...	3,82,493	3,93,000	4,02,000	4,31,000
Surplus	22,271	41,000	3,000	23,000

189. From the above it will be observed that although the net results of the sanctioned estimate show a surplus of Rs. 41,000, the regular estimate shows a very small balance of Rs. 3,000 in favor of the department. This abnormal result is due to the reasons stated below :—

1. Under receipts the total regular estimate compared with the sanctioned estimate shows a decrease of Rs. 29,000, and it is due to the supplies of timber to the Public Works Department and other Public Departments of Nilgiris and South Coimbatore Divisions having fallen short of the estimated quantity, less sandalwood collection and to seigniorage collections from timber having been reduced with reference to the actuals of the first five months of the current year from Rs. 62,600 to Rs. 48,600.

The increase in the receipts of the budget estimate for 1879-80 is chiefly due to large quantity of teak being expected to be taken by the Gun Carriage Manufactory, and to the prospective improvement in the condition of the people generally.

1975/10

As regards the charges under regular estimate there is not a great increase compared with the sanctioned grant.

There is a large increase in the total budget estimate for 1879-80 under A "Conservancy and Works" compared with the regular estimate of the current year, and it is chiefly attributable to more funds having been provided for surveys and plantations and to certain buildings being proposed to be erected for providing accommodation to Forest Officers.

The increase under establishments is, as has been previously stated, owing to personal allowance being granted to certain superior officers and to provision having been made for rents, taxes, &c., and for the supply of warm clothing to the low paid subordinates of the department.

SUBMITTED to Government.

2. The Conservator's estimate of receipts for 1879-80 is in excess of the sum realised in any one of the last 7 years, and the Board consider that it is too sanguine. The estimate may well be reduced to Rupees 4,25,000; the entries under I (*a*) Timber removed from the Forests by Government agency and II (*e*) other minor produce appear especially high.

	Actuals.
	Rs.
1871-72	4,19,000
1872-73	4,19,000
1873-74	4,49,000
1874-75	3,64,000
1875-76	4,26,000
1876-77	4,15,000
1877-78	4,05,000
Sanctioned Estimate, 1878-79 ...	4,34,000
Regular Estimate, 1878-79	4,05,000
Estimate	4,54,000

3. The conservancy and working charges are estimated at Rupees 1,89,000 and the establishment charges at Rupees 2,42,000, total Rupees 4,31,000, which is Rupees 6,000 more than the Board's estimate of receipts. The establishment charges cannot be reduced, but under working charges the Board think that the estimate may be reduced as shown below :—

—	Conservator's Estimate.	Board's Estimate.	Actuals of 1877-78.	Regular Estimate for 1878-79.
	Rs.	Rs.	Rs.	Rs.
(*b*) Firewood and charcoal	6,300	6,000	2,925	5,700
I. (*c*) Grass and other produce	7,000	5,000	3,740	4,000
II. Timber and other produce removed by consumers and purchasers	10,300	3,300	6,841	8,500
VII. (*b*) Buildings	11,170	7,100	2,414	6,260
VIII. (*c*) Surveys and working plans	4,500	3,500	1,058	2,350
(*d*) Plantations...	30,500	29,000	29,008	22,000
(*e*) Protection from fire	7,450	7,000	3,963	7,000
Total ...	77,420	66,100	49,949	55,810

The Board's estimate will stand thus :—

	Rs.
Receipts	4,25,000
Charges	4,22,500

The reduction proposed by the Board in receipts is on the whole proportionately greater than that in the charges, but excluding establishment charges which cannot be curtailed, the proportion of reduction in receipts and charges is about the same.

—	—	Reduction.	Percentage of Reduction.
	Rs.	Rs.	
Receipts	4,54,000	29,000	6·4
Working Charges	1,89,000	11,230	6·0

No. 90. ORDER THEREON, 7th December 1878, No. 1,975.

Forests, No. 7.

Actuals.—THE various estimates that were from time to time framed in regard to the expenditure and receipts of the Forest Department during 1877-78, and the actual financial results of the year, are shown in the following table :—

		Budget Estimate.	Regular Estimate proposed by Conservator.	Regular Estimate revised by Government.	Later figures telegraphed by Conservator to Government of Madras and accepted by them	Actuals.
		RS.	RS.	RS.	RS.	RS.
Receipts		4,50,000	4,40,000	4,31,000	3,76,000	4,04,764
Charges.	A. Conservancy and Works ..	2,00,000	1,90,000	2,00,000	1,52,000	1,59,867
	B. Establishment	2,20,000	2,19,000	2,20,000	2,13,000	2,22,626
	Total ..	4,20,000	4,09,000	4,20,000	3,65,000	3,82,493
Surplus		30,000	31,000	11,000	11,000	22,271

2. In dealing with the actuals the Conservator makes some comparison with those of 1876-77, but omits to notice that there was an appreciable net revenue of Rs. 22,271 against only Rs. 1,342 in the previous year. Moreover he makes no reference to the estimates for the year itself and the differences that have arisen; but these are important, for the causes which led Colonel Beddome so late in the year as February last to under estimate the receipts by Rs. 28,764 and the charges by Rs. 17,493 may still be at work and affect the estimates now framed.

3. REGULAR ESTIMATE, 1878-79—*Receipts.*—The estimate for the current year and the regular estimate now prepared by the Conservator on the actuals of five months are compared below :—

	Sanctioned Budget Estimate.	Regular Estimate.
	RS.	RS.
Receipts	4,34,000	4,05,000
Charges .. .. A.	1,63,000	1,69,000
Charges .. .. B.	2,30,000	2,33,000
	3,93,000	4,02,000

It thus appears that the revenue now expected is much the same as that of last year, and that the increased demand for forest produce that was hoped for with an improved condition of the country has not shown itself and is not anticipated. The Government fear this estimate is well founded.

4. *Charges.*—Under expenditure on A. "Conservancy and Works" on the other hand additional sums have been entered chiefly in connection with operations which, though not directly lucrative, are extremely important. Thus the proposed outlay on demarcation has risen from Rs. 4,200 to 6,250, and that on "protection from fire" from Rs. 3,500 to Rs. 7,000.

5. There is also an increase under B. "Establishments" necessitated by the grant of certain personal allowances under the sanction of the Government of India, and the Conservator's regular estimate is accordingly accepted under all heads.

6. BUDGET ESTIMATE, 1879-80—*Receipts.*—The receipts, *estimated for 1879-80, are far in excess of the actuals of 1877-78 and the regular estimate of the current year, though the Conservator has made considerable reductions in the amounts proposed by District Officers.

	RS.
Viz., Actuals, 1877-78	4,04,764
Regular Estimate, 1878-79	4,05,000
Budget Estimate, 1879-80	4,54,000

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The main increases are under the following heads :—

	Actuals, 1877-78.	Regular, 1878-79.	Budget Estimate.
	RS.	RS.	RS.
I. (*a*) Timber removed by Departmental Agency ..	1,02,062	1,60,000	1,96,000
I. (*c*) Grass and other minor produce ..	9,975	8,850	13,000
II. (*c*) Other minor produce ..	9,231	19,800	21,000

In I (*a*) the District Officers' estimate was nearly one lakh higher than that now proposed. The chief reduction has been made in the case of South Coimbatore where the Deputy Conservator had estimated for a revenue from this source of 1,41,000. The Conservator's reasons for rejecting this estimate seem sound, and the total revenue expected under this head is so much above anything that has been realized of recent years that the Government consider a still further reduction advisable and would fix the amount at Rs. 1,70,000 or Rs. 10,000 above the regular estimate of the current year.

In I (*c*) the revenue is mainly derived from gallnuts which are ordinarily obtainable and command a ready sale, but no reason is assigned for the high estimate under II (*c*) which will be reduced to Rs. 18,000.

7. The total revenue now estimated for, Rs. 4,25,000, is in excess of the average† of the last five years (Rs. 4,14,991), but is in close approximation to the actuals of 1875-76, the year before the famine, and may thus be fairly anticipated.

	RS
† 1873-74	4,64,194
1874-75	3,64,326
1875-76	4,26,359
1876-77	4,15,312
1877-78	4,04,764
Average ..	4,14,991

8. *Expenditure.*—The Conservator estimates for a total expenditure in 1879-80 of Rs. 4,31,000, viz. :—

	RS.
Conservancy and Works ..	1,89,000
Establishment	2,42,000
	4,31,000

The charges under each main head during the last five years are shown in the margin.

	A. Conservancy and Works.	B. Establishment.	Total.
	RS.	RS.	RS.
1873-74	1,75,370	1,77,814	3,53,184
1874-75	2,21,864	1,76,008	3,97,872
1875-76	2,89,945	1,90,138	4,80,583
1876-77	1,94,913	2,19,027	4,13,970
1877-78	1,59,867	2,22,626	3,82,493
Average ..	1,98,398	1,97,122	3,95,520

In considering the receipts the Government have given reasons for framing a lower estimate than that of the Conservator, and the funds provided by him for working charges will therefore not be fully needed. The following alterations will accordingly be made :—

	Conservator's Estimate.	Government Estimate.	Difference
	RS.	RS.	RS.
I. (*a*)	66,000	60,000	6,000
I. (*b*)	6,800	3,500	3,300
I. (*c*)	7,000	5,000	2,000
II.	10,500	8,500	2,000
Total ..			13,300.

As regards I (*b*) and I (*c*) the Government are aware that an increased revenue is expected, but the additional expense is out of all proportion to the cost of realizing the actual receipts in the past year, *e.g.*—

	Increased Revenue.	Increase in Cost of Collection.
	RS.	RS.
I. (*b*)	1,826	3,875
I. (*c*)	3,025	3,260

The receipts expected from II "Timber and other produce removed by consumers &c.," are apparently below those of 1877-78, while the cost of collection was to be far higher (Rs. 3,659). It is now put at the same figure as that of the regular estimate.

9. Under the head Buildings there is already a large outlay caused by the erection of a Forest Officer's bungalow in Kurnool, but in addition to this it is necessary to provide for the buildings in Wynad referred to in G.O., 5th October 1878, No. 1,609, and Rs. 12,000 will be entered on this account as the Conservator appears to have been able to set apart already Rs. 6,000 from General Savings in the current year's budget. The total estimate under this head will thus be raised to Rs. 23,170, and the estimated expenditure under Conservancy and Works will then amount to Rs. 1,87,700.

Vide letter forwarded to Government with endorsement, dated 14th November 1878, No. 1,280.

10. The estimate under "B. Establishments," Rs. 2,42,000, shows a considerable increase under certain sub-heads, not merely over the actuals of 1876-77 and 1877-78, but over the regular estimate of the current year as shown in the following table :—

	Actuals, 1876-77.	Actuals, 1877-78.	Regular Estimate, 1878-79.	Budget Estimate, 1879-80.
	RS.	RS.	RS.	RS.
I. (*c*)	61,908	57,723	62,023	64,428
I. (*d*)	23,230	24,871	25,818	26,256
II. (*c*)	7,976	7,615	16,812	21,008
II. (*d*)	2,020	1,207	2,639	3,144
III. (*d*)	2,660	2,830	2,788	5,410

11. Under the exceptional circumstances of the year no increase of charges can be permitted, and the above estimate for 1879-80 will accordingly be regulated by the amounts estimated for the current year and stand as follows :—

	RS.
I. (*c*)	62,000
I. (*d*)	25,500
II. (*c*)	16,500
II. (*d*)	2,000
III. (*d*)	3,000

This curtailment is made with the less regret as it is observed that the regular estimate provides for an enlarged subordinate establishment and a material increase to their batta.

12. The Budget estimates as now revised and approved are therefore as follows :—

	Actuals, 1877-78.	Regular Estimate, 1878-79.	Budget Estimate, 1879-80.
	RS.	RS.	RS.
Receipts	4,04,764	4,05,000	4,25,000
Charges	A. 1,59,867	1,69,000	1,87,700
	B. 2,22,626	2,33,000	2,30,754
Total ...	3,82,493	4,02,000	4,18,454

(True Extract.)

(Signed) L. A. CAMPBELL,
Under-Secretary to Government.

To the Accountant-General, with five enclosures.
„ the Board of Revenue.
„ the Conservator of Forests.
„ the Financial Department.

Exd. W. H. French.

Accompaniments

Original

Govt. of [1878] Madras.

REVENUE.

To

The ACCOUNTANT-GENERAL,

&c., &c., &c.

Dated December 1878.

Dated 22nd January 1879.

DECEMBER.

Nos. 89-90.

Forest Budget.—Reviewing and passing the Forest Budget submitted by the Board of Revenue for 1879-80.

Revenue Department

No 3017.

69B/19

Proceedings of the Board of Revenue
Dated 9th November 1878.
Read the following:-

No 1133-A.

From

Colonel R. H. Beddome
Conservator of Forests

To

The Secretary to Government, N.D.
Through
The Secretary to the
Board of Revenue
Madras.

Sir,

I have the honor to submit my budget Estimate of the Forest Department for 1879-80 together with the enclosures noted in the margin.

1. Explanatory note and
2. The last sanctioned Scale of Establishment

2. Upon the suggestion of the Government of India that the "explanatory note may now be made less voluminous" the Government in their order dated 2nd April 1878, No 507, direct that it should be condensed.

3. In the Resolution of the Government of India about the preparation of the Budget Estimate and the explanatory note which accompanies

accompanies it, instructions are so given

that detail information about quantities, rates &c should invariably suppost figures entered in the budget; for instance under para 34 of the resolution, the particulars of a demarcation work are so distinctly enumerated that it

seems quite necessary that I should follow the same plan in preparing my explanatory note moreover if the general budget is printed with particulars of different works showing quantities, rates &c it affords a ready reference for comparing the actual work done with the Estimate.

4. I have however omitted certain statements in the note which are comparatively of less importance.

5. I regret the delay in submitting these

* Demarcation by a trench 3'x3' masonry boundary pillars at 2000 ft and intermediate pillars at 200 ft apart of forest B and C being an estimated length of 19 miles

trenching as follows

Clearing jungle @ Rs 3 per mile	57-0-0
Trenching at Rs 2 per 100 cft	1800-0-0
50 masonry pillars at Rs 12 each	600-0-0
500 intermediate pillars of piles of stone with a stout post bearing several number in the centre at Rs 2 each	1000-0-0
	3457-0-0

It is not sufficient to say "so many miles of demarcation work are expected to be done during the year."

these documents but it has been unavoidable as some of the Divisional Officers' budgets were only received through the Collectors a few days ago.

I have &c

Office of Conservator of Forests, Ootacamund 23rd October 1878

(Signed) R. H. Beddome Lt Col
Conservator of Forests

Forwarded to Government through the Board of Revenue, agreeably to G.O. No. 1689 dated 15 November 1876, Rev. Dept

Ootacamund 23rd October 1878

(Signed) R. H. Beddome Lt Col
Conservator of Forests

Submitted to Government.

2 The Conservator's estimate of receipts for 1879-80, is in excess of the sum realized in any one of the last 7 years, and the Board consider that it is too sanguine. The estimate may well be reduced to Rs. 425,000, the entries under I (a) Timber removed from the Forests by Govt Agency and II (E) other minor produce appear especially high.

	Actuals
1871-72	419,000
1872-73	419,000
1873-74	449,000
1874-75	364,000
1875-76	426,000
1876-77	415,000
1877-78	405,000
Sanctioned Estimate 1878-79	434,000
Regular Estimate 78-79	405,000
Estimate	452,000

The

3. The Conservancy and working charges are estimated at Rs. 189,000 and the establishment charges at Rs. 242,000 - total Rs. 431,000, which is Rs. 6000 more than the Board's estimate of receipts. The establishment charges cannot be reduced, but under working charges the Board think that the estimate may be reduced as shewn below:-

	Conservator's Estimate	Board's Estimate	Actuals of 1877-78	Regular Estimate for 1878-79
I (b) Firewood and Charcoal	6,800	6,000	2925	5700
(c) Grass and other produce	7000	5,000	3740	4000
II. Timber and other produce removed by Encumbers and purchasers.	10,500	8,500	6841	8500
III (b) Buildings	11,170	7190	2,444	6260
VII (c) Survey & working plans	4500	3,500	1058	2350
(d) Plantations	30,000	29,000	29,008	22,000
(e) Protection from fire	7,450	7,000	3963	7000
Total	77,420	66,190	49,949	55810

The Board's Estimate will stand thus:-

Receipts.- 4,25,000

Charges.- 422,500

The reduction proposed by the Board in

1923
2

in receipts is on the whole proportionately greater than that in the charges, but excluding establishment charges which cannot be curtailed, the proportion of reduction in receipts and charges is about the same.

		Reduction	Per Centage of Reduction
Receipts	452,000	29000	6.4
Working charges	189,000	11230	6.0

(True Copy & Extract)

Ag Secretary

To

The Secretary to Government &c.

with 5 enclosures.

1975/2

Note.

The actual Expenditure during each of the last four years is entered in the margin of para 8 as desired by the Hon'ble Mr. Middleton. The average is Rs 395520 against Rs 435700 now proposed for 79/80 but the increase is entirely due to the expenditure on Establishment. On Conservancy & works it is proposed to spend only Rs 193700 against Rs 198348 the average of 6 years. The former item is very similar to that spent in 77 & Receipts under the

† In reference to para 183 of the Conservator's Explanation note will show that no reduction is now possible under this head.

Revenue Despatch
Proceedings of the

Board of Revenue

SOR 1975 / Records
1978

Despatch 4 November 1878
Cost 4111 — do — 26

Ex 6
Public Works Department
Para

Submitting for Government sanction the annexed Budget Estimate of the Forest Establishment for 1879-80.

Rs 5,54,415

Accounts Branch
Rec'd 21 Nov 1878
Registered 22 Nov 1878

same amount are also estimated for 27.

	Receipt.	Expenditure on Irrigation proper
1927	4,13,970	1,94,943
1928	4,25,000	1,93,700

The probable deficit is due to the system of charging against current Revenue such items as buildings etc, purchase of cattle & compensation for land which are more properly charged against Capital. In the present year it has now been found possible to reduce the money to be spent on Buildings by Rs 1000 as Col Beddome has been able to set apart that amount from

vide his letter dt: 16th Nov: 28 No 1279 (Irrig)

1927/28

"General saving in the Budget Estimate of the current year."

The probable deficit will therefore now be only Rs 4700.

Gle

No 4960

No 1975 of 7 Dec 1878

Annual Report on the Income & Expenditure of the Forest Department for the year 1877-78.

Read Proceedings of the Board of Revenue dated 9th November 1878; No 3017.

1923/28

Sent to the Press for publication 6.12.78

Actuals

The various estimates that were from time to time framed in regard to the expenditure and receipts of the Forest Department during 1877-78, and the actual financial results of the year are shown in the following Table:-

	Budget Estimate	Revised estimate prepared by Conservator	Revised Estimate as sanctioned by Government	Later figures as calculated by Conservator & communicated by Madras and accepted by them	Actuals
Receipts	4,50,000	4,20,000	4,31,000	3,76,000	4,04,981
Charges: Conservancy and Establishments	2,00,000	1,90,000	2,00,000	1,52,000	1,59,867
Establishments	2,24,000	2,19,000	2,20,000	2,13,000	2,22,626
Total	4,20,000.	4,09,000	4,20,000	3,65,000	3,82,493
Surplus	30,000	31,000	11,000	11,000	22,771

The 5 years actuals are not shown in the margin as required by Govt. Sale & Transfer Rules, as the amounts of these items are small, & the totals of the 5 years would not be of much interest. Actuals are given in the Statement appended.

2

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R.C. 17 Sept 78 Board 28

2 In dealing with the Actuals the Conservator makes some comparison with those of 1876-77, but omits to notice that there was an appreciable net revenue of Rs 22,271 against only Rs 1342 in the previous year. Moreover he makes no reference to the Estimate for the year itself and the differences that have arisen, but these are important for the causes which led Col. Beddome so late in the year as February last to underestimate the receipts by Rs 28,764, and the charges by Rs 17,493 may still be at work and affect the Estimates now framed

P.C. Reports 1

Regular Estimate 1878/79 3. 1975/V The estimate for

Receipts.

the current year and the regular estimate now prepared by the Conservator on the actuals of five months are compared below

	Sanctioned budget Estimate	Regular Estimate
Receipts	4,34,000	4,05,000
Charges A.	1,63,000	1,69,000
Charges B.	2,30,000	2,33,000
	3,93,000	4,02,000

It thus appears that the revenue now expected is much the same as that of last year and that the increased demand for forest produce that

that was hoped for with an improved
condition of the country
has not shown itself as it
has not anticipated. The
Government fear this
estimate
anticipation is still
founded.

4. Under expenditure Charges
on "Conservancy & Works"
on the other hand
additional sums have
been entered chiefly in
connection with
operations

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operations which, though
not directly lucrative,
are extremely important.
This the proposed outlay
on demarcation has risen
from Rupees 4,200 to
6,250 and that on "protect-
ion from fire" from
Rupees 3,500 to Rupees
7,000. (This is as it
should be.)

Underestimating or
Not as to state

5 There is also
an increase
under

under B. "Establishments"
necessitated by the
grant of certain
personal allowances
under the sanction
of the Government of
India, and the Conserva:
:tor's regular
estimate is accor:
:dingly accepted
under all heads.

The

1925/27

Budget estimate 1879/80.

Receipts.

Vide Actuals 1877/78 - £1047 bis.
Regular Estimate 1878/79 - £85,000
Budget Estimate 1879/80 - £154,000

6. The receipts estimated for 1879/80 are far in excess of the actuals of 1877/78 and the regular estimate of the current year though the Conservator has made considerable reductions in the amounts proposed by District Officers.

The main increases are under the following heads.

	Actuals 1877-78	Regular 1878-79	Budget Estimate
I(a) Timber removed by Departmental Agency	102,062	—	160,000–170,000
I(b) Grass and other minor produce	9975	—	8850–13,000
II(b) Other minor produce	9231	—	17800–21,000

In I(a) the District Officer's estimate was nearly one lakh higher than that now proposed. The chief reduction has been made in the case of South Coimbatore where the

the Dy. Conservator had estimated for a revenue from this source of 1,41,000. The Conservator's reasons for rejecting this estimate seem sound, and the total revenue expected under this head is so much above anything that has been realized of recent years that the Govt. consider a still further reduction advisable and would fix the amount at Rs 1,20,000 or Rs 20,000 above the regular estimate of the current year.

In I(B). the revenue is mainly derived from Salbum timber which are ordinarily obtainable and command a ready sale, but no reason is assigned for the high estimate under it (C) which will be reduced to Rs 18,000

7. The total revenue now estimated for Rs 4,26,000 is in excess of the average of the last five years (Rs 4,04,991. Each

1873-74 - 4,64,194
1874-75 - 3,64,326
1875-76 - 4,26,359
1876-77 - 4,15,312
1877-78 - 4,04,764
average 4,04,991

but is on close approximation to the actual of 1875/76 - the year previous to the famine and may thus be fairly anticipated.

Expenditure

8. The Conservator estimates for a total Expenditure in 1879/80 of Rs 4,31,000.

viz. Conservancy & works } Rs 1,89,000
Establishment 2,42,000.
Rs 4,31,000

In considering the receipts the Government have given no reasons

	A. Conservancy & Works	B. Establishment	Total
1873-74	1,75,370	1,77,814	3,53,184
1874-75	2,21,864	1,76,008	3,97,872
1875-76	2,39,945	1,90,138	4,30,083
1876-77	1,94,943	2,19,027	4,13,970
1877-78	1,59,867	2,22,626	3,82,493
Average	1,98,398	1,97,122	3,95,520

⊙ The charges under each main head during the last five years are shown in the margin.

reasons for framing
a lower estimate
than that of the
Conservator & the funds
provided by him for
working charges
will therefore not
be fully needed
The following alter
-ations will accord=
=ingly be made:

	Conservator's Estimate,	Govt Estimate	Difference
I(a)	66,000	60,000	6,000
I(b)	6,800	3,500	3,300
I(c)	7,000	5,000	2000
II	10,500	8,500	2000
			13,300

As regards I b
and I c the Govt
are aware that
an increased
revenue is ex=
=pected, but the
additional ex=
=pense is out of
all proportion
to the cost of
realizing

(c)

realizing the actual receipts in the past year. E.G.

	Increased revenue	Increase in cost of collection
I(b)	Rs 1826	38/5
I(c)	Rs 3025	3260

The receipts expected from "timber and other produce removed by consumers" are apparently below those of 1877/78 while

1875/30 10

while the cost of collection was to be far higher (Rs 3859). It is now put at the same figure as that of the regular estimate.

9. Under the head buildings there is already a large outlay caused by the erection of a forest officer's bungalow in Kurnool, but in addition to this it is necessary to provide for the buildings in Wynaad referred to in G.O. 5th October 1878 No. 1169 and Rs 12,000 will be entered on this account as the Conservator appears to have been able to set apart already Rs 6,000 from general savings in the current year's budget. The total estimate under this

Vide letter forwarded to Govt. with endorsement dt/ 14th Nov. 1878 No. 1280.

thus head will thus be raised to Rs 23,170 and the estimated expenditure under Conservancy and Works will then amount to Rs 187,700.

10. The estimate under "B. Establishments Rs 242,000 shows a considerable increase under certain subheads not merely over the actuals of 1876/77 and 1877/78, but over the regular estimate of the current year as shown in the following table.

	Actuals 1876-77.	Actuals 1877-78.	Regular Estimate 1878-79.	Budget Estimate 1879-80.
I, (c)	61,908	57,723	62,023	64,425.
I, (d)	25,230	24,871	25,818	26,256
II, (c)	7,976	7,615	16,812	21,008
II (d)	2,020	1,207	2,639	3,144
III (d)	2,660	2,830	2,788	5,410

11. Under the exceptional

no increase of charges can be permitted and the above estimates for 1879/80 will accordingly be regulated by the amounts ~~required~~ estimated for the current year and stand as follows.

I (c) 62,000.
I (d) 25,500.
II (c) 16,500.
II (d) 2,000.
III (d) 3,000.

This curtailment is made with the less regret as it is observed that the regular estimate provides for an enlarged subordinate establishments and a material increase to their batta.

12. The Budget estimates as now revised and approved are therefore as

as follows.

	Actuals. 1877-78.	Regular Estimate 1878-79.	Budget Estimate 1879-80.
Receipts	4,04,764	4,05,000	4,25,000.
Charges. A.	1,59,867	1,69,000	1,87,700
Charges. B.	2,22,626	2,33,000	2,30,754
Total.	3,82,493	4,02,000	4,15,454

Add Cap, to the Recommended
b Provided capex Rs. 22 lacs
14 the Board of Revenue
21 the Conservators Forests
5 — the Financial Secy

100

Forest Budget
Estimate for
1879-80.

Govt 1975
7-12-1878

RC. 5 Dec/78 R. 6 Dec/78.
RC 27-11-78 R. 27-11-78
" 23-11-78 R. 25-11-78.