



GOVERNMENT OF GUJARAT

Annual Administration Report
of the
FOREST DEPARTMENT
FOR
the year 1975-76



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for the Year 1975--76.

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CHAPTER—I
ADMINISTRATION

1. During the year under report, the charge of the post of Chief Conservator of Forests was held by the following persons as head of the Forest Department as detailed below :—

1. Shri R. I. Patel From 1-4-75 to 30-6-75
2. „ M. K. Dalvi „ 1-7-75 to 30-12-75
3. „ K. P. Karamchandani „ 31-12-75 to 29-1-76
4. „ M. K. Dalvi „ 30-1-76 to 31-3-76

1. The charge of Addl. Chief Conservator of Forests was held by the following Officers :—

1. Shri M. K. Dalvi From 1-4-75 to 30-6-75
2. „ K. P. Karamchandani „ 1-7-75 to 31-3-76

2. The charges of the several Circles were held by the Conservators of Forests as follows :—

S. No.	Name of the Forest Circle	Name of the Conservator of Forests.	Duration.	
			From	To
1	2	3	4	5
1.	Surat	Shri M. S. Khanchandani	1-4-75	1-5-75
		„ D. M. Naik	2-5-75	10-5-75
		„ M. S. Khanchandani	11-5-75	31-10-75
		„ B. K. Jhala	1-11-75	15-11-75
		„ M. S. Khanchandani	16-11-75	31-3-76
2.	Vadodara	Shri P. K. Vasavada	1-4-75	7-8-75
		„ M. A. Rashid	8-8-75	17-8-75
		„ P. K. Vasavada	18-8-75	9-11-75
		„ M. A. Rashid	10-11-75	29-11-75
		„ P. K. Vasavada	30-11-75	31-3-76

S. No.	Name of the Forest Circle	Name of the Conservator of Forest	Duration	
			From	To
1	2	3	4	5
3.	Junagadh	Shri J. A. Dave	1-4-75	21-9-75
		" J. R. Desai	22-9-75	7-10-75
		" J. A. Dave	8-10-75	31-3-76
4.	Gandhinagar	Shri M. N. Vaishnav	1-4-75	23-11-75
		" B. K. Jhala	24-11-75	14-12-75
		" M. N. Vaishnav	15-12-75	31-3-76
5.	Research and Working Plans, Vadodara.	Shri K. P. Karamchandani	1-4-75	11-6-75
		" M. A. Rashid	12-6-75	23-10-75
		" P. K. Vasavada	24-10-75	9-11-75
		" M. A. Rashid	10-11-75	31-3-76
6.	Wild Life, Junagadh.	Shri K. K. Acharya	1-4-75	14-8-75
		" J. A. Dave	15-8-75	31-8-75
		" K. K. Acharya	1-9-75	31-3-76
7.	Extension Circle, Ahmedabad.	Shri A. S. Kapashi	1-4-75	5-5-75
		" B. K. Jhala	6-5-75	31-3-76
8.	Extension Circle, Rajkot.	Shri B. P. Lakhani	1-4-75	13-5-75
		" J. R. Desai	14-5-75	31-3-76

3. **Deputation.**—During the year Shri S. A. Shah, Conservator of Forests, and Shri S. K. Sinha, Dy. Conservator of Forests continued to be on deputation to the Government of India. Shri Ashok Kumar, Dy. Conservator of Forests, has also been sent on deputation to the Northern Forest Rangers College, Dehradun as an Instructor from 2-6-75.

4. **Promotion.**—During the year the following persons of the Department were promoted :—

S.No.	Name and Designation	Promoted as	Date of promotion
1	2	3	4
1.	Shri K. D. Gaonkar	Asstt. CF	Dy. Conservator of Forests.
2.	Shri G. B. Joshi	—do—	—do—
3.	Shri M. B. Chauhan	R.F.O.	Asstt. CF.
4.	Shri K. N. Rana	R.F.O.	—do—
5.	Shri A. B. Kumpavat	R.F.O.	—do—

CONSTITUTION OF FORESTS

1. Forest Area (Statement No. 1) :

At the end of the year the forest area in the State was 18892.43 Sq.Kms. which constituted about 9.64 percent of the total area of the State. The area is divided into four forest Circles as under :—

Sr.No.	Name of the Circle.	Forest area (Sq.Kms.)
1.	Surat	5811.13
2.	Vadodara	3158.31
3.	Junagadh	4243.39
4.	Gandhinagar	5679.60
Total		18892.43

Moreover 12493.36 Kms. of Roadside and Canal Bank area is declared as a Forest area and handed over to this department for afforestation purposes.

2. Settlement of forest area : (Statement No. 2) :

At the beginning of the year 3438.84 Sq.Kms. of area remained to be settled, out of which an area of 1246.95 Sq.Kms. was settled during the year. Settlement of new area of about 775.64 Sq. Kms. was under-taken during the year.

3. Demarcation : (Statement No. 3) :

In this year boundary marks in 19598 Kms. of forest border were repaired. Besides in 188 Kms. new demarcation work was carried out.

4. Survey of Forest Area (Statement No. 4) :

The survey of India has so far surveyed 6124 Sq.Kms. of Forest, but during the year under report, no survey of forest was undertaken.

FOREST MANAGEMENT AND EXPLOITATION

1(a) Forest management regulation : (Statment No. 5) :

The area under sanctioned Working Plans was 12020.32 Sq. kms. and under Working Schemes was 1479.53 Sq.Kms. which comes to 13499.85 Sq.Kms. in all Thus about 71.46 percent of the total forest area was under scientific management.

Preparation of new Working Plans and revision of old Working Plans was undertaken as detailed below :—

Working Plans for forests of Vyara Division, Mandvi Range of Rajpipla Division and Gir Division have been printed and their implementation has been started.

The work of preparation of working plans for forests of Bansda Range of Bulsar Division, Sabarkantha Division and Bhavnagar, Surendranagar and Jamnagar Divisions of Junagadh Circle is in progress.

(b) Sale of Forest Coupes :

During the year 455 annual coupes of the forest were felled, out of which 354 coupes were entrusted to 132 forest Labourer's Co-operative Societies while Working of 19 coupes was undertaken departmentally.

2. Roads and Buildings :

Expenditure incurred on Roads and Buildings was as under:-

Item.	Expenditure (Rs.)
Roads	6,90,030
Buildings	1,24,884
Other Works	577
Total	8,15,491

3. Protection of Forests (Statement No. 6) :

(a) Information about forest offences is as follows :—

Sr. No.	Types of offences	Number
1.	Fire	452
2.	Theft of wood	15090
3.	Unauthorised Grazing	2614
4.	Other Offences	11462
	Total	29598

(b) Damage caused to forests by fire (Statement No. 7) :

During the year an area of about 18892.43 Sq. Kms. was under protection against fire. However 432 cases of fire covering an area of 113.97 Sq. Kms. were noticed during the year. Expenditure incurred in connection with protection was Rs. 1,56,780.

(c) The position of grazing by animals in forests (Statement No. 8) :

Sr. No.	Kind of animals.	Period	Area in Sq.Kms.
1.	For all animals	Closed for the whole year	2421.54
2.	For all animals	Open for a part of the year	3404.26
3.	For all animals except sheep and goats.	Open throughout the year	7339.13
4.	For all animals except sheep and goats.	Open for a part of the year	204.76
5.	For all animals	Open throughout the year	5522.75
	Total		18892.43

(d) Disposal of Forest Offences. (Statement No. 6) :

Old cases pending at the commencement of the year	11270
New cases registered during the year	29598
Total No. of cases	40868
No. of cases disposed during the year	23841
Cases of absconding offenders during the year	3327
Cases pending at the close of the year	13700

Out of the 23841 cases disposed of during the year, 22841 cases were compounded departmentally. Out of 1773 prosecutions lunched in the court, 96 cases resulted in acquittal, while in 904 cases the court ordered punishment. Besides in 3327 cases the offenders are not traceable.

4. Sale of Khair Trees :

The following three Katha factories were permitted to remove Khair trees for manufacturing Katha and Catechu, at royalty fixed by the Government.

Sr.No.	Name of the Factory.	No. of trees allowed
1.	The Narmada Valley Chemicals, Rajpipla	4647
2.	Shri Fakhruddin Badruddin, Vyara	2868
3.	Shri New Laxmi Oil & Chemical works Pvt. Ltd. Derol	3047
	Total	10562

In addition, the following carpenters and black-smiths co-operative societies were allotted Khair trees for manufacture of nave of cart-wheels.

(1) Khatalwad wood workers and Productive Co-operative Society. 220

5. Outturn of timber, fuelwood and minor forest produce (Statement No. 10 & 11) :

Outturn from the State Forests during the year was 148500 cubic meters of timber and 126500 tonnes of fuelwood. Over and above this, revenue amounting to Rs. 59,55,822 was raised from minor forest produce during the year.

5. Waghai Saw Mill :

The Forest Department owns a Saw Mill at Waghai in Dangs. Defective and non-salable whole pieces received from the coupes are sawn at this Mill. During the year the Mill worked for 308 days. The production of sawn goods was as under :—

Production.	Cubic meters.		
	Teak	Miscellaneous.	Total
1. Scantlings ..	165	81	246
2. Planks ..	518	127	645
3. Battens ..	374	19	393
Total ..	1057	227	1284

This year, in all 2741 cubic meters of round wood was sawn in this Mill. Thus daily average intake and out-put of the Mill was 8.90 and 4.17 cubic meters respectively.

7. Wood Seasoning Kiln :

This year 493 cubic meters of miscellaneous wood was processed in this Kiln. The revenue and expenditure during the year was Rs. 63092 and Rs. 27889 respectively.

8. Wood Preservation Plant :

In this plant wood is given "ASCU" to protect it against decay. In this year 556 cubic meters of rafters were treated in this plant. During the year the revenue and expenditure was Rs. 77,750 and Rs. 65,764 respectively.

9. Wireless Stations :

For immediate exchange of communications regarding out break of forest fires in the Dangs forest Division, Six Wireless Stations and a mobile set are installed. They are under control of Ahwa station. The Police Department has provided a Radio Mechanic for repairs and maintenance of the sets. For performing duty at Wireless Stations, the clerks of the Department have been given necessary training. Hence they perform additional duty at present for which they are paid Rs. 25/- per month as remuneration.

TARGETS ACHIEVED UNDER PLAN

Out of the provision of Rs. 202 lakh made for the Forest Department in Annual Plan for 1975-76, an expenditure of Rs. 202.95 lakh was incurred during the year. Physical targets of all schemes were achieved. During the year following Schemes were undertaken by the Department. It also included Centrally Sponsored and Centrally Sector Schemes :—

I. Direction and Administration :

(1) Appointment of Jodi Guards :

40 Jodi Guards were continued at places where fear of assault on Forest Guard is apprehended from offenders who steal forest produce. The expenditure involved was Rs. 1,27,259.00.

(2) Establishment of Mobile Squad :

3 Mobile Squads were established for protection of illicit cutting of green trees. During the year for the above work expenditure of Rs. 80,073 has been incurred.

(3) Establishment of Planning and Statistical Cell :

Under this Scheme, the staff appointed for collection of Statistical data was continued. An expenditure of Rs. 45,897 was incurred for the same.

II. Research :

(1) Forest Research:

This year research experiments were continued at four research Centres Viz: Shivrajpur (Panchmahals), Dungarda (Dangs), Radhanpur (Palanpur), and Sasan-Gir (Junagadh). Total expenditure incurred for this work amounted to Rs. 1,16,331.

III. Education and Training :

(1) Training of Staff :

At the training centre at Kakrapar 114 Foresters and 56 Guards were given training and 60 Foresters are undergoing necessary training. Under this scheme expenditure incurred was Rs. 7,87,121.

IV. Forest Conservation and Development :

(1) Soil and Moisture Conservation and afforestation in denuded areas :

Improper land use, reckless destruction of Forests, indiscriminate grazing and repeated fires are the main cause of soil erosion and heavy floods. Many hills in Central Gujarat and Saurashtra are now found to be tree less with practically all soil washed out. The main object of this Scheme therefore is to afforest the denuded forest areas by adopting suitable soil and Moisture Conservation works and by planting suitable hardy fuelwood and economically important species. During the year, an expenditure of Rs. 28,80,475 has been incurred. The Scheme has been completed in area of 5569 Hectares.

(2) Afforestation on desert border :

The winds blowing from desert carry salinity with them and destroy the agricultural crops and lands to a great extent thereby. It is necessary to plant up to the desert border by creating green shelter belt of suitable species. The Scheme, therefore, provides for afforesting desert border thereby creating belts for protecting fertile land. During the year expenditure of Rs. 7,13,405 has been incurred on Plantation in 265 hectares.

(3) Acquisition of Private Forests :

The Scheme of Acquisition of Private Forests has been undertaken by the Government in the year 1973/74. This work is still continued. An expenditure of Rs. 7,94,346 has been incurred during the year under report.

V. Plantation Schemes :

(1) Road and Canal Side Plantation :

Gujarat is naturally deficient in forests. In order to increase Plantation on the barren lands, scheme for Plantation on Roadside and Canal Bank areas has been undertaken. During the year along 415.80 Kms. of Roadside and Canal bank plantation has been done at expenditure of Rs. 24,77,225.

(2) Tree Plantation in the area of Gandhinagar Township :

Under this scheme, 1.75 lakh plants have been planted in the area of Gandhinagar at a cost of Rs. 6,13,581.

(3) Plantation on Fast growing Species :

The Scheme aims at raising plantation of quick growing economically important species in place of inferior species in suitable forest areas of the state. Under this Schemes Plantation in an area of 1976 hectares has been undertaken and expenditure of Rs. 13,13,785 has been incurred.

(4) Economic Plantation :

The object of this scheme is to introduce valuable species like teak, khair and bamboo through intensive plantation. Such plantation has been undertaken in 4054 Hectares and an expenditure of Rs. 21,21,091 has been incurred under this scheme during the year under report.

(5) Plantation on Coastal border :

Under this scheme, it is necessary to stop the violent winds coming from the sea as well as sand and sand dunes by creating a green coastal belt or shelter belt over the loose sand dunes by adopting suitable planting methods and growing suitable species which will break the force of wind and will bind loose sand and sand dune. Under the scheme planting in 330 hectares has been Undertaken and an expenditure of Rs. 4,49,843 has been incurred during the year under report.

VI. Forest Produce :

(1) Development of Pastures and Grazing :

Due to cut in the Plan expenditure only the maintenance work was carried out and the expenditure of Rs. 6,701 was incurred.

VII. Communications and Buildings :

(1) Due to cut in the Plan expenditure only the maintenance work was carried out and the expenditure of Rs. 22,170 was incurred.

(2) Construction of Buildings :

Under this scheme, work of construction of buildings was continued and an expenditure of Rs. 63,095 was incurred.

VIII. Conservation of Wild Life :

(1) Nature Conservancy including Conservation of Wild Life.

Under the Scheme Lion Sanctuary of Gir, Bird Sanctuary of Nalsarovar, Black Buck Sanctuary of Velavadar, and Purna Sanctuary of Dangs were continued.

Necessary works were undertaken for providing proper facilities to tourists visiting Sasan Gir to see Lions. The Guest house at Sasan-Gir was maintained. The work of shifting 210 Maldharis was completed. During the year for above works expenditure of Rs. 12,73,018 has been incurred.

(2) Sanctuary for Wild Ass around little runn of Kutch and (2) Black Buck Sanctuary in Bhal (Varlavadar) Central Sector Scheme :

Under the above scheme, an expenditure of Rs. 51,601 was incurred during the year.

(3) Zoological and Public Garden :

Under the scheme maintenance work of Sakar bag Zoo has been continued and an expenditure of Rs. 19081 has been incurred.

IX—Extension—1 : Additional Extension Forestry :

Under this scheme, it is proposed to take up tree planting on the road sides as well on the banks of Canals. The local villagers, institutions and private bodies will be persuaded to take up planting on their farms or bunds, waste lands. Under this scheme trees were planted along 402 Kms. of Road Side and Canal Bank, Village Forests were raised on 2480 Ha. of Village land and 75 lakh seedlings were supplied for Vana-Mahotsava. Expenditure of Rs. 61,85,307 was incurred during the year.

X. OTHER SCHEMES:

(1) Improved Logging :

The old logging methods followed in the exploitation of forests involve considerable amount of waste both in the felling and conversion operations. In Dangs Division with the help of experienced personnel, the scheme is being implemented. Improved logging implements have been purchased. An expenditure of Rs. 1,20,308 has been incurred.

(2) Fire Protection :

Under this scheme, one Fire Protection Guard was appointed and an expenditure of Rs. 1,224 incurred for the same.

(3) Forest Publicity :

By explaining the benefits of the forests to the General public, its protection can be assured. This scheme aims at giving wide publicity to Forest works. Under the Scheme 19 Radio Talks were arranged. 'Van-Patrika' was published. Booklet on 26th Van-Mahotsava' was also published. Expenditure incurred under the scheme was Rs. 26,850.

(4) Development of Victoria Park :

This park is situated on the outskirts of the city of Bhavnagar. An expenditure of Rs. 35,895/- has been incurred for its improvement and maintenance in the current year.

(5) Development of Botanical Garden :

The Botanical Garden is situated in Waghai (Dangs-South). The improvement and maintenance of the Garden is continued. Under the scheme, an expenditure of Rs. 58,296 was incurred.

(6) Grant of Tagavi loans :

Under the scheme, the settlers in Forest lands are granted loan for wells etc. An expenditure of Rs. 50,450 has been incurred on this account during the year.

(7) Drought Prone Areas Programme :

With a view to ease the frequent drought condition, this Department has undertaken soil and Moisture Conservation and Afforestation works under this scheme. During the year, soil and Moisture Conservation works in 20892 Hectares i.e. fencing works in forest areas, Preparation of gradonies, digging of pits for plantation, Nala bunding etc. and raising of 463.61 lakh seedlings for Vana-Mahotsava, Road Side Plantation in 1296.8 Kms. and Plantation work in 3339 Hectares has been undertaken in village forests at a cost of Rs. 1,24,38,172.

(8) Dantiwada River Valley Project :

This is a Centrally Sponsored Scheme. To prevent the filling up of the reservoir by silt from the catchment area of the Dantiwada dam on river Banas, the work of soil conservation and afforestation is taken up. During the year, soil conservation work in 368 Hectares, afforestation work in 300 Hectares and grass improvement work in 150 Hectares and gradonies work in 25 Hectares, were carried out under the scheme. Total expenditure of Rs. 7,79,387 was incurred.

(9) Mahi Stage—II :

Under this scheme, old plantations were maintained and improvement to fencing was carried out in 320 Hectares at a cost of Rs. 1,52,493.

(10) Sanctuary for the Wild Ass near the little Runn of Kutch :

This scheme envisages the constitution of a sanctuary around the little Runn of Kutch where the wild Ass can move and breed in free State and where better fodder and water facilities can be provided for its survival and propogation. Under the scheme, for construction of quarters, purchase of Jeep Car and binocular an expenditure of Rs. 1,10,977 has been incurred.

(11) Sanctuary for Black Buck at Velavadar :

This scheme envisages various steps to protect the Black Buck and to provide better fodder and water resources for it. It also envisages various steps to develop the Sanctuary from the tourism point of view. Under this scheme construction work of 11 staff quarters was completed and construction of 4 staff quarters was in progress and 3 Motor cycles, one Jeep Tractor, one binocular and 7 cycles were purchased at a total cost of Rs. 1,20,090.

(12) In addition to above contingency works i.e. Afforestation in 322 Hectares soil and moisture conservation works in 9261 Hectares, village afforestation Road side plantation, bunding, fencing etc. have been undertaken at a total cost of Rs. 1,32,01,000.

A REVIEW OF FINANCIAL ASPECTS**Forest Revenue (Statement No. 12) :**

1. Total net revenue realised during the year was Rs. 8,04,77,591. The percentage distribution is as under :—

S.No.	Source of Revenue.	Percentage of total Revenue.
1.	Timber	81.88
2.	Fuelwood and charcoal	10.72
3.	Bamboos	2.02
4.	Grazing and Fodder	2.93
5.	Minor, Mineral & other produce	2.45
	Total	100.00

2. Forest Divisions according to Revenue :

Forest Divisions fetching a revenue of more than Rs. 10 lakh during the year are as under :—

	Name of Division.	Revenue Rs. (In lakhs)
1.	Vyara	180.88
2.	Dangs (South).	131.43
3.	Dangs (North)	103.30
4.	Bulsar	76.67
5.	Rajpipla (East)	71.88
6.	Baria	60.60
7.	Rajpipla (West)	51.71
8.	Chhotaudepur	33.27
9.	Gir (West)	21.88
10.	Godhra	18.82

3. Expenditure :

During the year normal expenditure amounted to Rs. 425.27 lakh and that under the Plan was Rs. 318.70 lakh. The difference between revenue and expenditure worked out to Rs. 60.81 lakh. Out of total expenditure, Rs. 464.79 lakh was spent on conservancy and works and Rs. 279.18 lakh on establishment. Thus total expenditure of Rs. 743.97 lakh was incurred.

4. Revenue, Expenditure and Difference :

Dangs Division and four regional Circles Viz., Surat, Baroda, Junagadh and Gandhinagar are important units of the Forest Department from revenue point of view. The difference between revenue and expenditure was Rs. 286.79 lakh in Surat Circle and Rs. 73.47 lakh in Dangs' Division. While in Junagadh Circle expenditure of Rs. 66.97 lakh was more than the revenue. Similarly in Gandhinagar Circle expenditure of Rs. 74.79 lakh was more than the revenue.

5. Outstanding Recoveries (Statement No. 13) :

On 1-4-75 total outstanding recovery amounted to Rs. 45.05 lakh which was Rs. 62.30 lakh on 31.3.76.

PUBLIC RELATIONS

Adivasi and backward class People residing in Forest areas and in surrounding villages come into contact with the Forest Department in their day to day life.

1. Local Adivasi and Backward class people earn their livelihood through works relating to establishment of nurseries, plantations, felling of trees in coupes etc. carried out departmentally.

2. Unauthorised cultivation in forest areas is a major evil. It is intended to put an end to each farming and grant land upto a limited extent to the cultivators on permanent basis. In order to solve this problem, necessary proceedings are being undertaken in Baroda and Surat Circles.

3. Privileges given to villagers in forest areas are of two types. One is common to all forest areas of the State, while the other type is dependent on the special local circumstances prevailing in different areas:

General privileges are as under :—

(i) Use of stones, grass fallen leaves and water from streams and river is allowed free of charge for domestic as well as agricultural purpose.

(ii) Scrapping lying in felled coupes are allowed to be removed for domestic purpose.

(iii) A particular type of wood in a fixed quantity is supplied free of charge for reconstructing huts destroyed by accidental fires.

(iv) Village cattle is allowed to graze in open area of the Forests.

Moreover the special privileges granted in specified areas are as under :—

(a) Miscellaneous Forest Produce like honey, wax, gum, wild tubers, mahuda, flowers etc. are allowed to be removed.

(b) Permission is given to remove fallen or withered trees as head-load and bamboos in a limited quantity

for household purposes. The details regarding these are given in a booklet entitled "Forest Privileges in Gujarat State".

4. Local Adivasis who are members of Forest Co-operative Societies cut most of the forest coupes. Adivasis of villages in forest areas are supplied timber from such coupes for a domestic use in a limited quantity at a concessional rate of 60 percent.

5. In small towns near forest, depots were set up for supplying fuel wood to the local public at reasonable rates.

6. Wage Board :

There is a Wage Board in each of the Forest Division to fix the wages for each type of work. This board fixes the rates of labour for the work done in Forests through the Forest Labourer's Cooperative Societies, while the Circle Wage Board, fixes the daily wages of labourers. Accordingly, the works are carried out at the rates so fixed. Such arrangement protecting labourers against exploitation in forest work was continued this year also in each Forest Division.

7. Vana Mahotsava :

After rains suitable for Plantation, Vana Mahotsava is celebrated in every District, Taluka and Villages as well as schools. During the Vana Mahotsava the Department supplies seedlings from its nurseries. For this purpose Local Divisional Forest Officer or Forester is required to be contacted.

26th Vana Mahotsava of 1975 was celebrated in the month of August. During Vana Mahotsava 1,60,00,000 fruit bearing and other seedlings were supplied to various institutions, Panchayats and individuals.

8. Wild Life Week :

21st Wild Life Week was celebrated during the first week of October-1975. The Officers of Forest Department gave radio talks underlining importance of the preservation of Wild Life. The Department had also published posters on subject. Facilities are given in the Sasan-Gir Guest House for Lion show in Gir Forest. Superintendent Gir-Sanctuary, Gir is to be contacted for the purpose.

STATEMENT No. 1.

Reserved, Protected and unclassified forest areas in charge of the Forest Department during the year 1975-76.

Forest circle.	Kind of Forests Reserved Protected Unclassed.	Area as on 1-4-1975 (in Sq.Kms.)	Addition during the year (In Sq.Kms.)	Area reduced or transferred to other heads during the year (in Sq. Kms.)	Area as on 31-3-1976 (In Sq. Kms.)
1	2	3	4	5	6
Surat Circle	Reserved Protected Unclassed	4149.98 1002.74 776.54	176.82 1.97 8.63	17.21 128.49 159.85	4309.59 876.22 625.32
Total, Surat Circle ...		5929.26	187.42	305.55	5811.13
Baroda Circle	Reserved Protected Unclassed	2793.94 3.84 338.65	88.35 — 16.88	— — 83.35	2882.29 3.84 272.18
Total, Baroda Circle ...		3136.43	105.23	83.35	3158.31
Junagadh Circle	Reserved Protected Unclassed	2319.46 125.33 1575.64	59.57 0.22 250.13	6.03 0.05 80.88	2373.00 125.50 1744.89
Total, Junagadh Circle...		4020.43	309.92	86.96	4243.39
Gandhinagar Circle.	Reserved Protected Unclassed	1596.55 167.32 3433.08	637.19 — 629.80	4.08 26.94 753.32	2229.66 140.38 3309.56
Total, Gandhinagar Circle		5196.95	1266.99	784.34	5679.60
Total Gujarat State.	Reserved Protected Unclassed	10859.93 1299.23 6123.91	961.93 2.19 905.44	27.32 155.48 1077.40	11794.54 1145.94 5951.95
Total...		18283.07	1869.56	1260.20	18892.43

STATEMENT No. 2:

Progress made in settlement of rights in the Forest areas during the year 1975-76.

Forest Circle	Area (Sq. Kms.)				Expenditure on settlement during the year.		Total cost per Sq. Kms. of area finally settled.	Remarks.
	Finally settled during the year	In hand at beginning of the year.	Additional area under taken during the year.	On forest Accounts	On other Departments Accounts.			
1	2	3	4	5	6	7	8	
Surat	Circle ... 457.45	1220.14	0.33	—	—	—	—	
Baroda	" ... 92.71	327.88	16.88	—	—	—	—	
Junagadh	" ... 59.57	476.09	198.07	—	—	—	—	
Gandhinagar	" ... 637.22	1414.73	560.36	39,054	—	61	—	
Total, Gujarat State ..	1246.95	3438.84	775.64	39,054	—	61	—	

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STATEMENT No. 3

Demarcation and maintenance of boundaries during the year 1974-75

(In Kms.)

Forest Circle.	1	2	3	4	5	6
Surat	12923	1727	14650*	484
Baroda	5561	3953	9514*	158
Junagadh	...	40	146	2813	2999*	78
Gandhinagar	...	148	968	2079	3195	926
Total, Gujarat State	...	188	19598	10572	30358	1646

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Expenditure on demarcation.

1	2	3	4	5	6	7	8	9	10	11
Surat	...	685	15819	—	7150	2421	—	—	—	* Revised figures.
Baroda	9672	—	500	—	—	—	—	
Junagadh	...	73	3077	1000	750	—	—	—	—	
Gandhinagar	4194	12514	—	—	—	—	—	
Total Gujarat State	...	758	32762	13514	10821	—	—	—	—	

STATEMENT No. 4.
Forest areas Surveyed by the Survey of India Department during the year 1975-76.

Forest Circle	Topographical Survey Special surveys paid for		Total Expenditure incurred during the year	Total Expenditure incurred at the end of the year		
	Special Survey Paid by the forest Department					
	Previous	This year				
	Scale of 4"=1 mile (in Sq.Kms.) 2	Scale of 8"=1 mile (in Sq.Kms.) 3	Scale of 4"=1 mile (in Sq.Kms.) 4	Scale of 8"=1 mile (in Sq.Kms.) 5	6	7
I						
Surat	3432	23	—	—	—
Baroda	518	—	—	—	—
Junagadh	441	—	—	—	—
Gandhinagar	—	—	—	—	—
Total, Gujarat State	4391	23	—	—	—

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Ordinary surveys not paid for by the Forest Department.

Forest Circle	Previous		This year		Boundary surveys	
	Scale of 2"=1 mile (in Sq.Kms.) 8	Smaller scale (in Sq.Kms.) 9	Scale of 2"=1 mile (in Sq.Kms.) 10	Smaller scale (Sq.Kms.) 11	In previous year	In this year
I						
Surat	—	—	—	—	—
Baroda	685	1025	—	—	—
Junagadh	—	—	—	—	—
Gandhinagar	—	—	—	—	—
Total, Gujarat State	685	1025	—	—	—

Forest Circle	Total area Surveyed (Sq. Kms)		Area remained to be surveyed	Total area as per Form No. 1		Remarks
	14	15		16	17	
I						
Surat	3455	2356	5811	Revised Figures	
Baroda	2228	930	3158	Revised Figures	
Junagadh	441	3802	4243	—	
Gandhinagar	—	5680	5680	—	
Total Gujarat State	6124	12768	18892	—	

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STATEMENT No. 5

Progress made in preparing working plans (1975-76)

(Area in Sq. Kms.)

Forest Circle	Area under sanctioned working plans				Area not under sanctioned working plans			
	At the commencement of the year.	Addition during year	Reduction during the year	Actual area	Percentage to Forest area	Plans under preparation	Area requiring working plans	Area not requiring working plans
1	2	3	4	5	6	7	8	9
Surat	5832.44	194.92	235.74	5791.62	99.66%	—	—	19.51
Baroda	2797.56	5.01	0.01	2802.56	88.74%	—	105.80	249.95
Junagadh	2432.11	40.33	33.78	2438.66	57.47%	1492.53	—	312.20
Gandhinagar	987.48	—	—	987.48	17.39%	203.28	3881.52	607.32
Total, Gujarat State	12049.59	240.26	269.53	12020.32	63.63%	1695.81	3987.32	1188.98

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Forest Circle.	Total Forest area i.e. Total of Col. Nos. 5, 7, 8 and 9.	Revision			Expenditure on Revised Working Plans	Remarks
		Area for which is due or is required to be prepared	Working plan in progress	Revised plans sanctioned		
1	10	11	12	13	14	15
Surat	5811.13	—	238.25	—	1000	
Baroda	3158.31	—	—	—	—	
Junagadh	4243.39	—	1892.00	—	—	
Gandhinagar	5679.60	—	—	—	—	
Total, Gujarat State	18892.43	—	2130.25	—	1000	

STATEMENT No. 6

Particulars regarding breaches of forest rules.

Note :— (A) Prosecution launched in the Court.

(B) Cases compounded Departmentally.

(C) Cases wherein accused persons escaped detection.

Forest Circle	Number of new cases during the year															
	Number of cases pending at the beginning of the year			Outbreak of fire in the Forest			Unauthorised felling.			Grazing in closed area			Other Offences			
	A	B	Total	A	B	C	A	B	C	A	B	C	A	B	C	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Surat	487	1856	2343	—	47	169	210	3992	1307	—	122	1	219	3745	251	
Baroda	321	6117	6438	—	10	110	34	4796	928	6	742	6	100	5139	43	
Junagadh	66	617	683	9	5	35	27	955	32	30	781	6	4	883	15	
Gandhinagar	78	1714	1792	5	3	32	74	2435	244	5	626	25	8	876	103	
Wild Life	6	4	10	—	—	—	—	—	—	—	38	—	5	8	7	
Ext. Ahmedabad	3	1	4	—	1	—	16	14	—	60	112	—	—	48	—	
Ext. Rajkot	—	—	—	—	—	6	—	23	3	—	50	4	—	8	—	
TOTAL, GUJARAT STATE	961	10309	11270	14	66	352	361	12215	2514	101	2471	42	336	10707	419	

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STATEMENT No. 6—(Concld)

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Forest Circle.	Number of cases disposed during the year														
	Total No. of New Cases			Grand Total			Cases in which accused where inflicted punishment.			Acquittals					
	A	B	C	A	B	C	Total	A	B	A	B	A	B		
1	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Surat	429	7906	1728	916	9762	1728	12406	600	5312	679	10464	13	277	13	289
Baroda	140	10687	1087	461	16804	1087	18352	256	10835	1033	28907	5	633	6	2502
Junagadh	70	2624	88	136	3241	88	3465	19	1273	22	1331	67	1321	68	1336
Gandhinagar	92	3940	404	170	5654	404	6228	26	3011	42	6455	1	2	1	2
Wild Life	5	46	7	11	50	7	68	—	—	—	—	10	40	14	54
Ext. Ahmedabad	76	175	—	79	176	—	255	3	3	3	3	—	70	—	70
Ext. Rajkot	—	81	13	—	81	13	94	—	64	—	73	—	—	—	—
TOTAL GUJARAT STATE	812	25459	3327	1773	35768	3327	40868	904	20498	1779	47233	96	2343	102	4283

Forest Circle	Cases disposed of during the year											Cases pending at the close of the year.			Remarks.
	Cases			Persons			Total			Cases pending at the close of the year.					
	A	B	Total	A	B	Total	A	B	Total	A	B	Total			
1	32	33	34	35	36	33	38	39	40	41					
Surat	613	5589	6202	692	10753	11445	303	4173	4476						
Baroda	261	11468	11729	1039	31409	32448	200	5336	5536						
Junagadh	86	2594	2680	90	2697	2787	50	647	697						
Gandhinagar	27	3013	3040	43	6457	6500	143	2641	2784						
Wild Life	10	40	50	14	54	68	1	10	11*						
Ext. Ahmedabad.	3	73	76	3	73	76	76	103	179						
Ext. Rajkot	—	64	64	—	73	73	—	73	73						
Total, Gujarat State	1000	22841	23841	1881	51516	53997	773	12927	13700						

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STATEMENT No. 7

Area of Forests protected from Fires (1975-76)

Name of the Circle.	Areas (In Sq.Kms.)		Percentage of Forest area under fire protection to total Forest area.	Percentage of failure.		Total cost of fire protection (In Rs.)
	Attempted.	Average actually Protected		Average percentage of last 5 years.	Percentage during the year.	
	2.	3	4	5	6	7
Surat ..	5811.13	5773.12	100%	2.02	0.65	154784
Baroda ..	3158.31	3136.60	100%	0.58	0.69	540
Junagadh ..	4243.39	4219.79	100%	2.07	0.56	—
Gandhinagar ..	5679.60	5648.95	100%	0.33	0.54	1456
Total, Gujarat State ..	18892.43	18778.46	100%	1.00	0.60	156780

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STATEMENT No. 8

Forest areas open and closed to grazing (1975-76)

Forest Circle.	Area closed for all animals for the whole-year (In Sq.Kms.)	Areas open to grazing through out the year.				Total area (Sq. Kms.)
		For all animals (Sq. Kms.)	For all animals except browsers (Sq. Kms.)	For all Animals. (Sq.Kms.)	For all animals except browsers (Sq.Kms.)	
	2	3	4	5	6	7
Surat ..	548.77	1642.79	3619.57	—	—	5811.13
Baroda ..	410.90	566.41	1700.72	480.28	—	3158.31
Junagadh ..	1171.92	1843.29	887.71	135.71	204.76	4243.39
Gandhinagar ..	289.95	1470.26	1131.13	2788.26	—	5679.60
Total, Gujarat State..	2421.54	5522.75	7339.13	3404.25	204.76	18892.43

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STATEMENT No. 9

Progress made in concentrated Regeneration and Afforestation (1974-75)

Forest Circle.	Area under concentrated regeneration (Hectares)	Area artificially regenerated.					Total cost of regeneration during the year. Rs.	Remarks.
		Area regenerated by copico. (Hectares)	Plantation in existing treegro2th area (Hectares)	Afforestation in barren areas (Hectares)	5	6		
1	2	4	4	5	6	7		
Surat	2439	—	5789	240	27,49,813			
Baroda	3295	3916	2253	5218	51,19,354			
Junagadh	—	1168	188	3312	5,89,979			
Gandhinagar	765	600	1920	3822	26,61,030			
Total, Gujarat State..	8499	5684	10150	12592	1,11,20,176			

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STATEMENT No. 10.

Outturn of Timber and Fuel Wood (1975--76)

Forest Circle	Teak Timber wood					Other Timber wood			Total Timberwood			Fuelwood (Tonnes)	
	Round wood (100 Cm.)	Rs. in thous- and.	Sawn wood (100 Cm.)	Rs. in thous- and.	Rs. in thous- and.	Round wood 100 Cm.)	Rs. in thous- and.	Round and Saw wood. (100 Cm.)	Rs. in thous- and.	100 tonnes	Rs. in thous- sand.	10	11
1	2	3	4	5	6	7	8	9	10	11			
Surat	847	53342	11	952	539	13180	1397	67474	1114	6436			
Baroda	31	1847	—	—	22	804	53	2651	63	1246			
Junagadh	33	1881	—	—	1	15	34	1896	51	457			
Gandhinagar	1	9	—	—	Negligible.	4	1	13	37	492			
Total Gujarat State ..912	11	57079	11	952	562	14003	1485	72034	1265	8631			

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STATEMENT No. 11.

Outturn of minor forest produce during the year 1975-76 (Quantity in Tonnes)

Sr. No.	Description of Produce	Quantity	Revenue (in Rs.)
1	2	3	4
1.	Bamboos	68,739	16,25,060
2.	Grass	40,315	23,61,742
3.	Kadaya Gum.	94	46,367
4.	Other Gum.	58	26,145
5.	Asitra Timru leaves.	4,094	9,18,097
6.	Barks	341	25,798
7.	Behda	10	6,931
8.	Soapnut	17	5,317
9.	Karanj seeds.	26	6,779
10.	Mahuda fruits.	260	85,723*
11.	Mahuda flowers	1,955	6,60,121*
12.	Amla	7	83
13.	Other fruits	142	72,548
14.	Lac.	40	20,18
15.	Honey and Wax	11	7,603
16.	Ghatbor.	18	219
17.	Rosha Grass	7	9,286
18.	Minerals.	—	41,936
19.	Miscellaneous	—	54,049
GRAND TOTAL			59,55,822

(* After deducting expenditure).

STATEMENT No. 12

STATEMENT No. 12
Summary of Revenue and Expenditure

*** Revenue of Salestax and Interest.

* Revenue from Minarals
** Sakkarbaug Zoo Revenue

Budget Head	(Figures in Rs.)					
	1	2	3	4	5	6
	Office of the Chief Conservator of Forests	Surt circle	Baroda circle	Junagadh Circle	Gandhinagar Circle	
Revenue 113-Forests :						
(1) Timber and other produce removed from the forests by Government.	9262	2975866	2156027	1357996	326857	
(2) Timber and other produce removed from the forests by Consumers and purchases.	—	34607728	8084434	2442509	555948	
(3) Miscellaneous.	84821	883900	949977	420427	141799	
Grand Total	94083	38467494	11190438	4220932	1024604	
Deduct Refund	—	*194318	2025	5046	570	
Net Revenue	94083	38273176	11188413	4215886	1024034	
Other Revenue	—	*14135	*705791	*9126	*5814	
Total Revenue	94083	38287311	11894204	4225012	1029848	

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Budget Head	(Figures in Rs.)					
	7	8	9	10	11	12
	Wild life Circle	Research and working Plans circle	Ahmedabad Ext. Circle	Rajkot Ext. Circle	Dangs Division	Total Gujarat State
Revenue 113-Forests :						
(1) Timber and other produce removed from the forests by Government	—	—	1005	—	18311996	25139009
(2) Timber and other produce removed from forests by Consumers and purchases	1576	—	2094	11758	4959209	50665256
(3) Miscellaneous	223597	28309	17073	6108	207111	2963122
Grand Total	225173	28309	20172	17866	23478316	78767387
Deduct Refund	154	37	—	—	4464	206614
Net Revenue	225019	28272	20172	17866	23473852	78560773
Other Revenue	*64614	—	—	—	**1117338	1916818
Total Revenue	289633	28272	20172	17866	24591190	80477591

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STATEMENT No. 12—(Contd.)

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Budget Head	Office of the Conservator of Forests	Surat Circle	Baroda Circle	Junagadh Circle	Gandhinagar Circle
1	2	3	4	5	6
Expenditure 313—Forests.					
Maintenance and other works					
(1) Timber and other produce removed from the forest by Government	—	489358	602217	1475563	329909
(2) Timber and other produce removed from the forests by consumers and purchasers	—	59640	24350	11539	2174
(3) Roads and Buildings	—	61674	15335	82134	2457
(4) Forest Management	—	410589	171573	88818	152392
(5) Total Maintenance and other Works	—	1021261	813475	1658054	486932
(6) Total Establishment	528138	3867686	3741438	3966903	2283551
(7) Total 313-Forests Non-Plan	528138	4888947	4554913	5624957	2770483
313-Forest Non-Plan (Central)					
313-Forest Plan 1. Works	—	1026452	457863	131130	190147
2. Establishment	182032	351014	163501	46287	265344
Total	182032	1377466	621364	177417	455491

Budget Head	Wild life Circle Plans	Research and working Circle	Ahmodabad Ext. Circle	Rajkot Ext. Circle	Dangs Division	Total Gujarat State
7	8	9	10	11	12	
Expenditure 313-Forests.						
Maintenance and other works						
(1) Timber and other produce removed from the forest by Government	14165	—	—	—	3882347	6793559
(2) Timber and other produce removed from the forests by consumers and purchasers	—	177110	—	—	818931	129596
(3) Roads and Buildings	6254	103	—	—	—	167957
(4) Forest Management	977	1582	—	—	583890	1409821
(5) Total Maintenance and other Works	21396	1685	—	—	4498130	8500933
(6) Total Establishment	453627	813261	—	—	2220956	17875560
(7) Total 313-Forests Non-Plan	475023	814946	—	—	6719086	26376493
313-Forest Non-Plan (Central)						
313-Forest Plan 1. Works	722996	140335	221154	4196	(Head 299)	3212216
2. Establishment	364853	636290	—	—	168738	2178059
Total	1087849	776625	221154	4196	486681	5390275

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STATEMENT No. 12—(Contd.)

Budget Head	Office of the Conservator for of Forests	Surat Circle	Baroda Circle	Junagadh Circle	Gandhinagar Circle
1	2	3	4	5	6
295-Other Social Services (Plan Works)					
Non-Plan Establishment					
Total		22250	19000	4600	14000
713-Forest Loan Plan Works					
308-Area Development Non-Plan Works		34341	12542742	3303701	2815836
Non-Plan Establishment		320240	299806	459241	354667
Total		23250	2842548	3762942	3170503
289-Relief					
Plan Works :	11579000				
Non-Plan Works	1622000				
Total	13201000				

Budget Head	Wild life Circle Plans	Research and working Circle	Ahmedabad Ext. Circle	Rajkot Ext. Circle	Dangs Division	Total Gujarat State
1	7	8	9	10	11	12
295-Other Social Services (Plan Works)	19081					19081
Non-Plan Establishment	160989					160989
Total	180070					180070
713-Forest Loan Plan Works	197000					243850
308-Area Development Non-Plan Works			857529	1495354		11015162
Non-Plan Establishment			107012	202284		1423010
Total			964541	1697638		12438172
289-Relief						
Plan Works						11579000
Non-Plan Works						1622000
Total						13201000

STATEMENT NO. 12--(Contd).

Budget Head	Office of the Conservator of Forests	Surat Circle	Baroda Circle	Junagadh Circle	Gandhinagar Circle
1	2	3	4	5	6
A B S T R A C T					
Revenue	94083	38287311	11894204	4225012	1029848
Non-Plan Expenditure :					
Works	1622000	1021261	3477680	4994061	3941277
Establishment	528138	3867686	4072674	4444115	2862141
Total	2150138	4888947	7550354	9438176	6803418
Plan-Expenditure :					
Works	12558690	2427656	1494446	958547	1017092
Establishment	237052	1291266	536439	525164	688339
Total	12795742	3718922	2030885	1483711	1705431
Total Plan and Non-Plan Expenditure	14945880	8607869	9581239	10921887	8508849
Increase		29679442	2312965	—	—
Decrease	14851797	—	—	6696875	7479001

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Budget Head	Wild life Circle Plans	Research and working Circle	Ahmedabad Ext. Circle	Rajkot Ext. Circle	Dangs Division	Total Gujarat State
1	7	8	9	10	11	12
A B S T R A C T						
Revenue	289633	28272	20172	17866	24591190	80477591
Non-Plan Expenditure :						
Works	812558	8184	857529	1495354	4536208	22766112
Establishment	614616	841282	107012	202284	2220956	19760904
Total	1427174	849466	964541	1697638	6757164	42527016
Plan Expenditure :						
Works	939077	140335	2727950	1130786	317943	23712522
Establishment	364853	636290	2431671	1277659	168738	8157471
Total	1303930	776625	5159621	2408445	486681	31869993
Total Plan and Non-Plan Expenditure	2731104	1626091	6124162	4106083	7243845	74397009
Increase	—	—	—	—	17347345	6080582
Decrease	2441471	1597819	6103990	4088217	—	—

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STATEMENT No. 13

Particulars regarding Revenue Recovery and outstanding Revenue
(1975-76)

(Figures in Rs.)

Forest Circle.	(Figures in Rs.)					
	1	2	3	4	5	6
	Arrears at the beginning of the year.	Frush Revenue for the year.	Total	Total Revenue recovered during the year.	Outstanding Revenue at the end of the year.	
Office of the Chief Conservator of Forests	—	94083	94083	94083	—	
Surat	3177573	63879455	67057028	62878501	4178527	
Baroda	912277	12495311	13407588	11894204	1513384	
Junagadh	268012	4232029	4500041	4225012	275029	
Gandhinagar	130631	1151368	1281999	1029848	252151	
Wild Life	16150	284545	300695	289633	11062	
Research and Working Plan Circle..	—	28272	28272	28272	—	
Extension Ahmedabad	—	20172	20172	20172	—	
Extension Rajkot	—	17866	17866	17866	—	
Total, GUJARAT STATE ..	4504643	82203101	86707744	80477591	6230153	

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