



FOREST STATISTICS 2009

KERALA FOREST DEPARTMENT

Preface

Forests of Kerala are extremely rich in terms of biodiversity and precious in terms of the ecological services rendered by them. Many forest areas in the state are the candidates for world natural heritage sites. In view of the importance of forests in terms of biodiversity, ecological services including combating climate change and natural resource providing livelihood support to the forest dependent communities, the management of forests should be sustainable and based on scientific foundations. Scientific data is absolutely essential for working out strategies and action plans for the forest management. The Statistics Wing of Forest Department under the Deputy Director (Statistics) has collected and compiled vital data relevant to the forest and wildlife management in Kerala. The Chief Conservator of Forests (WP & R) and Chief Conservator of Forests (FMIS) have guided them in preparation of this compendium of forest statistics. I hope that this publication would be of great help to the officers of the department and the researchers in the field of forest and wildlife conservation.

Thiruvananthapuram

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Date: 27/11/2010

Principal Chief Conservator of Forests & HFF

KERALA FOREST & WILDLIFE DEPARTMENT**FOREST STATISTICS 2009**

Chapter No.	Subject	Particulars	Table No.	Page No
-	General Information			1
1	Natural Resources	Distribution of forest area by legal status	1.1	2
		Division wise area of forests	1.2	3-5
		Type wise area of forests	1.3	5
		Land utilisation	1.4	6
		Range wise area of forests	1.5	6-12
		District wise area of forests	1.6	13
		District wise area of forests by legal status	1.7	13-15
		Abstract of species wise distribution of plantation area	1.8	16
		Division/Species wise distribution of plantation area	1.9	17-25
		District wise forest cover (FSI 2009)	1.10	26
		Abstract of category wise distribution of plantation area	1.11	27
		Division/Category wise distribution of plantation area	1.12	27-28
		Species wise plantation area of KFDC	1.13	29
		Out turn of major produce	1.14	30
		Production of minor forest produce	1.15	30
		Out turn of timber based on utility	1.16	31
2	Human Resources	Category wise employees	2.1	32
		Staff strength (Designation wise)	2.2	32-35
		Training	2.3	36-37
3	Material Resources	Forest roads	3.1	38
		Forest buildings	3.2	38
		Vehicles	3.3	39
		Forest station (Division wise)	3.4	40
		Forest station (Range wise)	3.5	40-44
		Arms & Ammunition	3.6	44
		Check posts (Division wise)	3.7	45
		Check posts (Range wise)	3.8	45-48
		Timber depots (Circle wise)	3.9	48
		Timber depots (Division wise)	3.10	49
		Elephants under possession	3.11	50

Chapter No.	Subject	Particulars	Table No.	Page No
4	Financial Resources	Comparison of Revenue & Expenditure	4.1	51
		Revenue from timber & other products	4.2	52
		Revenue from cashew plantation	4.3	52
		Revenue from pepper plantation	4.4	52
		Forest Development Tax	4.5	53
		Outstanding on Account of Forest Revenue	4.6	54
		Comparison of outlay & expenditure (Plan & Non Plan)for two years	4.7	55
		Outlay & expenditure (Plan schemes) for five years	4.8	55
		Outlay & expenditure (CSS Plan schemes) for five years	4.9	56
		Development under 11th Five Year Plan	4.10	56
		Scheme wise target & achivement of 11th five year plan	4.11	57-58
		Target & achivement (Physical)	4.12	58-59
		Plan progress report (Financial) for reporting year	4.13	59-62
		Outlay & expenditure (Non Plan schemes)	4.14	63-66
		Revenue & expenditure (Abstract for five years)	4.15	67
		Average price for major forest produce	4.16	67-69
		Expenditure for boundary demarcation for five years	4.17	70
5	Legal Matters	Cases pending with court	5.1	71
		Forest offences	5.2	71
		Disposal of forest offences	5.3	72
		Offences under Wildlife Protection Act	5.4	72
6	Miscellaneous	Working Plan status	6.1	74
		Wlidlife Sanctuaries & National Parks	6.2	75
		Forest fire statistics	6.3	76
		Fire affected plantations (Division wise)	6.4	76-77
		Extension activities	6.5	78
		Rainfall data	6.6	79-80
		Seedlings raised	6.7	81
		EFL area	6.8	81
		Diversion of forest land	6.9	82-93
		Tribal settlements (Abstract)	6.10	93
		Tribal settlements (Division wise)	6.11	93-94
		Relief to victims of wild animals	6.12	95
		Wildlife census	6.13	96
		Eco-tourism locations (Abstract)	6.14	97
		Eco-tourism locations (District wise)	6.15	97-99
		Participatory Forest Management-List of VSSs	6.16	99-110
		List of EDCs	6.17	111-116
		Encroachment area (Circle wise)	6.18	117
		Encroachment area (Division wise)	6.19	118

Working Plan Status

Sl. No.	Division	Status as on 03/2009	Area (ha.)
1	Munnar	Under Preparation	89270.713
2	Marayoor	Under Preparation	6260.094
3	Wayanad (S)	Valid till 03/2011	32533.900
4	Kozhikode	Valid till 03/2009	30867.000
5	Mannarkad	Valid till 03/2011	53907.000
6	Thrissur	Valid till 03/2010	20416.518
7	Punalur	Valid till 03/2010	27554.990
8	Konni	Valid till 03/2011	33157.400
9	Kothamangalam	Valid till 03/2011	31699.742
10	Mankulam	Valid till 03/2011	9005.820
11	Kannur	Valid till 03/2011	29503.838
12	Nilambur (S)	Valid till 03/2011	36515.270
13	Nilambur (N)	Valid till 03/2011	39592.491
14	Wayanad (N)	Valid till 03/2011	21428.620
15	Nenmara	Valid till 03/2011	35120.320
16	Maalayattoor	Valid till 03/2012	61776.590
17	Ranni	Valid till 03/2010	104076.970
18	Vazhachal	Valid till 03/2012	41394.398
19	Thiruvananthapuram	Valid till 03/2014	32324.112
20	Chalakkudy	Valid till 03/2015	27970.983
21	Kottayam	Valid till 03/2018	62253.400
22	Achenkovil	Valid till 03/2018	28453.895
23	Thenmala	Under Preparation	14075.240
24	Palakkad	Under Preparation	24783.000
			893942.305

GENERAL INFORMATION

- *Geographical area of State* : 38863 sq. km
- *Population of the State (2001 Census)* : 3,18,41,374
- *Density (persons/Sq.Km.)* : 819
- *Total Forest Area in the State* : 11309.4754 sq.km
- *Total Plantation Area* : 1477.393 sq.km
- *Total EFL Area* : 132.57 sq.km
- *Diversion of Forest Land* : 410.34 sq.km
- *Area of Encroachment* : 68.08 sq.km
- *Scheduled Tribe Population (2001 Census)* : 3,64,189
- *Scheduled Caste Population (2001 Census)* : 31,23,941
- *Tribal Population (inside Forests)* : 73,492
- *No. of Tribal Settlements* : 723
- *Settlement Area* : 215.32 sq.km
- *Per Capita Land (as per 2001 Census)* : 0.122 Ha
- *Per Capita Forest Land (as per 2001 Census)* : 0.036 Ha
- *Revenue from Forest (` in lakhs)* : 22,370.51
- *Area under Sanctuaries & National Parks* : 2698.709 sq. km
- *No. of VSSs* : 388
- *No. of EDCs* : 189
- ***Height of Peaks in Kerala***
 - *Anamudi* : 2694 m
 - *Agastyarkoodam* : 1868 m

Chapter I

NATURAL RESOURCES

❖ *Forest area classified according to legal status, type and utilization wise*

❖ *Out turn of major and minor forest produce*

The forest area under the Administrative charge of Forest Department is 11309.4754 km² at the close of the year 2008-2009 and forms 29% of the total geographical area of Kerala state (38863 km²).

Distribution of forest area according to Legal Status is given below in table 1.1

Table 1.1

Unit: sq. km

Reserve Forest	Proposed Reserve	Vested forest	Total
9107.2066	364.4731	1837.7957	11309.4754
80.53%	3.22%	16.25%	100%

Reserve Forest- The forest reserved under Section 19 of Kerala Forest Act and includes forest notified under section 4 of said act.

Vested Forest- Any forest vested in government under section 3 of the Kerala Private Forest (Vesting & Assignment) Act, 1971.

The Division wise distribution of Forest Area in charge of Kerala Forest Department according to legal status at the close of the year 2008-09 is given in Table 1.2

Table – 1.2

Division-wise area of forest as on 31..03..2009 (sq. km.)

Sl. No.	Division	Reserve Forests	Proposed Reserve	Vested Forests	Total	Percentage to total
Southern Circle, Kollam						
1	Thiruvananthapuram	359.1240	5.8253	3.6510	368.6003	3.26
2	Thenmala	123.4320	-	7.7350	131.1670	1.16
3	Achencoil	284.3298	-	0.2082	284.5380	2.52
4	Ranni	1050.3360	7.1600	1.5680	1,059.0640	9.36
5	Punalur	280.0510	-	0.1690	280.2200	2.48
6	Konni	320.6430	11.0210	-	331.6640	2.93
Total		2417.9158	24.0063	13.3312	2455.2533	21.71
High Range Circle, Kottayam						
7	Kothamangalam	316.8451	-	0.1576	317.0027	2.80
8	Munnar	371.3950	244.3700	2.4500	618.2150	5.47
9	Marayoor	13.9720	47.2600	0.0760	61.3080	0.54
10	Mankulam	90.0600	-	-	90.0600	0.80
11	Kottayam	627.2870	-	31.9670	659.2540	5.83
Total		1,419.5591	291.6300	34.6506	1,745.8397	15.44
Central Circle, Thrissur						
12	Vazhachal	413.9440	-	-	413.9440	3.66
13	Chalakydy	279.7098	-	-	279.7098	2.47
14	Malayattoor	617.2411	0.5248	-	617.7659	5.46
15	Thrissur	293.7430	-	4.3137	298.0567	2.64
Total		1,604.6379	0.5248	4.3137	1,609.4764	14.23

Sl. No.	Division	Reserve Forests	Proposed Reserve	Vested Forests	Total	Percentage to total
Eastern Circle, Palakkad						
16	Mannarkkad	150.7322	-	271.7213	422.4535	3.74
17	Nilambur North	57.9196	0.0171	340.7032	398.6399	3.52
18	Nilambur South	267.3894	-	57.8888	325.2782	2.88
19	Palakkad	73.4100	-	162.0847	235.4947	2.08
20	Nenmara	205.5170	-	150.2104	355.7274	3.15
Total		754.9682	0.0171	982.6084	1,737.5937	15.37
Northern Circle, Kannur						
21	Kozhikode	24.3998	22.9660	243.0856	290.4514	2.57
22	Wayanad North	134.0240	15.0640	65.8527	214.9407	1.90
23	Wayanad South	66.1381	6.8449	274.6810	347.6640	3.07
24	Kannur	207.3923	-	98.9097	306.3020	2.71
Total		431.9542	44.8749	682.5290	1,159.3581	10.25
CF, ABP						
25	Thiruvananthapuram (WL)	212.0000	-	-	212.0000	1.87
26	Shenthuruni	166.4200	-	4.5800	171.0000	1.51
Total		378.4200	-	4.5800	383.0000	3.38
Field Director Project Tiger, Kottayam						
27	Periyar East	618.0000	-	-	618.0000	5.46
28	Periyar West	157.0000	-	-	157.0000	1.39
29	Munnar	276.8450	-	-	276.8450	2.45
30	Idukki	130.5240	-	-	130.5240	1.15
Total		1,182.3690	-	-	1,182.3690	10.45

Sl. No.	Division	Reserve Forests	Proposed Reserve	Vested Forests	Total	Percentage to total
Wildlife Circle, Palakkad						
31	Parambikulam	274.1408	-	-	274.1408	2.42
32	Wayanadu (WL)	344.4400	-	-	344.4400	3.05
33	Silent Valley	154.3800	-	83.1400	237.5200	2.10
34	Peechi	122.0644	3.4200	-	125.4844	1.11
35	Aralam	22.3572	-	32.6428	55.0000	0.49
Total		917.3824	3.4200	115.7828	1,036.5852	9.17
Grand Total		9,107.2066	364.4731	1,837.7957	11,309.4754	

Type wise Forest Area in charge of Kerala Forest Department according to legal status at the close of the year 2008-09 is given in Table 1.3.

Table 1.3

Classification of forest area as on 31..3..2009 by type

Sl.No	Forest Type	Area (sq.km.)	Percentage to total
1	Tropical Wet Evergreen and Semi Evergreen	3877.4413	34.28
2	Tropical Moist Deciduous	3615.9840	31.97
3	Tropical Dry Deciduous	391.3636	3.46
4	Montane Sub-tropical Temperate sholas	386.4210	3.42
5	Plantations	1477.3930	13.06
6	Grass Lands	501.0865	4.43
7	Others	1059.7860	9.37
Total		11309.4754	

The distribution of forest area according to purpose of utilization is given below in table 1.4

Table 1.4

Classification of forest area under land utilization as on 31..03..2009

Sl.No.	Mode of utilisation	Area (sq.km)	Percentage to total
1	Dense Forests / Degraded Forest	8772.2964	77.57
2	Plantation	1477.3930	13.06
3	Area under lease	649.4450	5.74
4	Forest land diverted under FCA	410.3410	3.63
	Total	11309.4754	

Table 1.5

Range wise area of forests as on 31..03..2009

Sl.No.	Division/Range	Area (sq.km.)
1	Thiruvananthapuram	
1	Kulathupuzha	219.6883
2	Palode	107.5010
3	Paruthippally	41.4110
	Total	368.6003
2	Thenmala	
4	Ariyankavu	73.6660
5	Thenmala	57.5010
	Total	131.1670
3	Achancovil	
6	Achancovil	88.9550
7	Kallar	78.9890
8	Kanayar	116.5940
	Total	284.5380

Sl.No.	Division/Range	Area (sq.km.)
4	Ranni	
9	Ranni	136.2367
10	Goodrikkal	653.9673
11	Vadasserikkara	268.8600
	Total	1,059.0640
5	Punalur	
12	Anchal	148.4120
13	Pathanapuram	131.8080
	Total	280.2200
6	Konni	
14	Konni	62.7280
15	Naduvathumoozhi	138.9360
16	Mannarappara	130.0000
	Total	331.6640
7	Kothamangalam	
17	Thodupuzha	218.3896
18	Kothamangalam	12.1531
19	Kaliyar	49.0800
20	Mullaringad	37.3800
	Total	317.0027
8	Munnar	
21	Munnar	106.1900
22	Devikulam	298.4130
23	Adimali	110.8720
24	Neriyamangalam	102.7400
	Total	618.2150

Sl.No.	Division/Range	Area (sq.km.)
9	Marayoor	
25	Marayoor	41.0410
26	Kanthalloor	20.2670
	Total	61.3080
10	Mankulam	
27	Mankulam	90.0600
	Total	90.0600
11	Kottayam	
28	Erumeli	162.1830
29	Ayyappancovil	88.0790
30	Nagarampara	143.4000
31	Kumili	265.5920
	Total	659.2540
12	Vazhachal	
32	Charpa	59.9750
33	Vazhachal	90.6430
34	Sholayar	138.8800
35	Kollathirumed	29.3480
36	Athirappally	95.0980
	Total	413.9440
13	Chalakyudy	
37	Pariyaram	115.3118
38	Palappilly	55.9971
39	Vellikkulangara	108.4009
	Total	279.7098
14	Malayattoor	
40	Kalady	72.5149
41	Kodanadu	56.7410

Sl.No.	Division/Range	Area (sq.km.)
42	Thundathil	131.4000
43	Kuttampuzha	187.0400
44	Edamalayar	170.0700
	Total	617.7659
15	Thrissur	
45	Vadakkancherry	56.8530
46	Pattikkad	167.5787
47	Machad	73.6250
	Total	298.0567
16	Mannarkkad	
48	Attappadi	169.4309
49	Agali	129.0102
50	Mannarkkad	124.0124
	Total	422.4535
17	Nilambur North	
51	Nilambur	140.6156
52	Edavanna	102.8365
53	Vazhikadavu	155.1878
	Total	398.6399
18	Nilambur South	
54	Kalikavu	59.6706
55	Karulai	265.6076
	Total	325.2782
19	Palakkad	
56	Olavakkode	80.1408
57	Walayar	121.8025
58	Ottappalam	33.5514
	Total	235.4947

Sl.No.	Division/Range	Area (sq.km.)
20	Nenmara	
59	Nelliyampathi	206.3626
60	Kollengode	68.2413
61	Alathur	81.1235
	Total	355.7274
21	Kozhikkode	
62	Peruvannamoozhi	130.6934
63	Kuttiyadi	44.8000
64	Thamarassery	114.9580
	Total	290.4514
22	Wayanad North	
65	Begoor	104.1612
66	Periya	84.7323
67	Mananthavady	26.0472
	Total	214.9407
23	Wyanad South	
68	Kalpetta	130.1101
69	Meppady	133.0139
70	Chethalayam	84.5400
	Total	347.6640
24	Kannur	
71	Kannavam	83.9893
72	Kottiyoor	81.1969
73	Thalipparamba	21.2659
74	Kanjangad	59.3725
75	Kasargod	60.4774
	Total	306.3020

<i>Sl.No.</i>	<i>Division/Range</i>	<i>Area (sq.km.)</i>
Wildlife Divisions		
25	Thiruvananthapuram	
76	Neyyar Sanctuary	128.0000
77	Peppara Sanctuary	84.0000
	Total	212.0000
26	Shenduruney	
78	Shendurney Sancutuary	171.0000
	Total	171.0000
27	Periyar East ,Thekkady	
79	Periyar	376.0000
80	Thekkady	99.0000
81	Vallakkadavu	143.0000
	Total	618.0000
28	Periyar West ,Peerumedu.	
82	Pampa	90.0700
83	Azhutha	66.9300
	Total	157.0000
29	Idukki	
84	Idukki	105.3640
85	Thattekkad	25.1600
	Total	130.5240
30	Parambikulam	
86	Sunkom	81.7508
87	Parambikulam	52.1800
88	Orukkomban	71.8370
89	Karimala	68.3730
	Total	274.1408

<i>Sl.No.</i>	<i>Division/Range</i>	<i>Area (sq.km.)</i>
31	Wayanad	
90	Tholpetty	77.6700
91	Kurichiyatt	106.4500
92	Muthanga	74.2900
93	Bathery	86.0300
	Total	344.4400
32	Silent Valley	
94	Silent Valley National Park	143.5200
95	Bhavani	94.0000
	Total	237.5200
33	Munnar	
96	Eravikulam National Park	97.0000
97	Chinnar Wild Life Sanctuary	90.4420
98	Mathikettan Shola National Park	12.8100
99	Anamudi Shola National Park	32.8400
100	Pampadum Shola National Park	11.7530
101	Kurinjimala Sanctuary	32.0000
	Total	276.8450
34	Peechi	
102	Peechi	40.4174
103	Chimmini	85.0670
	Total	125.4844
35	Aralam	
104	Aralam	55.0000
	Total	55.0000
	Grand Total	11,309.4754

District wise total forest area is shown in table 1.6

Table 1.6

Sl. No	District	Area (sq.km)
1.	Thiruvananthapuram	463.8341
2.	Kollam	840.5672
3.	Pathanamthitta	1533.7937
4.	Kottayam	100.845
5.	Ernakulam	823.8302
6.	Idukki	2713.7226
7.	Thrissur	1022.7517
8.	Palakkad	1527.3564
9.	Malappuram	723.9181
10.	Kozhikode	290.4514
11.	Wayanad	907.0447
12.	Kannur	241.4522
13.	Kasaragode	119.8499
	TOTAL	11309.4172

Table 1.7

District wise forest area by legal status as on 31..03..2009 (sq.km)

Sl.No.	District	Division	Reserve Forest/ Proposed Reserve	Vested Forest	Total
1	Thiruvananthapuram	Thiruvananthapuram	248.1831	3.6510	251.8341
		Thiruvananthapuram (WL)	212.0000		212.0000
		Total	460.1831	3.6510	463.8341
2	Kollam	Thiruvananthapuram	116.7662		116.7662
		Thenmala	123.4320	7.7350	131.1670
		Punalur	280.0510	0.1690	280.2200
		Konni	78.3900		78.3900

Sl.No.	District	Division	Reserve Forest/ Proposed Reserve	Vested Forest	Total
		Achencoil	62.8158	0.2082	63.0240
		Shenduruni	166.4200	4.5800	171.0000
		Total	827.8750	12.6922	840.5672
3	Pathanamthitta	Konni	253.2740		253.2740
		Ranni	1,057.4960	1.5680	1,059.0640
		Achencoil	221.4557		221.4557
		Total	1,532.2257	1.5680	1,533.7937
4	Kottayam	Kottayam	100.8450		100.8450
		Total	100.8450	-	100.8450
5	Ernakulam	Malayattoor	615.0911		615.0911
		Munnar	52.0800		52.0800
		Vazhachal	95.0980		95.0980
		Kothamangalam	36.4011		36.4011
		Idukki (WL)	25.1600		25.1600
		Total	823.8302	-	823.8302
6	Idukki	Kottayam	526.4420	31.9670	558.4090
		Munnar	563.6850	2.4500	566.1350
		Marayoor	61.2320	0.0760	61.3080
		Kothamangalam	280.4440	0.1576	280.6016
		Thekkady (WL)	618.0000		618.0000
		Munnar (WL)	276.8450		276.8450
		Peerumedu (WL)	157.0000		157.0000
		Mankulam Spl. Divn.	90.0600		90.0600
		Idukki (WL)	105.3640		105.3640
		Total	2,679.0720	34.6506	2,713.7226
7	Thrissur	Thrissur	293.7430	4.3137	298.0567
		Malayattoor	2.6748		2.6748
		Chalakkudy	279.7098		279.7098

Sl.No.	District	Division	Reserve Forest/ Proposed Reserve	Vested Forest	Total
		Vazhachal	318.8460		318.8460
		Peechi	123.4644		123.4644
		Total	1,018.4380	4.3137	1,022.7517
8	Palakkad	Nenmara	205.5170	150.2104	355.7274
		Palakkad	73.4100	162.0847	235.4947
		Mannarkkad	150.7322	271.7213	422.4535
		Parambikulam (WL)	274.1408		274.1408
		Silent Valley (WL)	154.3800	83.1400	237.5200
		Peechi	2.0200		2.0200
		Total	860.2000	667.1564	1,527.3564
9	Malappuram	Nilambur South	267.3894	57.8888	325.2782
		Nilambur North	57.9367	340.7032	398.6399
		Total	325.3261	398.5920	723.9181
10	Kozhikkode	Kozhikkode	47.3658	243.0856	290.4514
		Total	47.3658	243.0856	290.4514
11	Wayanad	Wayanad North	149.0880	65.8527	214.9407
		Wayanad South	72.9830	274.6810	347.6640
		Wayanad (WL)	344.4400		344.4400
		Total	566.5110	340.5337	907.0447
12	Kannur	Kannur	121.3703	65.0819	186.4522
		Aralam (WL)	22.3572	32.6428	55.0000
		Total	143.7275	97.7247	241.4522
13	Kasaragode	Kannur	86.0221	33.8278	119.8499
		Total	86.0221	33.8278	119.8499
		GRAND TOTAL	9,471.6215	1,837.7957	11,309.4172



☆ Difference due to an area of 0.0582 sq. km of Achencoil division lies in the Shencottah range which is in Tamil Nadu.

The species wise distribution of plantation area (ha.) as on 31.03.2009 is given in table 1.8

Table 1.8

Sl.No.	Speceis	Area (ha.)	% to total Plantation	Sl.No.	Speceis	Area (ha.)	% to total Plantation
1	Teak	77788.526	52.65	18	Albezzia	150.570	0.10
2	Teakwood & Soft wood	15557.484	10.53	19	Anjali	614.138	0.42
3	Accacia Mangium	3429.554	2.32	20	Kambakam	96.831	0.07
4	Accacia Auriculiformis	7339.484	4.97	21	Elavu	318.130	0.22
5	Eucaliptus	6438.935	4.36	22	Rubber	86.470	0.06
6	Cane	2849.456	1.93	23	Balsa	40.800	0.03
7	Bamboo	4509.470	3.05	24	Wattle	4370.930	2.96
8	Rosewood	44.545	0.03	25	Matti	389.600	0.26
9	Mahagani	96.180	0.07	26	Cashew	3124.695	2.12
10	Sandalwood	100.840	0.07	27	Agave	46.150	0.03
11	Other Hardwood	116.937	0.08	28	Alnus	98.350	0.07
12	Reeds	214.020	0.15	29	Sesbania	21.070	0.01
13	Cinnamon	3.740	0.003	30	Casuarina	52.630	0.04
14	Pepper	130.000	0.09	31	Misc	16616.464	11.25
15	Medicinal Plants	1947.873	1.32	32	Mangroves	279.039	0.19
16	Gravelia Robesta	256.150	0.17	33	Fruit bearing	26.023	0.02
17	Pine	584.196	0.40		Total	147739.280	

The distribution of plantation are according to category of species is given in **table 1.9** below.

Table 1.9
Division/Species wise distribution of plantation area (ha.) as on 31..03..2009

Sl. No.	Divisions	Teak	Teak & Softwood	Accacia Mangium	Accacia Auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogany	Sandalwood
1	2	3	4	5	6	7	8	9	10	11	12
I	SOUTHERN CIRCLE										
1	THIRUVANANTHAPURAM	600.881	327.195	956.640	2547.992	285.000	49.000	25.000			
2	THENMALA	1819.534	449.010		691.830	450.810					
3	PUNALUR	1290.760	367.940	1879.437	227.990			38.000			
4	ACHENCOIL	2421.430	1856.624	19.200			520.771	124.000			
5	RANNI	3141.030	1124.720	172.490	445.110						
6	KONNI	7980.945		109.360	97.600	5.400	343.000	474.900		0.600	
	TOTAL	17254.580	4125.489	3137.127	4010.522	741.210	912.771	661.900	0.000	0.600	0.000
II	HIGHRANGE CIRCLE										
7	KOTTAYAM	4112.659	2001.150		56.000	202.800	140.600	112.685		16.000	
8	MUNNAR	786.95	10.000			2274.440	62.000	267.450			
9	KOTHAMANGALAM	4435.008		235.677	14.000	161.310	163.250	51.600	8.100	15.240	
10	MARAYOOR					18.200					
11	MANKULAM			12.750		50.000	28.560	30.000		3.500	
	TOTAL	9334.617	2011.150	248.427	70.000	2706.750	394.410	461.735	8.100	34.740	0.000
III	CENTRAL CIRCLE										
12	MALAYATTOOR	5581.470		44.000							
13	VAZHACHAL	3885.790	1777.990			211.560	34.080	167.280			
14	CHALAKKUDY	4477.120	670.000		54.000			38.600			
15	THRISSUR	2679.000	560.440		1727.464	429.900	30.400	666.460	18.410		
	TOTAL	16623.380	3008.430	44.000	1781.464	641.460	64.480	872.340	18.410	0.000	0.000

Sl. No.	Divisions	Teak	Teak & Softwood	Accacia Mangium	Accacia Auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogani	Sandalwood
1	2	3	4	5	6	7	8	9	10	11	12
IV	EASTERN CIRCLE										
17	NENMARA	1338.359									
18	PALAKKAD	1850.760	49.680		64.450	41.920	65.880	155.300			
19	MANNARKKAD	628.970									32.000
20	NILAMBUR (S)	4434.590					98.500	14.000		3.640	
21	NILAMBUR (N)	4349.334			41.450	118.580	307.000	522.924			
	TOTAL	12602.013	49.680	0.000	105.900	160.500	471.380	692.224	0.000	3.640	32.000
V	NORTHERN CIRCLE										
22	KOZHIKODE	351.310				306.770				5.000	
23	WAYNADU (S)	2330.050	69.900		296.000	671.000	60.000	170.000			
24	WAYNADU (N)	488.357	997.027		436.650	410.540	165.600	146.000			
25	KANNUR	1256.180	2438.810		447.948		780.815	170.300	3.035	45.530	57.720
	TOTAL	4425.897	3505.737	0.000	1180.598	1388.310	1006.415	486.300	3.035	50.530	57.720
VI	CF, AGASTHYAVANAM										
1	THIRUVANANTHAPURAM	42.580			157.000			1096.681			
2	SENTHURUNI										
	TOTAL	42.580	0.000	0.000	157.000	0.000	0.000	1096.681	0.000	0.000	0.000

Sl. No.	Divisions	Teak	Teak & Softwood	Accacia Mangium	Accacia Auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogani	Sandalwood
1	2	3	4	5	6	7	8	9	10	11	12
VII	F.D. KOTTAYAM										
3	IDUKKI	293.240						106.040	5.000	6.670	
4	MUNNAR					800.705					
6	G.L.A.PEERUMEDU										
7	THEKKADY										
	TOTAL	293.240	0.000	0.000	0.000	800.705	0.000	106.040	5.000	6.670	0.000
VIII	W.L. PALAKKAD										
8	PEECHI	457.427	739.467		34.000			132.250			
9	PARAMBIKULAM	8569.510									
10	SILENT VALLEY	437.300									
11	WAYANAD	7426.682	2117.531						10.000		11.120
12	ARALAM	321.300									
	TOTAL	17212.219	2856.998	0.000	34.000	0.000	0.000	132.250	10.000	0.000	11.120
	GRAND TOTAL	77788.526	15557.484	3429.554	7339.484	6438.935	2849.456	4509.470	44.545	96.180	100.840

Sl. No.	Divisions	Other Hardwood	Reeds	Cinnamon	Pepper	Medicinal Plants	Gravelia Robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
1	2	13	14	15	16	17	18	19	20	21	22	23	24
I	SOUTHERN CIRCLE												
1	THIRUVANANTHAPURAM					42.07		62.58	7.00	596.85	13.96		
2	THENMALA					3.36							
3	PUNALUR	35.00	1.90			62.31							44.37
4	ACHENCOIL		52.20			267.87						72.44	
5	RANNI		33.23										
6	KONNI					103.75							
	TOTAL	35.00	87.33	0.00	0.00	479.36	0.00	62.58	7.00	596.85	13.96	72.44	44.37
II	HIGHRANGE CIRCLE												
7	KOTTAYAM					215.00							
8	MUNNAR					52.30		485.00				20.99	
9	KOTHAMANGALAM					3.60			3.28	10.00		11.55	
10	MARAYOOR												
11	MANKULAM		76.69			66.80	69.60						
	TOTAL	0.00	76.69	0.00	0.00	337.70	69.60	485.00	3.28	10.00	0.00	32.54	0.00
III	CENTRAL CIRCLE												
12	MALAYATTOOR												
13	VAZHACHAL					121.31	76.55		86.05			105.35	
14	CHALAKKUDY					20.00						107.80	
15	THRISSUR					205.01							
	TOTAL	0.00	0.00	0.00	0.00	346.32	76.55	0.00	86.05	0.00	0.00	213.15	0.00

Sl. No.	Divisions	Other Hardwood	Reeds	Cinnamon	Pepper	Medicinal Plants	Gravelia Robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
1	2	13	14	15	16	17	18	19	20	21	22	23	24
IV	EASTERN CIRCLE												
17	NENMARA												
18	PALAKKAD	12.63				84.52							
19	MANNARKKAD												
20	NILAMBUR (S)	2.00				78.36							
21	NILAMBUR (N)					173.78							
	TOTAL	14.63	0.00	0.00	0.00	336.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V	NORTHERN CIRCLE												
22	KOZHIKODE		40.00										
23	WAYNADU (S)		10.00		30.00	26.14	110.00						
24	WAYNADU (N)				30.00	220.82							
25	KANNUR	28.31		3.74	70.00	131.88				7.28	82.87		
	TOTAL	28.31	50.00	3.74	130.00	378.84	110.00	0.00	0.00	7.28	82.87	0.00	0.00
VI	CF, AGASTHYAVANAM												
1	THIRUVANANTHAPURAM								54.24				42.10
2	SENTHURUNI												
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.24	0.00	0.00	0.00	42.10

Sl. No.	Divisions	Other Hardwood	Reeds	Cinnamon	Pepper	Medicinal Plants	Gravelia Robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
1	2	13	14	15	16	17	18	19	20	21	22	23	24
VII	F.D. KOTTAYAM												
3	IDUKKI												
5	MUNNAR							36.62					
6	G.L.A.PEERUMEDU												
7	THEKKADY												
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	36.62	0.00	0.00	0.00	0.00	0.00
VIII	W.L. PALAKKAD												
8	PEECHI					69.00							
9	PARAMBIKULAM												
10	SILENT VALLEY												
11	WAYANAD	39.00											
12	ARALAM												
	TOTAL	39.00	0.00	0.00	0.00	69.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GRAND TOTAL	116.94	214.02	3.74	130.00	1947.87	256.15	584.20	150.57	614.14	96.83	318.13	86.47

Sl. No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarinaq	Misc	Mangroves	Fruit Bearing	GRAND TOTAL
1	2	25	26	27	28	29	30	31	32	33	34	35	36
I	SOUTHERN CIRCLE												
1	THIRUVANANTHAPURAM	9.3	25	13.1	474.01					654.097			6689.672
2	THENMALA	15								536.760			3966.304
3	PUNALUR			14.8						247.800			4210.307
4	ACHENCOIL												5334.530
5	RANNI									1224.720			6141.300
6	KONNI					32				0.800			9148.355
	TOTAL	24.3	25	27.9	474.01	32	0.000	0.000	0.000	2664.177	0.000	0.000	35490.468
II	HIGHRANGE CIRCLE												
7	KOTTAYAM			11						50.000			6917.894
8	MUNNAR		1981.16				85.60			1348.710			7374.600
9	KOTHAMANGALAM			127.9	54					1071.387			6365.902
10	MARAYOOR		866.82							17.200			902.220
11	MANKULAM						12.75			129.080			479.730
	TOTAL	0	2848	138.9	54	0	98.35	0.000	0.000	2616.377	0.000	0.000	22040.346
III	CENTRAL CIRCLE												
12	MALAYATTOOR												5625.470
13	VAZHACHAL				10			21.07					6497.030
14	CHALAKKUDY				314.87					280.860			5963.250
15	THRISSUR			40.00	640.00								6997.084
	TOTAL	0	0	40.00	964.87	0	0.000	21.07	0.000	280.860	0.000	0.000	25082.834

Sl. No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarinaq	Misc	Mangroves	Fruit Bearing	GRAND TOTAL
1	2	25	26	27	28	29	30	31	32	33	34	35	36
IV	EASTERN CIRCLE												
17	NENMARA												1338.359
18	PALAKKAD			66.9	87.88				32.630	1066.190		5.000	3583.740
19	MANNARKKAD					0.15							661.120
20	NILAMBUR (S)									456.320			5087.410
21	NILAMBUR (N)				299.41					1267.137			7079.612
	TOTAL	0	0	66.9	387.29	0.15	0.000	0.000	32.63	2789.647	0.000	5.000	17750.241
V	NORTHERN CIRCLE												
22	KOZHIKODE			65.5	150.06				20.000	1331.790			2270.430
23	WAYNADU (S)												3773.090
24	WAYNADU (N)									1367.755			4262.749
25	KANNUR	16.5		3.5	1004.47					1898.452	279.039	21.023	8747.403
	TOTAL	16.5	0	69	1154.5	0	0.000	0.000	20.000	4597.997	279.039	21.023	19053.672
VI	CF, AGASTHYAVANAM												
1	THIRUVANANTHAPURAM				25					1497.250			2914.851
2	SENTHURUNI												0.000
	TOTAL	0	0	0	25	0	0.000	0.000	0.000	1497.250	0.000	0.000	2914.851

Sl. No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarinaq	Misc	Mangroves	Fruit Bearing	GRAND TOTAL
1	2	25	26	27	28	29	30	31	32	33	34	35	36
VII	F.D. KOTTAYAM												
3	IDUKKI					14				84.500			509.450
4	MUNNAR		1497.95							35.000			2370.275
6	G.L.A.PEERUMEDU												0.000
7	THEKKADY									50.000			50.000
	TOTAL	0	1497.95	0	0	14	0.000	0.000	0.000	169.500	0.000	0.000	2929.725
VIII	W.L. PALAKKAD												
8	PEECHI			46.9	35					295.650			1809.694
9	PARAMBIKULAM									215.770			8785.280
10	SILENT VALLEY												437.300
11	WAYANAD									1489.236			11093.569
12	ARALAM				30								351.300
	TOTAL	0	0	46.9	65	0	0.000	0.000	0.000	2000.656	0.000	0.000	22477.143
	GRAND TOTAL	40.8	4370.9	389.6	3124.7	46.15	98.35	21.07	52.63	16616.46	279.039	26.023	147739.280

Forest Cover

The forest cover of the Kerala State as per the 2009 report of FSI was 17324 sq. km with 1443 sq.km very dense forest, 9410 sq. km of moderate dense forest and 6471 sq. km of open forest. This constitute 44.58% of the total geographical area of the state, shows that the forest cover of Kerala increased over previous assessment. There is an increase of very dense forest cover to the tune of 419 sq. km, moderate forest of 774 sq. km and open forest 536 sq. km. As per the report, the main reason for forest cover increase was due to the change in the area of the trees outside forest.

Table 1.10
District wise forest cover in Kerala
Area in sq.km

Sl. No	District	Geographic Area	Forest cover				Percent to GA
			Very dense	Moderate dense	Open forest	Total	
1	Thiruvananthapuram	2192	55	826	469	1350	61.50
2	Kollam	2491	75	636	626	1337	53.67
3	Pathanamthitta	2642	144	1149	465	1758	66.54
4	Alappuzha	1414	0	12	26	38	2.69
5	Kottayam	2203	13	546	336	895	40.63
6	Idukki	5019	350	2160	1422	3932	78.34
7	Ernakulam	2407	12	299	385	696	28.92
8	Thrissur	3032	181	389	363	933	30.77
9	Palakkad	4480	276	693	606	1575	35.16
10	Malappuram	3550	144	407	660	1211	34.11
11	Kozhikode	2344	32	288	271	591	25.21
12	Wayanad	2131	140	1347	288	1775	83.29
13	Kannur	2966	21	351	269	641	21.61
14	Kasaragode	1992	0	307	285	592	29.72
	STATE	38863	1443	9410	6471	17324	44.58

Source : FSI 2009

The distribution of plantation area according to category of species is given in table 1.11 below

Table 1.11

Sl. No.	Plantation	Area (ha.)	%
1	Hardwood	118424.059	80.16
2	Softwood	19309.450	13.06
3	Others	2153.786	1.46
4	Bamboo, Cane & Reeds	7572.946	5.13
5	Mangrove	279.039	0.19
	Total	147739.280	

Table 1.12

Division/Category wise area of plantation as on 31.03.2009

(Area in ha.)

Sl. No.	Division	Hard Wood	Soft Wood	Others	Bamboo, Cane and Reeds	Mangroves	Total
1	Thiruvananthapuram	4740.979	1832.623	42.070	74.000	0	6689.672
2	Thenmala	3497.134	465.810	3.360	0	0	3966.304
3	Punalur	2169.490	1938.607	62.310	39.900	0	4210.307
4	Achenkovil	4278.054	91.640	267.865	696.971	0	5334.530
5	Ranni	5935.580	172.490	0	33.230	0	6141.300
6	Konni	8079.945	114.760	135.750	817.900	0	9148.355
7	Kottayam	6235.809	213.800	215.000	253.285	0	6917.894
8	Munnar	2145.660	4847.190	52.300	329.450	0	7374.600
9	Kothamangalam	5553.735	593.717	3.600	214.850	0	6365.902
10	Marayoor	17.200	885.020	0	0	0	902.220
11	Mankulam	132.580	145.100	66.800	135.250	0	479.730
12	Malayattoor	5581.470	44.000	0	0	0	5625.4700
13	Vazhachal	5663.780	510.580	121.310	201.360	0	6497.030

Sl. No.	Division	Hard Wood	Soft Wood	Others	Bamboo, Cane and Reeds	Mangroves	Total
14	Chalakkudy	5481.980	422.670	20.000	38.600	0	5963.250
15	Thrissur	4985.314	1109.900	205.010	696.860	0	6997.084
16	Nenmara	1338.359	0	0	0	0	1338.359
17	Palakkad	3076.340	196.700	89.520	221.180	0	3583.740
18	Mannarkkad	660.970	0	0.150	0	0	661.120
19	Nilambur (South)	4896.550	0	78.360	112.500	0	5087.410
20	Nilambur (North)	5657.921	417.989	173.778	829.924	0	7079.612
21	Kozhikkode	1708.100	522.330	0	40.000	0	2270.430
22	Wayanad (South)	2695.950	781.000	56.140	240.000	0	3773.090
23	Wayanad (North)	3289.790	410.540	250.820	311.600	0	4262.749
24	Kannur	6266.137	1024.469	226.643	951.115	279.039	8747.403
25	Wildlife Thiruvananthapuram	1696.830	121.340	0	1096.681	0	2914.851
26	Wildlife Idukki	389.410	0	14.000	106.040	0	509.450
28	Munnar WL (Eravikulam)	35.000	2335.275	0	0	0	2370.275
30	Periyar (E) Thekkady	50.000	0	0	0	0	50.000
31	Wildlife Peechi	1526.544	81.900	69.000	132.250	0	1809.694
32	Wildlife Parambikulam	8785.280	0	0	0	0	8785.280
33	Wildlife Silent valley	437.300	0	0	0	0	437.300
34	Wildlife Wayanad	11093.569	0	0	0	0	11093.569
35	Wildlife Aralam	321.300	30.000	0	0	0	351.300
Total		118424.059	19309.450	2,153.786	7,572.946	279.039	147739.280

Kerala Forest Development Corporation (KFDC)

A state owned public sector undertaking was set up on 24.01.1975 as an off-shoot of the Forest Department pursuant to the recommendations of the National Agricultural Commission's report 1972 to mobilize institutional finance to establish large scale forest plantations over 80000 Ha for the development and establishment of wood based industries in the state.

The species wise plantation area under the management of KFDC is given in table 1.13 below.

Table 1.13

Species wise plantation area of KFDC

Sl.No.	Species	Area (ha.)
1	Pulpwood	4,393.325
2	Teak and Softwood	1,510.634
3	Bamboo	546.694
4	Cardamom	678.680
5	Tea	99.870
6	Coffee	676.000
7	Cashew	307.847
8	Others (Unutilised area)	1,371.597
9	Unproductive/swamp/rock patch/building site etc.	608.171
	Total	10,192.818

Table 1.14

Out turn of major produce in 2008-2009

Sl.No.	Item	Unit	Government Agency	Private Agency	Total
1	Timber in Round logs	Cum	50300.7850		50300.785
2	Sawn and squared timber	Cum	299.067		299.067
3	Poles	Nos	294289		294289
4	Firewood	MT	9217.500		9217.500
5	Sandal Wood	Kg	30808.630		30808.630
6	Bamboo	Nos.	1897907		1897907
7	Reeds	Nos.	18680386	894800	19575186
8	Honey	Kg	79081.000		79081.000
9	Jungle wood Poles	Nos.	21450		21450
10	Ivory	Kg	33.37		33.37

Production of minor forest produce is given in table 1.15

Table 1.15

Production of minor forest produce in 2008-2009

Sl.No.	Name	Units	Quantity
1	Ayurvedic Herbs	Kg.	1116124.50
2	Spices	Kg.	900.50
3	Fibre	Kg.	46760.00
4	Grass other than fodder	Kg.	83438.00
5	Incensive Plants	Kg.	60517.00
6	Vegetable Oil Seeds	Kg.	2001.50
7	Honey	Kg.	79081.000
8	Bee's Wax	Kg.	778.00
9	Parts of Medicinal Trees	Kg.	8372.50

Category wise out turn of Timber classified according to utility is given below in table 1.16

Table 1.16

Out turn of timber based on utility

Sl. No.	Category	Unit	Quantity
1	Industrial wood	Cu m	39451.796
2	Plywood	Cu m	56.031
3	Match wood	Cu m	603.485
4	Bobbin wood	Cu m	2.908
5	Pencil wood	Cu m	1.364
6	Packing case wood	Cu m	400.008
7	Pulpwood		
a	Eucalyptus	MT	10430.799
b	Bamboo	Nos	1897907
c	Reeds	Nos	18680386
8	Miscellaneous		
a	Fire wood	MT	9217.500
b	Teak poles	Nos	294289

Chapter II

HUMAN RESOURCES

- ❖ Staff position of Forest Department
- ❖ Training imparted to forest staff

Abstract of category wise employees as on 31.03.2009 is given in table 2.1

Table 2.1

Sl. No.	Category	Sanctioned Strength	In position	Vacancy
1	Class I	72	61	11
2	Class II	526	480	46
3	Class III	5004	4201	803
4	Class IV	1011	776	235
	Total	6613	5518	1095

Details of staff strength (designation wise) during 2008-09 are shown in the table 2.2 below.

Table 2.2

SI No	Category/ Designation	Sanctioned strength	In position	Vacancy
1	Principal Chief Conservator of Forests	2	2	0
2	Additional PCCF	3	3	0
3	CCF	11	18	-7 ☆
4	CF	15	12	3
5	DCF	32	18	14
6	Forest Tribunal	1	1	0

SI No	Category/ Designation	Sanctioned strength	In position	Vacancy
7	Economist	1	1	0
8	Law Secretary	1	1	0
9	Deputy Director (Statistics)	1	1	0
10	Deputy Director (wild Life Education)	3	2	1
11	Sr. Finance Officer	1	1	0
12	Sr Administrative Officer	1	1	0
13	ACF	101	96	5
14	Sr. Administrative Assistant	9	8	1
15	Administrative Assistant	12	12	0
16	Personal Assistant	3	3	0
17	Senior Superintendent	34	34	0
18	Range Officer	204	178	26
19	Dy.Range Officer	139	133	6
20	Forest Veterenary Officer	1	1	0
21	Asst Forest Veterenary Officer	2	2	0
22	Documentation Officer	1		1
23	Asst Director Survey	1	1	0
24	Survey Superintendent	2	1	1
25	Research Assistant	3	3	0
26	Wild Life Assistant	9	5	4
27	Sr.Wild Life Assistant	1	1	0
28	Public Relations Officer	1	1	0
29	Research Officer	1		1
30	CI of Police	2	1	1
31	Junior Superintendent	71	71	0
32	Head Accountant	74	74	0
33	Statistical Assistant Gr I & II	34	30	4
34	UD Clerk	437	437	0
35	LD Clerk	437	405	32
36	Typist Clerk	2	0	2
37	Fair Copy Superintendent	8	8	0
38	Sel Gr typist	22	22	0
39	Sr Gr Typist	22	22	0

SI No	Category/ Designation	Sanctioned strength	In position	Vacancy
40	UD Typist	44	44	0
41	LD Typist	45	39	6
42	Confidential Assistant	39	30	9
43	Librarian	1	1	0
44	Foresters	904	864	40
45	Asst.Warden (Forester)	2	2	0
46	Forest Guard	2404	1858	546
47	Surveyer Gr.I	17	17	0
48	Surveyer Gr.II	49	34	15
49	Head Surveyor	2	2	0
50	Pharmacist	2	1	1
51	PT Instructor	6	2	4
52	Finance Manager	1	1	0
53	Timber Supervisor	1		1
54	Assistant Publicity Officer	3	3	0
55	Photographer Cum Artist	1	1	0
56	SI of Police	4	1	3
57	Head Constable	22	6	16
58	Police Constable	110	29	81
59	Museum Assistant	1		1
60	Driver	224	186	38
61	Dark Room Attender	1		1
62	Boat Driver	12	9	3
63	Binder	2	2	0
64	Peon Cum Sweeper	1	1	0
65	Peon	419	377	42
66	Gardener	4	4	0
67	Traker Cum Gardener	3	3	0
68	Gardener Cum Marker	1	1	0
69	Cleaner	2	2	0
70	Scavenger/Sanitary Worker	1	1	0
71	Watcher	185	128	57
72	Muduvan Watcher	8	1	7

SI No	Category/ Designation	Sanctioned strength	In position	Vacancy
73	Night Watcher	25	12	13
74	RFWatcher	45	15	30
75	Depot Watcher	24	7	17
76	Watcher Cum Cook	8	1	7
77	Cook	1	1	0
78	Asst Cook	1	1	0
79	Lascar	4	2	2
80	Survey Lascar	11	10	1
81	Boat Watcher	6	5	1
82	Boat Cleaner/Cleaner	3	1	2
83	Part Time Contingent Employees	197	167	30
84	Daffedar	1		1
85	Project Operator	1		1
86	Tappal Watcher	3		3
87	Rest House Watcher	1		1
88	Nursing Assistant	1		1
89	Dispencery Attender	1		1
90	Mahouts & cavadies	26	19	7
91	Pump operator	1		1
92	Bus Cleaner	1		1
93	Lab Assistant	1		1
94	Radio Mechanic	1		1
95	Boat Zrang	1		1
96	Helper	1		1
97	Chowkeedar	1		1
98	Attender	18	17	1
99	Record cum Store Keeper	3		3
	Total	6613	5518	1095

☆ Ex-cadre posts

Training

Information regarding the training imparted to forest staff during the year 2008-09 is given in table 2.3 below

Table 2.3

Training	Institution	Designation	No of Participants
Forest Guard Training (Batch No. - 77,47,48) (No: 65,50,35)	KFS Walayar	Forest Guard	65
	KFS Arippa / Police Academy Thrissur	Forest Guard	85
		Total	150
Forester Training (Batch No - 43, 44,8,9) (No: 19,25,37,40 resp)	KFS Walayar	Forester	44
	KFS Arippa / Police Academy Thrissur	Forester	77
		Total	121
In service Training	KFS Walayar	Dy. RO	35
		Total	35
Refresher Course	KFS Walayar	Deputy Ranger	35
		Foresters	25
		Forest Guard	109
	FTC PTP Nagar	Ministerial Staff	74
		Foresters	48
		Total	291
General Refreshner Course	SFS College Dehradun/Coimbathore/Bumihat	ACF / RO	15
		Total	15
Spark Training	CC Thrissur	Ministerial Staff	45
		Total	45
Trainning on Intelligence	Kerala Police Academy		30
		Total	30
Capacity Building	FTC PTP Nagar	Ministerial Staff	25
		ACFs	22
		Total	47
Competence Enhancement Scheme	Forest Headquarters	Seniour Forest Officers	20
		Total	20
FSI Training	FSI Dehradun, WII Dehradun	CCF	1
		ACF	9
		RO	5
		Total	15
NIRD Trainning	Meghalaya	CCF	1
	Kozhikode	ACF	2

Training	Institution	Designation	No of Participants
		Total	3
CWRDM Training		ACF	4
		RO	7
		Dy Ranger / Foresters	4
		Total	15
Comprehensive Landslide risk Management	NIDM, New Delhi	DFO	1
		Total	1
Computer Application Course	SFS College Dehradun/Coimbatore/Burnihat	ACF / RO	6
		Total	6

Chapter III

MATERIAL RESOURCES

- ❖ Roads, Buildings and Vehicles
- ❖ Forest Stations, Check Posts and Timber Depots
- ❖ Arms and Ammunition

The type wise details of roads maintained by the Kerala Forest Department as on 31.03.2009 are given in table 3.1

Table 3.1

Sl.No.	Type of road	Length (km)
1	Black Topped	376.924
2	Metalled	866.213
3	Cement Concrete	5.951
4	Others	3263.608
	TOTAL	4,512.696
1	Motorable	3882.227
2	Non-Motorable	630.469

Similarly there were number of buildings maintained by the department at the end of the year under report. The details of existing buildings are given table 3.2

Table 3.2

Sl.No.	Item	2009
1	Office Buildings	266
2	Rest House/ Government Cottages	68
3	Chief Conservator of Forests/ Divisional Forest Officers Quarters	62
4	Assistant Conservators/Range Officers/ Deputy Range Officers Quarters	197
5	Forester's Quarters	282
6	Forest Guard's Quarters	249
7	Other Quarters	389
8	Other Buildings	1217
9	Community Hall	49
	Total	2779

There were various type of vehicles namely car, jeep, trucker etc in use by forest department. The details as on 31.03.2009 are given in table 3.3 below

Table 3.3

Sl.No.	Vehicles	Number of Vehicles	No. of vehicles	
			in running condition	Not in running condition
1	Honda City	1	1	
2	Tata Indigo	11	11	
3	Scorpio	1	1	
4	Bolero	19	19	
5	Qualis	8	8	
6	Gypsi	5	2	3
7	Tata Sumo	1	1	
8	Armada Jeep	0		
9	Ambassador Car	55	53	2
10	Tata Spacia	1	1	
11	Mahindra Jeep	300	249	51
12	Maruthy Van	0		
13	Swaraj Mazda	3	3	
14	Tata Mobile	2		2
15	Mini Bus	9	5	4
16	Moped	0		
17	Trucker	1		1
18	Lorry /Tanker Lorry	3	2	1
19	Mini Lorry	1	1	
20	Tractor	1	1	
21	Boat	34	23	11
22	Road Roller	1		1
23	Bullet	148	58	90
24	Motor Cycle	70	53	17
25	Bus	1	1	
26	Voyager	2	2	
27	Fire Tender Machine	1		1
28	Bicycle	2		2
	Total	681	495	186

Forest Stations

Forest Station system first of its kind in the country was introduced by the department in 1988 on Police Station model in the place of Beat Section system for effective forest protection and with a view to afford more collective strength and security to the forest protective staff.

Division wise number of forest stations as on 31.03.2009 is given below in table 3.4

Table 3.4

Sl. No.	Division	No. of Forest Station	Sl. No.	Division	No. of Forest Station
1	Konni	7	9	Mannarkad	8
2	Ranni	9	10	Nilambur South	4
3	Kottayam	6	11	Nilambur North	7
4	Munnar	6	12	Wayanad North	5
5	Marayoor	4	13	Periyar East	22
6	Thrissur	10	14	Munnar WL	14
7	Vazhachal	8	15	Silent Valley	2
8	Malayattoor	14		Total	116

The details on Forest Stations in different ranges are given in table 3.5 below.

Table 3.5

Sl.No.	Divisions	Range		Forest Stations
1	Konni	Konni	1	Kumaramperoor (South)
			2	Kumaramperoor (North)
		Naduvathumoozhy	3	Kokkathodu
			4	Karippanthodu
			5	Padam
		Mannarappara	6	Chempala
			7	Mannarappara
2	Ranni	Ranni	8	Karikkulam
			9	Kanamala
			10	Rajampara
		Vadasserikkara	11	Chittar
			12	Gurunathanmannu

Sl.No.	Divisions	Range		Forest Stations
	Ranni	Goodrikkal	13	Thannithodu
			14	Plappally
			15	Kochukoyikkal
			16	Pachakkanam
3	Kottayam	Nagarampara	17	Vazhathoppu
			18	Vairamany
		Ayyappancoil	19	Kanchiyar
		Erumeli	20	Murinjapuzha
			21	Vandampathal
			22	Placherry
4	Munnar		Munnar	23
		Adimali	24	Machiplavu
			25	Panamkudy
		Neriyamangalam	26	Nagarampara
			27	Inchathotty
			28	Valara
5	Marayoor	Marayoor	29	Marayoor
			30	Nachivayal
		Kanthalloor	31	Kanthalloor
			32	Vannathura
6	Thrissur	Vadakkancherry	33	Erumapetty
			34	Poongodu
			35	Mayannoor
		Machad	36	Akamala
			37	Elanad
			38	Vazhani
		Pattikkad	39	Pattikkad
			40	Ponganamkad
			41	Mannamangalam
			42	Vaniyampara

Sl.No.	Divisions	Range		Forest Stations
7	Vazhachal	Charpa	43	Kannamkuzhy
		Vazhachal	44	Vazhachal
			45	Mukkumpuzha
		Kollathirumedu	46	Kollathirumedu
		Sholayar	47	Malakkappara
			48	Sholayar
		Athirappally	49	Athirappally
			50	Ezhattumugham
8	Malayattoor	Kodanadu	51	Perumthodu
			52	Erumukham
			53	Mekkappala
		Kalady	54	Karakkadu
			55	Kannimangalam
			56	Evergreen
		Thundathil	57	Bhothathankettu
			58	Karimpani
	Malayattoor		59	Edamalayar
			60	Vadathuppara
		Kuttampuzha	61	Pooyamkutty
			62	Anakkulam
		Edamalayar	63	Ennaykkal
			64	Perumuzhy
9	Mannarkkad	Mannarkkad	65	Palakkayam
			66	Mannarkkadu
			67	Thiruvizhamkunnu
		Attappady	68	Puthur
			69	Mukkali
		Agali	70	Ommala
			71	Sholayar
			72	Shingappara

Sl.No.	Divisions	Range		Forest Stations
10	Nilambur (South)	Karulai	73	Padukka
			74	Nedumkayam
		Kalikavu	75	Chakkikuzhi
			76	Karuvarakundu
11	Nilambur (North)	Edavanna	77	Akampadam
			78	Edakkodu
			79	Kodumpuzha
		Nilambur	80	Vaniampuzha
			81	Kanjirampuzha
		Vazhikkadavu	82	Nellikuthu
83	Pothukal			
12	Wayanad (North)	Mananthavady	84	Makkiyad
		Bagoor	85	Thirunelly
			86	Thalapoya
		Periya	87	Kunjom
88	Varayal			
13	Periyar East	Thekkadi	89	Kokkara
			90	Mullayar
			91	Methakanam
			92	Mullakkudi
			93	Nellikampetty
		Periyar	94	Iravankalar
			95	Mavadi
			96	Manalar
			97	Randattinkara
			98	Thamara
99	Thannikudi			
100	Mlappara			
101	Ummikuppan			
102	Moolavaika			

Sl.No.	Divisions	Range		Forest Stations
	Periyar East	Periyar	103	Sundaramala
			104	Periyar
			105	Kottamala
		Vallakkadavu	106	Thondiyar
			107	Vallakkadavu
			108	Aruviyode
			109	Kalaradichan
			110	Kozhikkanam
14	Munnar WL	Eravikulam NP	111	Chattamunnar
		Chinnar	112	Karimutti
		Shola NP	113	Kambakkallu
			114	Kadavari
15	Silent Valley	Bhavani	115	Anavai
			116	Thudukki

Details of Arms & Ammunition

Necessary Arms & Ammunition have been given to the Divsional Forest Officers, Range Officers and Forest Station staff in vulnerable areas for effective protection of forests and wildlife. The details are as shown in table 3.6 below

Table 3.6

Sl. No.	Circle	No. of Weapons (Gun/Rifle/Revolver)	No. of Pistol
1	Kollam	21	11
2	Kottayam	45	14
3	Thrissur	37	9
4	Palakkad	13	6
5	Kannur	13	3
6	ABP, Thiruvananthapuram	15	5
7	FDPT, Kottayam	80	16
8	WL, Palakkad	63	9
9	Inspection & Evaluation, Kottayam & Kozhikode	43	
	Total	330	73

Check Posts

Division wise number of check posts as on 31.03.2009 is given below in table 3.7

Table 3.7

Sl. No.	Name of Division	No. of Check Posts	Sl. No.	Name of Division	No. of Check Posts
1	Thiruvananthapuram	2	17	Mannarkkad	3
2	Thenmala	2	18	Nilambur North	2
3	Punalur	1	19	Nilambur South	2
4	Achencoil	1	20	Kozhikode	2
5	Konni	4	21	Kannur	4
6	Ranni	5	22	Wayanad North	2
7	Kottayam	4	23	Wayanad South	2
8	Kothamangalam	3	24	Thiruvananthapuram WL	1
9	Munnar	4	25	Shendurney WL	1
10	Marayoor	2	26	Periyar East	4
11	Thrissur	2	27	Eravikulam	5
12	Chalakyudy	3	28	Wayanad WL	5
13	Vazhachal	2	29	Parambikulam	3
14	Malayattoor	5	30	Peechi	1
15	Nemmara	3		Total	84
16	Palakkad	4			

Range wise details of check posts are given in table 3.8 below.

Table 3.8

Sl.No.	Division	Range		Check Post
Southern Circle - Kollam				
1	Thiruvananthapuram	Paruthipally	1	Parassala
		Kulathupuzha	2	Venkolla
		Palode		
2	Thenmala	Thenmala	3	Nedumannurkadavu
		Aryankavu	4	Kottavasal
3	Punalur	Pathanapuram	5	Karavoor
4	Achenkovil	Achenkovil	6	Kottavasal
5	Konni	Konni	7	Athumpunkulam
		Naduvathumuzhy	8	Kalleli
			9	Padam
		Mannarappara	10	Mannarappara

Sl.No.	Division	Range		Check Post
6	Ranni	Ranni	11	Rajampara
		Gudrical	12	Pampa Dam
			13	Kochandi
		Vadasserikkara	14	Vadasserikkara
			15	Maniyar
High Range Circle - Kottayam				
7	Kottayam	Kumili	16	Kumili
			17	Kambanmedu
		Erumeli	18	Pulluppara
			19	Vazhikadavu
8	Kothamangalam	Thodupuzha	20	Parakkavala
			21	Kurutikkulam
		Kothamangalam	22	Cheladu
9	Munnar	Neriyamangalam	23	Thalakkodu
		Adimali	24	Panamkutty
		Devikulam	25	Bodimettu
			26	Palar
10	Marayoor	Marayoor	27	Chattamunnar
		Kanthalloor	28	Payasnagar
Central Circle – Thrissur				
11	Thrissur	Machadu	29	Pazhayannur
		Pattikkadu	30	Vaniyampara
12	Chalakyudy	Pariyaram	31	Kappathodu
		Palappilly	32	Parakadavu
		Vellikulangara	33	Mattathoor
13	Vazhachal	Charpa	34	Vazhachal
		Sholayar	35	Malakkappara
14	Malayattoor	Kalady	36	Karakkadavu
			37	Illithodu
		Kodanadu	38	Chapram
		Kuttanpuzha	39	Thattekadu
		Thundathil	40	Boothathankettu

Sl.No.	Division	Range		Check Post
Eastern Circle - Palakkad				
15	Nenmara	Nelliyampathy	41	Pothundi
		Kollengode	42	Gopalapuram
			43	Meenakshipuram
16	Palakkad	Olavakkode	44	Parali
			45	Olavakode
		Walayar	46	Walayar
			47	Malampuzha
17	Mannarkkadu	Agali	48	Anakatty
		Attappadi	49	Mukkali
		Mannarkkadu	50	Thenkara
18	Nilambur North	Edavanna	51	Vadapuram
		Vazhikkadavu	52	Vazhikadavu
19	Nilambur South	Kalikavu	53	Kallamoola
		Karulai	54	Cherupuzha
Northern Circle – Kannur				
20	Kozhikkode	Thamarassery	55	Puthuppadi
			56	Ramanattukara
21	Kannur	Kottiyoor	57	Iritty
		Kannavam	58	Thottilangadi
		Kanjangad	59	Kallar
		Kasargode	60	Manjeswaram
22	Wayanad (North)	Perya	61	Niravil puzha
			62	Boys town
23	Wayanad (South)	Meppadi	63	Choladi
		Kalppatta	64	Lakkidy
Wildlife Circle				
24	Thiruvananthapuram	Peppara	65	Kanithadam
25	Shenthurni	Shenthurni	66	Kattilappara (temp)

Sl.No.	Division	Range		Check Post
26	Periyar East	Thekkadi	67	Thekkady Entrance Gate
		Vallakkadavu	68	Pachakkanam
			69	Vallakkadavu
		Periyar	70	Vellimala
27	Eravikulam	Eravikulam	71	Rajamala
		Chinnar	72	Chinnar
			73	Karimutti
		Shola NP	74	Methap top station
			75	Pampadum chola
28	Wayanadu	Muthanga	76	Muthanga
			77	Pazhoor
		Tholpetty	78	Tholpetty
			79	Bavali
		Kurichiyad	80	Kuppodi
29	Parambikulam	Sunkom	81	Anappadi
			82	Keerappadi
		Orukomban	83	Thoothanppara
30	Peechi	Cimmini	84	Echippara

Timber Depots: A total of 29 no.of timber depots are managed by the department for the purpose of retail and whole sale of timber. Circle / Division wise timber depots as on 31.03.2009 are in table 3.9.

Table 3.9

Sl. No.	Circle	Sales Division	No. of depots
1	Southern Circle, Kollam	Thiruvananthapuram	5
		Punalur	6
2	High Range Circle, Kottayam	Kottayam	4
3	Central Circle, Thrissur	Perumbavur	5
4	Eastern Circle, Palakkad	Palakkad	3
5	Northern Circle, Kannur	Kozhikode	6
	Total		29

The details on timber depots are given in table 3.10 below.

Table 3.10

Sl. No.	Circle	Sales Division		Depots
1	Southern Circle, Kollam	Thiruvananthapuram	1	Kulathoopuzha
			2	Thenmala
			3	Arienkavu
			4	Mullumala
			5	Achenkovil
		Punalur	6	Kadakkamon
			7	Pathanapuram
			8	Konni
			9	Areekkakavu
			10	Thooyam
			11	Veeyapuram
Sl. No.	Circle	Sales Division		Depots
2	High Range Circle, Kottayam	Kottayam	12	Parampuzha
			13	Vettikkad
			14	Thalakkode
			15	Kothamangalam
3	Central Circle, Thrissur	Perumbavoor	16	Vittoor
			17	Varapuzha
			18	Mudikkal
			19	Chalakkudy
			20	Chettikulam
4	Olavakode Circle, Palakkad	Palakkad	21	Aruvakkode
			22	Nedumkayam
			23	Walayar
5	Northern Circle, Kannur	Kozhikode	24	Chaliyam
			25	Kuppadi
			26	Bavaly
			27	Kannothu
			28	Manjakkal
			29	Parappa

Details of Elephants under possession as on 31.03.2009 are given in table 3.11 below

Table 3.11

Sl.No.	Division	Number of Elephants
1	Thenmala	1
2	Konni	5
3	Malayattoor	5
4	Thiruvananthapuram Wildlife	4
5	Wayanad Wildlife	3
	Total	18

Chapter IV

FINANCIAL RESOURCES

❖ *Revenue and Expenditure*

❖ *Financial and Physical achievements*

The receipt of Forest Revenue during the year 2008-2009 was ` 223.71 crores. The total expenditure incurred during the year was ` 205.52 crores. There was increase in expenditure by 23.92 % compared to last year and the increase in forest revenue by 44.84 % over that of previous year.

The forest contribute substantially to the non-tax revenue of the state. The revenue from forestry sector by way of sale of timber and other forest products comes to ` 223.67 in 2008-09. Major portion of the forest revenue is from timber. During 2008-09, ` 187.31 was the revenue from timber which account for 83.73 % of the total forest revenue.

The comparative position of revenue and expenditure for the year 2008-09 and 2007-08 is indicated in the table 4.1 shown below.

Table 4.1

` In crores

Year	Revenue	Expenditure			Surplus or deficit of Revenue over Total
		Plan	Non Plan	Total	
2008-2009	223.71	64.79	140.73	205.52	(+)18.19
2007-2008	154.45	49.71	116.14	165.85	(-)11.40

Revenue from Timber & other forest products is shown in table 4.2 below

Table 4.2

In lakhs

Sl.No.	Items	2007-08	2008-09
	A. FOREST PRODUCTS		
1	Timber	12343.378	18731.146
2	Firewood and Charcoal	49.736	73.887
3	Live Stock	11.872	9.944
4	Other Items	2989.588	3552.089
	Total (A)	15,394.57	22,367.07
Sl.No.	Items	2007-08	2008-09
	B. OTHER RECEIPT		
	Including interest on Forest Revenue Dues	70.624	24.488
	Total (B)	70.62	24.49
	Gross Revenue (A+B)	15,465.20	22,391.55
	Deduct	19.983	21.042
	Net Amount	15,445.22	22,370.51

Details of yield and revenue from cashew plantation

Table 4.3

Year	Total area under Cashew	Area yielding	Yield	Revenue
	(Ha)	(Ha)	(MT)	(Rs.000)
2007-2008	6363.986	4872.88	149.25	6746
2008-2009	6242.725	5462.999	142.294	5637

Details of yield and revenue from pepper plantation

Table 4.4

Year	Total area under Pepper	Area yielding	Yield	Revenue
	(Ha)	(Ha)	(Kg.)	(Rs.)
2007-2008	329.530	70.000	1183.000	35500.00
2008-2009	1155.500	936.310	22198.000	2896932.00

Forest Development Tax

FDT is levied @ 5% on the sale proceeds of forest produce. After deducting the cost of collection of tax, balance amount was placed as additional budgetary source. During the year 2008-09 an amount of ` 9.52 lakhs was collected as FDT. The office wise breakup of the amount is given below.

Table 4.5

Forest Development Tax realized during 2008-09

Budget Head: 0406-01-101-96

Sl. No.	Office	Amount (Rs.)
1	Chief Conservator of Forest, Southern Region, Kollam	78720.00
2	Divisional Forest Officer, Punalur	381445.00
3	Divisional Forest Officer, Kottayam	57574.00
4	Divisional Forest Officer, Timber sales, Kottayam	44000.00
5	Divisional Forest Officer, Timber Sales, Medical Depot Compound, Perumbavoor.	231210.00
6	Divisional Forest Officer, Nilambur North	27250.00
7	Divisional Forest Officer, Nilambur South	131550.00
	Total	951749.00

Outstanding on Account of Forest Revenue

The position of outstanding on account of forest revenue in different offices, of the commencement and as the end of the year 2008-09 vis-a-vis that in the previous year are as follows.

Table 4.6

Sl.No	Office	Arrears of Revenue (` in crores)		
		Outstanding as on 1.04.2008	During 2008-09	Outstanding as on 1.04.2009
1	Southern Circle, Kollam	14.375	31.539	45.914
2	High Range Circle, Kottayam	15.229	0.136	15.365
3	Central Circle, Thrissur	28.782	31.016	59.798
4	Eastern Circle, Palakkad	4.865	0.072	4.937
5	Northern Circle, Kannur	18.467	1.054	19.521
6	CF, ABP, Thiruvananthapuram	0.002	0.000	0.002
7	FDPT Kottayam	0.030	0.000	0.030
8	CF WL Palakkad	2.763	0.141	2.904
9	CF SF Kollam	0.117	0.004	0.121
10	CCF SF Ernakulam	0.017	0.000	0.017
11	CCF SF Kozhikode	0.005	0.043	0.048
	Grand Total	84.650	64.006	148.657

Outlay and Expenditure

The outlay and expenditure during 2007-08 and 2008-09 is as follows in table 4.7.

Table 4.7 (` in crores)

Schemes	2007-2008		2008-2009	
	Outlay	Expenditure	Outlay	Expenditure
State sector	49.18	36.18	54.17	47.25
Central sector	17.65	13.53	18.79	17.54
Total (Plan)	66.83	49.71	72.96	64.79
Non Plan	141.60	116.14	139.16	140.73
Grand Total	208.43	165.85	212.12	205.52

The state plan expenditure under forestry sector during 2008-09 is ` 47.25 crores, which is 87.22 % of the original budget outlay. Under central sector schemes the expenditure incurred was 93.34 % of the budget outlay.

Outlay and expenditure under Plan schemes from 2004-2005 to 2008-2009

Table 4.8 (` in Lakhs)

Year	Outlay			
	General Forestry	Social Forestry	Wildlife	Total
2004-2005	3,770.000	225.000	1,720.000	5,715.000
2005-2006	4,082.000	143.000	1,484.000	5,709.000
2006-2007	5,115.190	275.460	1,790.000	7,180.650
2007-2008	4,548.020	284.770	1,849.700	6,682.490
2008-2009	4,740.510	392.120	2,163.910	7,296.540
Year	Expenditure			
	General Forestry	Social Forestry	Wildlife	Total
2004-2005	3,164.395	9.990	1,272.130	4,446.515
2005-2006	2,718.404	145.324	1,239.335	4,103.063
2006-2007	3,106.315	194.977	1,422.622	4,723.914
2007-2008	3,259.324	221.695	1,489.345	4,970.364
2008-2009	4,028.790	368.792	2,081.604	6,479.186

Outlay and expenditure (Plan schemes) under 100% State schemes, 100% CSS and 50% CSS from 2004-2005 to 2008-2009

Table 4.9

(` in Lakhs)

Year	100% State Scheme		100% CSS		50% CSS		Total	
	Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure
2004-2005	3825.000	3232.372	665.000	212.303	450.000	335.417	4940.000	3780.092
2005-2006	3834.000	3270.432	491.000	286.837	459.000	418.973	4784.000	3976.242
2006-2007	5180.190	3851.319	715.460	344.105	535.000	420.303	6430.650	4615.727
2007-2008	4917.870	3617.857	594.770	351.515	719.850	663.788	6232.490	4633.160
2008-2009	5417.340	4725.335	379.120	449.122	850.955	846.258	6647.415	6020.715

Development under 11th Five Year Plan

The year 2008-2009 was the 2nd year of the 11th Five Year Plan. The target and achievement for 2007-08 and 2008-09 are given in table 4.10

Table 4.10

Year	Target	Achievement
2007-08	6682.49	4970.364
2008-09	7296.54	6479.183

An investment of ` 72.97 crores was made under various development programmes implemented under forestry sector during 2008-09. The target and achievements under various departmental works according to various activities for 2007-08 and 2008-09 are given in table 4.11 below.

**Eleventh Plan schemes – Target & Achievement (Financial)
(2007-08 & 2008-2009)**

Table 4.11

Year	(` in lakhs)			
	2007-08		2008-09	
	Target	Achievement	Target	Achievement
Schemes				
Management of Natural Forests				
(a) Survey of Forest Boundaries	243.00	197.935	180.000	156.101
(b) Forest Protection	975.00	956.068	1070.000	1028.848
(c) Regeneration of Denuded Forests	175.00	170.482	200.000	182.577
Improving Productivity of plantations	420.00	410.669	435.000	427.346
Infrastructure				
(a) Roads	30.00	25.828	100.000	97.362
(b) Buildings	200.00	155.355	160.000	138.336
Bio-diversity Conservation and Protected Area Management	704.85	532.778	971.955	833.565
Eco-tourism	15.00	14.131	25.000	21.734
Human Resources Management	80.00	72.928	80.000	81.610
Resources Planning and Research	20.00	19.324	40.000	29.979
Extension Forestry	255.00	255.286	354.000	345.755
Forest Management IS & GIS			100.000	92.242
Management of Non-wood Forest Products	100.00	87.73	160.000	143.768
Kerala Forestry Project	0.01	22.586		
Works with assistance from Rural infrastructure development fund	1000.00	123.387	500.000	211.921
12th Finance Commission Award	550.00	461.031	825.010	773.266
IFP	150.00	112.339	216.375	160.925
Theeravana Samrakshana Padhathi	0.01			
Total Plan (A)	4917.87	3,617.857	5,417.340	4,725.335

Year	(` in lakhs)			
	2007-08		2008-09	
	Target	Achievement	Target	Achievement
Schemes				
Break-up of CSS				
100% CSS	594.77	351.515	379.120	449.122
75% CSS (IFPS)	450.00	337.208	649.125	482.774
50% CSS (Sanctuaries & National Parks)	719.85	663.788	850.955	821.950
Total CSS (B)	1764.62	1,352.51	1,879.20	1,753.85
TOTAL PLAN	6682.49	4,970.37	7,296.54	6,479.18

Physical target and achievement during 2008-09 is shown in table 4.12

Table 4.12

Sl.No.	Scheme	Unit	Target	Achievement
1	2	3	4	5
1	Construction of cairns	Nos	5975	5720
2	Maintenance of Cairns	Nos	2725	494
3	Construction of dwarf wall	Kms	3.00	3.01
4	Fire Line	Kms	7390.00	7386.95
5	Fire watchers	Mandays	295200	164553
6	Planting (Regeneration of Denuded Forest)	Ha	431.00	431.28
7	Maintenance of Plantation (RDF)	Ha	1288.29	981.59
8	Planting Hardwood Species	Ha	189.00	151.54
9	Maintenance of plantations (Hardwood Speceis)	Ha	850.00	834.95
10	Raising pulpwood plantation	Ha	54.00	54.01
11	Raising Plantation (Industrial Raw Materials)	Ha	718.60	879.9
12	Maintenance of Plantation (IRM)	Ha	1050.00	1051.04
13	Planting medicinal plants species	Ha	128.00	128.11

Sl.No.	Scheme	Unit	Target	Achievement
1	2	3	4	5
14	Maintenance of medicinal plants	Ha	263.90	643.4
15	Raising plantations (Non Wood Forest Produce)	Ha	350.00	333.34
16	Maintenance of plantations (NWFP)	Ha	860.66	429.94

Plan Progress Report (Financial) during the year 2008-09 (` in lakhs)

Table 4.13

Sl. No.	Scheme/Head of Account	Financial		
		Outlay 2008-09	Cumulative Total	% of achievem- ent
1	2	3	4	5
A. STATE SECTOR SCHEMES				
I	Management of Natural Forests			
1	Forest Protection (2406-01-800-95)	770.000	746.027	96.887
2	Regeneration of Denuded Forest (2406-01-101-94)	200.000	182.577	91.289
3	Survey of Forest Boundaries (2406-01-800-99)	100.000	83.510	83.510
	Sub Total	1070.000	1012.114	94.590
II	Improving Productivity of Plantations			
1	Hard Wood Species (4406-01-105-87)	35.000	31.156	89.017
2	Industrial Raw Materials (4406-01-105-85)	400.000	396.191	99.048
	Sub Total	435.000	427.347	98.241
III	Infrastructure			
1	Roads (4406-01-070-99)	100.000	97.362	97.362
2	Building (4406-01-070-97)	160.000	138.336	86.460
3	Works with assistance from RIDF (4406-01-800-90)	500.000	211.921	42.384
4	Survey of Forest Boundaries (4406-01-800-89)	80.000	72.591	90.739
5	Forest Protection (4406-01-800-88)	300.000	282.821	94.274
6	Mtce of Forest under XII Fin Comm Recommendations (2406-01-101-85)	825.010	773.266	93.728
	Sub Total	1965.010	1576.297	80.218

Sl. No.	Scheme/Head of Account	Financial		
		Outlay 2008-09	Cumulative Total	% of achievem- ent
1	2	3	4	5
IV	Bio-diversity and PA Management			
1	Parambikulam Game Sanctuary (2406-02-110-98)	96.740	95.325	98.537
2	Neyyar Game Sanctuary (2406-02-110-97)	44.875	43.865	97.749
3	Wayanad Game Sanctuary (2406-02-110-96)	60.000	58.095	96.825
4	Development of National Park at Eravikulam (2406-02-110-94)	50.000	41.696	83.392
5	Periyar Tiger Reserve (2406-02-110-93)	188.750	147.724	78.264
6	Development of National Park Biosphere Research at Silent Valley (2406-02-110-91)	85.000	65.241	76.754
7	Wildlife Sanctuary - Idukki (2406-02-110-90)	40.000	31.737	79.343
8	Wildlife Sanctuary - Peechi, Vazhani (2406-02-110-89)	35.000	30.763	87.894
9	Wildlife Sanctuary - Peppara (2406-02-110-88)	20.000	19.606	98.030
10	Wildlife Sanctuary - Shendurney (2406-02-110-87)	25.000	24.487	97.948
11	Wildlife Sanctuary - Chimmoney (2406-02-110-86)	20.000	22.461	112.305
12	Wildlife Sanctuary - Aralam (2406-02-110-85)	35.000	29.077	83.077
13	Wildlife Sanctuary - Chinnar (2406-02-110-84)	26.340	21.773	82.661
14	Bird Sanctuary at Thattekkad (2406-02-110-83)	25.000	22.519	90.076
15	Development of Anamudi National Park(2406-02-110-64)	20.000	14.526	72.630
16	Development of Mathikettan National Park (2406-02-110-63)	20.000	15.822	79.110
17	Development of Pampadum National Park (2406-02-110-62)	20.000	11.960	59.800
18	Mangalavanam Bird Sanctury (2406-02-110-61)	10.000	6.393	63.930
19	Kurinjimala Sanctury (2406-02-110-58)	14.250	14.401	101.060
20	Chulannur Peacock Sanctuary (2406-02-110-54)	15.000	11.662	77.747
	Sub Total	850.955	729.133	85.684
V	Eco-Tourism (4406-01-800-91)	25.000	21.734	86.936
VI	Human Resource Development			
	Training (2406-01-003-99)	80.000	81.610	102.013

Sl. No.	Scheme/Head of Account	Financial		
		Outlay 2008-09	Cumulative Total	% of achievem- ent
1	2	3	4	5
VII	Resource Planning & Research			
1	Forest Research (2406-01-004-99)	25.000	17.946	71.784
2	Forest Resources Survey Cell (2406-01-005-99)	15.000	12.033	80.220
	Sub Total	40.000	29.979	74.948
VIII	Forest Publicity (2406-01-800-98)	354.000	345.755	97.671
XI	Non-wood Forest Produce (2406-01-800-65)	150.000	135.309	90.206
XII	Promotion of Medicinal Plants(2406-01-800-63)	10.000	8.459	84.590
XIII	Conservation of Biodiversity (2406-02-110-68)	96.000	78.866	82.152
XIV	Eco- Development Programme (2406-02-110-56)	25.000	24.294	97.176
XV	Forest Management IS&GIS(2406-01-800-57)	100.000	92.242	92.242
XVI	Integrated Forest Protection Scheme (2406-01-800-61)(25%STATE)	216.375	160.925	74.373
	STATE SECTOR SCHEMES TOTAL (A)	5417.340	4724.064	1241.039
B.	CENTRALLY SPONSORED SCHEMES HAVING 75% CENTRAL SHARE			
	Integrated Forest Protection Scheme (2406-01-800-61)(75%CSS)	649.125	482.774	74.373
C	CENTRALLY SPONSORED SCHEMES HAVING 100% CENTRAL SHARE			
1	Nilgiri Biosphere Reserve (2406-02-110-80)	160.000	31.414	19.634
2	Project Elephant (2406-02-110-71)	150.000	364.953	243.302
3	Agasthyamala Biosphere Reserve (2406-02-110-66)	30.000	29.718	99.060
4	Sanjeenani Vanam (NMPB Assisted Scheme) (2406-01-800-62)	15.000		0.000
5	Wetland conservation (2406-01-800-60)	23.120	23.037	99.641
6	Conservation of Fragile Eco- System (2406-01-800-58)	1.000		0.000
	100% CSS TOTAL (C)	379.120	449.122	118.464

Sl. No.	Scheme/Head of Account	Financial		
		Outlay 2008-09	Cumulative Total	% of achievem- ent
1	2	3	4	5
D	CENTRALLY SPONSORED SCHEMES HAVING 50% CENTRAL SHARE			
1	Parambikulam Game Sanctuary (2406-02-110-98)	96.740	105.170	108.714
2	Neyyar Game Sanctuary (2406-02-110-97)	44.875	46.301	103.178
3	Wayanad Game Sanctuary (2406-02-110-96)	60.000	57.620	96.033
4	Development of National Park at Eravikulam (2406-02-110-94)	50.000	40.905	81.810
5	Periyar Tiger Reserve (2406-02-110-93)	188.750	199.055	105.460
6	Development of National Park Biosphere Research at Silent Valley (2406-02-110-91)	85.000	62.270	73.259
7	Wildlife Sanctuary - Idukki (2406-02-110-90)	40.000	31.619	79.048
8	Wildlife Sanctuary - Peechi, Vazhani (2406-02-110-89)	35.000	30.230	86.371
9	Wildlife Sanctuary - Peppara (2406-02-110-88)	20.000	19.969	99.845
10	Wildlife Sanctuary - Shendurney (2406-02-110-87)	25.000	24.760	99.040
11	Wildlife Sanctuary - Chimmoney (2406-02-110-86)	20.000	20.210	101.050
12	Wildlife Sanctuary - Aralam (2406-02-110-85)	35.000	39.640	113.257
13	Wildlife Sanctuary - Chinnar (2406-02-110-84)	26.340	31.392	119.180
14	Bird Sanctuary at Thattekkad (2406-02-110-83)	25.000	27.922	111.688
15	Development of Anamudi National Park(2406-02-110-64)	20.000	15.754	78.770
16	Development of Mathikettan National Park (2406-02-110-63)	20.000	15.978	79.890
17	Development of Pampadum National Park (2406-02-110-62)	20.000	12.390	61.950
18	Mangalavanam Bird Sanctury (2406-02-110-61)	10.000	9.880	98.800
19	Kurinjimala Sanctury (2406-02-110-58)	14.250	14.251	100.007
20	Chulannur Peacock Santuary (2406-02-110-54)	15.000	17.910	119.400
	50% CSS TOTAL (D)	850.955	823.226	96.741
	GRAND TOTAL (A + B + C + D)	7296.540	6479.186	88.798

Outlay and expenditure – Non-Plan 2007-08 & 2008-2009

Table 4.14

Sl.No.	Scheme	2007-2008 (` in Lakhs)		2008-2009 (` in Lakhs)	
		Outlay	Expenditure	Outlay	Expenditure
1	2	3	4	5	6
I	DIRECTION & ADMINISTRATION (2406-01-001)				
1	Office of the Chief Conservator (2406-01-001-99)	470.370	573.621	479.440	699.233
2	Office of the Circle Conservator (2406-01-001-98)	253.110	208.053	267.290	349.217
3	Working Plan & Research Circle (2406-01-001-97)	46.830	36.206	47.410	44.185
4	Vigilance & Evaluation Wing (2406-01-001-96)	497.870	484.457	509.900	517.384
5	District Offices (2406-01-001-95)	3677.580	3361.963	4129.730	4724.389
6	Statistical Cell (2406-01-001-94)	9.860	8.216	10.230	10.055
7	Timber Sales Division (2406-01-001-93)	210.330	216.658	215.920	234.805
8	FD Fund Collection of add. tax on sales of Forest Produce (2406-01-001-92)	0.100	0.737	0.100	9.597
	TOTAL	5166.050	4889.911	5660.020	6588.865
II	STATISTICS (2406-01-013)				
1	Planning & Statistical Cell (2406-01-013-99)	73.530	45.789	76.560	53.340
	TOTAL	73.530	45.789	76.560	53.340
III	COMMUNICATION & BUILDINGS (2406-01-070)				
1	Roads & Bridges (2406-01-070-99)	25.650	23.264	25.000	19.131
2	Buildings (2406-01-070-98)	74.350	58.604	70.750	61.907
	TOTAL	100.000	81.868	95.750	81.038

Sl.No.	Scheme	2007-2008 (` in Lakhs)		2008-2009 (` in Lakhs)	
		Outlay	Expenditure	Outlay	Expenditure
1	2	3	4	5	6
IV	FOREST CONSERVATION DEVELOPMENT & REGENERATION (2406-01-101)				
1	Forest consolidation & Acquisition of private forest (2406-01-101-99)	1402.800	1027.077	1447.010	1190.959
2	Working Plans, Evaluation Survey etc. (2406-01-101-98)	2.000	2.027	2.000	1.497
3	Silvicultural Research (2406-01-101-97)	7.000	6.928	7.000	4.244
4	Fire Protection Works(2406-01-101-96)	11.240	11.129	11.710	17.551
5	Compensatory Afforestation (2406-01-101-92)	1000.000	794.009	490.000	429.199
6	Amount met out of KFDF for planting softwood trees (2406-01-101-91)	100.000	92.021	125.000	10.410
7	Amount met out of KFDF for Teak and Pulpwood – Teak (2406-01-101-90)	646.600	155.000	634.750	
8	Amount met out of KFDF for Teak and Pulpwood - Pulpwood (2406-01-101-89)	44.250	25.000	133.060	
9	Amount met out of KFDF for Teak and Pulpwood – Teak (2406-01-101-88)	646.600	155.000	634.750	677.352
10	Amount met out of KFDF for Teak and Pulpwood - Pulpwood (2406-01-101-87)	44.250	25.000	133.060	132.476
	TOTAL	3904.740	2293.191	3618.340	2463.688
V	SOCIAL & FARM FORESTRY (2406-01-102)				
1	Plantation of fast growing species (2406-01-102-99)	116.780	97.135	120.390	115.797
2	Ecology Development World Bank Assisted Social Forestry (2406-01-102-98)	411.330	708.009	0.010	708.009
3	Ecology Development World Bank Assisted Social Forestry, Phase-II (2406-01-102-92)			0.010	
	TOTAL	528.110	805.144	120.410	823.806

Sl.No.	Scheme	2007-2008 (` in Lakhs)		2008-2009 (` in Lakhs)	
		Outlay	Expenditure	Outlay	Expenditure
1	2	3	4	5	6
VI	FOREST PRODUCES (2406-01-105)				
1	Timber & other produces removed by Govt. agencies (2406-01-105-99)	1800.000	1395.083	1649.000	1589.769
2	Firewood & Charcoal removed by Govt. agencies (2406-01-105-98)	55.000	7.298	25.000	14.509
3	Other produce removed by Govt. agencies (2406-01-105-97)	0.500		0.500	0.162
4	Timber & other produces removed by consumers (2406-01-105-96)	0.150	0.100	0.150	
5	Confiscated Forest Produce drift wait wood etc.(2406-01-105-95)	4.000	1.842	4.000	2.544
6	Livestock (2406-01-105-94)	100.000	94.678	160.000	157.821
7	Miscellaneous Advance Suspense (2406-01-105-93)	30.000	29.532	30.000	17.662
8	Teakwood (2406-01-105-92)	216.960	208.149	224.390	172.874
9	Softwood (2406-01-105-91)	23.370	18.925	24.230	22.692
	TOTAL	2229.980	1755.607	2117.270	1978.033
VII	EDUCATION & TRAINING (2406-01-003)				
1	Training (2406-01-003-99)	112.970	117.937	117.940	134.423
	TOTAL	112.970	117.937	117.940	134.423
VIII	FOREST RESEARCH (2406-01-004)				
1	Payment out of the KFDF for Forest Research (2406-01-004-95)	65.000	56.224	65.000	22.973
2	Forest Research & Training (2406-01-004-99)	16.900	28.176	17.630	29.269
	TOTAL	81.900	84.400	82.630	52.242
IX	FOREST RESOURCES SURVEY				
	FOREST RESOURCES SURVEY (2406-01-005-99)	13.210	15.606	13.760	14.889
	TOTAL	13.210	15.606	13.760	14.889

Sl.No.	Scheme	2007-2008 (` in Lakhs)		2008-2009 (` in Lakhs)	
		Outlay	Expenditure	Outlay	Expenditure
1	2	3	4	5	6
X	OTHER EXPENDITURE (2406-01-800)				
1	Survey of Forest Boundaries (2406-01-800-99)	60.250	47.902	63.870	81.630
2	Forest Publicity(2406-01-800-98)	51.110	19.358	53.220	32.682
3	Forest Protection (2406-01-800-95)	1087.140	812.030	1122.010	969.283
4	Intensification of Forest Management (2406-01-800-93)	131.670	43.285	136.580	48.850
5	Relief to Victims affected by the attach of Wild Animal (2406-01-800-92)	70.000	56.801	70.000	51.900
6	Rewards to informants (2406-01-800-91)	0.250	0.000	0.250	0.010
7	Subsidy to KFDC (2406-01-800-72)	0.010	0.000	0.010	0.000
	TOTAL	1400.430	979.376	1445.940	1184.355
XI	WILDLIFE PRESERVATION (2406-02-110)				
1	Wildlife Preservation (2406-02-110-99)	336.760	322.819	375.670	393.611
2	Periyar Tiger Reserve Project (2406-02-110-93)	69.290	82.299	71.600	42.154
3	Conservation of Biodiversity (2406-02-110-68)	115.220	139.659	120.450	262.332
4	Eco-Development Global Environmental Facilities (2406-02-110-69)	27.500		0.010	
	TOTAL	548.770	544.777	567.730	698.097
	GRAND TOTAL	14159.690	11613.606	13916.350	14072.776

**Abstract of Revenue and Expenditure during the years
2004-2005 to 2008-2009**

Table 4.15

(` in lakhs)

Year	Revenue	Plan			Non-plan			Total		
		Budget Estimate	Revised Budget Estimate	Expenditure	Budget Estimate	Revised Budget Estimate	Expenditure	Budget Estimate	Revised Budget Estimate	Expenditure
2004-05	19,968.63	5,715.00	4,708.48	4,446.52	11,184.57	10,314.10	10,129.94	16,899.57	15,022.58	14,576.46
2005-06	18962.818	5709.00	4221.65	4103.06	14310.83	12108.17	10290.55	20,019.83	16,329.82	14,393.61
2006-07	17455.796	6615.00	6550.66	5069.73	15378.95	15417.36	12824.41	21993.95	21968.02	17,894.14
2007-08	15445.215	6178.00	6682.49	4970.37	14125.17	14159.69	12317.09	20303.17	20842.18	17,287.45
2008-09	22370.513	6531.00	7296.54	6479.19	13916.35	13916.35	14072.78	20447.35	21212.89	20,551.96

Average price for major forest produce obtained during 2008-2009

Table 4.16

Sl.No.	Species	Average price (Rs/Cu M)
1	2	3
I	INDUSTRIAL WOOD	
1	Teak	43775.00
2	Rosewood	106520.00
3	Mahagony	19850.00
4	Anjily	17535.00
5	Kambakom	16390.00
6	Thembavu	16440.00
7	Vengai	17940.00
8	Venteak	11160.00
9	Jack/Plavu	16900.00
10	Myla	10850.00

Sl.No.	Species	Average price (Rs/Cu M)
1	2	3
11	Manimaruthu	11800.00
12	Maruthu	11410.00
13	Irul	15295.00
14	Mulluvangai	9205.00
15	Karakil	7920.00
16	Unnam/Chadachi	11480.00
17	Thanni	8760.00
18	Karimthakara	11140.00
19	Pathiri	8660.00
20	Theettaplavu	7900.00
21	Poovam	4660.00
22	Paikkadukka	8270.00
23	Kalamanikkam	6570.00
24	Kunnivaka	16450.00
II	PLYWOOD SPECIES	
1	Vellapine	9530.00
2	Pali/Palvendingjam	7280.00
3	Kulamavu/Ooravu	7540.00
4	Mavu	5420.00
5	Redcidar/Chandanavembu	9680.00
6	Poon/Punna/Punnappa	8010.00
7	Cheru	2190.00
8	Cheeni	4160.00
9	Nedunar	4380.00
10	Kumbil	7835.00
11	Vallabham	4820.00
12	Njaval	5770.00
13	Chorapine	2960.00
14	Karanjily/Kalpine	13820.00

Sl.No.	Species	Average price (Rs/Cu M)
1	2	3
III	MATCHWOOD SPECIES	
1	Elavu/Poola	3500.00
2	Pala/Mukkampala	2640.00
3	Vaka	4750.00
4	Nasakom/Kanala	6000.00
IV	BOBBINWOOD SPECIES	
1	Akil/Vellakil	36580.00
2	Manjakadambu	18150.00
V	PENCIL WOOD SPECIES	
1	Venkotta	10710.00
2	Poochakadambu	11170.00
VI	PACKING CASE WOOD SPECIES	
1	Kara/Rudraksham	6330.00
2	Ambazham	2180.00
3	Malaveppu	5760.00
4	Vatta	3800.00
5	Uthi	4210.00
6	Arayanjili	2850.00
VII	PULPWOOD SPECIES	
1	Eucalyptus (MT)	3000.00
2	Bamboo (MT)	1500.00
3	Reeds (MT)	2000.00
VIII	MISCELENIIOUS SPECIES	
1	Firewood (MT)	3700.00
2	Teak pols (MT)	14300.00

Source: SC/ST Federation

Consolidation of forest boundaries
(Construction of cairns and stonewall)
from 2004-2005 to 2008-2009

Table 4.17

Year	Cairns		Stone Wall/Kayyala		Total Expenditure (` in Lakhs)
	Numbers	Expenditure (` in Lakhs)	Length	Expenditure	
All Schemes					
2004-2005	9,457	189.140			189.140
2005-2006	7,811	156.220			156.220
2006-2007	5,420	59.620	12.500	3.823	63.443
2007-2008	5,367	98.431	37.300	11.940	110.371
2008-2009	5,720	104.905	4.738	1.611	106.516
Total	33,775	608.316	54.538	17.374	625.690

Chapter V

LEGAL MATTERS

❖ Number of forest offences

Circle wise cases pending with court as on 31.03.2009 are given in table 5.1 below.

Table 5.1

Sl. No.	Name of Circle	No. of Cases
1	Southern Circle, Kollam	878
2	High Range Circle, Kottayam	2139
3	Central Circle, Thrissur	626
4	Eastern Circle, Palakkad	1700
5	Northern Circle, Kannur	662
6	ABP, Thiruvananthapuram	48
7	FDPT, Kottayam	321
8	WL, Palakkad	134
	Total	6508

The details of forest offences booked under Kerala Forest Act 1961 are given in table 5.2 below

Table 5.2

Sl.No.	Item	2007-2008	2008-2009
1	Clearing of Forest land	51	80
2	Illicit collection of Forest Produces	581	734
3	Section 61 A Offences	99	118
4	Miscellaneous	152	171
	Total	883	1103

Details of disposal of forest offences are given in table 5.3 below.

Table 5.3

Sl. No.	Item	2007-2008	2008-2009
1	Cases pending	22271	20148
2	Number of cases booked	1568	1747
3	Total cases	23839	21895
4	Number of cases disposed during the year of report	1349	1336
5	Balance	22490	20559

Details of offences under Wildlife Protection Act 1972 are given table 5.4 below.

Table 5.4

Sl. No.	Details of cases	2008	2009
1	Number of cases booked	149	299
2	Number of cases charged	11	21
3	Number of cases disposed	1	26

Chapter VI

MISCELLANEOUS MATTERS

- ❖ *Status of Working Plan*
- ❖ *Wildlife Sancturries & National Parks*
- ❖ *Forest Fire*
- ❖ *Extension activities*
- ❖ *Rainfall data*
- ❖ *Seedlings Raised*
- ❖ *EFL area*
- ❖ *Diversion of forest land*
- ❖ *Tribal Settlement*
- ❖ *Relief to Victims of Wild animals*
- ❖ *Wildlife Census*
- ❖ *Eco Tourism locations*
- ❖ *Participatory Forest Management*
- ❖ *Encroachment*

Working Plan Status**Table 6.1**

Sl. No.	Division	Status as on 03/2009
1	Munnar	Under Preparation
2	Marayoor	Under Preparation
3	Wayanad (S)	Valid till 03/2011
4	Kozhikode	Valid till 03/2009
5	Mannarkad	Valid till 03/2011
6	Thrissur	Valid till 03/2010
7	Punalur	Valid till 03/2010
8	Konni	Valid till 03/2011
9	Kothamangalam	Valid till 03/2011
10	Mankulam	Valid till 03/2011
11	Kannur	Valid till 03/2011
12	Nilambur (S)	Valid till 03/2011
13	Nilambur (N)	Valid till 03/2011
14	Wayanad (N)	Valid till 03/2011
15	Nenmara	Valid till 03/2011
16	Maalayattoor	Valid till 03/2012
17	Ranni	Valid till 03/2010
18	Vazhachal	Valid till 03/2012
19	Thiruvananthapuram	Valid till 03/2014
20	Chalakkudy	Valid till 03/2015
21	Kottayam	Valid till 03/2018
22	Achenkovil	Valid till 03/2018
23	Thenmala	Under Preparation
24	Palakkad	Under Preparation

Wildlife Sanctuaries & National Parks

During the year 2008-09 Kerala has 2698.709 sq.km of forests under protected areas (National Parks and Wildlife Sanctuaries) and forms 23.86 % of the total forest area. The list of Wildlife Sanctuaries, National Parks, Community Reserve & Biosphere Reserve are given in table 6.2 below.

Table 6.2

Sl.No.	Name	Area (Sq.Km.)	Year of Formation
National Parks			
1	Eravikulam National Park	97.000	1978
2	Silent Valley National Park	237.520	1984
3	Anamudi Shola National Park	7.500	2003
4	Mathikettan National Park	12.817	2003
5	Pambadum Shola National Park	1.318	2003
Wildlife Sanctuaries			
1	Periyar WLS (Tiger Reserve)	925.000	1950
2	Neyyar WLS	128.000	1958
3	Peechi - Vazhani Wildlife Sanctuary	125.000	1958
4	Parambikulam W L S (Tiger Reserve)	235.000	1973
5	Wayanad WLS	344.440	1973
6	Idukki WLS	70.000	1976
7	Peppara WLS	53.000	1983
8	Thattekkad Bird Sanctuary	25.160	1983
9	Shenduruniey WLS	171.000	1984
10	Chinnar WLS	90.440	1984
11	Chimmony WLS	85.067	1984
12	Aralam WLS	55.000	1984
13	Mangalavanam Bird Sanctury	0.027	2004
14	Kurinjimala Sanctuary	32.000	2006
15	Choolannur Pea Fowl Sanctuary	3.420	2007
	Total	2698.709	
Community Reserve			
1	Kadalundi Vallikunnu Community Reserve	1.500	2007
Biosphere Resrve			
1	Agasthyamala Biosphere Reserve	1828.00	2001
2	Nilgiri Biosphere Reserve	1,455.40	1986

Forest Fire Statistics

During the year 2008-09 a total of 871 no of incidents relating to forest fire have been reported amounting for a total destruction of 5473.858 ha. of forest area causing financial loss of ` 183580/-. The forest fire incidents reported, area affected and financial loss from 2004-05 to 2008-09 are given in table 6.3 below.

Table 6.3

Year	Number of Incidents	Area Destroyed by Fire (ha.)	Financial Loss (Rs)
2004-2005	370	2,442.449	181,082.000
2005-2006	395	2,472.517	116,450.000
2006-2007	248	3,101.092	188,950.000
2007-2008	344	2,381.544	555,371.000
2008-2009	871	5,473.858	183,580.000

Details of plantations affected by fire during the year 2008-2009 is shown in table 6.4 below.

(Area in ha.)

Table 6.4

Sl. No.	Divisions	Teak	Cashew	Eucalyptus	Mixed	Misc	Bamboo	Accacia	Mangium	Others	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12
1	Thiruvananthapuram	34.40		3.20							37.60
2	Thenamala	113.20		12.90	5.00			5.60		2.00	138.70
3	Ranni										-
4	Punalur	27.52						2.00	19.25	3.00	51.77
5	Achencoil	74.00								35.00	109.00
6	Konni	155.10				1.50	9.00				165.60
7	Kothamangalam	51.10									51.10
8	Munnar	1.00		9.00						2.00	12.00

Sl. No.	Divisions	Teak	Cashew	Eucalyptus	Mixed	Misc	Bamboo	Accacia	Mangium	Others	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12
9	Mankulam										
10	Marayoor										-
11	Kottayam	68.70			68.50			4.00			141.20
12	Chalakydy	41.00			33.00				1.00		75.00
13	Malayattoor	55.60									55.60
14	Vazhachal				31.00						31.00
15	Thrissur	40.50	12.50		4.00	8.00	6.50	12.00		10.00	93.50
16	Mannarkad	2.03	2.54								4.57
17	Nilambur North	43.10			1.00	2.40	1.00			4.50	52.00
18	Nilambur South	69.00								3.00	72.00
19	Palakkad	4.00								1.20	5.20
20	Nemmara	15.00				2.00		2.50		2.00	21.50
21	Kozhikode										-
22	Wayanad South	126.00								0.41	126.41
23	Wayanadu North	17.50		2.00	1.00					3.74	24.24
24	Kannur										-
	WILDLIFE										
25	Idukky										-
26	Periyar West										-
27	Periyar East										-
28	Peechi										-
29	Wayanad	17.00		27.00						2.00	46.00
30	Aralam										-
	Total	955.75	15.04	54.10	144	13.90	16.50	26.10	20.25	68.85	1313.99

Extension Activities

Details of extension activities conducted by the forest department from 2004-2005 to 2008-2009 is shown in table 6.5 below

Table 6.5

Year	Forestry Clubs	Vanadarsan	Discussion Classes	Film Shows	Work Shops	Study Classes	Interaction with higher officers	Farmers field contact	No. of Voluntary organisations participated in the distribution of seedlings	Campaign / Seminar	Documentaries	Exhibitions	Display Advertisements	Printed Materials	Other Publishing Works	Press Release & Rejointers	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2004-2005	32	-	140	15	4			5		3		6					
2005-2006	18		40	12	5					1		13					
2006-2007	15		2	15	1	5				1		22	180	3	8	145	
2007-2008	4		3	24	9	6	1			9	1	24	208	4	7	150	
2008-2009	4	1	2	27	4	37					5	23	293	8		164	

Source: Forest Informaton Bureau

Rainfall Data

Details of rain fall recorded in the rain gauge during 2008-2009 (in mm) are given in table 6.6 below

Table 6.6

Sl.No.	Division / Centre	April	May	June	July	August	September	October	November	December	January	February	March
1	Thenmala	126.87	63.85	120.06	349.40	136.63	193.40	217.15	130.30	5.75	0.45	11.00	75.06
2	Achencoil	6.00	13.50	18.00	15.50	14.00	17.50	12.50	7.50		1.50	5.00	5.50
3	Konni	156.00	66.00	262.00	620.00	376.40	353.60	341.40	124.90	40.20	7.20	24.00	190.60
4	Thrissur	19.00	34.16	446.62	382.72	244.77	288.09	320.89	4.25				40.91
5	Munnar	87.50	55.00	388.50	522.50	564.25	887.75	133.75	67.50			6.80	76.00
6	Vazhachal	2.92	8.95	59.20	79.78	36.13	33.53	34.05	7.75	1.75			8.48
7	Chalakkudy	13.60	2.51	58.70	48.24	38.64	52.48	21.73	8.15	2.00			1.85
8	Mankulam	19.22	56.19	121.74	150.48	3.51	63.38	64.51	6.48	3.67	0.64		7.41
9	Malayattoor	169.82	160.34	332.72	520.64	380.29	363.18	250.65	109.06	49.25	10.50	22.50	74.51

Sl.No.	Division / Centre	April	May	June	July	August	September	October	November	December	January	February	March
10	Palakkad		2.31	27.96	21.89	18.92	15.02	20.10	3.27	2.16			0.70
11	Mannarkkad	20.90	48.30	540.00	352.00	395.00	367.00	463.00	7.30				98.60
12	Nilambur North	59.40	74.00	526.80	395.50	315.60	281.10	334.90	27.30				53.00
13	Wildlife Division, Thiruvananthapuram	78.00	160.00	358.00	701.00	459.00	527.00	775.00	631.00	430.00			51.00
14	Iravikulam NP	7.00	44.00	19.30	58.00	47.00	85.30	201.60	109.30	73.40	11.30		22.00
15	Periyar EastThekkady	67.58	40.32	234.96	336.83	300.78	206.08	375.47	77.66	33.02	13.14	3.00	106.97
16	Periyar West Peerumadu	229.00	227.30	1,038.70	1,309.20	1,124.60	880.00	774.60	249.00	21.00	32.50	20.00	212.20
17	Wildlife Wayanad	41.70	81.50	175.41	185.73	205.87	76.87	240.59	1.15	0.75			79.34
18	Parambikulam	15.00	40.00	502.00	340.00	72.60	70.00	46.00	28.00	24.00	18.00		

Seedlings Raised

Species wise details of seedlings raised during 2008-2009 are given in table 6.7 below.

Table 6.7

Sl. No	Species	Divisions				Total nos. raised (in lakhs)
		Chalakydy	Thenmala	Kannur	Munnar	
1	Teak	4.500	4.400	1.100		10.000
2	Acacia auriculiformis		3.700			3.700
3	Acacia manjiam	2.650	12.660	0.800		16.110
4	Mangrove species			1.360		1.360
5	Eucalyptus clones		0.600			0.600
6	Eucalyptus species				1.900	1.900
7	Miscellaneous	2.450	1.200	2.110		5.760

EFL Area

The division wise Ecologically Fragile Land (EFL) area as on 31.03.2009 is given in table 6.8 below

TABLE 6.8

Sl. No.	District	No. of Bits	Area (ha.) (Approx)
1	Thiruvananthapuram	46	759.9784
2	Kollam	12	140.6724
3	Idukki	177	1255.5515
4	Thrissur	12	65.8130
5	Malappuram	37	1224.8247
6	Palakkad	431	4983.1892
7	Kozhikkode	98	1513.7270
8	Wayanad	106	2468.8066
9	Kannur	58	763.1527
10	Kasaragode	7	81.1200
	Total	984	13256.8355

Diversion of Forest Land

A total area of 410.34 sq km has been allotted to different agencies for different non forestry purposes as per FCA 1980. The details are summarised below in table 6.9.

Table 6.9

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
1	VSSC, Valiyamala	8-10/81 FRY(cord)	20.08.1981	V S S C	80.8000
2	Kallada Irrigation		09.01.1981	Irrigation Department	2.3770
3	Mineral water	08-149/82FRY (cons)	24.03.1982	K S I D C	32.0000
4	Fire range, Kerala Police	8-10/FRY (cord)	06.04.1982	Kerala Police	24.2810
5	110 K.V line, Edamalayar-Chalakudy	08/08/1982FRY (cons)	22.07.1982	KSEB	62.0000
6	110 K.V line, Kozhikode	08-159/82FRY (cons)	08.06.1982	KSEB	0.3400
7	220 K.V line Sabarigiri - Thiruvananthapuram	08-65/82FRY (cons)	09.01.1982	KSEB	180.1100
8	110 K.V line Pathanamthitta-Kakkad	9/293/82FRY (cons)	27.09.1982	KSEB	7.2380
9	110 K.V line, Malabar Cements- Palakkad	8/322/82FRY (cons)	18.11.1982	KSEB	2.6400
10	Oil Palm, India	7-25/80FRY (cons)	23.20.1983	Oil Palm India Ltd	468.0000
11	Telephone Exchange, Pamba	8-39/83FRY (cons)	08.03.1983	Telecom	0.2000
12	P&T Wireless Station, Saramkuthi	8-55/83FRY (cons)	03.05.1983	Telecom	0.0630
13	66 K.V tap line to Malabar Cements	8-122/83FRY (cons)	31.05.1983	K S E B	9.9000
14	110 K.V line to Vandoor seed garden	8-124/83 FRY (cons)	23.12.1983	K S E B	1.1200
15	66 K.V line Kainatti-Sultan Battery, Kozhikode	8-294/83FRY (cons)	23.12.1983	K S E B	1.1200
16	Kanjirakolli tribal settlement, Kannur	8-428/83FRY (cons)	24.01.1984	Kerala Water Authority	0.0300

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
17	66 K.V line Valara-Karimanal	8-334/83FRY (cons)	03.02.1984	K S E B	3.6000
18	Naval Physical Research lab, Kochi	8-43/83FRY (cons)	09.02.1984	Govt of India	7.0800
19	Peringalkuthu Hydro Electric Project scheme	8-171/83 FRY (cons)	03/04/1984	K S E B	1.1500
20	Approach road to Miladi bridge	8-26/84 FRY (cons)	03/04/1984	P W D	1.1000
21	Lower Periyar Hydral Project	8-360/82FRY (cons)	03/04/1984	K S E B	127.0000
22	Ambayathodu- Palchuram road	8-20/84 FRY (cons)	10/04/1984	Kottiyoor Pancayat	0.8330
23	11 K.V line Villumala-Kodumankode in settlement area	8-114/83 FRY (cons)	19/05/1984	K S E B	4.0000
24	Fatima Mata Convent	8-180/84FRY (cons)	15/06/1984	RD	2.6530
25	66 K.V line Edaman - Ayoor	8-315/82FRY (cons)	22/11/1984	K S E B	2.2800
26	M.V.I.P-R.B canal	8-242/84 FRY (cons)	17/12/1984	Irrigation Department	1.3060
27	D.W.S Battery	8-442/84FRY (cons)	07/02/1985	Kerala Water Authority	0.8100
28	11 K.V line in Vanamcode-tribal colony	8-82/86FRY (cons)	28/05/1986	K S E B	0.2500
29	220 K.V line Idukki-Udumalpettah	8-494/82 FRY (cons)	03/06/1986	K S E B	180.0700
30	Edaman Post Office building	8-34/84 FRY (cons)	03/07/1986	P&T	0.0400
31	Development facilities in Sabarimala	8-184/82 FRY (cons)	30/09/1986	Travancore Devaswom Board	5.3400
32	VSSC-PSLV	8-10/81 FC	04/11/1987	V S S C	34.5200
33	Peringalkuthu diversion channel	8-40/88FC	18/04/1988	K S E B	7.5000
34	Wind generator	8-325/88 FC	23/09/1988	K S E B	0.2550
35	Milamoodu pump house	8-295/87FC	01/11/1988	Kerala Water Authority	0.0750
36	Peringammala telephone cable	8-523/88 FC	05/01/1989	Telecom	0.0010

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
37	11 K.V line in Vennakode tribal settlement	8-128/89 FC	10/04/1989	K S E B	0.9000
38	Pipe line in Mannappattuchira	8-334/89 FC	09/08/1989	Irrigation Department	0.0863
39	Parkuthu L.T line	8-524/88 FC	12/09/1989	K S E B	0.2400
40	S.P line to Areeswaram temple	8-475/89 FC	13/12/1989	K S E B	0.0200
41	Nedumaboil sub station	8(B)-(4)6/89 FC(s)	26/12/1989	K S E B	0.1130
42	Valve generator for Peppara project	8(B)-8-/89 FC(s)	18/01/1990	K S E B	0.6300
43	Bore well & pipe line Kadakkaman depot	8(B)-(7)4/89 FC(s)	05/02/1990	Central Underground Water Board	0.0120
44	Moozhikkal drinking water project	8(B)-(7)5/89 FC(s)	22/02/1990	Kerala Water Authority	0.3650
45	Kochadappura L.T line	8(B)-(4)7/89 FC(s)	23/02/1990	K S E B	0.0800
46	Thenmala drinking water project	8(B)-(7)8/89 FC(s)	23/02/1990	Pancayat	0.2610
47	Illithodu- mulankudi L.T line	8(B)-(4)8/89 FC(s)	06/04/1990	K S E B	0.4500
48	Anert Wind Project	8(B)-(13)6/89 FC(s)	23/04/1990	Anert	0.0540
49	Pipe line in Kakkanadu tribal settlement	8-233/88FC	08/05/1990	PHED	0.0200
50	220 K.V line Thrissur-Kozhikkode	8-98/87 FC	09/07/1990	K S E B	22.4000
51	220 K.V line Kochi- LP	8-284/87 FC	10/07/1990	K S E B	16.4100
52	220 K.V line Idukki-LP	8-8/89 FC	10/07/1990	K S E B	25.5850
53	66 K.V line Thenmala-Edaman	8-220/88 FC	10/07/1990	K S E B	14.1520
54	Anakkaya small HEP	8-36/90FC	19/07/1990	K S E B	8.0000
55	St. George cemetery Thevaramala	8(B)-4(90) FC(s)	25/07/1990	Revenue	0.4000
56	400 K.V line Udumalpett-Thrissur	8-107/86FC	06/08/1990	K S E B	12.6150
57	11 K.V line Konni-Manneera	8(B)-(4)3/89 FC(s)	13/09/1990	K S E B	0.0350
58	Pepper farm	8-511/89 FC	06/11/1990	Forest Department	300.0000
59	Kannothu Hospital	8(B)8/90 FC(s)	09/01/1991	RDD	0.4040
60	Renewal of advance rent	8(B)-(1)-3/90 FC(s)	28/01/1991	T P Kuriakose MLTR	0.0160

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
61	Manakkayam approach road	8(B)-9/90 FC(s)	31/01/1991	PWD	0.0840
62	Pond across Odakkunnu in Dhoni	8(B)-(1)-1/90 FC(s)	14/08/1991	MID Palakkad	0.0330
63	Varandarappalli pump house	FCA/11.2/IP/KER	20/08/1991	Irrigation Department	0.0100
64	Thrissur- Shoranur road	FCA/11.2/3RC/KER	20/08/1991	PWD	0.0620
65	Women industrie unit in Ambalappad	FCA/12.2/5BC/KER	08/10/1991		0.0800
66	220 K.V line Thrissur -LP	8-8/89FC	25/08/1991	K S E B	11.3470
67	Kerala Police, Meenimbaramala	FCA 11.2/2/KER	22/09/1992	Kerala Police	0.1200
68	Renewal of advance rent of Telecom	FCA 11.2/1/TC/KER	23/09/1992	Telecom	0.0060
69	Kothamangalam LT line	FCA11.2/TL/KER	23/09/1992	K S E B	0.0510
70	Telephone line in 5Star Estate, Chalakudy	FCA 11.2/3/KER	08/02/1993	Telecom	0.0320
71	LT line vennyani	FCA 11.2/1/TL/KER	11/02/1993	KSEB	0.7710
72	Peramkottamala Police Station	FCA 11.2/KER/52/FC(194)	26/04/1993	Kerala Police	0.1200
73	MTR telephone line	FCA 11.2/KER/53/TL/(195)	23/02/1994	Telecom	0.3500
74	Renewal of agreement	8-8/82 FC	18/08/1994		15.1500
75	Realisation of Encroachment before 01.01.1977	8-118/86 FC	31/01/1995	Revenue Department	28588.00
76	Palakkad industrial	FCA 11.2/KER/63/RC(243)	14/02/1995	DIC Palakkad	0.0020
77	D.W.S Kottappady	FCA 11.2/KER/DWS/48	13/03/1995	PHED	3.3570
78	H.E.P. Bhooththankettu	FCA 11.2/HP/KER	14/03/1995	K S E B	1.9600
79	C.S.I Church at Vilakkuveetam	FCA 11.2/KER/59/MISC	26/07/1995	CSI	0.4040

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
80	3 P line at Kothamangalam	FCA 11.2/KER/65/TL(246)	18/08/1995	K S E B	0.0450
81	Thayyur irrigation project at Thayoor	FCA 11.2/KER/64/IP/244	30/08/1995	Irrigation Department	0.0880
82	Mullungal small H.E.P	FCA11.2/KER/67/HP/254	13/05/1996	K S E B	1.8200
83	Karikkayam small H.E.P	FCA 11.2/KER/66/HP/253	13/05/1996	K S E B	4.9300
84	Construction of nadappalam at kozhancheri	FCA 11.2/KER/62/MISC	24/06/1996	Pancayat	0.1000
85	L V Line at Tholppatty-Anappara	FCA 11.2/KER/70/TL(256)	08/08/1996	K S E B	0.9800
86	Aumentation Scheme, Kuttady	8-27/95/FC	20/08/1996	K S E B	240.0000
87	220 KV Line Panjal-Areekode	FCA 11.2/KER/61/TL	17/12/1996	K S E B	1.2950
88	Kakkathottil Kasave	FCA11.2/KER/77/RC/303	13/01/1997	District Ad.Pathanamthitta	0.1430
89	Idamalayar Irrigation Project	8-324/88 FC	10/07/1997	Irrigation Department	115.0470
90	Chalakkayam-Pampa Road Winding	FCA 11.2/80/KER /RC	29/07/1997	Travancore Devaswom Board	1.9220
91	Temporary shops at Sabarimala Route	FCA 11.2/KER89/MISC	10/10/1997	Forest Department	0.4630
92	Sand mining for Devaswom Board	FCA 16.1/59/KER/MIN	23/10/1997	Travancore Devaswom Board	0.4030
93	Telephone Line in Cheenikkuzhi Coupe Road	FCA 1.2/81/KER/TC	24/03/1998	Telecom	0.1110
94	Micro Wave Station for Telecom at Laha	FCA 11.2/KER/89/TC	18/05/1998	Telecom	0.2020
95	DWS Vellakkulangara	FCA 11.2/KER/55/DWS	10/06/1998	Kerala Water Authority	0.2710
96	Jawahar Navodaya School, Idukki	FCA 16.1/KER/BC-57/51	21/08/1998	JNS Idukki	11.7000
97	Sewage Treatment Plant at Sabarimala	FCA 11.2/82/KER/MISC	26/11/1998	Travancore Devaswom Board	0.4230

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
98	Rubber Clection at Thrissur Circle	FCA 16.1/64/KER	22/01/1999	Forest Department	29.7300
99	Sand mining fron Chalakkudy river.	FCA/11.2/89/KER/SBQ/MIN	22/01/1999	Forest Department	0.9500
100	International Airport, Kochi, Nedumbassery	FCA/11.2/87/KER/MISC	18/02/1999	CIAL	1.9870
101	Electrification at Pewingassery	FCA/11.2/KER/51/TL	08/04/1999	K S E B	1.5000
102	Irrigation Project in Kavarampally Panchayat	FCA/11.2/99/KER/IP	27/05/1999	Pancayat	0.2360
103	C R P F Firing Range at Ilamprakode	8-13/97/FC	21/06/1999	CRPF	32.2900
104	66 KV Line Pampa-Sabarimala	FCA 16.1/KER/TC/56	07/10/1999	K S E B	13.5260
105	Mukkoli-Panathanthode Canal	FCA 11.2/90/KER/IP	22/10/1999	Irrigation Department	1.2500
106	Electric Line toNayattukundu Colony	FCA 11.2/88/KER/TL	17/11/1999	K S E B	0.5100
107	H E P Athirappalli	8-12/97/FC	16/12/1999	K S E B	138.6000
108	Check Dam at Kannur	FCA 16.1/KER/MISC/88	02/02/2000	Travancore Devaswom Board	0.2000
109	Parking Area at Pampa	FCA 16.1/KER/MISC/88	02/02/2000	Travancore Devaswom Board	5.0000
110	Electric Line at Anchal	FCA 11.2/100/KER/TL/465	29/05/2000	K S E B	0.0180
111	Shenkulakm augmentation Scheme	FCA16.1/61/IP/KER	09/08/2000	K S E B	5.1550
112	Anamala-Peryachola Road	FCA 11.2/103/KER/RC	19/09/2000	Forest Department	0.0300
113	Paravur-Achancoil optical Fibre	11-9/98-FC	16/10/2000	Telecom	1.4670
114	Underground Cable at Machad Range	11-9/98-FC	16/10/2000	Telecom	0.0880
115	Wented Cross Bar at Pampa & Kakki	FCA 11.2/95/KER/IP	09/11/2000	Irrigation Department	1.1090
116	Mini Hidal Project at Meenvallam	FCA 11.2/KER/85/IP	22/12/2000	Pancayat	1.1500

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
117	Thekkumkara Panchayat	FCA 11.2/104/KER/MISC	10/01/2001	Pancayat	0.0490
118	Idathara-Kattachikkadavil Bridge	FCA 11.2/105/KER/3304	10/01/2001	PWD	0.0490
119	Micro Hydel Project at Meenvallam	G.O No.30/2001	27.01.2001	K S E B	1.1490
120	Gas Pipe line at Kavasseri	FCA 11.2/99/KER/MISC	15/02/2001	Petronet	0.7580
121	Meenmutty Lower shep	FCA 11.2/107/KER/HEP/36679	22/02/2001	K S E B	0.2650
122	CWS Malampuzha	FCA 11.2/98/KER/DWS/3795	02/03/2001	Pancayat	0.0950
123	Construction of MCHR at Idamalayar	FCA 11.2/106/KER/MISC.929	08/03/2001	K S E B	2.5700
124	Electric Transmission Line at Malayattoor	FCA 11.2/94/KER/TL/4021	27/03/2001	K S E B	0.1480
125	Water Distribution Project at Koodal & Enadimangalam	FCA 11.2/4/DWS/KER/4022	27/03/2001	Kerala Water Authority	0.0120
126	Water Distribution Project at madskkathara Panchayat	FCA 11.2/102/KER/DWS/350	20/05/2001	Kerala Water Authority	0.2380
127	Sand mining from Southern Circle	FCA 11.6/KER/MIN/827	20/07/2001	Forest Department	10.4520
128	Development of HEP kutyady	FCA 16.1/63/KER/HEP/1266	20/09/2001	K S E B	11.2000
129	Electric Line at Palode	FCA/11.2/109/KER/1265	20/09/2001	K S E B	0.0780
130	Kerala Blind School Muttam	FCA/11.2/92/KER/BC/1443	16/10/2001	Kerala Federation of Blind	1.2100
131	11 KVLine at Konni	FCA/11.2/111/KER/TL	04/01/2002	K S E B	0.8250

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
132	400 KV DC Madhura- Tvpm	8-9/200-FC	03/04/2002	PGCIL	57.9070
133	Pepperaa Chef	FCA/11.2/1/KER/275	10/05/2002	K S E B	0.3000
134	Nilakkal UG Cable	GO(Rt)206/02	06/07/2002	K S E B	0.0330
135	Construction of Underground Pipe Line	GO(Rt)207/02/F&WL	06/07/2002	Kerala Water Authority	0.0110
136	Mundakkayam-Koruthodu Road	FCA/11.2/114/KER/RC/793	19/07/2002	PWD	0.8570
137	Bridge at Vellilappara	FCA/11.2/115/KER/RC/1296	30/09/2002	PWD	0.7000
138	KFRI	FCA/11.2/117/KER/MISC	17/03/2003	KFRI	
139	Renewal of Agreement with RPL	8-27/01/FC	22/04/2003	RPL	2193.7700
140	Cherry Stream	FCA/11.2/119/KER/HEP/980	12/08/2003	K S E B	0.0600
141	Rehabilitation of Tribals	F.8-16/2002 FC	06/02/2004	State Govt	7693.226
142	Footpath in Keezhayam	FCA/11.2/112/KER/MISC/339	19/05/2004	BDO	0.0297
143	Arrangement in Kallar	FCA/11.2/124/KER/MISC/653	22/06/2004	Kerala Water Authority	0.0420
144	Kinginithodu-Pothumattom road	FCA/11.2/118/KER/RC/675	23/06/2004	Pancayat	0.1800
145	Microwave Tower at Vythiry	FCA/11.2/112/KER/1007	21/07/2004	Escotel Communication	0.0400
146	Chalakkudy-Vazhachal Link road	FCA/11.2/127/KER/RC/1220	16/08/2004	PWD	0.5820
147	Police Station, Kannavom	FCA/11.2/121/KER/MISC	08/09/2004	Police Department	0.1090
148	Development in Kuttyadi	FCA/16.1/KER/HEP/68	13/01/2005	K S E B	1.6500
149	Construction of underground ElectricCable at Cherukara	GO(Rt)61/05/F&WL	29/01/2005	K S E B	0.0120
150	Construction of underground LT cable	GO(Rt) 62/05/F&WL	29/01/2005	K S E B	0.0210

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
151	Construction of underground Electric Cable at Agasthyamala Biosphere	GO(Rt)145/05/F&WL	15/03/2005	K S E B	0.1210
152	underground ElectricCable at Nedumpacha	GO(Rt) 160/05/F&WL	21/03/2005	K S E B	0.0717
153	Electric Line to Nathickal Settlement in Anchal Range	GO(Rt)220/05/F&WL	06/04/2005	K S E B	0.1040
154	Construction of Check dam across Chittar River	GO(Rt) 222/05/F&WL	07/04/2005	Pulpally Grama Panchayat	0.0480
155	underground Cable to Kadamanpara Settlement	GO(Rt)314/05/F&WL	06/06/2005	K S E B	0.0240
156	Construction of Wells&Pumphouse	GO(Rt) 315/05/F&WL	06/06/2005	Pulpally Grama Panchayat	0.0202
157	Parking Area at Nilakkal	GO(Rt)/05/F.8-30/2005 FC	07/06/2005	Travancore Devaswom Board	110.5240
158	Construction of Wells,Pumphouse &Distribution Line	GO(Rt)332/05/F&WL	14/06/2005	JNS	0.0230
159	underground ElectricCable at Cherukara	GO(Rt)359/05/F&WL	25/06/2005	K S E B	0.0120
160	Palakappandy Project	4-KLB 069/05 BAN	29/06/2005	Irrigation Department	3.3750
161	Cnstruction of Elecric Line in Kuttichal Grama Panchayat	GO(Rt)384/05/F&WL	11/07/2005	K S E B	0.1936
162	Kariyathanpara Water Supply Scheme	GO(Rt) 468/05/F&WL	27/08/2005	Team L:eadar	0.0253
163	Diversion from Periyar Tiger Reserve	F 8-70/2005,FC Govt of India New Delhi	12/09/2005	Travancore Devaswom Board	12.6750
164	Sangamom Water Supply Scheme	GO(Rt)510/05/F&WL	19/09/2005	Team L:eadar KRWS	0.0027
165	Farm Touriism Project	FCA/11.2/121/KER/MISC	23/09/2005	PCK	2.0000
166	Swimming Pool Development in Nanniyodu Panchayat	GO(Rt)596/05/F&WL	01/10/2005	Grama Panchayat	0.0091
167	Electrification at Nilakkal	GO(Rt) 618/05/F&WL	16/11/2005	K S E B	0.2100

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
168	Electrification at Chempanaruvi Colony	4-KLB 070/05/BAN	24/11/2005	K S E B	3.8800
169	Construction of Check dam across Chittar River	GO(Rt)662/05/F&WL	07/12/2005	TBGRI	0.0004
170	Electrification at Valiyarappacha	GO(Rt) 668/05/F&WL	08/12/2005	K S E B	0.1850
171	Renovation of Pampa Kakki Irrigation Project	KLB-026/2004-BAN	27/12/2005	Irrigation Department	1.4425
172	Electrification at Chempanaruvi Colony	GO(Rt)3/06/F&WL	02/01/2006	K S E B	0.0065
173	Electrification at Chempanaruvi Colony	GO(Rt) 4/06/F&WL	02/01/2006	K S E B	0.0040
174	Construction of underground Electric Cable at Sholayar Range	GO(Rt)80/06/F&WL	08/02/2006	K S E B	0.0080
175	Drinking Water projects in 4 Tribal Colonies	GO(Rt) 228/06/F&WL	15/05/2006	Pulpally Grama Panchayat	0.0615
176	Electrification of Micamon Church at Pathanapuram	GO(Rt) 300/06/F&WL	19/07/2006	K S E B	0.0040
177	CSI Church at Vallikkunnam	FCA/11.2/KER/59/MISC	10/08/2006	Bishop CSI Church	0.4040
178	Nenmara-Nelliampathi Road	4-KLB 175/06-BAN	19/10/2006	PWD	4.0469
179	Drinking Water project in Ranni	GO(Rt)349/06/F&WL	19/08/2006	Perunadu Grama Panchayat	0.0270
180	Construction of Electric Line to Nalpatheacre settlement in Ranni	GO(Rt) 442/06/F&WL	31/10/2006	K S E B	0.0116
181	Drinking Water project in Ranni	GO(Rt)61/05/F&WL	08/11/2006	Perunadu Grama Panchayat	0.0460
182	Construction of Tele Communication in Ranni	GO(Rt) 62/05/F&WL	13/11/2006	BSNL	0.5400
183	Construction of Electric Line in Padavampara Ezhuvatthor Area	GO(Rt)61/05/F&WL	14/11/2006	K S E B	0.0012
184	Construction of Building for School at Seethathode Grama Panchayat	GO(Rt) 62/05/F&WL	16/12/2006	Seethathode Grama Panchayat	0.0203

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
185	Electric Line Through 1969 Teak Plantation	GO(Rt)61/05/F&WL	27/12/2006	K S E B	0.0920
186	Drinking Water project in Thirunelli Grama Panchayat	GO(Rt) 62/05/F&WL	30/12/2006	Kerala Water Authority	0.0850
187	For School Building Pulpalli Grama Panchayat	GO(Rt) 560/06/F&WL	30/12/2006	Pulpally Grama Panchayat	0.0300
188	For fixing electric line	GO. IMoEF No. 4KLC244/2006	04/10/2007	Powergrid Corporation	10.2300
189	For drinking water facilities	GO(Rt) No. 211/08/KFD	21/04/2008	KFDC	0.0780
190	400KV Line	4KLB 333/2007-BAN/4135/24.3.09	24.3.09	PGCIL	1.6238
191	Allathodu Tribal Colony	GO(Rt) No346/2008/F&WL	3.7.08	KSEB	0.8832
192	Electrification of Kattachira Kudppanakkunnu Tribal Colony	4KLB529/2008-BAN Dt.30.4.2009	30.04.09	KSEB	4.9551
193	Electrification of Velamplavu Tribal Colony	4KLB 328/2007-BAN/2825	14.08.08	KSEB	0.3535
194	Electrification of Chelikkuzhi Tribal Colony	GO(Rt) No544/2008/F&WL	6.11.08	KSEB	0.0400
195	Re-routing 400KV Line Udumalpet Thrissur Near Kuthuran Hills	4KLB 510/2008-BAN/2679/15.07.08	15.07.08	PGCIL	2.0470
196	Electrification of Chozhiyakode Company kunnu Area	GO(Ms)No512/2008/F&WLD	20.10.2008	KSEB	0.0042
197	Electrification of Cherukarakani Tribal Settlement	GO(Rt) No631/2008/F&WL23.12.2008	23.12.2008	KSEB	0.3250
198	Electrification of Attumampuram ST Settlement Colony	GO(Rt) No403/2008/F&WL	31.07.08	KSEB	0.5250
199	Kakkadumpoyil SC/ST Colony	GO(Rt) No 602/2008/F&WL	9.12.08	KSEB	0.0360
200	Construction of General Water Tank at Karayalar metu	GO(Rt) No345/2008/F&WLD	10.06.08	KWA	0.0131

Sl. No.	Utilisation	Govt Order	Date	Consumer	Area (ha.)
201	Electrification of Kurumbanmoozhi-Manakayam Tribal Colony	GO(Rt) No302/2008/F&WLD	3.07.08	KSEB	0.9495
202	Koodankulam Power Project	4KLB 187/2006-BAN/2149	31.3.08	PGCIL	1.0580
203	Electrification of mukkalampadu area in Chaliakkara Region	GO(Rt) No513/2008/F&WLD	20.10.2008	KSEB	0.0100
Total Area					41034.1015

Tribal Settlements

A total of 723 Tribal Settlements are distributed in 31 divisions of Kerala Forest Department. Abstract of tribal settlement in forests is shown in table 6.10 below.

Table 6.10

No of divisions	No. of Settlements	Area (ha.)	No. of tribal families possessing land	No. of landless tribal families	No. of non-tribal families possessing land in settlment
31	723	21531.996	20713	2193	4486

Division wise number of tribal settlements, area and no. of families are given in table 6.11

Table 6.11

Sl. No.	Division	No. of Settlements	Area (ha.)	No. of tribal families possessing land	No. of landless tribal families	No. of non-tribal families possessing land in settlment
1	Thiruvananthapuram	88	1182.162	2467		30
2	Thenmala	8	159.271	304	16	50
3	Achencoil	1	18.480	45	70	
4	Punalur	14	92.961	477	36	79
5	Konni	4	17.620	95		

Sl. No.	Division	No. of Settlements	Area (ha.)	No. of tribal families possessing land	No. of landless tribal families	No. of non-tribal families possessing land in settlment
6	Ranni	21	773.312	993	19	548
7	Mankulam	10	381.632	459		
8	Munnar	88	1691.586	3809	259	156
9	Kottayam	19	636.083	1698		518
10	Kothamangalam	29	7693.826	2243		2481
11	Thrissur	6	17.040	129	6	1
12	Chalakydy	11	49.100	249		87
13	Vazhachal	8	52.750	221	61	
14	Malayattoor	12	917.480	660	56	
15	Palakkad	26	102.158	387	26	
16	Mannarkad	13	372.526	625		
17	Nemmara	8	53.231	226	87	
18	Nilambur North	26	93.410	586	21	1
19	Nilambur South	5	110.440	103	19	
20	Wayanad South	84	2321.050	1243	502	71
21	Wayanad North	13	38.910	110	60	
22	Kannur	78	614.330			
23	Thiruvananthapuram (WL)	42	1260.000	716		
24	Periyar East	1	88.400	370	52	
25	Periyar West	1	443.680	227	7	
26	Munnar (WL)	12	755.000	456		
27	Idukki (WL)	12	711.260	615		
28	Wayanad (WL)	72	678.942	820	860	387
29	Parambikulam	7	34.270	250	36	
30	Peechi	3	131.086	97		64
31	Aralam	1	40.000	33		13
	Total	723	21532	20713	2193	4486

Relief to Wildlife victims

During 2008-2009 an amount of ` 51.90 lakhs under the budget head 2406-01-800-92 has been paid to the victims of wild animal's attack as relief measure. The details are given in table 6.12

Table 6.12

Sl. No.	Divisions	Amount paid (lakhs)
1	Divisional Forest Officer, Kozhikkode	3.07
2	Divisional Forest Officer, Kannur	2.28
3	Divisional Forest Officer, Wayanad North	3.86
4	Divisional Forest Officer, Wayanad South	14.00
5	Divisional Forest Officer, Mannarkkad	2.04
6	Divisional Forest Officer, Nemmara	0.13
7	Divisional Forest Officer, Nilambur North	0.50
8	Divisional Forest Officer, Nilambur South	1.79
9	CF, Palakkad	1.50
10	CF, Kottayam	0.50
11	Divisional Forest Officer, Palakkad	1.37
12	Divisional Forest Officer, Chalakkudy	0.51
13	Divisional Forest Officer, Vazhachal	0.09
14	Divisional Forest Officer, Malayattoor	0.37
15	Divisional Forest Officer, Konni	0.10
16	Divisional Forest Officer, Ranni	0.25
17	Divisional Forest Officer, Thenmala	0.49
18	Divisional Forest Officer, Thiruvananthapuram	0.73
19	Divisional Forest Officer, Kottayam	0.16
20	Divisional Forest Officer, Munnar	5.51
21	Divisional Forest Officer, Marayoor	0.34
22	Wild Lif Warden, Wayanad	11.95
23	Periyare West	0.11
24	Periyar East	0.11
25	WLW, Thiruvananthapuram	0.14
	Total	51.90

Wildlife Census

Details of animals estimated as per the wildlife census conducted on 2002 are given in table 6.13

Table 6.13

Sl.No.	Name	No. of Animals
1	Lion tailed macaque	1320
2	Bonnet Macaque	6051
3	Nilgiri langur	51517
4	Common Langur	1073
5	Elephant	6068
6	Gaur	14787
7	Sambar	30414
8	Spotted deer	38391
9	Barking deer	674
10	Mouse deer	201
11	Nilgiri Tahr	902
12	Wild Boar	60940
13	Malabar giant squirrel	88919
14	Porcupine	172
15	Sloth Bear	56
16	Tiger	46
17	Wild Dog	365

Note : Wildlife census has not been conducted in 2005 except for elephants.
The figures given above is based on 2002 Census. 2006 census report is not available

Eco-Tourism Locations

District wise number of Eco-Tourism locations in the State under Forest department is given below in table 6.14

Table 6.14

Sl. No.	District	No. of Eco-Tourism locations
1	Thiruvananthapuram	5
2	Kollam	4
3	Pathanamthitta	2
4	Idukki	14
5	Ernakulam	3
6	Thrissur	3
7	Palakkad	6
8	Malappuram	4
9	Kozhikode	4
10	Wayanad	8
11	Kannur	3
	Total	56

List of district wise Eco-Tourism locations under forest department is given in table 6.15

Table 6.15

Sl. No.	District	Eco tourism location
1	Thiruvananthapuram	Neyyar
2		Ponmudi
3		Kallar
4		Mankayam
5		Kappukad
6	Kollam	Shendurney
7		Palaruvi
8		Manalar-Kumbamuruty
9		Kudukkathupara
10	Pathanamthitta	Pachakkanam
11		Konni

Sl. No.	District	Eco tourism location
12	Idukki	Anchuruli
13		Periyar
14		Chinnar
15		Marayoor
16		Thommankuthu
17		Cheeyappara
18		Kolumban Colony
19		Kalverimount
20		Chellarcovil
21		Chakkimali
22		Anamudi
23		Thattekkadu
24		Rajamala
25		Idukki
26	Ernakulam	Panellipor
27		Mulamkuzhi
28		Kaprikkadu
29	Thrissur	Chimmony
30		Choolannur
31		Athirappally-Vazhachal
32	Palakkad	Silent Valley
33		Siruvani
34		Parambikulam
35		Meeenvallam
36		Anaganmala
37		Nelliyampathi
38	Malappuram	Adyampara
39		Mampad
40		Nedungayam
41		T.K.Colony
42	Kozhikode	Thuzharagiri
43		Janakikad
44		Peruvannamoozhy

Sl. No.	District	Eco tourism location
45		Kakkayam
46	Wayanad	Pakkom Kuruva
47		Muthanga
48		Meenmuti
49		Bhanasurasagar
50		Thirunelly-Pakshipathalam
51		Tholpetty
52		Chembra Peak
53		Soochippara
54		Kannur
55	Pookund	
56	Aralam	

Participatory Forest Management (PFM)

The State has adopted Participatory Forest Management (PFM) as a strategy for conservation of bio-diversity and for the improvement of livelihood of forest dependent people by forming partnership institutions at grass root level since 1998. The institutions in territorial forest divisions are called Vana Samrakshana Samithies (VSS). Those in sanctuaries and national parks are called Eco-Development Committees (EDC). During the year 2008-09 there were 388 number of VSSs and 189 number of EDCs. List of the names of VSS of Kerala Forest Department under the management of Forest Development Agencies (FDA) are given in table 6.16

Table 6.16

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgmt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
Thiruvananthapuram FDA				Thiruvananthapuram Division						
1	Thannimoodu (561-1/98)		Fringe	-	46	-	46	100	Kulathupuzha	
2	Pottamavu (461-2/2001)		Tribal	-	78	-	78	1200	Kulathupuzha	
3	Adipparambu (561-5/01-02)		Fringe	53	-	-	53	100	Kulathupuzha	
4	Mathrakarikam (561-5/02)		Fringe	46	-	80	126	300	Kulathupuzha	
5	Vellayamdesom (562-3/01-02)		Fringe	31	38	64	133	131	Palode	

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgmt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
6	Kochadapupara (562-2/01-02)		Fringe	-	65	-	65	105	Palode	
7	Chekkonam (562-6/01-02)		Fringe	11	114	48	173	250	Palode	
8	Peethalakarikkakom (562-4/01-2)		Fringe	18	20	30	68	250	Palode	
9	Pachamala (562-05/01-02)		Fringe	9	50	2	61	100	Palode	
10	Mankayam (562-7/05-06)		Fringe	32	6	29	67	300	Palode	
11	Ponmudi (562-8/05-06)		Fringe	-	93	15	108	300	Palode	
12	Narakathinkala (563-1/01-02)		Fringe	-	102	-	102	200	Paruthippally	
13	Pattankulichapara (563-2/01-02)		Fringe	-	125	-	125	200	Paruthippally	
14	Kallar (563-3/03)		Fringe	72	16	49	137	200	Paruthippally	
Thenmala FDA				Thenmala Division						
1	Villumala (531-1/99)		Fringe	175	203	20	398	100	Thenmala	
2	Poothottam-pathekkar (531-3/02)		Fringe	22	0	48	70	200	Thenmala	
3	Malavedar Colony (531-5/02)		Fringe	0	162	0	162	100	Thenmala	
4	Ottakkal (531-4/2006)		Fringe	10	0	135	145	250	Thenmala	
5	Kadamanpara (532-1/02)		Fringe	24	10	54	88	300	Arienkavu	
6	Kottavasal (532-2/02)		Fringe	12	20	102	134	300	Arienkavu	
7	Edappalayam (532-4/02)		Fringe	16	4	175	195	200	Arienkavu	
8	Rajathottam (532-5/02)		Fringe	2	2	111	115	300	Arienkavu	
9	Karayalarhottam (532-5/02)		Fringe	36	0	90	126	300	Arienkavu	
10	Palaruvi (532-6/03)		Fringe	6	1	125	132	200	Arienkavu	
11	Karayalarmeth (532-7/07)		Fringe	29	7	150	186	300	Arienkavu	
Ranni FDA				Ranni Division						
1	Valiyakavu (511-1/99)		Fringe	19	-	126	145	150	Ranni	
2	Velanplavu (511-2/2000)		Fringe	17	38	7	62	125	Ranni	
3	Bimbiram (511-3/2000)		Fringe	23	86	5	114	150	Ranni	
4	Kurumbanmoozhy (511-4/00)		Fringe	24	89	42	155	200	Ranni	
5	Laha (511-5/01)		Fringe	20	44	93	157	200	Ranni	
6	Manakkayam (511-6/01)		Fringe	2	54	28	84	200	Ranni	
7	Nellimala (511-7/01)		Fringe	3	-	94	97	200	Ranni	
8	Arayanjilimannu (511-8/01)		Fringe	13	76	122	211	150	Ranni	
9	Moonnukallu (511-9/01)		Fringe	8	4	130	142	200	Ranni	
10	Mothiravayal (511-10/01)		Fringe	39	161	-	200	100	Ranni	
11	Kudamurutty (511-11/01)		Fringe	7	47	128	182	150	Ranni	
12	Kariyamplavu (511-12/01)		Fringe	6	-	60	66	150	Ranni	
13	Adichipuzha (511-13/01)		Fringe	-	200	-	200	100	Ranni	
14	Chollanavayal (511-14/02)		Fringe	-	40	-	40	100	Ranni	

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgnt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
15	Naranamthodu (511-15/01)		Fringe	28	6	92	126	200	Ranni	
16	Kochethupara (511-18/04)		Fringe	7	-	74	81	100	Ranni	
17	Olikallu (512-1/00)		Fringe	11	-	49	60	100	Vadasserikkara	
18	Kattachira (512-2/01)		Fringe	49	-	31	80	150	Vadasserikkara	
19	Pambini (512-3/01)		Fringe	12	89	69	170	100	Vadasserikkara	
20	Thannimoodu (512-4/01)		Fringe	59	19	173	251	100	Vadasserikkara	
21	Kodumudi (512-5/01)		Fringe	2	90	46	138	150	Vadasserikkara	
22	Gurunathanmannu (512-6/01)		Fringe	25	-	91	116	200	Vadasserikkara	
23	Thoopakkulam (512-7/01)		Fringe	36	-	208	244	200	Vadasserikkara	
24	Manpilavu (512-8/02)		Fringe	23	-	92	115	250	Vadasserikkara	
25	Villoonipara (512-9/02)		Fringe	36	4	130	170	200	Vadasserikkara	
26	Kodumudikarikeyam (512-10/04)		Fringe	17	3	34	54	100	Vadasserikkara	
27	Kunnam (512-11/04)		Fringe	9	0	97	106	250	Vadasserikkara	
28	Koothadimannu (512-13/04)		Fringe	3	0	140	143	250	Vadasserikkara	
29	Mekkannam (512-14/04)		Fringe	4	0	64	68	300	Vadasserikkara	
30	Pachakkanam (513-1/01)		Fringe	7	0	16	23	200	Goodrickal	
31	Angamoozhi (513-2/01)		Fringe	28	1	189	218	200	Goodrickal	
32	Kochani (513-3/01)		Fringe	13	1	87	101	200	Goodrickal	
33	Kochukoyikkal (513-4/01)		Fringe	0	0	116	116	150	Goodrickal	
Konni FDA					Konni Division					
1	Mullumala (521-1/99)		Fringe	4	35	40	79	225	Mannarappara	
2	Avanippara (521-1/02)		Tribal	0	24	0	0	2000	Mannarappara	
3	Vellamthatty (521-2/02)		Fringe	8	16	9	33	250	Mannarappara	
4	Chembanaruvu (521-3/02)		Fringe	46	0	70	116	300	Mannarappara	
5	Kadambupara (521-4/03)		Fringe	29	0	155	184	200	Mannarappara	
6	Nellikappara (522-1/02)		Fringe	5	0	12316	131	300	Naduvathumoozhi	
7	Appuppanthodu (522-2/02)		Fringe	13	0	80	93	300	Naduvathumoozhi	
8	Padam (522-3/02)		Fringe	25	0	156	181	200	Naduvathumoozhi	
9	Neeramakulam (522-4/02)		Fringe	7	0	75	82	250	Naduvathumoozhi	
10	Thalamanam (522-5/02)		Fringe	30	2	88	120	250	Naduvathumoozhi	
11	Kottampara (522-6/02)		Tribal	-	10	-	10	60	Naduvathumoozhi	
12	Kattathi (522-7/02)		Tribal	-	26	-	26	90	Naduvathumoozhi	

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgnt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
13	Manneera (522-8/02)		Fringe	3	-	105	108	200	Naduvathumoozh i	
14	Vilakkupadi (522-9/03)		Fringe	2	-	65	67	300	Naduvathumoozh i	
15	Allumkal (522-10/03)		Fringe	19	1	62	82	300	Naduvathumoozh i	
16	Kampakathumpacha (522-11/03)		Fringe	5	-	33	38	200	Naduvathumoozh i	
17	Vadakke Manneera (522-12/03)		Fringe	18	2	102	122	300	Naduvathumoozh i	
18	Thavalappara (523-1/02)		Fringe	25	5	214	244	200	Konni	
19	Eiimullaplackal (523-2/02)		Fringe	58	-	170	228	210	Konni	
20	Avolikkuzhy (523-3/02)		Fringe	20	-	189	209	260	Konni	
21	Achenkovil (551-1/00)		Tribal	-	81	-	81	2000	Achenkovil	
22	Manalar-Kumbhavurutty (551-2/02)		Fringe	-	5	12	17	300	Achenkovil	
23	Achenkovil West (551-3/06)		Fringe	26	-	72	98	300	Achenkovil	
Punalur FDA				Punalur Division						
1	Vanchiyodu (542-1/99)		Fringe	19	40	63	122	200	Anchal	
2	Erayil (542-2/01)		Fringe	40	-	60	100	250	Anchal	
3	Mukkoodu (542-3/01)		Fringe	18	-	59	77	250	Anchal	
4	Kocharippa-Edappana (542-4/02)		Fringe	-	85	-	85	332	Anchal	
5	Nattukal (542-5/02)		Fringe	51	-	12	63	270	Anchal	
6	Cherukara (542-8/02)		Fringe	-	108	-	108	200	Anchal	
7	Kallupacha (542-9/02)		Fringe	13	27	13	53	200	Anchal	
8	Kudukkathupara (542-10/02)		Fringe	33	14	24	71	200	Anchal	
9	Tholippacha (542-11/02)		Fringe	27	-	11	38	200	Anchal	
10	Mampazhathara (541-7/02)		Fringe	12	-	43	55	300	Pathanapuram	
11	Cherukadavu (541-12/02)		Fringe	5	20	90	115	300	Pathanapuram	
12	Olappara (541-13/03)		Fringe	65	2	31	98	300	Pathanapuram	
HIGH RANGE CIRCLE										
Kothamangalam-Thodupuzha FDA				Kothamangalam Division						
1	Chelamala (4411/01)		Fringe	10	-	128	138	65	Kothamangalam	
2	Vellakkaayam (4422/01)		Fringe	25	81	103	210	286.50	Mullaringad	
3	Valpaara (4431/01)		Fringe	5	39	103	147	300.80	Kallayar	
4	Thommankuthu (4432/03)		Fringe	7	3	149	159	85.30	Kallayar	
5	Makkuvally (4441/02)		Fringe	-	4	107	111	68	Thodupuzha	
6	Manathadom (4442/02)		Fringe	-	9	30	39	137.12	Thodupuzha	
7	Mannoorkadu (4443/03)		Fringe	15	-	35	50	340	Thodupuzha	

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgnt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
8	Kalthappara (4444/03)		Fringe	-	-	57	57	285	Thodupuzha	
9	Vallyamavu (4446/03)		Fringe	9	33	4	46	300	Thodupuzha	
10	Venmani		Tribal							
Nagarampara Ayyappancoil FDA				Kottayam Division						
1	Kozhimala (4121/01)		Fringe	12	56	127	195	230	Ayyappancoil	
2	Vazhavara (4122/01)		Fringe	18	1	229	248	289.25	Ayyappancoil	
3	Narekanam (4123/01)		Fringe	22	-	242	264	300	Ayyappancoil	
4	Kalvarimount (4124/01)		Fringe	23	-	188	211	290	Ayyappancoil	
5	Pampadikuzhi (4125/01)		Fringe	50	66	48	164	300	Ayyappancoil	
6	Anchuruly (4126/01)		Fringe	19	38	195	252	243	Ayyappancoil	
7	Kappakkanam (4141/99)		Fringe	18	28	37	83	150	Nagarampara	
8	Perumkala (4142/01)		Fringe	21	53	85	169	292	Nagarampara	
9	Chakkimali (4143/01)		Fringe	6	21	26	53	300	Nagarampara	
10	Kalam Kamizhi (4146/03)		Fringe	18	5	69	92	300	Nagarampara	
11	Kolumbancolony (414-4/03)		Fringe	-	50	-	50	300	Nagarampara	
12	Mulakuvally (414-5/03)		Fringe	3	4	139	146	250	Nagarampara	
13	Kulamavu (4147/03)		Fringe	-	-	96	95	308.60	Nagarampara	
Mankulam FDA				Mankulam Division						
1	Chikkanam kudy (4311/01)		Fringe	18	56	-	74	250	Mankulam	
2	Sinku Kudy (4312/01)		Fringe	15	68	-	83	200	Mankulam	
3	Kampanykudy (4313/01)		Fringe	44	61	-	105	108.50	Mankulam	
4	Thalumkantom kudy (4314/01)		Fringe	22	153	-	175	100	Mankulam	
5	Seval Kudy (4321/01)		Fringe	50	37	-	87	100	Anakulam	
6	Mangaparakudy (4322/01 A)		Tribal	15	14	-	29	500	Anakulam	
7	Kozhiyala Kudy (4323/01)		Fringe	-	64	-	64	140	Anakulam	
8	Pandiyan Kudy (4325/01)		Fringe	28	47	-	75	102	Anakulam	
Munnar FDA				Munnar Division						
1	Elamplassery (4211/99 A)		Tribal	-	113	-	113	800	Neriyamangalam	
2	5th Mile (4212/01 A)		Tribal	-	61	-	61	1200	Neriyamangalam	
3	Pinavoorudy (4214-01 A)		Tribal	120	-	-	120	1000	Neriyamangalam	
4	Neendapara (4215/01)		Fringe	20	32	195	247	260	Neriyamangalam	
5	Kanjiraveli (4217/01)		Fringe	-	28	258	286	300	Neriyamangalam	
6	Kurathilkudi (4221/99 A)		Tribal	-	173	-	173	800	Adimali	
7	Choorakettan (4222/01)		Fringe	29	81	5	115	300	Adimali	
8	Kodakallu (4225/01)		Fringe	-	67	-	67	215	Adimali	
9	Edamalakudy (4231/01 A)		Tribal	-	167	-	167	2200	Munnar	
Marayoor FDA				Marayoor Division						
1	Karayoor II (Old) (4521/06)		Fringe	-	-	120	120	97	Kanthalloor	
2	Karsanadu (4522/06)		Fringe	-	-	163	163	51.40	Kanthalloor	
3	Kanakkayam (4523/06)		Fringe	-	-	65	65	50.60	Kanthalloor	

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgmt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
4	Kizhanthoor (4524/06)		Fringe	18	-	-	18	54.80	Kanthalloor	
5	Cheruvadu (4525/06)		Fringe	-	-	227	227	51.60	Kanthalloor	
6	Theerthamala (4526/06)		Fringe	-	-	105	105	54.50	Kanthalloor	
7	Churakulam (Old) (4527/06)		Fringe	-	-	-	96	52.80	Kanthalloor	
8	Ponganpally (4528/06)		Fringe	-	-	-	51	50.20	Kanthalloor	
9	Marayoor (Old) 4511/06)		Fringe	-	-	-	120	300	Marayoor	
10	Nachivayal Old (4512/06)		Fringe	147	-	42	189	100	Marayoor	
11	Kammalankudy (4513/06)		Fringe	-	-	-	-	60	Marayoor	
12	Pattikkad (4514/06)		Fringe	41	28	59	128	62	Marayoor	
13	Karpoorakkudy (4515/06)		Fringe	-	21	-	21	60	Marayoor	
14	Pallanad (4516/06)		Fringe	132	-	58	190	50	Marayoor	
15	Kappal store (4517/06)		Fringe	63	3	17	83	53	Marayoor	
16	Kavakudy (4518/06)		Fringe	-	50	-	50	40	Marayoor	
17	Melady (4519/06)		Fringe	148	-	41	189	36	Marayoor	
18	Vengappara Nellipettikudy (45110/06)		Fringe	-	77	-	77	53	Marayoor	
19	Babu Nagar (45111/06)		Fringe	33	62	93	188	74	Marayoor	
20	Kummlttan Kudy (45112/06)		Fringe	-	117	-	117	50	Marayoor	
21	Puravayal Kudy (45113/06)		Fringe	-	20	-	20	77	Marayoor	
22	Periya Kudy (45114/06)		Fringe	-	69	-	69	50	Marayoor	
23	Kuthukallu Kudy (45115/06)		Fringe	-	46	-	46	50	Marayoor	
24	Kovilkadavu									
25	Pathadipalam									
26	Uluppuni									
27	Kalaketty									
28	Koyikkakkavu									

CENTRAL CIRCLE

Thrissur FDA				Thrissur Division						
1	Kakkinikad-Vazhani		Tribal	-	-	-	-	1077	Machad	
2	Manchetty		Fringe	-	-	-	-	84.16	Machad	
3	Pulakode		Fringe	21	-	132	153	288.97	Machad	
4	Viruppaka		Fringe	38	-	214	252	164	Machad	
5	Vattully		Fringe	10	-	247	257	107	Machad	
6	Poovanchira		Tribal	2	48	-	50	1800	Pattikkad	
7	Thamaravellachal		Tribal	48	34	-	82	500	Pattikkad	
8	Pullamkandam		Fringe	4	-	153	157	300	Pattikkad	
9	Vettai		Fringe	20	-	150	170	130.08	Pattikkad	
10	Malayanmukku		Fringe	82	-	84	166	242	Pattikkad	
11	Pattathippara		Fringe	15	-	109	124	262.50	Pattikkad	

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgmt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
12	Varikulam		Fringe	11	-	160	171	250	Pattikkad	
13	Kodumbu		Fringe	103	-	190	293	273	Wadakkanchery	
14	Vazhalipadam-Vellangipara		Fringe	79	4	94	177	74	Wadakkanchery	
15	Kandanchira		Fringe	33	-	87	120	200	Wadakkanchery	
16	Thayyoor-Pazhavor-Puthuruthy		Fringe	89	-	130	219	207	Wadakkanchery	
17	Irunilamcodu		Fringe	43	-	151	194	96	Wadakkanchery	
18	Thichoor		Fringe	80	-	12	92	150	Wadakkanchery	
Vazhachal FDA				Vazhachal Division						
1	Athirappilly		Fringe	135	4	110	249	300	Charpa	
2	Vazhachal		Tribal	-	48	-	48	5097	Charpa	
3	Olivelichira		Fringe	20	-	130	150	300	Athirappilly	
4	Erumathadam		Fringe	23	-	175	198	300	Athirappilly	
5	Ezhattumugham		Fringe	5	3	123	131	100	Athirappilly	
6	Pokalappara		Tribal	-	49	-	49	9064	Vazhachal	
7	Puliyilapara		Fringe	36	-	57	93	300	Vazhachal	
8	Malakkapara		Tribal	-	48	-	48	4000	Sholayar	
9	Thavalakuzhipara		Tribal	-	42	-	42	2000	Sholayar	
10	Sholayar		Tribal	-	35	-	35	1200	Sholayar	
11	Vachumaram		Tribal	-	57	-	57	2500	Kollathirumedu	
Chalakkudy FDA				Chalakkudy Division						
1	Chembamkandam-Bharathamala		Fringe	43	25	444	512	142.50	Palappilly	
2	Elekode		Tribal	-	19	-	19	175	Palappilly	
3	Kottamala-Valara		Fringe	8	-	117	125	160.50	Pariyaram	
4	Randukai		Fringe	13	1	266	280	193	Pariyaram	
5	Vettilapara		Fringe	40	2	198	240	200	Pariyaram	
6	Vellikulangara-Kavalakatty		Fringe	35	5	565	605	154	Vellikulangara	
7	Kanakamala		Fringe	3	2	100	105	103	Vellikulangara	
8	Anappandam		Tribal	-	53	-	53	1800	Vellikulangara	
9	Karikadavu		Tribal	-	14	-	14	1000	Vellikulangara	
Malayattoor FDA				Malayattoor Division						
1	Chakkimedu-Vadattupara		Fringe	31	1	134	166	84	Thundathil	
2	Ponganchuvadu		Tribal	-	87	-	87	2000	Thundathil	
3	Thalumkandam		Tribal	-	29	-	29	2000	Thundathil	
4	Kannimangalam-Pandupara		Fringe	7	-	105	112	285	Kalady	
5	Mulamkuzhy		Fringe	36	-	129	165	300	Kalady	
6	Kaprikkad		Fringe	92	-	286	378	35	Kodanad	
7	Paneliporu		Fringe	7	-	105	112	72	Kodanad	
8	Vembooram		Fringe	Newly formed				28	Kodanad	
9	Thalavachapara		Tribal	-	50	-	50	2000	Kuttampuzha	

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgnt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
10	Kunchipara		Tribal	-	70	-	70	2000	Kuttampuzha	
11	Uriyampetti		Tribal	-	52	-	52	3000	Kuttampuzha	
12	Medanapara		Tribal	-	72	-	72	2500	Kuttampuzha	
13	Kappayam		Tribal	-	35	-	35	2000	Idamalayar	
14	Adichilthotti		Tribal	-	61	-	61	5000	Idamalayar	
15	Thera		Tribal	-	35	-	35	1000	Idamalayar	
16	Variyam		Tribal	-	122	-	122	4000	Idamalayar	
EASTERN CIRCLE										
Nilambur South FDA					Nilambur South Division					
1	Mundakadavu		Tribal	-	29	-	29	2000	Karulai	
2	Uchakkulam		Tribal	-	32	-	32	3000	Karulai	
3	Manjeeri		Tribal	-	38	-	38	3000	Karulai	
4	Pattakarimbu		Tribal	-	36	-	36	3000	Karulai	
5	Mylampara		Fringe	25	5	35	65	300	Karulai	
6	T.K Colony		Fringe	19	3	178	200	300	Kalikavu	
7	Mannarmala		Fringe	27	-	131	158	184.36	Kalikavu	
8	Vettathur		Fringe	19	-	100	119	108	Kalikavu	
9	Puncha		Fringe	12	7	173	192	300	Kalikavu	
10	Pullengode		Fringe	22	7	434	463	300	Kalikavu	
11	Chokkad		Fringe	25	77	73	175	300	Kalikavu	
12	Emangad		Fringe	8	-	69	77	100	Kalikavu	
13	Amarambalam		Fringe	42	-	111	153	91.20	Kalikavu	
14	Panthira		Fringe	New VSS						
15	Adakkakundu		Fringe							
16	Kalkkundu		Fringe							
Nilambur North FDA					Nilambur North Division					
1	Irulkunnu		Fringe	9	6	110	125	300	Nilambur	
2	Vellimittam		Fringe	24	4	213	241	231	Nilambur	
3	Murukanharam		Fringe	9	-	100	109	300	Nilambur	
4	Adyanpara		Fringe	-	-	214	214	300	Nilambur	
5	Pothukal Haritha		Fringe	44	41	461	546	300	Vazhikadavu	
6	Nelikuthu		Fringe	20	7	279	306	300	Vazhikadavu	
7	Vellakatta		Fringe	54	11	210	275	300	Vazhikadavu	
8	Thanikadavu		Fringe	27	4	310	341	300	Vazhikadavu	
9	Karakode		Fringe	19	18	146	183	300	Vazhikadavu	
10	Mamankara-Marutha		Fringe	5	-	290	295	300	Vazhikadavu	
11	Marutha		Fringe	195	12	1564	1771	300	Vazhikadavu	
12	Kariamuriam		Fringe	40	42	469	551	300	Vazhikadavu	
13	Pullipadam		Fringe	76	44	402	522	500	Edavanna	
14	Odayikkal		Fringe	2	2	232	236	300	Edavanna	
15	Ventekumpoyil		Fringe	15	24	65	104	300	Edavanna	

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgmt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
16	Mundayanthode		Fringe	-	122	-	122	300	Edavanna	
17	Peruvampadam		Fringe	55	67	1008	1130	300	Edavanna	
18	Mampad		Fringe	-	-	170	170	220	Edavanna	
19	Chembra		Tribal	-	29	-	29	500	Nilambur	
20	Malankundu		Tribal	-	11	-	11	2000	Nilambur	
21	Vaniyampuzha		Tribal	-	51	-	51	3000	Nilambur	
22	Appankappu		Tribal	-	146	-	146	3000	Vazhikadavu	
23	Punchakolly		Tribal	-	65	-	65	3000	Vazhikadavu	
24	Cheenkanipalli		Tribal	-	16	54	70	300	Edavanna	
25	Palakayam		Tribal	-	22	-	22	3000	Edavanna	
26	Odakkayam		Tribal	-	140	-	140	200	Edavanna	
27	Vennakkode		Tribal	-	132	-	132	300	Edavanna	
Nemmara FDA				Nemmara Division						
1	Thalikkallu		Tribal	-	30	-	30	500	Alathur	
2	Melarkkode		Fringe	19	-	38	57	116	Alathur	
3	Paithala		Fringe	9	-	10	19	10	Alathur	
4	Moorthykundu		Fringe	11	16	154	181	50	Alathur	
5	Vemballur		Fringe	50	-	162	212	50	Alathur	
6	Kuthanur		Fringe	30	-	116	146	101	Alathur	
7	Vizhumala (Not Functioning)		Fringe	-	-	-	-	-	Alathur	
8	Choolanur		Fringe	29	-	36	65	50	Alathur	
9	Niraganpara		Fringe	20	-	40	60	50	Alathur	
10	Muringamala		Fringe	46	-	153	199	40	Kollengode	
11	Kottamala		Fringe	71	-	179	250	50	Kollengode	
12	Kachithodu		Tribal	30	-	-	30	1000	Kollengode	
13	Thekkady (Not functioning)		Fringe	-	-	-	-	-	Kollengode	
14	Karadikundu		Fringe	42	32	25	99	33.50	Kollengode	
15	Pulliyanthoni		Fringe	44	3	62	109	82.50	Kollengode	
16	Seethargundu		Fringe	-	-	40	40	500	Kollengode	
17	Vellaramkadavu (Not functioning)		Fringe	-	-	-	-	-	Kollengode	
18	Elevanchery		Fringe	15	-	35	50	50	Kollengode	
19	Ayilamudi		Fringe	30	-	15	45	50	Nelliyampathy	
20	Mattayi		Fringe	45	13	62	120	120	Nelliyampathy	
21	Pokkamada		Fringe	10	1	39	50	120	Nelliyampathy	
22	Nelliyampathy		Fringe	-	10	25	35	500	Nelliyampathy	
23	Kalchady (Not functioning)		Tribal	-	-	-	-	-	Nelliyampathy	
Mannarkkad FDA				Mannarkkad Division						
1	Melechavadiyur		Tribal	-	46	-	46	900	Attapady	
2	Manikada		Fringe	10	6	141	157	150	Mannarkkad	
3	Cherumala		Fringe	31	20	167	218	300	Mannarkkad	

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgmt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
4	Achilatty		Fringe	27	21	72	120	200	Mannarkkad	
5	Kacheriparambu		Fringe	27	15	392	438	300	Mannarkkad	
6	Vettilachola		Tribal	-	71	-	71	900	Mannarkkad	
7	Karuvara		Tribal	-	34	-	34	600	Attapady	
8	Dhanyamooru		Tribal	-	59	-	59	900	Attapady	
9	Kallamala		Tribal	-	48	-	48	950	Agali	
10	Singapara		Tribal	-	24	-	24	1500	Agali	
11	Uppukulam		Fringe	15	18	256	289	100	Mannarkkad	
12	Moolakombu		Tribal	-	132	-	132	200	Attapady	
Palakkad FDA				Palakkad Division						
1	Thudikkode		Fringe	47	25	83	110	213	Olavakkode	
2	Dhoni (Not functioning)		Fringe	-	-	-	-	-	Olavakkode	
3	Elival (Newly formed)		Fringe	-	-	-	-	200	Olavakkode	
4	Velencherry		Fringe	20	15	50	85	181	Walayar	
5	Vadyarchalla		Fringe	27	19	26	72	101	Walayar	
6	Nadupathy		Tribal	20	71	41	132	104.50	Walayar	
7	Sasthanagar (Not functioning)		Fringe	-	-	-	-	-	Walayar	
8	Chembaruthimala (Not Functioning)		Fringe	-	-	-	-	-	Walayar	
9	Chembara (Newly formed)		Fringe	-	-	-	-	300	Walayar	
10	Kottekkad (Newly formed)		Fringe	-	-	-	-	300	Walayar	
11	Anakkal (Newly formed)		Fringe	-	-	-	-	300	Walayar	
12	Kullakadanmala		Fringe	40	132	19	191	52	Ottapalam	
13	Kothermanakkad		Fringe	40	20	224	284	135.98	Ottapalam	
14	Anganmala		Fringe	20	-	166	186	150	Ottapalam	
15	Anganmala-Aruvakkode (Not Functioning)		Fringe	-	-	-	-	-	Ottapalam	
16	Anganmala-Malappuram (Not functioning)		Fringe	-	-	-	-	-	Ottapalam	
NORTHERN CIRCLE										
North Wayanad FDA				North Wayanad Division						
1	Papanasini		Fringe	2	34	74	110	300	Begur	
2	Kalinidi		Tribal	0	139	0	139	1000	Begur	
3	Sreesayalam		Tribal	0	161	0	161	750	Begur	
4	Haritha		Tribal	0	333	0	333	600	Begur	
5	Panchatheertham		Tribal	0	80	0	80	2000	Begur	
6	Plamoola		Fringe	0	0	0	0	194	Begur	
7	Makkimala		Tribal	0	90	0	90	850	Begur	
8	Pilakkavu		Fringe	9	17	185	211	285	Begur	
9	Chalil		Fringe	1	39	144	184	200	Mananthavady	
10	Mangalaswery		Fringe	0	75	75	150	200	Mananthavady	

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgmt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
11	Pannippadu		Fringe	0	101	79	180	250	Mananthavady	
12	Perincherimala		Fringe	0	60	63	123	200	Mananthavady	
13	Peria		Tribal	0	60	0	60	3000	Peria	
14	Kunhome		Tribal	0	95	0	95	3000	Peria	
15	Kappattumala		Fringe	0	19	38	57	275	Peria	
16	Churuli		Fringe	0	45	0	45	280	Peria	
17	Pookkottu-Chapparam		Fringe	0	36	115	151	300	Peria	
South Wayanad FDA					South Wayanad Division					
1	Kunduwady		Fringe	0	252	0	252	171	Chedalath	
2	Uthayakkara		Fringe	0	612	535	1147	300	Chedalath	
3	Vattathani		Fringe	5	51	335	391	150	Chedalath	
4	Kelamangalam		Fringe	0	23	132	155	150	Chedalath	
5	Chekadi		Fringe	1	204	98	303	135	Chedalath	
6	Naikuppa		Fringe	0	67	143	210	200	Chedalath	
7	Ayanimala		Fringe	0	15	102	117	200	Chedalath	
8	Pakkamkuruva		Fringe	0	92	45	137		Chedalath	
9	Aranamala		Fringe	0	142	0	142	211	Meppadi	
10	Palchuram		Fringe	0	117	53	170	153	Meppadi	
11	Karukamthodu		Tribal	0	153	0	153	900	Kalpetta	
12	Parathodu		Fringe	15	109	424	548	280	Kalpetta	
13	Thariyodu 8th Mile		Fringe	16	365	883	1264	300	Kalpetta	
14	Varambetta		Fringe	0	50	358	408	280	Kalpetta	
Kozhikkode FDA					Kozhikkode Division					
1	Vilangad		Fringe	0	0	175	175	214	Kuttiyady	
2	Poyilomchal		Fringe	5	0	304	309	174	Kuttiyady	
3	Janakikkad		Fringe	6	2	237	245	131	Kuttiyady	
4	Pannikottor		Fringe	225	0	248	473	250	Peruvannamoozh i	
5	Poozhithodu		Fringe	5	20	197	222	210	Peruvannamoozh i	
6	Kakkayam		Fringe	7	20	161	188	260	Peruvannamoozh i	
7	Kakkad		Fringe	77	89	821	987	135	Thamarasseri	
8	Maruthilavu		Fringe	46	31	278	355	300	Thamarasseri	
9	Kadothikunnu		Fringe	7	33	147	187	280	Thamarasseri	
10	Kolamala		Fringe	23	4	125	152	140	Thamarasseri	
11	Thusharagiri		Fringe	12	0	182	194	200	Thamarasseri	
12	Seethappara		Fringe	49	7	120	176	160	Peruvannamoozh i	
13	Choorathodu		Fringe	22	7	164	193	300	Peruvannamoozh i	
14	Chathampara		Fringe	30	0	133	163	300	Peruvannamoozh i	

Sl. No.	Name of VSS	Reg. No.	Type (Fringe/Tribal)	No. of Family			Total	Mgmt. Area (ha.)	Range	Remarks
				SC	ST	Others				
1	2	3	4	5	6	7	8	9	10	11
15	Vattachira		Fringe					300		
Kannur FDA				Kannur Division						
1	Kattikaje		Fringe	5	46	32	83	173.00	Kasaragod	
2	Payaswini		Fringe	1	0	41	42	160.00		
3	Vaninagar		Fringe	7	18	42	67	174.60		
4	Kanathur		Fringe	5	0	28	33	170.00		
5	Kulathilepara		Fringe	4	16	23	43	174.28		
6	Pandy		Fringe	9	16	17	42	163.00		
7	Ariyil		Fringe	2	1	26	29	185.00		
8	Chamakochi		Fringe	1	26	8	35	190.00		
9	Maruthome		Fringe	0	0	105	105	180.00	Kanhangad	
10	Ranipuram		Fringe	0	0	44	44	139.00		
11	Ottamala		Fringe	0	0	102	102	211.44		
12	Mykkayam		Fringe	0	0	71	71	150.00		
13	Plachikkara		Fringe	7	5	42	54	135.00		
14	Kinannur		Fringe	0	0	42	42	162.53		
15	Paithalmala		Fringe	1	0	31	32	151.00		
16	Vaithalkundu		Fringe	3	5	92	100	150.00	Taliparamba	
17	Anara		Fringe	7	40	143	190	208.81		
18	Kottathalachi		Fringe	1	0	101	102	66.67		
19	Mathilerithattu		Fringe	15	120	385	520	228.00		
20	Adampara		Fringe	12	116	592	720	309.00		
21	Elapeedika		Fringe	5	60	115	180	252.00		
22	Ezhamkadavu		Fringe	0	4	41	45	150.00		
23	Vietnam Colony		Fringe	16	66	418	500	125.00	Kottiyoor	
24	Adakkathode		Fringe	2	41	258	301	150.00		
25	Thudimaram		Fringe	3	15	202	220	150.00		
26	Chathiroor		Tribal	0	38	0	38	400.00		
27	Tholambra		Fringe	1	29	220	250	102.00		
28	Ambayathodu		Fringe	5	60	175	240	100.00		
29	Chikkeri		Tribal	0	160	0	160	350.00		
30	Peruva		Tribal	0	97	0	97	372.00	Kannavam	
31	Chembukkavu		Tribal	0	164	0	164	342.00		
32	Panniyode		Tribal	0	109	0	109	450.00		
33	Kannvam Colony		Tribal	0	109	0	109	368.00		
34	Poiloor		Fringe	5	60	495	560	328.00		

Details of division wise Eco Development Committees (EDC) are given in table 6.17

Table 6.17

Sl. No.	Name of EDC	Reg: No.	Management Area	No. of Families				Range	Remarks
				SC	ST	Others	Total		
THIRUVANANTHAPURAM WILDLIFE DIVISION									
1	Podiyam	8.2.1-1/1999	35 Ha					Peppara	
2	Podiyakkala	8.2.1-3/1999	25 Ha					Peppara	
3	Cherumangal	8.2.1-2/1999	25 Ha					Peppara	
4	Bonaccord	8.2.1-4/2000	30 Ha					Peppara	
5	Chathencode	8.2.1-5/2000	60 Ha					Peppara	
6	Mayam	8.2.2-20/2001	20 Ha					Neyyar	
7	Puttukallu	8.2.2.-21/2001	30 Ha					Neyyar	
8	Puravimala	8.2.2-3/1999	35 Ha					Neyyar	
9	Amala	8.2.2-8/1999	25 Ha					Neyyar	
10	Anakal	8.2.2-11/1999	35 Ha					Neyyar	
11	Kombai	8.2.2-5/1999	70 Ha					Neyyar	
12	Chakkappara	8.2.2-7/1999	15 Ha					Neyyar	
13	Thenmala	8.2.2-4/1999	35 Ha					Neyyar	
14	Vlavetty-1	8.2.2-1/1998	Not available					Neyyar	
15	Vlavetty-2	8.2.2-2/1998	Not available					Neyyar	
16	Karikkuzhy	8.2.2-6/1999	Not available					Neyyar	
17	Kunnathumala	8.2.2-9/1999	Not available					Neyyar	
18	Marakkunnam	8.2.2-12/1999	Not available					Neyyar	
19	Villuchari	8.2.2-19/2000	Not available					Neyyar	
20	Kappukadu	8.2.2-10/1999	Not available					Neyyar	
21	Chemboor	8.2.2-13/1999	Not available					Neyyar	
22	Koliyakkodu	8.2.2-14/1999	Not available					Neyyar	
23	Karumamkular	8.2.2-18/2000	Not available					Neyyar	
24	Manjakkunnu	8.2.2-22/2002	Not available					Neyyar	
25	Parathi	8.2.2-16/2000	Not available					Neyyar	
26	Thonduchira	8.2.2-15/2000	Not available					Neyyar	
27	NET EDC	8.2.2-23/2003	Not available					Neyyar	

Sl. No.	Name of EDC	Reg: No.	Management Area	No. of Families				Range	Remarks
				SC	ST	Others	Total		
SCHENDURNEY WILDLIFE DIVISION									
1	Nellikunnu	8-1-1-1/02	200 ha					Shendurney	
2	Eassamukku	8-1-2-1/02	200 ha					Shendurney	
3	Elavummoodu	8-1-3-1/02	200 ha					Shendurney	
4	Ambalammukku	8-1-4-1/02	200 ha					Shendurney	
5	Kattilappara	8-1-5-1/02	200 ha					Shendurney	
6	Thenmala Dam	8-1-6-1/02	100 ha					Shendurney	
7	Parappan	8-1-7-1/02	100 ha					Shendurney	
8	Neduvannoorkadavu	8-1-8-1/02	100 ha					Shendurney	
9	Kallar	8-1-9-1/02	100 ha					Shendurney	
10	SET EDC	8-1-10-1/05	-					Shendurney	
11	Thenmala MSL	8-1-11-1/06	Just formed					Shendurney	
ARALAM WILDLIFE DIVISION									
1	Pookkundu tribal EDC	3/9/2002	2000					Aralam	
2	Kariyankappu- Chavachi tribal EDC	1/9/2002	2000					Aralam	
3	Vatumukku-Muttumatti tribal EDC	2/9/2002	2000					Aralam	
WAYANAD WILDLIFE DIVISION									
1	Puthur, Man animal conflict Mitigation EDC	1/1/2002	4 Km fencing					Noolpuzha Section/Muthanga	
2	Kundur Man animal conflict Mitigation EDC	2/1/2002	3 Km fencing					Noolpuzha Section/Muthanga	
3	Karassery, Man animal conflict Mitigation EDC	3/1/2002	4 Km fencing					Kallur Section/Sulthan Bathery	
4	Kottandoe, Man animal conflict Mitigation EDC	4/1/2002	5 Km fencing					Kallur Section/Sulthan Bathery	
5	Muthanga Tourist Guide EDC	5/1/2002	Tourizm zone in Muthanga Range					Muthanga	
6	Tholpetty Tourist Guide EDC	6/1/2002	Tourizm zone in Tholpetty Range					Tholpetty	
7	Vandikkadavu Man animal conflict Mitigation EDC	1/1/2005	1 Km fencing					Vandikkadavu Section/Kurichiat	
8	Kannarampuzha Man animal conflict Mitigation EDC	2/1/2005	2 Km fencing					Vandikkadavu Section/Kurichiat	
9	Amarakuni Man animal conflict Mitigation EDC	3/1/2005	1 Km fencing					Vandikkadavu Section/Kurichiat	
10	Pazhery, Man animal conflict Mitigation EDC	4/1/2005	4th mile to Pazhery 4.5 Km					Vandikkadavu Section/Kurichiat	
11	Chettiyalakoore fire protection EDC	7/1/2002	300 Ha					Muthanga	

Sl. No.	Name of EDC	Reg: No.	Management Area	No. of Families				Range	Remarks
				SC	ST	Others	Total		
12	Kundur fire protection EDC	8/1/2002	300 Ha					Muthanga	
13	Putur fire protection EDC	9/1/2002	200 Ha					Muthanga	
14	Pulithookky fire protection EDC	10/1/2002	300 Ha					Muthanga	
15	Thoottamoola fire protection EDC	11/1/2002	300 Ha					Muthanga	
16	Anacamp fire protection EDC	12/1/2002	300 Ha					Muthanga	
17	Thakarappady fire protection EDC	13/2002	300 Ha					Muthanga	
18	Ponkuzhi Kattunaika fire protection EDC	14/2002	600 Ha					Sulthan Bathery	
19	Rampally, Alathue, Manmadanmoola fire protection EDC	15/2002	650 Ha					Sulthan Bathery	
20	Pilakkavu 1st and 2nd fire protection EDC	16/2002	800 Ha					Sulthan Bathery	
21	Kurichiat fire protection EDC	17/2002	650 Ha					Kurichiat	
22	Karipoor fire protection EDC	18/2002	650 Ha					Kurichiat	
23	Pokilamalam fire protection EDC	19/2002	350 Ha					Kurichiat	
24	Pullumala fire protection EDC	20/2002	350 Ha					Kurichiat	
25	Manalmoola fire protection EDC	21/2002	300 Ha					Kurichiat	
26	Thenkuzhuy fire protection EDC	22/2002	300 Ha					Kurichiat	
27	Poovanchi fire protection EDC	23/2002	300 Ha					Kurichiat	
28	Kommenchery fire protection EDC	24/2002	300 Ha					Kurichiat	
29	Amma Vayal fire protection EDC	25/2002	300 Ha					Kurichiat	
30	Thirulkunnu fire protection EDC	26/2002	500 Ha					Tholpetty	
31	Neduthana fire protection EDC	27/2002	800 Ha					Tholpetty	
32	Bavali fire protection EDC	28/2002	1000 Ha					Tholpetty	
33	Dasnakatta fire protection EDC	29/2002	1000 Ha					Tholpetty	

SILENT VALLEY WILDLIFE DIVISION								
1	Silent Valley National Park	1/1/2006						SVNP
PARAMBIKULAM WILDLIFE DIVISION								
1	Sungam Colony	4/2001-02	8026.92					Sungam
2	Kadas Colony	1/2001-02	1720.54					Parambikulam
3	Vth Colony	2/2001-02	1720.54					Parambikulam
4	PAP Colony	3/2001-02	1720.54					Parambikulam
5	Poopara Colony	7/2001-02	3418.84					Karimala
6	Earthdam	5/2001-02	3418.84					Karimala
7	Kuriyarkutty Colony	6/2001-02	7176.08					Orukomban
PEECHI WILDLIFE DIVISION								
1	Chimmony EDC	1/2/2003	Not available					Chimmony
2	Peechi Reservoir Fisherman EDC	8/5/2006	Not available					Peechi
IDUKKI WILDLIFE SANCTUARY								
1	Thattekkadu-1 (General)	Not available	Not available					Not available
2	Thattekkadu-2 (Haritha)	Not available	Not available					Not available
3	Watchers EDC	Not available	Not available					Not available
4	Urulanthanny-1	Not available	Not available					Not available
5	Urulanthanny-2	Not available	Not available					Not available
6	Memary	7.7.2-4/200	Not available					Not available
7	Kollathikkavu	7.7.2-3/200	Not available					Not available
8	Kathitheppan	7.7.2-2/200	Not available					Not available
9	Kizhukanam	7.7.2-5/200	Not available					Not available
10	Vakkathi-Bheemanchuvadu	7.7.2-8/200	Not available					Not available
11	Kannampady	7.7.2-11/200	Not available					Not available
12	Punnapara	7.7.2-1/200	Not available					Not available
13	Thekkuthottam	7.7.2-6/200	Not available					Not available
14	Mulla	7.7.2-7/200	Not available					Not available
15	Kothapara	7.7.2-9/200	Not available					Not available
16	Kumarikulam	7.7.2-10/200	Not available					Not available
17	Kuvalattam	7.7.2-12/200	Not available					Not available
MUNNAR WILDLIFE DIVISION								
1	Malabar Elappoo EDC	1-680/04	Eravikulam N.P.					Ervaikulam National Park
2	Parakkudi EDC	Not available	Not available					Ervaikulam National Park
3	Nooradikudi EDC	Not available	Not available					Ervaikulam National Park
4	Lakkomkudi EDC	Not available	Not available					Ervaikulam National Park
5	Watchers EDC	Not available	Not available					Ervaikulam National Park
6	Drivers EDC	Not available	Not available					Ervaikulam National Park
7	Vendors EDC	Not available	Not available					Ervaikulam National Park

8	Iruttalakudy EDC	Not available	Not available					Chinnar Wildlife Sanctuary	
9	Eachampetty EDC	Not available	Not available					Ervaikulam National Park	
10	Alampetty EDC	Not available	Not available					Ervaikulam National Park	
11	Vellakalkudy EDC	Not available	Not available					Ervaikulam National Park	
12	Puthukudy EDC	Not available	Not available					Ervaikulam National Park	
13	Olikudy EDC	Not available	Not available					Ervaikulam National Park	
14	Ollavayalkudy EDC	Not available	Not available					Ervaikulam National Park	
15	Thayannankudy EDC	Not available	Not available					Ervaikulam National Park	
16	Champakkad EDC	Not available	Not available					Ervaikulam National Park	
17	Palapetty EDC	Not available	Not available					Ervaikulam National Park	
18	Mangappara EDC	Not available	Not available					Ervaikulam National Park	
PERIYAR WEST WILDLIFE DIVISION									
1	Sathram	Not available	Not available					Azhutha	
2	Cylon Coloney	Not available	Not available					Azhutha	
3	Kuttikkayam	Not available	Not available					Azhutha	
4	Kandamkayam	Not available	Not available					Azhutha	
5	Nambupara	Not available	Not available					Azhutha	
6	Thadithodu	Not available	Not available					Azhutha	
7	Kuzhimavu-I	Not available	Not available					Azhutha	
8	Kuzhimavu-II	Not available	Not available					Azhutha	
9	Moozhikkal	Not available	Not available					Azhutha	
10	Koruthodu	Not available	Not available					Azhutha	
11	Aanakkallu	Not available	Not available					Azhutha	
12	Kalakketty-I	Not available	Not available					Pamba	
13	Kalakketty-II	Not available	Not available					Pamba	
14	Mookkampetty-I	Not available	Not available					Pamba	
15	Mookkampetty-II	Not available	Not available					Pamba	
16	Ezhukumon-I	Not available	Not available					Pamba	
17	Ezhukumon-II	Not available	Not available					Pamba	
18	Azhuthamunni	Not available	Not available					Pamba	
19	Arattukayam-I	Not available	Not available					Pamba	
20	Arattukayam-II	Not available	Not available					Pamba	
21	Angelvalley-I	Not available	Not available					Pamba	
22	Angelvalley-II	Not available	Not available					Pamba	
23	Angelvalley-III	Not available	Not available					Pamba	
24	Angelvalley-III	Not available	Not available					Pamba	
25	Moolakkayam-I	Not available	Not available					Pamba	

26	Moolakkayam-II	Not available	Not available					Pamba	
27	Kisumam-I	Not available	Not available					Pamba	
28	Kisumam-II	Not available	Not available					Pamba	
29	Attathodu-I	Not available	Not available					Pamba	
30	Attathodu-II	Not available	Not available					Pamba	
31	Attathodu-III	Not available	Not available					Pamba	
32	Azhuthakadavu	Not available	Not available					Pamba	
33	Kallidamkunnu	Not available	Not available					Pamba	
34	Puthusseri	Not available	Not available					Pamba	
35	Cheriyavattom	Not available	Not available					Pamba	
36	Vallithodu	Not available	Not available					Azhutha	
37	Vallaramchetta	Not available	Not available					Azhutha	
PERIYAR EAST WILDLIFE DIVISION									
1	Mannakudi-I	Not available	Not available					Not available	
2	Mannakudi-II	Not available	Not available					Not available	
3	Mannakudi-III	Not available	Not available					Not available	
4	Paliyakudi	Not available	Not available					Not available	
5	Kollampattada Vanitha	Not available	Not available					Not available	
6	Thekkady Old & New Checkpost	Not available	Not available					Not available	
7	Thaching grass & Fuelwood collectors	Not available	Not available					Not available	
8	Kurisumala-I	Not available	Not available					Not available	
9	Kurisumala-II	Not available	Not available					Not available	
10	Gandhi Nagar	Not available	Not available					Not available	
11	Spring Valley	Not available	Not available					Not available	
12	Kollampattada-I	Not available	Not available					Not available	
13	Kollampattada-II	Not available	Not available					Not available	
14	Kollampattada-III	Not available	Not available					Not available	
15	Kollampattada-IV	Not available	Not available					Not available	
16	Chottupara	Not available	Not available					Not available	
17	Staff EDC, Thekkady	Not available	Not available					Not available	
18	Mullayar	Not available	Not available					Not available	
19	PETS Thekkady	Not available	Not available					Not available	
20	TT EDC	Not available	Not available					Not available	
21	Ex Vayana	Not available	Not available					Not available	
22	Graziers	Not available	Not available					Not available	
23	Periyar Colony	Not available	Not available					Not available	
24	Vallakkadavu.I	Not available	Not available					Not available	
25	Vallakkadavu.II	Not available	Not available					Not available	
26	Vallakkadavu.III	Not available	Not available					Not available	
27	Vallakkadavu.IV	Not available	Not available					Not available	
28	Vallakkadavu-V	Not available	Not available					Not available	
29	Mattupetty Puthuval EDC	Not available	Not available					Not available	
30	Mattupetty Estate EDC	Not available	Not available					Not available	
31	Cylon ponnagar colony	Not available	Not available					Not available	
32	Vanchivayal	Not available	Not available					Not available	
33	PETS Vallakkadavu	Not available	Not available					Not available	

Encroachment

Circle wise area of encroachment after 01.01.1977 is given in table 6.18

Table 6.18

Sl. No.	Circle	Area (ha.)
1	Southern Circle, Kollam	20.347
2	High Range Circle, Kottayam	1745.334
3	Central Circle, Thrissur	274.212
4	Eastern Circle, Palakkad	3675.332
5	Northern Circle, Kannur	1000.652
6	FDPT, Kottayam	5.000
7	Palakkad (WL)	87.007
	GRAND TOTAL	6807.884

Details of Encroachment of forest area after 01.01.1977 is given in table 6.19

Table 6.19

Sl. No.	Circle	Division	Area (ha.)
1	Southern Circle, Kollam	Ranni	0.931
		Konni	12.100
		Thenmala	7.316
2	High Range Circle, Kottayam	Kottayam	93.580
		Kothamangalam	147.600
		Munnar	1099.650
		Mankulam	404.500
		Marayoor	0.004
3	Central Circle, Thrissur	Malayattoor	127.442
		Thrissur	146.770
4	Eastern Circle, Palakkad	Mannarkad	2694.970
		Nemmara	240.550
		Nilambur North	679.369
		Nilambur South	2.820
		Palakkad	57.623
5	Northern Circle, Kannur	Kannur	9.342
		Kozhikode	104.720
		Wayanad North	249.696
		Wayanad South	636.894
6	FDPT, Kottayam	Idukki WL	5.000
7	Palakkad (WL)	Peechi	81.997
		Aralam	5.010
	Grand Total		6807.884