



Kerala Forest Department

Forest Statistics

2014

KERALA FOREST DEPARTMENT
FOREST STATISTICS 2014

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GENERAL INFORMATION

● <i>Geographical area of State</i>	:	38863 Km ²
● <i>Population of the State (2011 Census)</i>	:	33406061
● <i>Density (persons/Sq Km.)</i>	:	860
● <i>Total Forest Area in the State</i>	:	11309.4754 Km ²
● <i>Total Plantation Area</i>	:	1527.19372 Km ²
● <i>Total EFL Area</i>	:	145.898611 Km ²
● <i>Diversion of Forest Land</i>	:	410.660055 Km ²
● <i>Area of Encroachment</i>	:	54.986182 Km ²
● <i>Scheduled Tribe Population (2011 Census)</i>	:	484839
● <i>Scheduled Caste Population (2011 Census)</i>	:	30,39,573
● <i>No. of Tribal Settlements</i>	:	780
● <i>Settlement Area</i>	:	219.621054 Km ²
● <i>Tribal families (inside Forests)</i>	:	28794
● <i>Per Capita Land (as per 2011 Census)</i>	:	0.116 ha
● <i>Per Capita Forest Land (as per 2011 Census)</i>	:	0.034 ha
● <i>Revenue from Forest (in crores)</i>	:	329.95
● <i>Area under Sanctuaries & National Parks</i>	:	3211.7372 Km ²
● <i>No. of VSSs</i>	:	400
● <i>No. of EDCs</i>	:	190
● <i>Height of Peaks in Kerala</i>		
● <i>Anamudi</i>	:	2694 m
● <i>Agastyarkoodam</i>	:	1868 m

CHAPTER -I
FOREST AREA

The forest area under the Administrative charge of Forest Department is 11309.4754km² at the close of the year 2013-2014 and forms 29.10% of the total geographical area of Kerala state (38863 km²).

Distribution of forest area according to Legal Status is given in Table 1.1.

Table 1.1-Distribution of Forest Area according to Legal Status (Km²)

Reserve Forest	Proposed Reserve	Vested Forest+EFL	Total
9176.3026	295.3781	1837.7957	11309.4754
81.14%	2.61 %	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.

EFL:

‘Ecologically Fragile Land’ means any portion of land held by any person and lying contiguous or encircled by a reserve forest or vested forest or any other forest land owned by the Government and predominantly supporting natural vegetation; and any land declared to be EFL by the Government by notification in the official Gazette under Section 4 of Kerala Forest Act.

Division wise distribution of Forest Area in charge of Kerala Forest Department according to legal status at the close of the year 2013-2014 is given in Table 1.2.

Table 1.2-Division-wise area of forest as on 31.03.2014 (Km²)

Sl No.	Division	Reserve Forests	Proposed Reserve	Vested Forest+EFL	Total	% of 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	440.4900	175.2750	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		1488.6541	222.5350	34.6506	1745.8397	15.44
Central Circle, Thrissur						
12	Vazhachal	413.9440	-	-	413.9440	3.66
13	Chalakudy	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	1609.4764	14.23
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	1737.5937	15.37

Sl No.	Division	Reserve Forests	Proposed Reserve	Vested Forest+EFL	Total	% of total
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	121.3702	0	65.2014	186.5716	1.65
25	Kasaragode	86.0221	0	33.7083	119.7304	1.06
	Total	431.9542	44.9643	682.5290	1159.3581	10.25
Agasthyavanam Biological Park						
26	Thiruvananthapuram (WL)	212.0000	-	-	212.0000	1.87
27	Shenthuruni	166.4200	-	4.5800	171.0000	1.51
	Total	378.4200	-	4.5800	383.0000	3.38
Field Director (Project Tiger), Kottayam						
28	Periyar East	618.0000	-	-	618.0000	5.46
29	Periyar West	157.0000	-	-	157.0000	1.39
30	Munnar	276.8450	-	-	276.8450	2.45
31	Idukki	130.5240	-	-	130.5240	1.15
	Total	1182.3690	-	-	1182.3690	10.45
Wildlife Circle, Palakkad						
32	Parambikulam	274.1408	-	-	274.1408	2.42
33	Wayanadu (WL)	344.4400	-	-	344.4400	3.05
34	Silent Valley	154.3800	-	83.1400	237.5200	2.10
35	Peechi	122.0644	3.4200	-	125.4844	1.11
36	Aralam	22.3572	-	32.6428	55.0000	0.49
	Total	917.3824	3.4200	115.7828	1036.5852	9.17
	Grand Total	9176.3016	295.3781	1837.7957	11309.4754	

Note:-Reconciliation process on forest area is being done.Above figures furnished are subject to minor variations in the process.

Table 1.3-Classification of forest types as on 31.3.2014

Sl No.	Type	Area (Km²)	% of total
1	Tropical Wet Evergreen and Semi Evergreen	3877.4413	34.29
2	Tropical Moist Deciduous	3615.9840	31.97
3	Tropical Dry Deciduous	391.3636	3.46
4	Montane Sub-tropical Temperate shoals	386.4210	3.42
5	Plantations	1527.1937	13.50
6	Grass Lands	501.0865	4.43
7	Others	1009.9853	8.93
	Total	11309.4754	

The distribution of forest area according to utilization is given below in Table 1.4.

Table 1.4-Classification of forest area according to utilization as on 31.03.2014

Sl No.	Mode of utilization	Area (Km²)	% of total
1	Dense Forests / Degraded Forest	8775.6517	77.60
2	Plantation	1527.1937	13.50
3	Area under lease	595.97	5.27
4	Forest land diverted under FCA	410.66	3.63
	Total	11309.4754	

Range wise area of forest under each division is given in Table 1.5.

Table 1.5- Range wise area of forest as on 31.03.2014

Sl No.	Division/Range	Area (Km²)
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

Sl No.	Division/Range	Area (Km²)
Total		131.1670
3	Achancovil	
6	Achancovil	88.9550
7	Kallar	78.9890
8	Kanayar	116.5940
Total		284.5380
4	Ranni	
9	Ranni	136.2367
10	Goodrikkal	653.9673
11	Vadasserikkara	268.8600
Total		1059.0640
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	12.15310
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
9	Marayoor	
25	Marayoor	41.0410

Sl No.	Division/Range	Area (Km²)
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	Vellikulangara	108.4009
Total		279.7098
14	Malayattoor	
40	Kalady	72.5149
41	Kodanadu	56.7410
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

Sl No.	Division/Range	Area (Km²)
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	59.6707
55	Karulai	265.6076
Total		325.2782
19	Palakkad	
56	Olavakkode	80.1408
57	Walayar	121.8025
58	Ottappalam	33.5514
Total		235.4947
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

Sl No.	Division/Range	Area (Km²)
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	81.3164
73	Thalipparamba	21.2659
Total		186.5716
25	Kasaragode	
74	Kanjangad	59.3725
75	Kasaragode	60.3579
Total		119.7304
Wildlife Divisions		
26	Thiruvananthapuram	
76	ABP, Kottoor	31.0000
77	Neyyar Sanctuary	128.0000
78	Peppara Sanctuary	53.0000
Total		212.0000
27	Shenduruney	
79	Shendurney Sancutuary	171.0000
Total		171.0000
28	Periyar East ,Thekkady	
80	Periyar	376.0000
81	Thekkady	99.0000
82	Vallakkadavu	143.0000
Total		618.0000
29	Periyar West, Peerumedu	
83	Pampa	90.0700
84	Azhutha	66.9300
Total		157.0000

Sl No.	Division/Range	Area (Km²)
30	Idukki	
85	Idukki	105.3640
86	Thattekkad	25.1600
Total		130.5240
31	Parambikulam	
87	Sunkom	81.7508
88	Parambikulam	52.1800
89	Orukkomban	71.8370
90	Karimala	68.3730
Total		274.1408
32	Wayanad	
91	Tholpetty	77.6700
92	Kurichiyatt	106.4500
93	Muthanga	74.2900
94	Bathery	86.0300
Total		344.4400
33	Silent Valley	
95	Silent Valley National Park	143.5200
96	Bhavani	94.0000
Total		237.5200
34	Munnar	
97	Eravikulam National Park	97.0000
98	Chinnar Wild Life Sanctuary	90.4420
99	Mathikettan Shola National Park	12.8100
100	Anamudi Shola National Park	32.8400
101	Pampadum Shola National Park	11.7530
102	Kurinjimala Sanctuary	32.0000
Total		276.8450
35	Peechi	
103	Peechi	40.4174
104	Chimmini	85.0670
Total		125.4844
36	Aralam	
105	Aralam	55.0000
Total		55.0000
Grand Total		11309.4754

District wise forest area

District wise forest area (approx), as on 31.03.2014 is shown in Table 1.6.

Table 1.6-District wise forest area as on 31.03.2014

Sl No.	District	Area (Km ²)
1	Thiruvananthapuram	463.8341
2	Kollam	840.5672
3	Pathanamthitta	1533.7937
4	Kottayam	100.8450
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	241.5716
13	Kasaragode	119.7304
Total		11309.4171

Table 1.7- District wise forest area (approx) by legal status as on 31.03.2014(Km²)

Sl No.	Division	Reserve Forest/ Proposed Reserve	Vested Forest + EFL	Total (Km ²)
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
	Achencoil	62.8158	0.2082	63.0240
	Shendurney	166.4200	4.5800	171.0000
	Total	827.8750	12.6922	840.5672

Sl No.	Division	Reserve Forest/ Proposed Reserve	Vested Forest + EFL	Total (Km ²)
3	Pathanamthitta			
	Konni	253.2740		253.2740
	Ranni	1057.4960	1.5680	1059.0640
	Achencoil	221.4557		221.4557
	Total	1532.2257	1.5680	1533.7937
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	0.0670	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	2679.0720	34.6506	2713.7226
7	Thrissur			
	Thrissur	293.7430	4.3137	298.0567
	Malayattoor	2.6748		2.6748
	Chalakkudy	279.7098		279.7098
	Vazhachal	318.8460		318.8460
	Peechi	123.4644		123.4644
	Total	1018.4380	4.3137	1022.7517
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

Sl No.	Division	Reserve Forest/ Proposed Reserve	Vested Forest + EFL	Total (Km ²)
	Silent Valley (WL)	154.3800	83.1400	237.5200
	Peechi	2.0200		2.0200
	Total	860.2000	667.1564	1527.3564
9	Malappuram			
	Nilambur South	267.3894	57.8888	325.5200
	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	121.3702	65.2014	186.5716
	Aralam (WL)	22.3572	32.6428	55.0000
	Total	143.7275	97.8442	241.5716
13	Kasaragode			
	Kasaragode	86.0221	33.7083	119.7304
	Total	86.0221	33.7083	119.7304
	Grand Total	9471.6215	1837.7957	11309.4171*

* Difference due to an area of 0.0583Km² because of the forest lands available in Nenjangud, Mysore and Pollachi which are outside the territorial boundaries of Kerala.

Diversion of Forest Land

A total area of 410.6600554Km² has been allotted to different agencies for non forestry purposes as per FCA 1980 are summarised in Table 1.8.

Table 1.8-Details of area allotted to different agencies

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, Edamalar- Chalakudy	08/08/1982F RY (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
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

SI No.	Utilisation	Govt Order	Date	Consumer	Area (ha)
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
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

Sl No.	Utilisation	Govt Order	Date	Consumer	Area (ha)
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 Thevarmala	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
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/11.2/3R C/KER	20/08/1991	PWD	0.0620
65	Women industrie unit in Ambalappad	FCA/12.2/5B C/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/D WS/48	13/03/1995	PHED	3.3570
78	H.E.P. Bhooththankettu	FCA	14/03/1995	K S E B	1.9600

SI No.	Utilisation	Govt Order	Date	Consumer	Area (ha)
		11.2/HP/KER			
79	C.S.I Church at Vilakkuvettam	FCA 11.2/KER/59 /MISC	26/07/1995	CSI	0.4040
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 Thayyoor	FCA 11.2/KER/64 /IP/244	30/08/1995	Irrigation Department	0.0880
82	Mullungal small H.E.P	FCA 11.2/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	FCA 11.2/KER /77/RC/303	13/01/1997	District Ad.Pathana mthitta	0.1430
89	Idamalayar Irrigation Project	8-324/88 FC	10/07/1997	Irrigation Department	115.0470
90	Chalakkayam-Pampa Road Windening	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
98	Rubber Clection at Thrissur Circle	FCA 16.1/64/KER	22/01/1999	Forest Department	29.7300

Sl No.	Utilisation	Govt Order	Date	Consumer	Area (ha)
99	Sand mining from 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 Pewringassery	FCA/11.2/KE R/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	Panchayat	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 to Nayattukundu 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/KE R/TL/465	29/05/2000	K S E B	0.0180
111	Shenkulakm augmentation Scheme	FCA 16.1/61/IP/KER	09/08/2000	K S E B	5.1550
112	Anamala-Peryachola Road	FCA 11.2/103/KE R/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	Panchayat	1.1500
117	Thekkumkara Panchayat	FCA 11.2/104/KE R/MISC	10/01/2001	Panchayat	0.0490
118	Idathara-Kattachikkadavil Bridge	FCA 11.2/105/KE R/3304	10/01/2001	PWD	0.0490
119	Gas Pipe line at Kavasseri	FCA 11.2/99/KER/MISC	15/02/2001	Petronet	0.7580
120	Meenmutty Lower shep	FCA 11.2/107/KE R/HEP/36679	22/02/2001	K S E B	0.2650

SI No.	Utilisation	Govt Order	Date	Consumer	Area (ha)
121	CWS Malampuzha	FCA 11.2/98/KER /DWS/3795	02/03/2001	Pancayat	0.0950
122	Construction of MCHR at Idamalayar	FCA 11.2/106/KE R/MISC.929	08/03/2001	K S E B	2.5700
123	Electric Transmission Line at Malayattoor	FCA 11.2/94/KER /TL/4021	27/03/2001	K S E B	0.1480
124	Water Distribution Project at Koodal & Enadimangalam	FCA 11.2/4/DWS/ KER/4022	27/03/2001	Kerala Water Authority	0.0120
125	Water Distribution Project at madskkathara Panchayat	FCA 11.2/102/KE R/DWS/350	20/05/2001	Kerala Water Authority	0.2380
126	Sand mining from Southern Circle	FCA 11.6/KER/MI N/827	20/07/2001	Forest Department	10.4520
127	Development of HEP kutyady	FCA 16.1/63/KER /HEP/1266	20/09/2001	K S E B	11.2000
128	Electric Line at Palode	FCA/11.2/10 9/KER/1265	20/09/2001	K S E B	0.0780
129	Kerala Blind School Muttam	FCA/11.2/92 /KER/BC/14 43	16/10/2001	Kerala Federation of Blind	1.2100
130	11 KVLine at Konni	FCA/11.2/11 1/KER/TL	04/01/2002	K S E B	0.8250
131	400 KV DC Madhura- Tvp	8-9/200-FC	03/04/2002	PGCIL	57.9070
132	Peppeara Chef	FCA/11.2/1/ KER/275	10/05/2002	K S E B	0.3000
133	Nilakkal UG Cable	GO(Rt)206/02	06/07/2002	K S E B	0.0330
134	Construction of Underground Pipe Line	GO(Rt)207/02 /F&WL	06/07/2002	Kerala Water Authority	0.0110
135	Mundakkayam- Koruthodu Road	FCA/11.2/11 4/KER/RC/7 93	19/07/2002	PWD	0.8570
136	Bridge at Vellilappara	FCA/11.2/11 5/KER/RC/1 296	30/09/2002	PWD	0.7000
137	KFRI	FCA/11.2/11 7/KER/MISC	17/03/2003	KFRI	
138	Renewal of Agreement with RPL	8-27/01/FC	22/04/2003	RPL	2193.7700
139	Cherry Stream	FCA/11.2/11 9/KER/HEP/ 980	12/08/2003	K S E B	0.0600
140	Rehablilitation of Tribals	F.8-16/2002 FC	06/02/2004	State Govt	7693.226
141	Footpath in Keezhayam	FCA/11.2/11 2/KER/MISC /339	19/05/2004	BDO	0.0297
142	Arrangement in Kallar	FCA/11.2/12 4/KER/MISC /653	22/06/2004	Kerala Water Authority	0.0420
143	Kinginithodu- Pothumattom road	FCA/11.2/11 8/KER/RC/6	23/06/2004	Pancayat	0.1800

Sl No.	Utilisation	Govt Order	Date	Consumer	Area (ha)
		75			
144	Microwave Tower at Vythiry	FCA/11.2/112/KER/1007	21/07/2004	Escotel Communication	0.0400
145	Chalakkudy-Vazhachal Link road	FCA/11.2/127/KER/RC/1220	16/08/2004	PWD	0.5820
146	Police Station, Kannavom	FCA/11.2/121/KER/MISC	08/09/2004	Police Department	0.1090
147	Development in Kuttyadi	FCA/16.1/KE R/HEP/68	13/01/2005	K S E B	1.6500
148	Construction of underground ElectricCable at Cherukara	GO(Rt)61/05/F&WL	29/01/2005	K S E B	0.0120
149	Construction of underground LT cable	GO(Rt)62/05/F&WL	29/01/2005	K S E B	0.0210
150	Construction of underground Electric Cable at Agasthyamala Biosphere	GO(Rt)145/05/F&WL	15/03/2005	K S E B	0.1210
151	underground ElectricCable at Nedumpacha	GO(Rt)160/05/F&W L	21/03/2005	K S E B	0.0717
152	Electric Line to Nathickal Settlement in Anchal Range	GO(Rt)220/05/F&WL	06/04/2005	K S E B	0.1040
153	Construction of Check dam across Chittar River	GO(Rt)222/05/F&W L	07/04/2005	Pulpally Grama Panchayat	0.0480
154	underground Cable to Kadamanpara Settlement	GO(Rt)314/05/F&WL	06/06/2005	K S E B	0.0240
155	Construction of Wells&Pumphouse	GO(Rt)315/05/F&W L	06/06/2005	Pulpally Grama Panchayat	0.0202
156	Parking Area at Nilakkal	GO(Rt)/05/F. 8-30/2005 FC	07/06/2005	Travancore Devaswom Board	110.5240
157	Construction of Wells,Pumphouse &Distribution Line	GO(Rt)332/05/F&WL	14/06/2005	JNS	0.0230
158	underground ElectricCable at Cherukara	GO(Rt)359/05/F&WL	25/06/2005	K S E B	0.0120
159	Palakappandy Project	4-KLB 069/05 BAN	29/06/2005	Irrigation Department	3.3750
160	Cnstruction of Elecric Line in Kuttichal Grama Panchayat	GO(Rt)384/05/F&WL	11/07/2005	K S E B	0.1936
161	Kariyathanpara Water Supply Scheme	GO(Rt)468/05/F&W L	27/08/2005	Team Leader	0.0253
162	Diversion from Periyar Tiger Reserve	F 8-70/2005,FC Govt of India New Delhi	12/09/2005	Travancore Devaswom Board	12.6750
163	Sangamom Water Supply Scheme	GO(Rt)510/05/F&WL	19/09/2005	Team Leader KRWS	0.0027

SI No.	Utilisation	Govt Order	Date	Consumer	Area (ha)
164	Farm Tourism Project	FCA/11.2/121/KER/MISC	23/09/2005	PCK	2.0000
165	Swimming Pool Development in Nanniyodu Panchayat	GO(Rt)596/05/F&WL	01/10/2005	Grama Panchayat	0.0091
166	Electrification at Nilakkal	GO(Rt)618/05/F&WL	16/11/2005	K S E B	0.2100
167	Electrification at Chempanaruvi Colony	4-KLB 070/05/BAN	24/11/2005	K S E B	3.8800
168	Construction of Check dam across Chittar River	GO(Rt)662/05/F&WL	07/12/2005	TBGRI	0.0004
169	Electrification at Valiyarappacha	GO(Rt)668/05/F&WL	08/12/2005	K S E B	0.1850
170	Renovation of Pampa Kakki Irrigation Project	KLB-026/2004-BAN	27/12/2005	Irrigation Department	1.4425
171	Electrification at Chempanaruvi Colony	GO(Rt)3/06/F&WL	02/01/2006	K S E B	0.0065
172	Electrification at Chempanaruvi Colony	GO(Rt)4/06/F&WL	02/01/2006	K S E B	0.0040
173	Construction of underground Electric Cable at Sholayar Range	GO(Rt)80/06/F&WL	08/02/2006	K S E B	0.0080
174	Drinking Water projects in 4 Tribal Colonies	GO(Rt)228/06/F&WL	15/05/2006	Pulpally Grama Panchayat	0.0615
175	Electrification of Micamon Church at Pathanapuram	GO(Rt)300/06/F&WL	19/07/2006	K S E B	0.0040
176	CSI Church at Vallikkunnam	FCA/11.2/KE R/59/MISC	10/08/2006	Bishop CSI Church	0.4040
177	Nenmara-Nelliampathi Road	4-KLB 175/06-BAN	19/10/2006	PWD	4.0469
178	Drinking Water project in Ranni	GO(Rt)349/06/F&WL	19/08/2006	Perunadu Grama Panchayat	0.0270
179	Construction of Electric Line to Nalpatheacre settlement in Ranni	GO(Rt)442/06/F&WL	31/10/2006	K S E B	0.0116
180	Drinking Water project in Ranni	GO(Rt)61/05/F&WL	08/11/2006	Perunadu Grama Panchayat	0.0460
181	Construction of Tele Communication in Ranni	GO(Rt)62/05/F&WL	13/11/2006	BSNL	0.5400
182	Construction of Electric Line in Padavampara Ezhuvattoor Area	GO(Rt)61/05/F&WL	14/11/2006	K S E B	0.0012
183	Construction of Building for School at Seethathode Grama Panchayat	GO(Rt)62/05/F&WL	16/12/2006	Seethathode Grama Panchayat	0.0203
184	Electric Line Through 1969 Teak Plantation	GO(Rt)61/05/F&WL	27/12/2006	K S E B	0.0920
185	Drinking Water project in Thirunelli Grama	GO(Rt)62/05/F&WL	30/12/2006	Kerala Water	0.0850

Sl No.	Utilisation	Govt Order	Date	Consumer	Area (ha)
	Panchayat			Authority	
186	For School Building Pulpalli Grama Panchayat	GO(Rt) 560/06/F&W L	30/12/2006	Pulpally Grama Panchayat	0.0300
187	For drinking water facilities	GO(Rt) No. 211/08/KFD	21/04/2008	KFDC	0.0780
188	400KV Line	4KLB 333/2007- BAN/4135/24 .3.09	24.3.09	PGCIL	1.6238
189	Electrification of Kattachira Kudppanakkunnu Tribal Colony	4KLB529/200 8-BAN Dt.30.4.2009	30.04.09	KSEB	4.9551
190	Electrification of Velamplavu Tribal Colony	4KLB 328/2007- BAN/2825	14.08.08	KSEB	0.3535
191	Electrification of Chelikkuzhi Tribal Colony	GO(Rt) No544/2008/ F&WL	6.11.08	KSEB	0.0400
192	Re-routing 400KV Line Udumalpet Thrissur Near Kuthuran Hills	4KLB 510/2008- BAN/2679/15 .07.08	15.07.08	PGCIL	2.0470
193	Electrification of ChozhiyakodeCompany kunnu Area	GO(Ms)No512 /2008/F&WL D	20.10.2008	KSEB	0.0042
194	Electrification of Cherukarakani Tribal Settlement	GO(Rt) No631/2008/ F&WL23.12.2 008	23.12.2008	KSEB	0.3250
195	Electrification of Attumampuram ST Settlement Colony	GO(Rt) No403/2008/ F&WL	31.07.08	KSEB	0.5250
196	Kakkadumpoyil SC/ST Colony	GO(Rt) No 602/2008/F& WL	9.12.08	KSEB	0.0360
197	Construction of General Water Tank at Karayalar metu	GO(Rt) No345/2008/ F&WLD	10.06.08	KWA	0.0131
198	Electrification of Kurumbanmoozhi- Manakayam Tribal Colony	GO(Rt) No302/2008/ F&WLD	3.07.08	KSEB	0.9495
199	Koodankulam Power Project	4KLB 187/2006- BAN/2149	31.3.08	PGCIL	1.0580
200	Electrification of mukkalampadu area in Chaliakkara Region	GO(Rt) No513/2008/ F&WLD	20.10.2008	KSEB	0.0100
201	Electrification of Vayakkara SC colony	GO(Rt) No508/2009/ F&WLD	03.11.2009	KSEB	0.0915
202	Electrification of Neriyamangalam Kambi line area.	GO(Rt) No58/2010/F &WLD	06.02.2010	KSEB	0.0440
203	For fixing electric line	GO IMoEF No. 4KLC 244/2006	04.10.2007	Powergrid Corporation	10.2300

SI No.	Utilisation	Govt Order	Date	Consumer	Area (ha)
204	Electrification of Kakkapponnu area	GO(Rt)No. 456/08/F&WLD	18.09.2008	KSEB	0.0118
205	Anakkulam-Onthaupacha road	GO(Rt)No. 80/08/F&WLD	11.02.2008	BSNL	0.3150
206	Drinking water supply scheme in KFDC Estate	GO(Rt)No. 211/08/F&WLD	21.04.2008	KWA	0.0780
207	Laying OFC for electrification Elappacode tribal colony	GO(Rt)No.621/08/F&WLD	19.12.2008	KSEB	0.0400
208	Construction of building for Govt. College, Munnar	4/KLB 533/2008-BAN/473	09.06.2009	Edn. Dept.	1.0000
209	Thottiyar Hydro Electric Project	4/KLB 090/2005/BAN/5154	14.07.2009	KSEB	0.9996
210	Installation Telecom tower by BSNL & UG Cable by EB at Vazhachal & Athirappally	4/KLB 642/2009-BAN	25.09.2009	BSNL	0.0028
211	Installation Telecom tower by BSNL & UG Cable by EB at Vazhachal & Athirappally	4/KLB 643/2009-BAN/5677	23.09.2009	KSEB	0.0120
212	Installation Telecom tower by BSNL & UG Cable by EB at Vazhachal & Athirappally	4/KLB 645/2009-BAN/5663	18.09.2009	KSEB	0.0020
213	Installation Telecom tower by BSNL & UG Cable by EB at Vazhachal & Athirappally	4/KLB 644/2009-BAN/5664	18.09.2009	KSEB	0.0120
214	Electrification of Kuryanayam colony	GO(Rt)No.522/09/F&WLD	10.11.2009	KSEB	0.0040
215	Electrification of Thachacodu in Piravanthoor	4/KLB 187/2006-BAN/5927	29.10.2009	KSEB	0.0048
216	Electrification of Vilongady at Polanna in Pathiri RF	GO(Rt)No.380/09/F&WLD	13.08.2009	KSEB	0.3000
217	Electrification of residential building of Sri. Jacob Kuriakose	4/KLB 654/2009-BAN/5384	21.08.2009	KSEB	0.00702
218	Electrification of Njanduthodu colony	GO(Rt)No.523/09/F&WLD	10.11.2009	KSEB	0.0290
219	Allathodu Tribal Colony	GO(Rt)No.346/08/F&WLD	03.07.2008	KSEB	0.8832
220	Electrification of residential home Sri. Jacob Kuriakose	GO(Rt) No104/2010/F&WLD	11.03.2010	KSEB	0.00702
221	Electrification of Daly Karikkom Chathup SC Colony	GO(Rt) No 385/2011/F&WLD	24.08.2011	KSEB	0.131

Sl No.	Utilisation	Govt Order	Date	Consumer	Area (ha)
222	Electrification of Vellilamparappu in kaliyar Range of Konni Division	GO(Rt) No 436/2011/F&WLD	29.09.2011	KSEB	0.0118
223	Fish landing centre at Chaliyar at Beypore Thope	4-KLB 781/2011-BAN/9985	25.10.2011	KI IDC	2.0639
224	Kinginithodu-Pothumattom Road	F(C)A/1.2/118/KER/RC/113	16.11.2011	PWD	0.18
225	Peruvatharamuri Small Hydro Electric Project	4-KLC 107/2006-BAN/9489	10.08.2011	KSEB	6.4795
226	Electrification of Kelankavu Dharbhavana Chathup	GO(Rt) No.522/2011/F&WLD	07.12.2011	KSEB	0.0042
227	Electrification of Kambanodu Chathup in Karumpuzha Grama Panchayath	GO(Rt)No. 35/2012/F&WLD	19.01.2012	KSEB	0.013
228	Electrification through Udumbannur Vannappuram	Go(Rt)No.38/2012/F&WLD	20.01.2012	KSEB	0.74
229	Diversion of forest land for Kochi CNG pipeline project	4-KLB 825/2011-BAN/607	08.02.2012	GAIL	4.33
230	Diversion of land for Thrikkalathur - Veettoor Road	G.O (Rt) No.174/2012/F&WLD	29.03.2012	PWD	0.192
231	Electrification of Arancode in Kannamkundu	4-KLB 811/2011-BAN/1266	29.05.2012	KSEB	0.0563
232	Diversion of land for widening of NH47 Peechi Vazhani Wildlife Sanctuary	4-KLC 844/2011-BAN/1669	07.08.2012	NHAI	13.95
233	Erection of 45 solar lamps in Bhoothathankettu Vadattupara	G.O (Rt) No.406/2012/F&WLD	07.08.2012	KSEB	0.0016
234	Maintenance of Kinginithodu - Pothumattom Road	G.O (Rt) No.430/2012/F&WLD	24.08.2012	PWD	0.18
235	Laying of OFC by BSNL in Kandazhy - Kayanpoovam	G.O (Rt) No.444/2012/F&WLD	07.09.2012	BSNL	0.018
236	Kanamala Bridge in Erumeli Pamapa Road	4- KLB 771/2011 - BAN /186	21.09.2012	PWD	0.542
237	Electrification of residence of Sri.Abdul Vaheed, Chithara in Punalur Division.	GO(Rt)O293/2013/F&WLD	20.08.2013	KSEB	0.00294
238	Construction of Panickankudi-kombodinjal-Ponmudi Road (Beenamol road) in Munnar Divison	4-KLB 898/2012/BA N/4019	20.08.2013	PWD	0.0864

SI No.	Utilisation	Govt Order	Date	Consumer	Area (ha)
239	Construction of 11 KV line from Neduvannurkadavu to Kattilappara in Tenmaia Division	GO(RT) 304/2013/F&WLD	21.08.2013	KSEB	0.96
240	Electric Line to Ambedkar Colony in Thiruvananthapuram Division	GO(RT)306/2013/F&WLD	21.08.2013	KSEB	0.0155
241	Electrification of Sivapuram Harijan Colony in Punalur Division	GO(RT)321/2013/F&WLD	30.08.2013	KSEB	0.018
242	Construction of weir across Kllar rivar in Ranni Division	GO(RT)384/2013/F&WLD	03.09.2013	Water AUTHORITY	0.0479
243	Drawing electric Line in Sasthannada SC Colony in Thiruvananthapuram Division	GO(Rt)454/2013/F&WLD	16.11.2013	KSEB	0.065
244	Electrification of Maruthumoodu Chathup SC Colony in Punalur Division	GO(RT) 475/2013/F&WLD	26.11.2013	KSEB	0.0031
245	Diversion of forest land for installing river guage post in Kuravan puzha river near Valanthodu of Nilambur (Nort)	GO(RT)123/2014/F&WLD	13.03.2014	KSEB	0.000003
Total					41066.00554

EFL Area

District wise Ecologically Fragile Land (EFL) area as on 31.03.2014 is given in Table 1.9.

Table 1.9-District wise Ecologically Fragile Land (EFL) Area

SI No.	District	Area(ha)
1	Thiruvananthapuram	885.26
2	Kollam	273.72
3	Idukki	1411.8199
4	Thrissur	76.5410
5	Palakkad	4999.8710
6	Malappuram	1285.0879
7	Kozhikode	1544.99
8	Wayanad	2961.5422
9	Kannur	488.1291
10	Kasaragode	662.9
Total		14589.8611

Source: EFL Wing

Encroachment

Details of Post 01.01.1977 Encroachment to be evicted (in ha) are given in Table 1.10.

Table 1.10-Details of Post 01.01.77 Encroachment to be evicted

Circle	Encroachment to be evicted as on 31.03.2013	Evicted during 2012-2013	Regularised as per Forest Rights Act	Balance to be Evicted
Southern Circle, Kollam	37.8570	0.6110	220.6693	21.0670
High Range Circle, Kottayam	2068.2600	0	0	2068.2600
Central Circle, Thrissur	387.6914	0	0	387.6914
Eastern Circle, Palakkad	1609.1980	1.8260	0	1607.3730
Northern Circle, Kannur	1405.6777	0	0	1405.6777
FDPT, Kottayam	5.0061	0	0	5.0061
Wildlife Circle (N), Palakkad	3.5430	0	0	3.5430
ABP, Thiruvananthapuram	0	0	0	0
Total	5517.2332	2.4370	220.6693	5498.6182

Forest Cover

The forest cover in the state based on interpretation of Forest Survey of India 2013 is 17922 km² which is 46.12% of the state geographical area. In terms of forest canopy density classes, the state has 1529 km² area under very dense forest, 9401 km² area under moderately dense forest and 6992 km² area under open forest. District wise forest cover in different canopy density classes are given in Table 1.11.

Table 1.11-District wise forest cover in Kerala Area in Km²

Sl No.	District	Geographic Area	2013 assessment				Percent to GA
			Very dense	Moderate dense	Open forest	Total	
1	Thiruvananthapuram	2192	60	719	537	1316	60.04
2	Kollam	2491	100	675	620	1395	56.00
3	Pathanamthitta	2642	158	1216	380	1754	66.39
4	Alappuzha	1414	0	45	68	113	7.99
5	Kottayam	2203	12	534	344	890	40.40
6	Idukki	5019	350	2108	1394	3852	76.75
7	Ernakulam	2407	12	287	399	698	29.00
8	Thrissur	3032	181	447	440	1068	35.22
9	Palakkad	4480	319	685	624	1628	36.34
10	Malappuram	3550	143	421	691	1255	35.35
11	Kozhikode	2344	31	313	346	690	29.44
12	Wayanad	2131	142	1312	322	1776	83.34
13	Kannur	2966	21	344	501	866	29.20
14	Kasaragode	1992	0	295	326	621	31.17
State Total		38863	1529	9401	6992	17922	46.12

Note: The table reveals that there is an increase in forest cover to the extent of 622 km² as compared to previous assessment which is mainly due to afforestation activities of State Forest Department and due to the inclusion of some areas which could not be captured in the previous assessment.

Source: FSI 2013

National Scenario

The total forest cover of the country as per the State of Forest Report 2013 is 697898 km², which constitutes 21.23 percent of the total geographical area (3287263km²) of the country. Of this, 83502km² (2.54%) is very dense forest, 318745km² (9.70%) is moderately dense forest and 295651km² (8.99%) is open forest cover. The mangrove cover in the country is 4628km² which is 0.14% of the country's geographical area. The non-forest cover which includes 41383km² scrubs and is estimated to cover an area of 2,589365 km² (78.77%).

Source: FSI 2013

CHAPTER – II
FOREST PLANTATIONS

Plantation Area

The total Plantation area under Kerala Forest Department as on 31.03.2014 is 152719.372 ha, which comes to 13.5% of the total forest area. The distribution of plantation area (category-wise) of species is given in Table 2.1.

Table 2.1-Distribution of Plantation Area (Species-wise)

Sl No.	Plantation	Area(ha)	%
1	Hardwood	86862.979	56.878
2	Softwood	11930.03	7.812
3	Others	45302.335	29.664
4	Bamboo, Cane & Reeds	8246.839	5.399
5	Mangrove	377.189	0.247
Total		152719.372	

Table 2.2-Divisionwise area of Plantation (category-wise) as on 31.03.2014(Area in ha)

Sl No.	Division	Hard Wood	Soft Wood	Others	Bamboo, Cane and Reeds	Mangroves	Total
1	Thiruvananthapuram	4345.418	376.976	1108.217	205.7	0	6036.311
2	Thenmala	2505.82	465.81	574.71	0	0	3546.34
3	Punalur	3649.990	657.900	1249.156	176.35	0	5733.396
4	Achenkovil	2790.372	0	1774.342	794.971	0	5359.685
5	Ranni	3755.455	0	2864.581	506.552	0	7126.588
6	Konni	8376.354	32.48	408.18	882.900	0	9699.914
7	Kottayam	2283.454	85.54	962.067	191.900	0	3522.961
8	Munnar	790.524	4399.2	1272.210	579.36	0	7041.294
9	Kothamangalam	4756.065	304.04	1137.387	236.850	0	6434.342
10	Marayoor	100	821.34	152.5	90.8	0	1164.64
11	Mankulam	42.25	101.000	214.63	135.25	0	493.130
12	Malayattoor	5959.1	493.123	2672.995	79.1	0	9204.318
13	Vazhachal	3933.87	479.51	2871.780	330.940	0	7616.100
14	Chalakkudy	4454.050	107.8	1031.84	38.6	0	5632.290
15	Thrissur	2771.500	458.15	6381.770	696.86	0	10308.280
16	TS Perumbavoor	61.49	0	0	0	0	61.49
17	Nenmara	1976.293	146.540	2461.982	360.790	0	4945.605

Sl No.	Division	Hard Wood	Soft Wood	Others	Bamboo, Cane and Reeds	Mangroves	Total
18	Palakkad	1892.420	108.82	1390.410	173.43	0	3565.080
19	Mannarkkad	569.11	143.92	640.030	35	0	1088.060
20	Nilambur (South)	4603.767	0	436.32	0	0	5040.087
21	Nilambur (North)	4225.070	41.509	422.278	709.754	0	5398.611
22	Kozhikkode	308.83	1074.132	1112.270	82.6	5	2582.832
23	Wayanad (South)	2366.550	681.550	1322.41	96.880	0	4467.390
24	Wayanad (North)	859.350	315.690	2278.950	0	0	3453.990
25	Kannur	691.592	0	3935.164	102.100	255.979	4984.835
26	Kasaragod	1227.910	0	1675.297	467.212	116.210	3486.629
26	Wildlife Thiruvananthapuram	101.08	140.54	997.073	1140.690	0	2379.383
27	Wildlife Peechi	457.427	6.9	1141.887	132.25	0	1738.464
28	Wildlife Parambikulam	8747.466	0	0	0	0	8747.466
29	Wildlife Silent valley	482.3	57.89	94	0	0	634.19
30	Wildlife Wayanad	7486.802	429.67	2987.899	0	0	10904.371
31	Wildlife Aralam	291.3	0	30	0	0	321.3
Total		86862.979	11930.030	45302.335	8246.839	377.189	152719.372

*This area includes plantation in Protected Area also.

The species wise distribution of plantation area (ha), as on 31.03.2014 is given in Table 2.3.

Table 2.3-Species wise distribution of Plantation area (ha)

Sl No.	Speceis	Area (ha.)	% to total Plantation	Sl.No.	Speceis	Area (ha.)	% to total Plantation
1	Teak	74836.971	49.003	18	Albezzia	150.57	0.099
2	Teakwood & Soft wood	12263.284	8.029	19	Anjali	576.137	0.377
3	Accacia Mangium	4257.007	2.787	20	Kambakam	359.040	0.235
4	Accacia Auriculiformis	6132.138	4.015	21	Elavu	600.98	0.394
5	Eucaliptus	7279.926	4.767	22	Rubber	86.47	0.057
6	Cane	2520.933	1.651	23	Balsa	45.34	0.029
7	Bamboo	5351.874	3.504	24	Wattle	2122.13	1.389
8	Rosewood	95.51	0.063	25	Matti	493.91	0.324
9	Mahagani	259.476	0.170	26	Cashew	4742.614	3.105
10	Sandalwood	68.84	0.045	27	Agave	71.64	0.047
11	Other Hardwood	277.860	0.182	28	Alnus	74.35	0.049

Sl No.	Speceis	Area (ha.)	% to total Plantation	Sl.No.	Speceis	Area (ha.)	% to total Plantation
12	Reeds	374.032	0.245	29	Sesbania	21.07	0.014
13	Cinnamon	0	0	30	Casuarina	198.87	0.130
14	Pepper	192.540	0.126	31	Silver Oak	108.53	0.071
15	Medicinal Plants	1992.453	0.130	32	Mangroves	377.189	0.247
16	Gravelia Robesta	603.128	0.395	33	Fruit bearing	121.29	0.079
17	Pine	547.576	0.359	34	Misc	25515.694	16.708
Total						152719.372	

Table 2.4-Division/Species wise distribution of plantation area (ha) as on 31.03.2014

SI 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
I	Southern Circle										
1	Thiruvananthapuram	575.541	327.195	1374.180	1511.600	285.000	49	156.7	0	0	0
2	Thenmala	1825.34	449.01	0	680.48	450.81	0	0	0	0	0
3	Punalur	1339.28	270.14	2002.40	213.7	613.53	0	176.35	0	0	0
4	Achencoil	2790.372	1437.227	0	0	0	598.771	144	0	0	0

SI No.	Divisions	Teak	Teak & Softwood	Accacia Mangium	Accacia Auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogani	Sandalwood
5	Ranni	3125.965	1099.020	123.79	505.10	0	85.43	190.98	0	0.600	0
6	Konni	8119.774	0	139.21	114.5	5.44	408	474.90	0	2.87	0
Total		17776.272	3582.592	3569.58	3025.38	1354.78	1141.201	1142.93	0	3.47	0
II	Highrange Circle										
7	Kottayam	2211.454	590.376	0	56	74.54	140.6	51.3	0	16	0
8	Munnar	790.524	0	0	0	2330.05	0	579.36	0	0	0
9	Kothamangalam	4473.048	0	235.477	14.2	161.31	169.25	67.6	8.1	15.24	0
10	Marayoor	0	0	0	100	20	0	90.8	0	0	0
11	Mankulam	0	0	12.75	0	50	28.56	30	0	3.5	0
Total		7475.026	590.376	248.227	170.2	2635.9	338.41	819.06	8.1	34.74	0
III	Central Circle										
12	Malayattoor	5634.9	0	294.2	0	419.025	79.1	0	10	20	0
13	Vazhachal	3885.79	1820.930	10	0	211.56	163.66	167.28	0	0	0
14	Chalakkudy	4400.610	0	0	53.44	0	0	38.6	0	0	0
15	Thrissur	1653.0	560.44	0	1100.09	418.15	59.9	636.96	18.41	0	0
16	TS, Perumbavoor	35.57	0	0	0	0	0	0	0	0	0
Total		15609.87	2381.37	304.2	1153.53	1048.74	302.66	842.84	28.41	20	0
IV	Eastern Circle										
17	Nenmara	1278.303	0	0	619.290	146.54	102.99	257.8	0	0	0
18	Palakkad	1823.970	91.43	0	55.82	41.92	65.88	107.55	0	0	0
19	Mannarkkad	404.56	0	0	164.55	143.92	12.4	22.6	0	0	0

SI No.	Divisions	Teak	Teak & Softwood	Accacia Mangium	Accacia Auriculiformis	Eucalyptus	Cane	Bamboo	Rosewood	Mahogani	Sandalwood
20	Nilambur (S)	4569.947	0	0	33.82	0	0	0	0	0	0
21	Nilambur (N)	4119.37	3.8	0	105.7	41.509	139	570.754	0	0	0
Total		12196.15	95.23	0	979.18	373.889	320.27	958.704	0	0	0
V	Northern Circle										
22	Kozhikode	308.83	0	0	0	737.092	0	77.6	0	0	0
23	Wayanadu (S)	2330.05	69.9	0	28.5	360.39	16.88	70	4	0	0
24	Wayanadu (N)	483.7	1017.03	65	310.65	237.38	0	0	0	0	0
25	Kannur	383.544	2409.255	0	234.16	0	102.1	0	0	73.888	0
26	Kasaragod	870.774	0	0	172.038		299.412	167.8		127.378	57.72
Total		4376.868	3496.185	65	745.348	1334.862	418.392	315.4	4	201.266	57.72
VI	Agasthyavanam										
27	Thiruvananthapuram	42.58	0	0	58.5	44.2	0	1140.69	0	0	0
Total		42.58	0	0	58.5	44.2	0	1140.69	0	0	0
VII	Wildlife, Palakkad										
28	Peechi	457.427	0	0	0	0	0	132.25	0	0	0
29	Parambikulam	8747.466	0	0	0	0	0	0	0	0	0
30	Silent Valley	437.3	0	0	0	57.89	0	0	45	0	0
31	Wayanad	7426.682	2117.531	0	0	429.67	0	0	10	0	11.12
32	Aralam	291.3	0	0	0	0	0	0		0	0
Total		17360.175	2117.531	0	0	487.56	0	132.25	55	0	11.12
Grand Total		74836.971	12263.284	4257.007	6132.138	7279.926	2520.933	5351.874	95.51	259.476	68.840

SI 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	0	0	0	0	254.77	0	62.576	7	566.137	317.96	0	0
2	Thenmala	0	0	0	0	3.36	0	0	0	0	0	0	0
3	Punalur	94.61	0	0	0	46.36	0	0	0	0	0	0	44.37
4	Achencoil	0	52.2	0	0	337.115	0	0	0	0	0	0	0
5	Ranni	0	230.142	0	0	0	0	0	0	0	0	0	0
6	Konni	0	0	0	0	213.43	0	0	0	0	0	0	0
Total		94.61	282.342	0	0	855.035	0	62.576	7	566.137	317.96	0	44.37
II	Highrange Circle												
7	Kottayam	0	0	0	0	216	0	0	0	0	0	0	0
8	Munnar	0	0	0	0	0	85.32	485	0	0	0	44.24	0
9	Kothamangalam	0	0	0	0	0	0	3.280	10.0	0	0	11.55	0
10	Marayoor	0	0	0	0	0	0	0	0	0	0	0	0
11	Mankulam	23	76.69	0	0	72.8	51.0	0	0	0	3	0	0
Total		23	76.69	0	0	288.8	136.32	485	3.28	10	3	55.79	0
III	Central Circle												
12	Malayattoor	0	0	0	72.54	0	69.098	0	0	0	0	0	0
13	Vazhachal	0	0	0	0	150.750	76.55	0	86.05	0	38.08	105.35	0
14	Chalakkudy	0	0	0	0	0	0	0	0	0	0	107.8	0

SI No.	Divisions	Other Hardwood	Reeds	Cinnamon	Pepper	Medicinal Plants	Gravelia Robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
15	Thrissur	0	0	0	0	264.26	0	0	0	0	0	0	0
16	T S Perumbavoor	25.92	0	0	0	0	0	0	0	0	0	0	0
Total		25.92	0	0	72.54	415.01	145.648	0	86.05	0	38.08	213.15	0
IV	Eastern Circle												
17	Nenmara	78.7	0	0	0	0	0	0	0	0	0	0	0
18	Palakkad	12.63	0	0	0	84.52	0	0	0	0	0	0	0
19	Mannarkkad	0	0	0	0	13.79	0	0	0	0	0	0	0
20	Nilambur (S)	0	0	0	0	0	0	0	0	0	0	0	0
21	Nilambur (N)	0	0	0	0	124.478	0	0	0	0	0	0	0
Total		91.33	0	0	0	222.788	0	0	0	0	0	0	0
V	Northern Circle												
22	Kozhikode	0	5	0	50	8	0	0	0	0	0	332.04	0
23	Wayanadu (S)	4	10	0	0	48.56	321.16	0	0	0	0	0	0
24	Wayanadu (N)	0	0	0	0	0	0	0	0	0	0	0	0
25	Kannur	0	0	0	70	88.26	0	0	0	0	0	0	0
26	Kasaragod					47							
0		4	15	0	120	191.82	321.16	0	0	0	0	332.04	0
VI	Agasthyavanam												
27	Thiruvananthapuram	0	0	0	0	15	0	0	54.24		0	0	42.1
Total		0	0	0	0	0	0	0	54.24		0	0	42.1
VII	Wildlife, Palakkad												

SI No.	Divisions	Other Hardwood	Reeds	Cinnamon	Pepper	Medicinal Plants	Gravelia Robusta	Pine	Albezzia	Anjili	Kambakom	Elavu	Rubber
28	Peechi	0	0	0	0	4	0	0	0	0	0	0	0
29	Parambikulam	0	0	0	0	0	0	0	0	0	0	0	0
30	Silent Valley	0	0	0	0	0	0	0	0	0	0	0	0
31	Wayanad	39	0	0	0	0	0	0	0	0	0	0	0
32	Aralam		0	0	0	0	0	0	0	0	0	0	0
Total		39	0	0	0	4	0	0	0	0	0	0	0
Grand Total		277.86	374.032	0	192.54	1992.453	603.128	547.576	150.570	576.137	359.04	600.980	86.470

SI No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarina	Silver Oak	Mangroves	Fruit Bearing	Misc	Total Plantation
I	Southern Circle													
1	Thiruvananthapuram	9.3	0	13.1	158.504	0	0	0	60	0	0	0	307.748	6036.311
2	Thenmala	15	0	0	0	0	0	0	0	0	0	0	122.34	3546.34
3	Punalur	0	0	0	5.5	0	0	0	0	0	0	0	927.156	5733.396
4	Achencoil	0	0	0	0	0	0	0	0	0	0	0	0	5359.685
5	Ranni	0	0	0	0	0	0	0	0	0	0	0	1765.561	7126.588
6	Konni	21.04	0	6	0	32	0	0	0	0	0	0	162.75	9699.914
	Total	45.34	0	19.1	164.004	32	0	0	60	0	0	0	3285.55	37502.234
II	Highrange Circle													

SI No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarina	Silver Oak	Mangroves	Fruit Bearing	Misc	Total Plantation
7	Kottayam	0	0	11	0	0	0	0	0	0	0	0	155.691	3522.961
8	Munnar	0	1320.79	133.8	0	0	61.6	0	0	0	0	0	1175.61	7006.294
9	Kothamangalam	0	0	127.9	54	0	0	0	0	0	0	0	1083.387	6434.342
10	Marayoor	0	801.34	0	0	0	0	0	0	0	0	0	152.5	1164.64
11	Mankulam	0	0	0	0	0	12.75	0	0	0	0	0	129.08	493.130
	Total	0	2122.13	272.7	54	0	74.35	0	0	0	0	0	2731.268	18656.367
III	Central Circle													
12	Malayattoor	0	0	5	0	0	0	0	0	0	0	0	2600.455	9204.318
13	Vazhachal	0	0	0	0	0	0	21.07	0	0	0	0	879.030	7616.10
14	Chalakkudy	0	0	0	161.87	0	0	0	0	0	0	0	869.97	5632.290
15	Thrissur	0	0	40	1994.759	0	0	0	0	0	0	0	3562.31	10308.28
16	T S Perumbavoor	0	0	0	0	0	0	0	0	0	0	0	0	61.49
	Total	0	0	45	2156.63	0	0	21.07	0	0	0	0	7911.765	28095.6
IV	Eastern Circle													
17	Nenmara	0	0	0	300.83	0	0	0	0	75.03	0	0	2086.122	4945.605
18	Palakkad	0	0	66.9	17.17	0	0	0	32.63	0	0	5	1159.66	3565.080
19	Mannarkkad	0	0	0	152.72	9.64	0	0	0	0	0	0	163.88	1088.06
20	Nilambur (S)	0	0	0	0	0	0	0	0	0	0	0	436.32	5040.087
21	Nilambur (N)	0	0	0	294	0	0	0	0	0	0	0	0	5398.611
	Total	0	0	66.9	764.72	9.64	0	0	32.63	75.03	0	5	3845.982	20037.443
V	Northern Circle													
22	Kozhikode	0	0	5	278.87	0	0	0	20	0	5	0	755.4	2582.832
23	Waynadu (S)	0	0	0	0	30	0	0	0	33.5	0	0	1140.45	4467.39
24	Waynadu (N)	0	0	78.31	0	0	0	0	0	0	0	0	1261.92	3453.990

SI No.	Divisions	Balsa	Wattle	Matti	Cashew	Agave	Alnus	Sesbania	Casuarina	Silver Oak	Mangroves	Fruit Bearing	Misc	Total Plantation
25	Kannur	0	0	0	107.25	0	0	0	0	0	255.979	0	1260.399	4984.835
26	Kasaragod	0	0	0	1127.715	0	0	0	86.24	0	116.21	0	414.342	3486.629
	Total	0	0	83.81	1513.835	30	0	0	106.24	33.5	377.189	0	4832.511	18975.676
VI	Agasthyavanam													
27	Thiruvananthapuram	0	0	0	24.425	0	0	0	0	0	0	116.29	841.358	2379.383
	Total	0	0	0	24.425	0	0	0	0	0	0	116.29	841.358	2379.383
VII	Wildlife, Palakkad													
28	Peechi	0	0	6.9	35	0	0	0	0	0	0	0	1102.887	1738.464
29	Parambikulam	0	0	0	0	0	0	0	0	0	0	0	0	8747.466
30	Silent Valley	0	0	0	0	0	0	0	0	0	0	0	94	634.19
31	Wayanad	0	0	0	0	0	0	0	0	0	0	0	870.368	10904.37
32	Aralam	0	0	0	30	0	0	0	0	0	0	0	0	321.3
	Total	0	0	6.9	65	0	0	0	0	0	0	0	2067.255	22345.791
	Grand Total	45.340	2122.130	493.910	4742.614	71.640	74.350	21.070	198.870	108.530	377.189	121.290	25515.694	152719.372

Fire affected plantations: Details of plantations affected by fire (species wise) during the year 2013-14 are shown in Table 2.5.

Table 2.5-Details of Plantations affected by fire during 2013-14 (Area in ha.)

SI No.	Name of Division	Teak	Cashew	Eucalyptus	Medicinal	Misc	Bamboo	Accacia	Mangium	Others	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12
1	Thiruvananthapuram		3.320					0.500			3.820
2	Thenmala	3.000									3.000
3	Punalur								1.000		1.000
5	Ranni							5.000			5.000
7	Kottayam	36.000		5.000				12.000			53.000
8	Kothamangalam	5.000									5.000
11	Chalakydy	15.225				2.024					17.249
12	Thrissur	64.93		2.500			18.500	5.900	0.240		92.070
13	Malayattoor	34.5						0.200			34.700
14	Nilambur North	108.607				5.000					113.607
	Nilambur South	8.500									8.500
15	Palakkad	20.000									20.000
16	Mannarkkad	1.000	1.000								2.000
18	Wayanad South	13.000									13.000
21	Wayanadu	12.000		42.050							54.050
22	Peechi					2.000					2.000
	Total	321.762	4.320	49.550	0.000	9.024	18.500	23.600	1.240	0.000	427.996

Plantations under 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 as on 31/03/2014 is given in Table 2.6.

Table 2.6-Species wise plantation area of KFDC

Sl No.	Species	Area (ha)
1	Eucalyptus	2421.108
2	<i>Accacia auriculiformis</i>	2134.179
3	Teak & Soft wood	1223.000
4	Bamboo	907.576
5	Cardamon	615.600
6	Tea	100.000
7	Coffee	688.400
8	Cashew	312.263
9	Pine, Alnus, Casurina, failed Eucalyptus etc	138.498
10	Unproductive / Swamp / Rock / Building, etc	941.508
Total		9482.132

CHAPTER – III

RESOURCES

Natural Resources

Out turn of Major Forest Produce during the reporting year is shown in Table 3.1.

Table 3.1-Outturn of Major Forest Produce

Sl No.	Item	Unit	Quantity
1	Sawn and squared timber	M ³	6.893
2	Teak Poles	Nos	117222
3	Firewood	MT	22066.016
4	Sandal Wood	Kg	62587.640
5	Bamboo	MT	5938.996
6	Reeds	,,	9917.023
7	Jungle wood Poles	Nos	5545

Procurement of Minor Forest Produce is given in Table 3.2.

Table 3.2 -Procurement of Minor Forest Produces

Sl No.	Name	Quantity (kg)
1	Ayurvedic Herbs	728633
2	Spices	3762
3	Fibre	93765
4	Grass other than fodder	129100
5	Incensive Plants	16757
6	Honey	61687
7	Bee's Wax	111
8	Vegitable Oil Seeds	3373
9	Medicinal Trees	599

Source: Kerala State Federation of SC/ST Development Co-operatives Ltd.

Table 3.3-Details on Procurement of Minor Forest Produces

Sl No.	Item	Quantity Procured (Kg)	Unit Price in Rs.	Value in Rs.
1	Adalodakam	16732	11.07	185206
2	Adapathian	5.5	450.00	2475
3	Cheenikka	51705	17.43	901184.5
4	Cheruthekku	2791	40.11	111938
5	Cheruthen	18815	170.00	3198550
6	Chittamrithu	278	9.19	2556
7	Chittaratha	20	45.00	900
8	Chool Pullu	178250	12.10	2156000
9	Chunda	215907	14.53	3138017.5
10	Elakka	7	85.71	600
11	Eramkol	25000	6.40	160000
12	Kakkumkai/Parantakai	1059	16.83	17827
13	Kalpasam	15300.5	250.00	3825125
14	Karimkurinji	145304	13.27	1928747
15	Kasturimanjal	3072	51.90	159435
16	Kattukodi	400	25.00	10000
17	Kattukurumulaku Valli	2746	19.37	53184
18	Kattupadavalam	231.3	107.89	24956
19	Kazhanchikuru	25	25.00	625
20	Kolinchi	906	55.00	49830
21	Koppuvella	7	80.00	560
22	Kudampuli	50	140.00	7000
23	Kunthirikkom	6402.6	87.88	562629
24	Kurumthotti	358617.5	14.40	5163714.6
25	Marottikkuru	795	65.16	51802
26	Moovila	22020	39.36	866645
27	Nannari/Naruneendi	232.9	201.78	46995
28	Orilaveru	11234	34.35	385942.95
29	Pacha Nellikka	40747	12.00	488964
30	Pachotti Patta	9345	40.94	382575
31	Padakizhangu	2072.6	222.88	461932
32	Pattincha/Incha	500	44.60	22300
33	Peenari	12635	28.68	362395
34	Pollakuru	74	18.70	1384
35	Poovanathari	0	0.00	0
36	Pukamarunnu	0	0.00	0
37	Putharichunda	11085	18.83	208726
38	Sathavari	5228	16.50	86262
39	Seethari	755	50.00	37750
40	Tharavella	15	10.00	150
41	Thelli	7	35.00	245
42	Thippali	1317	39.12	51515
43	Urinchikai	52	22.00	1144
44	Valampiri Edampiri	482	19.09	9200

Sl No.	Item	Quantity Procured (Kg)	Unit Price in Rs.	Value in Rs.
45	Wax(Bee Wax)	203	156.01	31670
46	Vayanapoovu	500	300.00	150000
47	Vanthen	30861.9	159.712	4929008

Source: Kerala State Federation of SC/ST Development Co-operatives Ltd.

Outturn of Timber

Category wise outturn of Timber classified according to utility is given below in table 3.4

Table 3.4-Outturn of timber based on utility

Sl No.	Category	Unit	Quantity
1	Industrial wood	M ³	29135.433
2	Plywood	„	471.311
3	Match wood	„	361.466
4	Bobbin wood	„	424.85
5	Pencil wood	„	10.517
6	Packing case wood	„	198.29
7	Pulpwood		
a	Eucalyptus	MT	16560.728
b	Accasia	„	114362.201
c	Bamboo	„	5938.996
d	Reeds	„	9917.023
8	Miscellaneous		
a	Timber	M ³	1453.05
b	Fire wood	MT	22066.016
c	Teak poles	Nos	117222
d	Jungle wood poles	Nos	5545
e	Teak Billets	MT	1832.756

Receipts of Timber

Species wise receipts of Timber as on 31.03.2014 are given in Table 3.5.

Table 3.5-Species wise Receipts of Timber

Sl No.	Species	Unit	Receipts
Industrial Wood			
1	Teak	M ³	21916.898
2	Rosewood	„	304.454
3	Mahogani	„	25.967
4	Anjili	„	184.829
5	Kambakom	„	97.794
6	Thembavu	„	280.369
7	Venga	M ³	150.544
8	Venteak	„	336.027
9	Jack/ Plavu	„	38.645
10	Myla	„	0.304
11	Manimaruthu	„	12.478
12	Maruthu	„	2361.705
13	Irul	„	1107.868
14	Mulluvenga	„	792.943
15	Unnam/Chadachi	„	1010.707
16	Thanni	„	287.281
17	Karimthakara	„	17.684
18	Pathiri	„	36.674
19	Poovam	„	89.375
20	Kunnivaka	„	82.887
Total			29135.433
Plywood			
1	Kulamavu	M ³	65.013
2	Mavu	„	32.907
3	Redcedar/ Chandanavembu	„	33.504
4	Poon/Punna/Punnavu	„	96.991
5	Cheeni	„	127.583
6	Nedunaru	„	14.248
7	Kumbil	„	16.131
8	Njaval	„	29.892
9	Vellapine/Pine	„	38.598
10	Cheru	„	0.330

Sl No.	Species	Unit	Receipts
11	Matty	,,	16.114
Total			471.311
Matchwood			
1	Elavu	M ³	265.299
2	Pala / Mukkampala	,,	84.812
3	Vaka	,,	11.355
Total			361.466
Bobbinwood			
1	Akil	M ³	10.844
2	Manjakadambu	,,	414.006
Total			424.85
Pencil wood			
1	Venkotta	M ³	0.508
2	Poochakadambu	,,	10.009
Total			10.517
Packing Case wood			
1	Kara /Rudraksham	M ³	0.739
2	Malaveppu	,,	77.557
3	Vatta	,,	77.038
4	Uthi	,,	42.680
5	Ambazham	,,	0.276
Total			198.29
Pulpwood			
1	Eucalyptus	MT	16560.728
2	Accasia	,,	114362.201
3	Bamboo	,,	5938.996
4	Reeds	,,	9917.023
Miscellaneous			
1	Timber	M ³	1453.05
2	Fire wood	MT	22066.016
3	Teak poles	Nos	117222
4	Jungle wood poles	Nos	5545
5	Teak Billets	MT	1832.756

3.2. Human Resources

Staff strength: Abstract of category wise employees as on 31.03.2014 is given in Table 3.6

Table 3.6-Abstract of category wise Employees as on 31.03.14

Sl No.	Category	Sanctioned Strength	In Position
1	Grade I	72	67
2	Grade II	1753	1688
3	Grade III	4142	3524
4	Grade IV	1542	702
5	Part Time Contingent Employees	227	*295
	Total	7736	6276

Grading is done as per the revised scale of pay vide G.O (P) No. 85/2011/Fin dated 26.02.2011.* includes casual sweepers also.

Details of sanctioned strength and in position (designation wise) during 2013-2014 are shown in Table 3.7

Table 3.7-Designation wise details of Sanctioned Strength and in position

Sl No.	Name of Post	Sanctioned Strength	Staff in position
1	Principal Chief Conservator of Forests	2	4*
2	Addl. Principal Chief Conservator of Forests	3	14*
3	Chief Conservator of Forests	11	9
4	Conservator of Forests	15	4
5	Dy. Forest Conservator(IFS Cadre)	32	27
6	Forest Tribunal	1	1
7	Law Secretary	1	1
8	Sr. Finance Officer	1	1
9	Sr. Administrative Officer	1	1
10	Deputy Director (Statistics)	1	1
11	Deputy Director (WL Education)	3	3
12	Asst. Forest Conservator	101	97
13	Finance Manager	1	0
14	Sr. Administrative Asst.	9	9

Sl No.	Name of Post	Sanctioned Strength	Staff in position
15	Administrative Asst.	12	12
16	Personal Assistant	3	3
17	Senior Supdt.	34	34
18	Range Forest Officer	205	203
19	Research Officer	1	0
20	Dy. Range Forest Officer	158	150
21	Public Relation Officer	1	1
22	Asst. Public Relation Officer	3	3
23	Junior Supdt.	71	70
24	Head Accountant	74	74
25	Research Assistant	3	3
26	Wildlife Asst.	10	3
27	U.D. Clerk	443	418
28	L.D. Clerk	444	423
29	Statistical Assistant Gr. I & II	34	34
30	Fair Copy Supdt.	8	8
31	Sel.GrTypist /Sr. Gr. Typist	44	44
32	Typist Clerk	1	1
33	UD Typist	44	44
34	LD Typist	45	35
35	Confidential Asst.	39	36
36	Legal Assistant	1	1
37	Section Officer	1	1
38	Forest Veterinary Officer	1	1
39	Asst. Forest Veterinary Officer	2	0
40	Documentation Officer	1	0
41	Asst. Director (Survey)	1	0
42	Survey Supdt.	2	2
43	Surveyor Gr. I	17	16
44	Surveyor Gr. II	49	22
45	Head Surveyor	2	2
46	Section Forest Officer	952	854

Sl No.	Name of Post	Sanctioned Strength	Staff in position
47	Beat Forest Officer	2618	2271
48	Sheristadar cum Secretary	1	1
49	Head Draftsman	2	2
50	Draftsman	45	13
51	CI of Police	2	0
52	SI of Police	4	0
53	Head Constable	22	1
54	Police Constable	110	6
55	Librarian	1	1
56	Project Operator	1	0
57	Pharmacist	2	0
58	Dispensary Attender	1	0
59	Nursing Asst.	1	0
60	Binder	2	2
61	PT Instructor	6	1
62	Record cum Storekeeper	3	0
63	Museum Asst.	1	0
64	Office Attendant	420	387
65	Peon cum Sweeper	1	0
66	Daffedar	1	0
67	Attender	18	15
68	Dark Room Attender	1	0
69	Driver	247	241
70	Photographer cum Artist	1	1
71	Gardner	4	1
72	Traker cum Gardner	3	0
73	Gardner cum Marker	1	1
74	Cleaner	2	0
75	Watcher	42	30
76	Muduvan Watcher	8	0
77	Night Watcher	25	14
78	RF Watcher	157	154

Sl No.	Name of Post	Sanctioned Strength	Staff in position
79	Depot Watcher	86	46
80	Tribal Watcher	700	88
81	Watcher cum Cook	6	4
82	Tapal Watcher	3	0
83	Rest House Watcher	1	0
84	Scavenger/Sanitary Worker	1	1
85	Cook/Asst. Cook	1	1
86	Boat Driver	12	6
87	Boat Zrang	1	0
88	Boat Watcher	6	1
89	Boat Cleaner/Cleaner	3	1
90	Lascar	4	1
91	Survey Lascar	11	4
92	Mahouts& Kavadi	26	15
93	Timber Supervisor	1	0
94	Pump Operator	1	0
95	Lab Assistant	1	0
96	Radio Mechanic	1	0
97	Helper	1	0
98	Bus Cleaner	1	1
99	Chowkeedar	1	0
100	Part Time Contingent Employees	227	295**
	Total	7736	6276

*Ex-cadre posts, **includes casual sweepers also

Training

Detailed Information on training conducted during the year 2013-14 is given in Table 3.8

Table 3.8-Training details during 2013-14

Sl No.	Trainings	Total Mandays/ No. of Persons trained
A) Trainings within the state		
1	Training conducted at Forestry Training Centre (O/o APCCF (IHRD)	2181 (459 nos.)
2	Induction Training of BFOs & Dy.RFOs at KFS, Arippa /Walayar	31478 (186 nos.)
3	Training of trainers at FTC, Thiruvananthapuram	90 (15 nos.)
4	DFE Traininig for Frontline Staff in KFS, Arippa & Walayar	135 (45 nos.)
5	Training of BFOs at Kerala Police Academy, Thrissur (Part of mandatory training)	87570 (973 nos.)
B) Trainings Outside state/Outside department		
1	Extention Education Institute Hyderabad/Central Academy for State Forest Service(CASFOS)/Central Detective Training School/Forest Survey of India /Wildlife Institute of India/Forest Research Institute	291 (36 nos.)
2	IMG,Thiruvananthapuram	507 (94 nos.)
3	KFRI, Peechi	142 (71 nos.)

CHAPTER- IV
INFRASTRUCTURE

Roads

The type wise details of roads maintained by the Kerala Forest Department as on 31.03.2014 are given in Table 4.1.

Table 4.1-Details of Roads

Sl No.	Type of Road	Length (km)
1	Black Topped	373.252
2	Metalled	801.067
3	Cement Concrete	8.146
4	Others	3340.89
Total		4523.355
1	Motorable	3706.05
2	Non-Motorable	817.305

Buildings

Similarly there were number of buildings maintained by the Kerala Forest Department at the end of the year under report. The details of existing buildings are given in Table 4.2.

Table 4.2-Details of Buildings

Sl No.	Item	In Possession (Nos)
I	Office Buildings	292
II	Rest House/Government Cottages	65
III	Quarters	
	a) Type VI	18
	b) Type V	10
	c) Type IV	70
	d) Type III	208
	e) Type II	555
	f) Type I	318
	Other Quarters	22
IV	Dormitory	53

Sl No.	Item	In Possession (Nos)
V	Community Hall	38
VI	Forest Stations	114
VII	Other Buildings	1013
Total		2776

Vehicles

Kerala Forest Department possesses 671 numbers of different types of vehicles. The details as on 31.03.14 are given in Table 4.3.

Table 4.3-Details of Vehicles

Sl No.	Vehicles	No. of vehicles		Total number of vehicles
		In running condition	Not in running condition	
1	Bolero	106	1	107
2	Jeep	188	28	216
3	Invader	9	0	9
4	Motor cycle	96	52	148
5	Mini van	2	1	3
6	Tayota Qualis	11	0	11
7	Boat	21	6	27
8	Maruthy Gypsy	1	0	1
9	Tata Sumo	1	0	1
10	Mahindra Thar	46	0	46
11	Ambassador car	45	7	52
12	Car	16	0	16
13	Tata mobile	0	0	0
14	Tata Winger	2	1	3
15	Mini Bus	7	2	9
16	Voyager	0	0	0
17	Mini Lorry	5	0	5
18	Tata Spacio	1	0	1
19	Road Roller	0	1	1
20	Indigo car	11	1	12
22	Fire Tender Machine	0	1	1
23	Machine Tourer	1	1	2
Total		569	102	671

Arms & Ammunition

Necessary Arms & Ammunition have been given to the Divisional 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 4.4.

Table 4.4-Details of Arms and Ammunition

Sl No.	Circle	No. of Weapons (Gun/Rifles/Revolvers/ Pistols)	Ammunition (nos) (Cartridges & Bullets)
1	Kollam	40	239
2	Kottayam	68	545
3	Thrissur	46	120
4	Palakkad	60	794
5	Kannur	34	813
6	ABP, Thiruvananthapuram	18	1368
7	Field Director (Project Tiger), Kottayam	110	1764
8	Wildlife, Palakkad	101	1821
9	Vigilance	46	724
10	Estate Office FHQ .TVM	10	4065
Total		533	12253

Forest Stations

Forest Station system 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 31.03.2014 is given below in Table 4.5.

Table 4.5-Division wise number of Forest Stations

Sl No.	Division	No. of Forest Station	Sl. No.	Division	No. of Forest Station
1	Punalur	1	13	Nilambur South	4
2	Konni	7	14	Mannarkkad	8
3	Ranni	9	15	Nemmara	3

Sl No.	Division	No. of Forest Station	Sl. No.	Division	No. of Forest Station
4	Kottayam	6	16	Wayanad North	5
5	Kothamangalam	1	17	Wayanad South	1
6	Munnar	6	18	Munnar WL	4
7	Marayoor	4	19	Silent Valley	2
8	Thrissur	10	20	Periyar East	1
9	Vazhachal	8	21	Periyar West	3
10	Chalakyudy	3	22	Peechi	1
11	Malayattoor	14	23	Wayanad WL	6
12	Nilambur North	7	Total		114

The details on Forest Stations in different ranges are given in Table 4.6.

Table 4.6-Division / Range wise details of Forest Stations

Sl No.	Divisions	Range		Forest Stations
1	Punalur	Pathanapuram	1	Ambanar
2	Konni	Konni	2	Kumaramperoor (South)
			3	Kumaramperoor (North)
			4	Kokkathodu
		Naduvathumoozhy	5	Karippanthodu
			6	Padom
			7	Chempala
		Mannarappara	8	Mannarappara
			9	Karikkulam
3	Ranni	Ranni	10	Kanamala
			11	Rajampara
			12	Chittar
		Vadasserikkara	13	Gurunathanmannu
			14	Thannithodu
		Goodrikkal	15	Plappally
			16	Kochukoickal
			17	Pachakkanam
			18	Vazhathoppu
4	Kottayam	Nagarampara	19	Vairamony
			20	Kanchiyar
		Ayyappancoil	21	Murinjapuzha
			22	Vadampathal
			23	Placherry
			24	

Sl No.	Divisions	Range		Forest Stations
5	Kothamangalam	Thodupuzha	24	Veloor
6	Munnar	Munnar	25	Pettimoodu
		Adimali	26	Machiplavu
			27	Panamkudy
		Neriyamangalam	28	Nagarampara
			29	Enchathotty
			30	Valara
7	Marayoor	Marayoor	31	Marayoor
			32	Nachivayal
		Kanthalloor	33	Kanthalloor
			34	Vannathura
8	Thrissur	Vadakkancherry	35	Erumapetty
			36	Poongodu
			37	Mayannoor
		Machad	38	Akamala
			39	Elanad
			40	Vazhani
		Pattikkad	41	Pattikkad
			42	Ponganamkad
			43	Mannamangalam
			44	Vaniyampara
9	Vazhachal	Charpa	45	Kannamkuzhy
		Vazhachal	46	Vazhachal
			47	Mukkumpuzha
		Kollathirumedu	48	Kollathirumedu
		Sholayar	49	Malakkappara
			50	Sholayar
		Athirappally	51	Athirappally
52	Ezhattumugham			
10	Chalakydy	Pariyaram	53	Konnakuzhy
			54	Chaippankuzhy
		Vellikulangara	55	Mupliyam
11	Malayattoor	Kodanadu	56	Perumthodu
			57	Erumukham
			58	Mekkappala
		Kalady	59	Karakkadu
			60	Kannimangalam
			61	Evergreen
		Thundathil	62	Bhothathankettu
			63	Karimpani

Sl No.	Divisions	Range		Forest Stations
			64	Edamalayar
			65	Vadathuppara
		Kuttampuzha	66	Pooyamkutty
			67	Anakkulam
		Edamalayar	68	Ennakkal
			69	Perumuzhy
12	Nemmara	Kollengode	70	Thekkady
		Nelliampathy	71	Nelliampathy
		Alathur	72	Mangalamdam
13	Mannarkkad		73	Palakkayam
		Mannarkkad	74	Mannarkkad
			75	Thiruvizhamkunnu
		Attappady	76	Pudur
			77	Mukkali
		Agali	78	Ommala
			79	Sholayar
			80	Singappara
14	Nilambur (South)	Karulai	81	Padukka
			82	Nedumkayam
		Kalikavu	83	Chakkikuzhi
			84	Karuvarakundu
15	Nilambur (North)	Edavanna	85	Akampadam
			86	Edacode
			87	Kodumpuzha
		Nilambur	88	Vaniyampuzha
			89	Kanjirampuzha
		Vazhikkadavu	90	Nellikuthu
			91	Pothukal
16	Wayanad (North)	Mananthavady	92	Makkiyad
		Begur	93	Thirunelly
			94	Thalapoya
		Periya	95	Kunjom
			96	Varayal
17	Wayanad South	Chedleth	97	Irulum
18	Munnar WL (Eravikulam)	Eravikulam NP	98	Kadavari
		Chinnar	99	Chattamunnar
		Shola NP	100	Kambakkallu
			101	Karimutti

Sl No.	Divisions	Range		Forest Stations
19	Silent Valley	Bhavani	102	Anavai
			103	Thudukki
20	Periyar East	Vallakkadavu	104	Gavi
21	Periyar West	Pamba	105	Sannidhanam
			106	Mukkuzhi
			107	Pachakkanam
22	Peechi	Peechi	108	Olakkara
23	Wayanad WL	Kurichiat	109	Vandikkadavu
		Sulthanbathery	110	Naikatty
			111	Kuppady
		Muthanga	112	Muthanga
			113	Thottamoola
Tholpetty	114	Tholpetty		

Check Posts

Division wise number of check posts as on 31.03.2014 is given below in Table 4.7.

Table 4.7-Division wise number of Check posts

Sl No.	Division	No. of Check Posts	Sl. No	Division	No. of Check Posts
1	Thiruvananthapuram	4	17	Mannarkkad	4
2	Thenmala	2	18	Nemmara	3
3	Punalur	1	19	Wayanad South	2
4	Konni	4	20	Wayanad North	2
5	Ranni	5	21	Kannur	1
6	Achencovil	1	22	Kasargod	3
7	Kottayam	4	23	Shenduruney	1
8	Kothamangalam	1	24	Thiruvananthapuram	1
9	Munnar	4			
10	Marayoor	2	25	Periyar East	5
11	Vazhachal	2	26	Idukki	1
12	Chalakydy	3	27	Munnar	5
13	Malayattoor	4	28	Parambikulam	3

14	Nilambur North	1	29	Wayanadu	5
15	Nilambur South	1	30	Peechi	1
16	Palakkad	1	Total		77

Range wise details of check posts are given in Table 4.8.

Table 4.8-Division / Range wise number of Check posts

Sl No.	Division	Range		Check Post
Southern Circle - Kollam				
1	Thiruvananthapuram	Paruthipally	1	Parassala
		Kulathupuzha	2	Venkolla
		Palode	3	Mankayam
			4	Anappara
2	Thenmala	Thenmala	5	Nedumannurkadavu
		Aryankavu	6	Kottavasal
3	Punalur	Pathanapuram	7	Karavoor
4	Achenkovil	Achenkovil	8	Kottavasal
5	Konni	Konni	9	Athumpukulam
		Naduvathumuzhy	10	Njanaival
			11	Padom
		Mannarappara	12	Mullumala
6	Ranni	Ranni	13	Laha
		Gudrical	14	Pampa Dam
			15	Kochandi
		Vadasserikkara	16	Vadasserikkara
			17	Maniyar
High Range Circle - Kottayam				
7	Kottayam	Kumili	18	Kumili
			19	Cumbummettu
		Erumeli	20	Pulluppara
			21	Vazhikadavu
8	Kothamangalam	Thodupuzha	22	Guruthikavala
9	Munnar	Neriyamangalam	23	Thalakkodu
		Adimali	24	Panamkutty
		Devikulam	25	Bodimettu
			26	Palar
10	Marayoor	Marayoor	27	Chattamunnar
		Kanthalloor	28	Pius Nagar
Central Circle - Thrissur				
11	Chalakydy	Pariyaram	29	Kappathodu

Sl No.	Division	Range		Check Post
		Palappilly	30	Parakadavu
		Vellikulangara	31	Mattathoor
12	Vazhachal	Charpa	32	Vazhachal
		Sholayar	33	Malakkappara
			34	Karakkad
13	Malayattoor	Kalady	35	Kadappara
		Kuttanpuzha	36	Thattekadu
		Thundathil	37	Boothathankettu
Eastern Circle – Palakkad				
		Nellyampathy	38	Pothundi
14	Nenmara		39	Gopalapuram
		Kollengode	40	Meenakshipuram
15	Palakkad	Walayar	41	Walayar
			42	Anakkatty
16	Mannarkkadu	Agali	43	Keralamedu
			44	Anamooly
		Mannarkkadu	45	Inchikunnu
17	Nilambur North	Vazhikkadavu	46	Anamari
18	Nilambur South	Karulai	47	Cherupuzha
Northern Circle – Kannur				
19	Kannur	Kottiyoor	48	Iritty
		Kanjangad	49	Kallar (Panathur)
20	Kasargode		50	Thalappady
		Kasargode	51	Kottayadi
			52	Boys town
21	Wayanad (North)	Perya	53	Niravilpuzha
			54	Choladay
22	Wayanad (South)	Meppadi	55	Lakkidy
		Kalppatta		
Wildlife Circle				
23	Thiruvananthapuram	Peppara	56	Kanithadam
24	Shenthurney	Shenthurney WL	57	Kattilapara (temp)
		Thekkadi	58	Thekkady
			59	Pachakkanam
25	Periyar East	Vallakkadavu	60	Anathodu
			61	Vallakkadavu
		Periyar	62	Vellimala
			63	Rajamala
26	Eravikulam	Eravikulam	64	Chinnar
		Chinnar	65	Karimutti
		Shola NP	66	Top station

Sl No.	Division	Range		Check Post
			67	Methappu
27	Idukki	Idukki WL	68	Vanmavu
28	Wayanadu	Muthanga	69	Muthanga
			70	Pazhoor
		Tholpetty	71	Tholpetty
			72	Bavali
		Kurichiyad	73	Kuppadi
29	Parambikulam	Sunkom	74	Anappadi
			75	Keerappadi
		Orukomban	76	Thuthanppara
30	Peechi	Chimmoni	77	Echippara

CHAPTER- V

FINANCE

Revenue and Expenditure

The Forest Revenue realized during the year 2013-2014 was `329.95 crores. The total expenditure incurred during the year was `399.19 crores.

The forest contributes substantially to the non-tax revenue of the State. The revenue from forestry sector by way of sale of timber and other forest produces comes to `295.52 crores in 2013-14. Major portion of the forest revenue was from timber. During 2013-14, `268.29 crores was collected towards revenue from the sale of timber alone which accounted for 81.31 % of the total forest revenue. The comparative position of revenue and expenditure for the year 2013-14 and 2012-13 is given in table 5.1

Table 5.1-The comparative position of revenue and expenditure

Year	Revenue	Expenditure(` in crores)		
		Plan	Non Plan	Total
2013-2014	329.95	116.68	282.51	399.19
2012-2013	237.33	127.48	245.76	373.24

Revenue from Timber & Other Forest Products is shown in Table 5.2

Table 5.2-Revenue from Timber and other Forest Products

Sl No.	Head of Account	` in lakhs
1	2	3
	0406-01-101 Sale of Timber and other Forest produce.	
1	99 Timber	26829.613
2	98 Firewood and Charcoal	107.563

3	97 Reciepts from Sale of Forest Produce Comming under the Kerala Private Forest (Vesting and Assignment) Act.	63.410
4	96 Reciepts from Forest Development Tax	1557.579
5	95 Reciepts under Kerala Forest Produce	941.791
6	94 Other Items	52.185
	Total (101)	29552.141
	0406-01-800 Other Reciepts	
1	99 Interests on Arrears of Forest Revenue	47.003
2	98 Reciepts from Wild life Department	149.555
3	97 Scheme for Provision of House Sites and houses to Landless Workers in Rural Area - Free Supply of Timber	0.000
4	96 Revenue Realised from the KFDC on the sale proceeds of residual growth	0.000
5	95 Other Items	3314.725
6	94 Livestock	18.433
7	93 Integrated Wasteland Development Programme	0.000
8	91 Receipts on account of Lapsed and Confiscated Deposits	2.350
9	90 Forest Land Lease rent	83.514
	Total (800)	3615.580
	Grand Total	33167.721
	Refunds (0406-01-900-00)	172.874
	Net Revenue	32994.847

Forest Development Tax (FDT)

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 2013-14 an amount of ` 1557.579 lakhs was collected as FDT

Outstanding on Account of Forest Revenue

An amount of `281.11 crores is outstanding on account of forest revenue at the end of the year 2013-14.

Outlay and Expenditure

The outlay and expenditure during 2012-13 and 2013-14 is given in Table 5.3

Table 5.3-Outlay and Expenditure (` in crores)

Schemes	2012-13		2013-14	
	Outlay	Expenditure	Outlay	Expenditure
State sector	119.06	105.55	132.35	98.08
Central sector	33.16	21.92	37.90	18.60
Total (Plan)	152.22	127.47	170.25	116.68
Non Plan	245.78	245.76	296.82	282.51
Grand Total	398.00	373.23	449.04	399.19

The Plan expenditure under forestry sector during 2013-14 is `116.68 crores, which is 68.53 % of the total plan outlay. The expenditure incurred for Central Sector Schemes is `18.60 crores and that under State Sector Schemes is `98.08 crores.

Developments under 12th Five Year Plan

The year 2013-2014 is the Second year of the 12th Five Year Plan. The target and achievement is given in Table 5.4

Table 5.4-Target and achievement during 2013-14 (` in Crores)

Year	Target	Achievement
2012-13	152.22	127.47
2013-14	170.25	116.68

During the 2nd year of the XII Five Year Plan, `170.25 crores were invested for various development programmes implemented by forestry sector. Out of this, an expenditure of `116.68 crores has been incurred.

The financial targets and achievements for various departmental schemes for the years 2012-13 and 2013-14 are given in Table 5.5

Table 5.5-Target and Achievement (Financial) (2012-13 & 2013-14)

Year	(` in lakhs)					
	2012-2013		2013-2014		Progressive Total	
	Targets	Achievements	Targets	Achievements	Targets	Achievements
Schemes						
State Sector Schemes (A)						
Management of Natural Forests						
(a) Survey of Forest Boundaries	100.00	108.24	200.00	187.38	300	295.62
(b) Forest Protection	1850.00	1807.44	1850.00	1846.74	3700	3654.18
c) Regeneration of Denuded Forests	50.00	48.24	50.00	48.90	100	97.14
Improving Productivity of Plantations	670.00	662.78	870.00	858.11	1540	1520.89
Roads	300.00	257.40	300.00	295.64	600	553.04
Buildings	400.00	390.73	400.00	396.17	800	786.9
Bio-diversity Conservation and Protected Area Management	2800.04	2628.04	5790.00	3390.47	8590.04	6018.51
Eco-tourism	300.00	287.52	605.01	566.54	905.01	854.06
Human Resources Management	250.00	237.82	200.00	211.23	450	449.05
Resources Planning and Research	50.00	49.51	50.00	57.23	100	106.74
Extension Forestry	750.00	707.40	900	870.39	1650	1577.79
FM IS & GIS	150.00	149.99	100.00	99.99	250	249.98
Management of Non-wood Forest Products	148.00	130.84	220.00	208.93	368	339.77

Year	(` in lakhs)					
	2012-2013		2013-2014		Progressive Total	
	Targets	Achievements	Targets	Achievements	Targets	Achievements
Schemes						
State Sector Schemes (A)						
Kerala Forestry Project	0.00	0.00	0.00	0.00	0	0
Works with assistance under Rural Infrastructure Development Fund	600.00	350.00	1600	693.96	2200	1043.96
13th Finance Commission Award	3388.00	2671.13	0.00	0.00	3388	2671.13
Integrated Forest Management	100.00	68.36	100	76.12	200	144.48
Theeravana Samrakshana Padhathi	0.00	0.00	0.00	0.00	0	0
Total (A)	11906.04	10555.43	13235.01	9807.80	25141.05	20363.23
Break-up of Centrally Sponsored Schemes(CSS) - (B)						
100% CSS	1616.00	1023.16	1900	527.37	3516	1550.53
75% CSS (IFM)	300.00	205.07	300	228.36	600	433.43
50% CSS (Sanctuaries & National Parks)	1400.00	963.93	1590	1104.94	2990	2068.87
Total CSS (B)	3316.00	2192.16	3790	1860.67	7106	4052.83
Total Plan	15222.04	12747.59	17025.01	11668.47	32247.1	24416.06

Outlay and Expenditure under Plan Schemes

During 2013-2014, an expenditure of `11668.47 lakhs was incurred against the budget provision of `17025.01 lakhs. Details of budget head wise allotment and expenditure are shown in Table 5.6.

Table 5.6- Achievements on Plan Schemes (Financial) during 2013-14

Sl No.	Scheme & Head of Account	Financial (` in lakhs)	
		Budget Outlay	Expenditure
1	2	3	4
A. State Sector Schemes and schemes with 50% CSS			
I	Management of Natural Forests		
1	Forest Protection (2406-01-101-81)	1250.000	1246.384
2	Regeneration of Denuded Forests (2406-01-101-94)	50.000	48.896
3	Survey of Forest Boundaries (2406-01-005-98)	100.000	89.788
	Sub Total	1400.000	1385.068
II	Improving Productivity of Plantations		
1	Hard Wood Species (4406-01-105-87)	320.000	312.718
2	Industrial Raw Materials (4406-01-105-85)	550.000	545.393
	Sub Total	870.000	858.111
III	Infrastructure		
1	Roads (4406-01-070-99)	300.000	295.641
2	Buildings (4406-01-070-97)	400.000	396.165
3	Works with assistance from RIDF (4406-01-800-90)	1600.000	693.962
4	Survey of Forest Boundaries (4406-01-800-89)	100.000	97.588
5	Forest Protection (4406-01-800-88)	600.000	600.362
	Sub Total	3000.000	2083.716

Sl No.	Scheme & Head of Account	Financial (` in lakhs)	
		Budget Outlay	Expenditure
IV	Bio-diversity Conservation and PA Management		
a	State Schemes 100%		
1	Measures to reduce Man Animal conflict (2406-01-800-56)	1000.000	980.220
2	Conservation of Biodiversity (2406-02-110-68)	500.000	486.858
3	Eco Development Programme (2406-02-110-56)	200.000	196.451
4	Zoological Park, Wildlife Protection and Research Centre, Puthur (2406-02-110-48)	2500.000	287.139
	Sub Total	4200.000	1950.669
b	50% Centrally Sponsored Schemes		
1	Parambikulam Game Sanctuary (2406-02-110-98)	213.400	177.566
2	Neyyar Game Sanctuary (2406-02-110-97)	55.000	79.751
3	Wayanad Game Sanctuary (2406-02-110-96)	120.000	120.607
4	Development of National Park at Eravikulam (2406-02-110-94)	65.000	89.796
5	Periyar Tiger Reserve (2406-02-110-93)	290.845	247.838
6	Development of National Park Biosphere Research at Silent Valley (2406-02-110-91)	140.000	136.585
7	Wildlife Sanctuary – Idukki (2406-02-110-90)	70.000	70.272
8	Wildlife Sanctuary - Peechi, Vazhani (2406-02-110-89)	50.000	50.029
	Wildlife Sanctuary-Peppara	40.000	38.130

Sl No.	Scheme & Head of Account	Financial (` in lakhs)	
		Budget Outlay	Expenditure
9	(2406-02-110-88)		
10	Wildlife Sanctuary – Shendurney (2406-02-110-87)	40.000	39.935
11	Wildlife Sanctuary - Chimmoney (2406-02-110-86)	40.000	40.229
12	Wildlife Sanctuary - Aralam (2406-02-110-85)	70.000	68.024
13	Wildlife Sanctuary -Chinnar (2406-02-110-84)	60.000	59.827
14	Bird Sanctuary at Thattekkad (2406-02-110-83)	50.000	49.966
15	Development of Anamudi National Park (2406-02-110-64)	30.000	29.995
16	Development of Mathikettan National Park (2406-02-110-63)	35.000	32.787
17	Development of Pampadum National Park (2406-02-110-62)	30.755	34.656
18	Mangalavanam Bird Sanctuary (2406-02-110-61)	20.000	10.553
19	Kurinjimala Sanctuary (2406-02-110-58)	20.000	19.195
20	Agasthyamala Landscape Project (2406-02-110-57)	10.000	0.000
21	Chulannur Peacock Sanctuary (2406-02-110-54)	25.000	24.659
22	Malabar Wildlife Sanctuary (2406-02-110-53)	25.000	19.401
23	Kottiyoor Wildlife Sanctuary (2406-02-110-45)	70.000	0.000

Sl No.	Scheme & Head of Account	Financial (` in lakhs)	
		Budget Outlay	Expenditure
24	Kadalundi-Vallikkunn Community Reserve (2406-02-110-510)	20.000	0.000
	Sub Total	1590.000	1439.799
V	Eco-Tourism (4406-01-800-91)	605.01	566.539
VI	Human Resource Development		
1	Training (2406-01-003-99)	200.000	211.228
VII	Resource Planning & Research		
1	Forest Research (2406-01-004-99)	30.000	29.955
2	Forest Resources Survey Cell (2406-01-005-99)	20.000	27.275
	Sub Total	50.000	57.230
VIII	Forest Publicity (2406-01-800-98)	900.000	870.394
IX	NWFP (2406-01-800-65)	150.000	142.628
X	Promotion of Medicinal Plants (2406-01-800-63)	70.000	66.299
XI	FM IS&GIS (2406-01-800-57)	100.000	99.999
XII	Intensification of Forest Management Scheme (2406-01-800-61)(25%State)	100.000	76.119
	Total (A)	13235.010	9807.798
B. Centrally Sponsored Schemes having 75% Central Share			
1.	Intensification of Forest Management Scheme (2406-01-800-61)(75%CSS)	300.000	228.356
C. Centrally Sponsored Schemes having 100% Central Share			
1	Nilgiri Biosphere Reserve (2406-02-110-80)	150.000	76.569
2	Project Elephant (2406-02-110-71)	400.000	290.108

Sl No.	Scheme & Head of Account	Financial (` in lakhs)	
		Budget Outlay	Expenditure
3	Agasthyamala Biosphere Reserve (2406-02-110-66)	250.000	80.697
4	Wetland Conservation (2406-01-800-60)	100.000	80.000
5	Integrated Development of Wildlife Habitats to Wayanad Wildlife Sanctuary for voluntary relocation of two settlements from PA (2406-02-110-49)	1000.000	0.000
	100% CSS Total (C)	1900.000	527.374
D. Centrally Sponsored Schemes having 50% Central Share			
1	Parambikulam Game Sanctuary (2406-02-110-98)	213.400	256.800
2	Neyyar Game Sanctuary (2406-02-110-97)	55.000	26.525
3	Wayanad Game Sanctuary (2406-02-110-96)	120.000	66.602
4	Development of National Park at Eravikulam (2406-02-110-94)	65.000	32.240
5	Periyar Tiger Reserve (2406-02-110-93)	290.845	341.119
6	Development of National Park Biosphere Research at Silent Valley (2406-02-110-91)	140.000	46.695
7	Wildlife Sanctuary - Idukki (2406-02-110-90)	70.000	35.100
8	Wildlife Sanctuary - Peechi, Vazhani (2406-02-110-89)	50.000	34.810
9	Wildlife Sanctuary - Peppara (2406-02-110-88)	40.000	27.200
10	Wildlife Sanctuary - Shendurney (2406-02-110-87)	40.000	24.330
11	Wildlife Sanctuary - Chimmoney (2406-02-110-86)	40.000	27.100
12	Wildlife Sanctuary - Aralam (2406-02-110-85)	70.000	33.060

Sl No.	Scheme & Head of Account	Financial (` in lakhs)	
		Budget Outlay	Expenditure
13	Wildlife Sanctuary - Chinnar (2406-02-110-84)	60.000	32.695
14	Bird Sanctuary at Thattekkad (2406-02-110-83)	50.000	29.800
15	Development of Anamudi National Park (2406-02-110-64)	30.000	16.885
16	Development of Mathikettan National Park (2406-02-110-63)	35.000	15.995
17	Development of Pampadum National Park (2406-02-110-62)	30.755	15.736
18	Mangalavanam Bird Sanctury (2406-02-110-61)	20.000	0.000
19	Kurinjimala Sanctury (2406-02-110-58)	20.000	18.403
20	Agasthyamala Lanscape Project (2406-02-110-57)	10.000	0.000
21	Chulannur Peacock Sanctuary (2406-02-110-54)	25.000	9.290
22	Malabar Wildlife Sanctuary (2406-02-110-53)	25.000	14.556
23	Kottiyoor Wildlife Sanctuary (2406-02-110-45)	70.000	0.000
24	Kadalundi-Vallikkunn Community Reserve (2406-02-110-510)	20.000	0.000
	50% CSS Total (D)	1590.000	1104.941
	Grand Total (A + B + C + D)	17025.010	11668.469

Outlay and Expenditure under Non-Plan Schemes

An expenditure of `28250.864 lakhs was incurred against the budget provision of `29681.540 lakhs during 2013-2014. Details on budget head wise allotment and expenditure are shown in Table 5.7.

Table 5.7-Achievements on Non-plan Schemes (Financial) during 2013-14

Sl No.	Scheme & Head of Account	2013-2014 (` in Lakhs)	
		Outlay	Expenditure
I	Direction & Administration (2406-01-001)		
1	Office of the Chief Conservator of Forests (2406-01-001-99)	1008.850	1024.343
2	Office of the Circle Conservator of Forests (2406-01-001-98)	545.960	562.125
3	Working Plan & Research Circle (2406-01-001-97)	95.400	46.288
4	Vigilance & Evaluation Wing (2406-01-001-96)	1162.980	1044.964
5	District Offices (2406-01-001-95)	7004.960	7429.328
6	Statistical Cell (2406-01-001-94)	20.840	23.208
7	Timber Sales Division (2406-01-001-93)	429.860	445.159
8	FD Fund Collection of add. tax on sales of Forest Produce (2406-01-001-92)	0.010	-
	Sub Total	10268.860	10575.415
II	Statistics (2406-01-013)		
1	Planning & Statistical Cell (2406-01-013-99)	168.220	105.704

Sl No.	Scheme & Head of Account	2013-2014 (` in Lakhs)	
		Outlay	Expenditure
	Sub Total	168.220	105.704
III	Communication & Buildings (2406-01-070)		
1	Roads & Bridges (2406-01-070-99)	131.500	106.038
2	Buildings (2406-01-070-98)	90.510	80.137
	Sub Total	222.010	186.175
IV	Forest Conservation Development & Regeneration (2406-01-101)		
1	Forest Consolidation & Acquisition of Private Forests (2406-01-101-99)	2415.580	2571.363
2	Working Plans, Evaluation Survey, etc. (2406-01-101-98)	2.500	2.420
3	Silvicultural Research (2406-01-101-97)	8.000	7.925
4	Fire Protection Work (2406-01-101-96)	20.410	12.696
5	Compensatory Afforestation (2406-01-101-92)	165.000	114.073
6	Amount met out of KFDF for Planting Softwood Trees (2406-01-101-91)	150.000	148.290
7	Transfer to the Fund for Teak under the Kerala Forest Revolving Fund for Teak and Pulpwood Rules,1999- (2406-01-101-90)	727.260	724.260
8	Transfer to the Fund for Pulpwood under the Kerala Forest Revolving Fund for Teak and Pulpwood Rules,1999- (2406-01-101-89)	598.950	598.950
9	Priority Scheme Under 13 th Finance Commission Award(2406-01-101-84)	3388.000	3170.869

Sl No.	Scheme & Head of Account	2013-2014 (` in Lakhs)	
		Outlay	Expenditure
10	Forest Protection (2406-01-101-81)	3739.420	2393.800
	Sub Total	11215.12	9744.646
V	Social & Farm Forestry (2406-01-102)		
1	Plantation of Fast Growing Species (2406-01-102-99)	263.540	125.298
2	Ecology Development World Bank assisted Social Forestry (2406-01- 102-98)	1681.380	1649.670
3	Ecology Development World Bank assisted Social Forestry, Phase-II (2406-01-102-92)	125.890	95.575
	Sub Total	2070.810	1870.543
VI	Forest Produces (2406-01-105)		
1	Timber & Other Produces removed by Govt. Agencies (2406-01-105- 99)	2508.230	2526.708
2	Firewood & Charcoal removed by Govt. Agencies (2406-01-105-98)	12.500	9.233
3	Other Produce removed by Govt. Agencies (2406-01-105-97)	0.080	-
4	Timber & Other Produces removed by Consumers (2406-01-105-96)	0.060	-
5	Confiscated Forest Produce Drift wood, etc. (2406-01-105-95)	2.000	0.935
6	Livestock (2406-01-105-94)	272.800	268.727
7	Miscellaneous Advance Suspense (2406-01-105-93)	33.000	29.886
8	Teakwood (2406-01-105-92)	404.820	378.300
9	Softwood (2406-01-105-91)	43.430	51.197
	Sub Total	3276.920	3264.986

Sl No.	Scheme & Head of Account	2013-2014 (` in Lakhs)	
		Outlay	Expenditure
VII	Education & Training (2406-01-003)		
1	Training (2406-01-003-99)	270.410	242.197
	Sub Total	270.410	242.197
VIII	Forest Research (2406-01-004)		
1	Payment out of the KFDF for Forest Research (2406-01-004-95)	39.070	25.360
2	Forest Research & Training (2406-01-004-99)	78.000	15.636
	Sub Total	117.070	40.996
IX	Survey and Utilization of Forest Resources (2406-01-005)		
1	Forest Resources Survey (2406-01-005-99)	49.440	49.009
2	Survey of Forest Boundaries (2406-01-005-98)	144.200	114.967
	Sub Total	193.640	163.976
X	Other Expenditure (2406-01-800)		
1	Forest Publicity(2406-01-800-98)	82.160	37.228
2	Intensification of Forest Management (2406-01-800-93)	174.000	100.335
3	Relief to Victims Affected by the attack of Wild Animals (2406-01-800-92)	150.000	148.816
4	Rewards to Informants (2406-01-800-91)	0.750	10.160
5	Subsidy to KFDC (2406-01-800-72)	0.010	-
	Sub Total	406.920	286.540
XI	Wildlife Preservation (2406-02-110)		

Sl No.	Scheme & Head of Account	2013-2014 (` in Lakhs)	
		Outlay	Expenditure
1	Wildlife Preservation (2406-02-110-99)	864.730	1091.802
2	Periyar Tiger Reserve Project (2406-02-110-93)	133.240	137.811
3	Conservation of Bio-diversity (2406-02-110-68)	148.210	95.126
4	Eco-Development Global Environmental Facilities (2406- 02-110-69)	320.720	444.948
	Sub Total	1466.900	1769.687
XII	Social and Farm Forestry (4406-01-102)		
1	Acquisition Charges of Land notified as Ecologically Fragile under Kerala Forest (Vesting and Management of Ecologically Fragile Lands) Act -2003 (4406-01-102-96)	0.010	-
	Sub Total	0.010	-
	Grand Total	29681.540	28250.864

- The expenditure towards salary, wages, travel expenses, and publicity are `17002.94 lakhs, `337.33 lakhs, `122.40 lakhs and `870.39 lakhs respectively.
- PD accounts are operated in the department for Teak/Pulpwood Revolving Funds as per the Teak & Pulpwood Rules, 1999. Savings Bank accounts are also maintained for the works undertaken by FDAs, NMPB and NAP.

Funds received directly from Government of India:-The scheme-wise funds received directly from Government of India and the expenditure incurred during 2013-14 is given in Table 5.8.

Table 5.8-Expenditure on funds received directly from Govt. of India

Scheme	Amount Released (` in lakhs)			Expenditure Incurred (` in Lakhs)		
	Till 31 st March 2013	During 2013-14	Total	Till 31 st March 2013	During 2013-14	Total
NMPB	657.33		657.33	371.47	77.926	449.40
NAP	6517.73	825.77	7343.50	6272.82	821.18	7094.00
WGDP	792.57	161.90	954.47	619.79	75.17	694.96
CAMPA	311.61		311.61	133.25	115.63	248.88
GIM	194.60	0.00	194.60	117.30	64.23	181.53
JICA Project	756.78	0.00	756.78	84.58	29.23	113.81

Table 5.9 -Abstract of Revenue and Expenditure during the years 2008-2009 to 2013-2014(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
2008-09	22370.513	6531.00	7296.54	6479.19	13916.35	13916.35	14072.78	20447.35	21212.89	20551.96
2009-10	27279.922	6759.00	7195.75	6408.07	14113.13	14113.13	14423.18	21308.88	21308.88	20831.25
2010-11	27409.589	10319.33	10319.33	6475.77	16646.09	16646.09	14971.82	26965.42	26965.42	21447.59
2011-12	22052.417	10747.44	11231.64	9421.90	21029.40	21078.91	20431.49	31776.84	32310.55	29853.39
2012-13	23733.270	14582.00	15222.04	12747.6	24578.41	24578.41	24576.06	39160.41	39800.45	37323.66
2013-14	32994.847	19813.00	17025.010	11668.469	26450.38	29681.540	28250.864	46263.380	46706.550	39919.333

Table 5.10-Consolidation of forest boundaries (Construction of cairns and stonewall) from 2008-2009 to 2013-2014

Year	Cairns		Stone Wall/Kayyala		Total Expenditure (` in Lakhs)
	Numbers	Expenditure (` in Lakhs)	Length (Kms)	Expenditure	
All Schemes					
2008-2009	5,720	104.905	4.738	1.611	106.516
2009-2010	6,910	137.302	4.140	3.720	141.022
2010-2011	2,869	60.679	14.642	13.342	74.021
2011-2012	2,214	82.248	4.213	15.854	98.102
2012-2013	2383	83.436	4.659	34.843	118.279
2013-2014	3208	128.1884	6.6289	35.42226	163.6107

Chapter – VI

Forest Offences

Cases booked: Abstract of number of cases booked under various Acts are given in Table 6.1.

Table 6.1-Abstract of number of Cases Booked

Cases	upto 2013	during 2014	Total upto 2014
Under KF Act	34398	745	35143
Under WLP Act	2005	228	2233
61 A Cases	1831	51	1882
Other Acts	3998	194	4192

Cases disposed: Circle wise number of cases disposed upto 2014 is given in Table 6.2.

Table 6.2-Circle wise number of Cases Disposed

Sl No.	Circle	Disposed upto 2013	Disposed during 2014	Total disposed upto 2014
1	Southern Circle, Kollam	1372	41	1413
2	High Range Circle, Kottayam	3223	34	3257
3	Central Circle, Thrissur	1377	13	1390
4	Eastern Circle, Palakkad	5767	92	5859
5	Northern Circle, Kannur	1750	18	1768
6	ABP, Thiruvananthapuram	48	0	48
7	FDPT, Kottayam	249	1	250
8	WL, Palakkad	416	9	425

Cases Pending: Circle wise cases pending with Court upto 2014 are given in Table 6.3

Table 6.3-Circle wise cases pending with Court upto 2014

Sl No.	Circle	No. of Cases upto 2013	No. of Cases during 2014	No. of Cases upto 2014
1	Southern Circle, Kollam	1034	111	1145
2	High Range Circle, Kottayam	2391	216	2607
3	Central Circle, Thrissur	668	121	789
4	Eastern Circle, Palakkad	1760	182	1942
5	Northern Circle, Kannur	704	127	831
6	ABP, Thiruvananthapuram	48	6	54
7	FDPT, Kottayam	341	20	361
8	WL, Palakkad	141	39	180

Table 6.4-Circle wise number of cases booked under various Acts

SI No.	Circle	No. of Cases booked											
		Under KF Act upto 2013	KF Act during 2014	KF Act at the end of 2014	Under WLP Act upto 2013	WLP Act during 2014	WLP Act at the end of 2014	Other Acts upto 2013	Other Acts during 2014	Other Act at the end of 2014	No. of 61A cases upto 2013	61 A cases during 2014	At the end of 2014
1	SC, Kollam	2754	113	2867	342	48	390	144	23	167	112	7	119
2	HRC, Kottayam	14697	155	14852	218	12	230	2437	106	2543	521	20	541
3	CC, Thrissur	2764	73	2837	394	47	441	128	12	140	98	4	102
4	EC, Palakkad	9217	236	9453	422	48	470	801	23	824	406	2	408
5	NC, Kannur	2981	106	3087	356	48	404	422	18	440	639	15	654
6	ABP, Thiruvananthapuram	187	2	189	39	8	47	2	1	3	2	0	2
7	FDPT, Kottayam	1087	29	1116	83	2	85	13	5	18	19	0	19
8	WL, Palakkad	711	31	742	151	15	166	51	6	57	34	3	37
Total		34398	745	35143	2005	228	2233	3998	194	4192	1831	51	1882

CHAPTER- VII

WILDLIFE CONSERVATION

Wildlife Sanctuaries & National Parks

During the year 2013-2014, Kerala has 3213.24Km² of forests under protected areas (National Parks, Wildlife Sanctuaries and Community Reserve) and forms 28% of the total forest area. The list of Wildlife Sanctuaries, National Parks, and Community Reserve & Biosphere Reserve are given in table 7.1.

Table 7.1-List of Wildlife Sanctuaries, National Parks, Community Reserves and Biosphere Reserves

Sl No.	Name	Area (Km ²)	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 WLS (Tiger Reserve) ***	643.660	1973
5	Wayanad WLS	344.440	1973
6	Idukki WLS	70.000	1976
7	Peppara WLS	53.000	1983
8	Thattekkad Bird Sanctuary	25.000	1983
9	Shenduruney WLS	171.000	1984
10	Chinnar WLS	90.440	1984
11	Chimmony WLS	85.000	1984
12	Aralam WLS	55.000	1984
13	Mangalavanam Bird Sanctuary	0.0274	2004
14	Kurinjalimala Sanctuary	32.000	2006
15	Choolannur Pea Fowl Sanctuary ****	3.420	2007
16	Malabar Sanctuary	74.215	2009
17	Kottiyoor WLS	30.3798	2011
Total		3211.7372	
Community Reserve			
1	Kadalundi Vallikunnu Community Reserve	1.500	2007
Biosphere Reserve			
1	Agasthyamala Biosphere Reserve	1828.00	2001
2	Nilgiri Biosphere Reserve	1455.40	1986

*Includes 148 Km² of buffer zone added during 2007.

** Includes 148 Km² of critical Tiger Core area from Goodrical Range.

*** Includes core or critical Tiger Habitat (390.89 Km²) & Buffer Zone (252.77 Km²).

**** These area are under the administrative control of DFO, Kozhikode.

Status of Management Plans: Status on Management Plans as on 31.03.2014 is given in Table 7.2.

Table 7.2- Status of Management Plan

Sl No.	Name	Area(km²)	Status
1	Eravikulam National Park	97.000	Valid upto 03.2022
2	Silent Valley National Park	237.520	Valid upto 03.2022
3	Anamudi Shola National Park	7.500	Valid upto 03.2020
4	Mathikettan National Park	12.817	Valid upto 03.2020
5	Pambadum Shola National Park	1.318	Valid upto 03.2020
6	Periyar Tiger Reserve	925.000	Valid upto 03.2022
7	Neyyar WLS	128.000	Valid upto 03.2022
8	Peechi - Vazhani Wildlife Sanctuary	125.000	Valid upto 03.2022
9	Parambikulam W L S (Tiger Reserve)	643.660	Valid upto 03.2021
10	Wayanad WLS	344.440	Valid upto 03.2022
11	Idukki WLS	70.000	Valid upto 03.2022
12	Peppara WLS	53.000	Valid upto 03.2022
13	Thattekkad Bird Sanctuary	25.000	Valid upto 03.2022
14	Shenduruney WLS	171.000	Valid upto 03.2022
15	Chinnar WLS	90.440	Valid upto 03.2022
16	Chimmony WLS	85.000	Valid upto 03.2022
17	Aralam WLS	55.000	Valid upto 03.2022
18	Mangalavanam Bird Sanctuary	0.027	Valid upto 03.2020
19	Kurinjimala Sanctuary	32.000	Valid upto 03.2022
20	Choolannur Pea Fowl Sanctuary	3.420	Valid upto 03.2022
21	Malabar Sanctuary	74.215	Valid upto 03.2020
22	Kadalundi - Vallikunnu Community Reserve	1.500	Valid upto 03.2020
23	Kottiyoor Wildlife Sanctuary	30.380	Valid upto 03.2023
Total		3213.2372	

Compensation paid to Victims of Wildlife Attack

The Kerala Forest Department provides compensation to the victims of attack by wild animals vide 'Kerala Rules for Payment of Compensation to victims of attack by wild animals 1980' and as per the amendments to it from time to time. During 2013-14, a total of Rs.659.05 lakhs have been distributed to the victims of wildlife attack in various districts of the State.

Wildlife Census

A general wildlife census has been conducted from 18th to 20th May 2011 in collaboration with Kerala Forest Institute, Peechi & Thrissur. Last general wildlife census was conducted during 2002 and previously during 1993 and 1997. The estimated number of major species is given in Table 7.3.

Table 7.3-Species wise number of Animals

SL NO.	Species	No. of animals (1993)	No. of animals (1997)	No. of animals (2002)	No. of animals (2011)
1	Elephant	4286	5737	6965	7490
2	Gaur	4840	4151	14787	17860
3	Malabar Giant Squirrel	1384	63474	88919	..
4	Nilgiri Langur	2987	24809	51517	..
5	Sambar	10665	13661	30414	32148
6	Spotted Deer	6259	14881	38391	11398
7	Wild Boar	40963	40425	60940	48034
8	Nilgiri Tahr	1075	1008	902	..
9	Tiger	76	73	71±7	..

Tiger Census: Monitoring of tigers, co-predators, their prey and habitats was carried out in the forests of Kerala as per the guidelines issued by National Tiger Conservation Authority (NTSA) from 16th to 23rd December 2013. The Status report of Tigers in India published by the MoEF & CC shows that the population of tigers in Kerala has increased to 136 from the population of 112 in 2010.

A comparison of the population of tigers as per the past estimations is given in Table 7.4.

Table 7.4-Tiger Census

Estimated Tiger population in Kerala						
Year	1993	1997	2002	2006	2010	2014
Number	76	73	71	46	112	136

Elephant Census

Estimation of Population has been carried out exclusively for elephants under the Project Elephant scheme during 2005, 2007, 2010 and 2012. The process has been conducted simultaneously in all the South Indian States. The estimated figure of elephants in the State during 2005, 2007, 2010 and 2012 are 5135, 6068, 6026 and 6177 respectively.

The details of elephant population based on previous year's estimation exclusive for elephants are given below in table 7.5

Table 7.5-Elephant Census

SL NO.	Item	No. of animals (2005)	No. of animals (2007)	No. of animals (2010)	No. of animals (2012)
1	No. of Elephants	5135	6068	6026	6177
2	Male female ratio	1:3.38	1:2.96	1:2.71	1:1.68

Wild Elephant Census, 2010

Estimated population of elephants in different Forest Divisions of Kerala is given in Table 7.6.

Table 7.6-Estimated Population of Elephants

SI No.	Protected area / Territorial Forest division	No. of elephants sighted in the sampled blocks	Estimated elephant density (No. / km ²)
Territorial Division			
1	Thiruvananthapuram	88	0.4442
2	Thenmala	0	0.0000
3	Punalur	37	0.4395

Sl No.	Protected area / Territorial Forest division	No. of elephants sighted in the sampled blocks	Estimated elephant density (No. / km²)
4	Achenkovil	51	0.3178
5	Konni	43	0.2577
6	Ranni	186	0.4378
7	Kottayam	7	0.0749
8	Marayoor	0	0.0000
9	Mankulam	1	0.0794
10	Kothamangalam	4	0.0966
11	Malayattoor	284	1.2525
12	Munnar	9	0.0745
13	Vazhachal	100	0.7171
14	Chalakyudy	30	0.2699
15	Nenmara	4	0.0550
16	Palakkad	17	0.2764
17	Mannarkad	16	0.9385
18	Nilambur South	33	0.1924
19	Nilambur North	73	0.2536
20	Kozhikode	26	0.2494
21	Kannur	14	0.1220
22	Wayanad South	42	0.2521
23	Wayanad North	33	0.3116
Protected Area			
1	ABP Special Division	0	0.0000
2	Thiruvananthapuram WL	39	0.2981
3	Shendurney WLS	107	0.8931
4	Periyar Tiger Reserve	211	0.5430
5	Munnar WL	29	0.1951
6	Idukki WL	83	1.2976
7	Peechi WL	38	0.5184
8	Parambikulam WLS	74	0.5440
9	Silent Valley NP	1	0.0100
10	Aralam WLS	7	0.2461
11	Wayanad WLS	224	2.0718

Source: KFRI, Peechi

Elephants under possession of Kerala Forest Department

Division wise number of Elephants under possession as on 31.03.2014 is given in Table 7.7.

Table 7.7-Division wise number of Elephants under possession

Sl No.	Division	Number of Elephants
1	Konni	6
2	Malayattoor	8
3	Thiruvananthapuram Wildlife	9
4	Wayanad Wildlife	3
Total		26

Elephants implanted with Micro-chip

Details of Departmental Elephants implanted with Micro-chip as on 31.03.2014 are given in table 7.8.

Table 7.8-Departmental Elephants Implanted with Micro-chip

Division	Sl. No	Elephant	Micro-chip Number	Age (Years)	Sex	Height (cm)
Konni	1	Soman	00065DB7B1	69	Male	278
	2	Priyadarshini	00065EA5AF	28	Female	246
	3	Meena	000658C223	21	Female	244
	4	Surendran	00065D7F6D	13	Male	227
	5	Eva	00065D7EQ	11	Female	198
	6	Indrajith	00065EB8C4	14	Male	
Malayattoor	7	Sunitha	00065EAE98	42	Female	260
	8	Neelakandan	00065EA6E9	17	Male	276
	9	Asha	00065 8E6DD	9	Female	187
	10	Parvathy	000 65EB 28E	8	Female	182
	11	Anjana	000 65EA 472	7	Female	165
Thiruvananthapuram (WL)	12	Moni	00065EBD04	66	Male	275
	13	Jayasree	00065DA3H	41	Female	244
	14	Ammu	0006SD9SES	11	Female	222
	15	Minna	000658BFef	10 1/2	Female	220

Division	Sl. No	Elephant	Micro-chip Number	Age (Years)	Sex	Height (cm)
Wayanad (WL)	16	Surya	00065DAEE3	21	Male	
	17	Kunju	000658EF9E	23	Male	

Note: Total number of Captive Elephants implanted with microchip in the state is 702. Out of this 686 elephants are privately owned and 16 elephants are owned by the Department. So far, 87 deaths of micro chipped captive elephants are reported in the State. The present population of privately owned captive elephants in the state is 599.

Nilgiri Tahr Census

Details of estimations of Nilgiri Tahr is given in table 7.9

Table 7.9-Estimated population of Nilgiri Tahr

Year	Population of Nilgiri Tahr
2008	743
2009	747
2010	776
2011	831
2012	789
2013	879

Wild animals caught and released in the wild

During the year 2013-14, the Department Staff rescued the following wild animals and released to the wild after proper medication. List is given in Table 7.10.

Table 7.10-Wild Animals Rescued

Sl No.	Name	Nos	Sl No.	Name	Nos
1	Wild Makhna	01	10	Viper	72
2	Samba Deer	01	11	Other Snakes	12
3	Toddy Cat	02	12	Barn Owl	01
4	Python	105	13	Peacock	01
5	King Cobra	10	14	Brahminy Kite	01
6	Indian Cobra	111	15	Malabar Giant Squirrel	01
7	Jungle Cat	01			
8	Rat Snake	03			
9	Russell's Viper	11			

CHAPTEER- VIII

MISCELLANEOUS

Status on Working Plans

Working Plan is the main instrument of forest management and is defined as a written scheme of management aiming at continuity of policy (normally for a period of 10 years) controlling the treatment of forest. The status of Working Plans as on 31.03.2014 is given in Table 8.1.

Table 8.1-Status of Working Plan as on 31.03.2013

Sl No.	Division	Valid till	Status
1	Thiruvananthapuram	Mar-14	Field work about to start
2	Thenmala	Mar-19	Working Plan is current
3	Achenkoil	Mar-18	Working Plan is current
4	Punalur	Mar-21	Working Plan is current
5	Ranni	Mar-12	Field work in progress
6	Konni	Mar-11	Field work in progress
7	Kottayam	Mar-15	Working Plan is current.
8	Kothamangalam	Mar-12	Field work in progress
9	Munnar	Mar-20	Working Plan is current.
10	Marayoor	Mar-20	Working Plan is current.
11	Mankulam	Mar-22	Working Plan is current.
12	Thrissur	Mar-24	Working Plan is current
13	Chalakyudy	Mar-15	Working Plan is current.
14	Vazhachal	Mar-13	Field work in progress.
15	Malayattoor	Mar-12	Field work in progress.
16	Palakkad	Mar-19	Working Plan is current.
17	Nilambur (N)	Mar-11	Field work completed. Working Plan being drafted.
18	Nilambur (S)	Mar-11	Field work completed. Working Plan being drafted.
19	Nenmara	Mar-13	Field work is in progress.
20	Mannarkad	Mar-23	Working Plan is current.
21	Kozhikode	Mar-21	Working Plan is current.

Sl No.	Division	Valid till	Status
22	Kannur	Mar-23	Working Plan is current
23	Wayanad (N)	Mar-11	Field work is in progress.
24	Wayanad (S)	Mar-23	Working Plan is current
25	Kasargod	Mar-23	Working Plan is current

Forest Fire Statistics

During the year 2013-2014 a total of 525 no of incidents relating to forest fire have been reported amounting for a total destruction of 2633.15ha of forest area causing financial loss of `246300/-.The forest fire incidents reported, area affected and financial loss from 2008-2009 to 2013-2014 are given in Table 8.2.

Table 8.2-Details of Fire Incidents

Year	Number of Incidents	Area Destroyed by Fire (ha)	Financial Loss(₹)
2008-2009	871	5,473.858	83,580
2009-2010	596	2333.858	59,700
2010-2011	460	2364.414	67895
2011-2012	1017	5640.263	188525
2012-2013	564	2359.675	103606
2013-2014	525	2633.15	246300

Seedlings: Species wise number of seedlings raised during 2013-2014 is given in Table 8.3.

Table 8.3-Species wise number of Seedlings (in lakhs)

SI No.	Division	Teak	Mahogany	Sandal wood	Cane	Accacia	Accacia Mangium	Medicinal Plants	Mangrove	Casurina	Other Hardwood	Bamboo	Eucalyptus	Misc.	Total
1	Thiruvananthapuram		0.25					0.95			0.50			0.85	2.55
2	Thenmala	4.05				4.95	5.4						0.97	0.65	16.02
3	Punalur							0.13			0.29			0.75	1.17
4	Achencoil				0.375						0.175			0.98	1.53
5	Ranni							0.22			0.22			0.22	0.66
6	Munnar							0.075			0.32				0.395
7	Mankulam				0.1							0.1			0.2
8	Kottayam	1.75	0.001								0.09	0.15			1.991
9	Chalakydy	4.5	0.5			2.5						0.02		0.5	8.02
10	Vazhachal				0.25			0.15							0.40
11	Nilmbur North	2.368												0.30	2.668
12	Nilmbur South	0.85													0.85
13	Mannarkkad							0.40						0.11	0.51
14	Kannur	1.50	2.12				1.20		0.05						4.87
15	Kasargode		0.50											0.075	0.575
16	Wayanad South	0.08			0.07			0.30				0.82		0.625	1.895
17	S F, Tvpm	0.305	1.325	0.078										6.569	8.277
18	SF, Kollam	1.425	0.99	0.78					0.02					5.355	8.57

SI No.	Division	Teak	Mahogany	Sandal wood	Cane	Accacia	Accacia Mangium	Medicinal Plants	Mangrove	Casurina	Other Hardwood	Bamboo	Eucalyptus	Misc.	Total
19	SF,Pathanamthitta	0.1	1.208	0.2174										4.474	5.999
20	SF, Alapuzha	0.69	2.075	0.475					0.735					14.19	18.165
21	SF, Kottayam	0.59	2.339	0.095					0.195					7.701	10.92
22	SF, Idukki	0.09	0.648	0.029										2.887	3.654
23	SF, Ernakulam	0.02	1.038	0.114										2.503	3.675
24	SF, Thrissur	0.094	1.492	0.08										3.071	4.737
25	SF, Palakkad	0.4	1.354	0.103										2.893	4.75
26	SF, Malappuram	0.858	1.93											1.691	4.479
27	SF, Kozhikkode	0.4	1.226	0.0515										2.829	4.5065
28	SF, Wayanad	0.126	1.263									0.05		2.18	3.619
29	SF, Kannur	0.3	0.48	0.06										1.91	2.75
30	SF, Kasaragode	0.2	1.649	0.226										1.285	3.36
	Total	20.696	22.2388	2.3089	0.795	7.45	6.6	2.225	1.00	0.00	1.595	1.14	0.97	64.598	131.617

Tribal Settlements

A total of 780 Tribal Settlements are distributed in 33 Divisions of Kerala Forest Department. Abstract of tribal settlement in forests is shown in Table 8.4.

Table 8.4-Abstract of Tribal Settlements

No of Divisions	No. of Settlements	No. of Families	Area (ha)
33	780	28794	21962.10542

Circle wise details of tribal settlements, area and no. of families are given in Table 8.5.

Table 8.5-Circle / Division wise details of Tribal Settlements

Sl No.	Division	No. of Settlements	No. of Families	Extent (ha)
I	Southern Circle,Kollam			
1	Thiruvananthapuram	142	3311	3390.547
2	Thenmala	8	342	415.68
3	Punalur	10	693	230.3792
4	Achenkovil	1	119	36.4203
5	Konni	4	137	25.15
6	Ranni	21	1048	773.3120
	Total	186	5650	4871.4885
II	High Range Circle,Kottayam			
7	Kothamangalam	31	2940	3589.5167
8	Munnar	25	2185	997.34
9	Marayur	14	647	1058.4826
10	Mankulam	13	693	796.2
11	Kottayam	25	2469	2095.7526
	Total	108	8934	8537.2919
III	Central Circle,Thrissur			
12	Thissur	6	159	8.67
13	Chalakkudy	6	152	35.99
14	Vazhachal	9	267	44.58
15	Malayattoor	13	898	1116.56
	Total	34	1476	1205.8

Sl No.	Division	No. of Settlements	No. of Families	Extent (ha)
IV	Eastern Circle, Palakkad			
16	Nenmara	7	275	73.6817
17	Palakkad	22	434	95.5432
18	Mannarkkad	33	1010	826.3216
19	Nilambur North	26	863	301.2869
20	Nilambur South	11	442	31.2971
	Total	99	3024	1328.1305
V	Northern Circle, Kannur			
21	Kozhikkode	0	0	0
22	Kannur	33	1064	644.0000
23	Wayanad North	12	209	40.33
24	Wayanad South	104	2196	918.3308
	Total	149	3469	1602.6608
VI	ABP, Thiruvananthapuram			
25	Thiruvananthapuram WL	45	966	1144.5085
	Total	45	966	1144.5085
VII	FDPT, Kottayam			
26	Periyar East	3	657	194.188
27	Periyar West	1	317	215
28	Munnar WL	15	882	1301.3618
29	Idukki WL	12	626	711.2600
	Total	31	2482	2421.8098
VIII	Wildlife Circle, Palakkad			
30	Parambikulam WL	6	343	39.2667
31	Wayanad WL	100	1714	279.729
32	Peechi WL	9	157	54.2202
33	Silent Valley WL	13	579	477.2
	Total	128	2793	850.4154
	Grand Total	780	28794	21962.1054

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 2013-14 there were 400 numbers of VSSs and 190 numbers of EDCs. Detailed statistics on VSS/EDC are given in Tables 8.6 to 8.9.

Table 8.6-Division wise number of VSS

Sl No.	Territorial Division	No.of VSS
1	Thiruvananthapuram	20
2	Thenmala	11
3	Punalur	15
4	Konni	20
5	Ranni	34
6	Achencoil	6
7	Kottayam	13
8	Kothamangalam	10
9	Munnar	11
10	Marayoor	23
11	Mankulam	9
12	Malayattoor	17
13	Vazhachal	11
14	Chalakydy	10
15	Thrissur	21
16	Palakkad	11
17	Mannarkad	11
18	Nilambur South	14
19	Nilambur North	30
20	Nemmara	17
21	North Wayanad	17
22	South Wayanad	18
23	Kozhikode	17
24	Kannur	20
25	Kasargode	14
Total		400

Table 8.7-Division wise number of EDC

Sl No.	Wildlife Division	No.of EDC
1	Parambikulam	7
2	Aralam	3
3	Silent Valley	7
4	Wayanad	15
5	Peechi	12
6	Thiruvananthapuram	31
7	Shendurney	9
8	Idukki	9
9	Munnar	22
10	Periyar East	35
11	Periyar West	40
Total		190

Table 8.8-Detailed Statistics on VSS

Sl No.	Territorial Division	No.of VSS	Forest Area under VSS (ha)	No. of families		
				SC	ST	Others
1	Thiruvananthapuram	20	5936	394	1045	855
2	Thenmala	11	3200	332	408	1010
3	Punalur	15	4730	335	361	512
4	Konni	20	6905	266	92	1333
5	Ranni	34	5675	541	1053	2406
6	Achencoil	6	2700	181	141	288
7	Kottayam	13	3553	219	313	1465
8	Kothamangalam	10	2511	96	169	813
9	Munnar	11	11340	53	1047	577
10	Marayoor	23	1436	659	907	747
11	Mankulam	9	875	16	431	51
12	Malayattoor	17	26957	208	820	629
13	Vazhachal	11	14230	170	321	573
14	Chalakydy	10	4128	142	167	1598

Sl No.	Territorial Division	No.of VSS	Forest Area under VSS (ha)	No. of families		
				SC	ST	Others
15	Thrissur	21	3994	708	100	2455
16	Palakkad	11	2037	464	792	2009
17	Mannarkad	11	4976	75	537	512
18	Nilambur South	14	14099	199	328	1020
19	Nilambur North	30	22651	429	1203	4324
20	Nemmara	17	3407	667	302	2288
21	North Wayanad	17	13740	12	1538	839
22	South Wayanad	18	4416	67	1036	2519
23	Kozhikode	17	3901	310	95	2215
24	Kannur	20	5256.06	177	1608	3724
25	kasargode	14	2480.20	342	411	2036
Total		400	175133	7062	15225	36798

Table 8.9-Detailed Statistics on EDC

Sl No.	Wildlife Division	No.of EDC	Forest Area under EDC (ha)	No. of families		
				SC	ST	Others
1	Parambikulam	7	43	11	277	58
2	Aralam	3	1375	0	623	0
3	Silent Valley	7	869	23	184	197
4	Wayanad	15	0	18	716	70
5	Peechi	12	2800	178	171	487
6	Thiruvananthapuram	31	0	972	843	470
7	Shendurney	9	1950	207	0	346
8	Idukki	9	3850	0	276	473
9	Munnar	22	0	432	778	1251
10	Periyar East	35	0	309	526	1827
11	Periyar West	40	0	1621	0	1736
Total		190	10887	3771	4394	6915

Vanasree Ecoshops

During the year 2011-2012, Vanasree ecoshops are started in various places to enable the Vana Samrakshana Samithies to sale processed and semiprocessed non timber forest products collected by Adivasis from forest areas. The profits from these outlets are being ploughed back to the MFP collectors through the VSS. The public will also be getting unadulterated and genuine forest products from these outlets. The details of these outlets as on 31.03.2014 are shown in Table 8.10.

Table 8.10-Division wise Location of Ecoshops

Sl No.	Division	Name of Vanasree Unit
1	Thiruvananthapuram	Forest Headquarters, Thiruvananthapuram
2	Thiruvananthapuram	Mobile Vanasree Unit
3	Thiruvananthapuram Wildlife	Neyyar
4	Achenkoil	Manalar - Kumbhavurutty
5	Thenmala	Palaruvi
6	Punalur	Ayur
7	Konni	Konni
8	Ranni	Kochandi
9	SF, Alappuzha	Kommadi
10	Malayattoor	Kodanad
11	Malayattoor	Paneliporu
12	Malayattoor	Thommankuthu
13	Malayattoor	Mobile Vanasree Unit
14	Chalakyudy	Chalakyudy
15	Vazhachal	Athirappally
16	Vazhachal	Vazhachal
17	Munnar Wildlife	5 th Mile
18	Munnar Wildlife	Alampetty
19	Munnar Wildlife	Anamudi Shola
20	Munnar Wildlife	Lakkam

Sl No.	Division	Name of Vanasree Unit
21	Munnar Wildlife	Rajamala
22	Periyar East	Thekkady
23	Parambikulam, Wildlife	Parambikulam
24	Parambikulam, Wildlife	Malampuzha
25	Parambikulam, Wildlife	Anappady
26	Silent Valley National Park	Mukkali
27	South Wayanad	Soochippara
28	South Wayanad	Pakkom-Kuruva
29	North Wayanad	Mananthavady
30	North Wayanad	Plamoola
31	North Wayanad	Thrissileri
32	North Wayanad	Kalindi
33	Nilambur North	Aruvakode
34	Nilambur South	Nedumgayam (Manjeri)
35	Wayanad Wildlife	Muthanga
36	Marayoor	Marayoor
37	Schenduruny Wildlife	Schendurney

Eco-Tourism Destinations

District wise number of Eco-Tourism Destinations in the State under Forest department is given in Table 8.11.

Table 8.11-District wise number of Destinations

Sl No.	District	No. of Destination
1	Thiruvananthapuram	6
2	Kollam	3
3	Pathanamthitta	2
4	Alappuzha	0
5	Idukki	8
6	Kottayam	1
7	Ernakulam	6
8	Thrissur	3
9	Palakkad	7
10	Malappuram	2
11	Kozhikkode	7
12	Wayanad	7
13	Kannur	1
14	Kasaragode	1
Total		54

Table 8.12-Details on Kerala's Ecotourism Destinations

Sl No	Name of District and Destination	Importance	How to Reach	Facilities Available	Entrance Fee/Service Charges	Contact
I	Thiruvananthapuram District					
1	1. Agastyarvanam Biological Park	Endemic Medicinal Plants, Rich Bio Diversity, Contiguous to Neyyar Wildlife Sanctuary and Peppara Wildlife Sanctuary	35 Km from Trivandrum	Kottoor Elephant Rehabilitation Centre, Trekking to Agastiar Peak, Trekking in the wilderness, Videography and Bird watching	Entrance Fee Rs.10/- Agasthyar Peak trekking fee Rs.200/- per person during season and Rs.4000/ per 5 persons during offseason	Wildlife Warden, Thiruvananthapuram Mobile:9447979082
2	2. Neyyar	Neyyar Wildlife Sanctuary - Declared in 1958 - Ideal Genepool Reserve - Agasthiarmalai Region	30 Km from Trivandrum 11 Km from Kattakkada	Lion Safari Park, Crocodile Farm, Neyyar Dam, Trekking, Boating in Neyyar Lake	Eco tourism package Rs 200/ per indian, Rs 300/- per foreigner and Rs 100/- per child	Wildlife Warden, Thiruvananthapuram Mobile:9447979082
3	3. Peppara	Peppara Reservoir, Wildlife Sanctuary	44 Km from Trivandrum	Trekking to Forest area - Water falls, Visit to Tribal settlements	Entrance fee Rs 10/-+ Service Charge Rs 25/- per person	Wildlife Warden, Thiruvananthapuram Mobile:9447979082
4	4. Ponmudi	Hill Station - Elevation 1100 m from MSL	61 KM from Trivandrum	Bathing ghats, Watch tower, Toilets, Change rooms, Trekking to the falls, Signage's, Cafeteria	Rs 10/- per person	Divisional Forest Officer, Thiruvananthapuram, Mobile 9447979038

Sl No	Name of District and Destination	Importance	How to Reach	Facilities Available	Entrance Fee/Service Charges	Contact
5	5. Arippa	Forest Guards Training Center Evergreen forest	60 Km from Trivandrum	Excellent opportunities for trekking, bird watching, Luxuriant Vegetation of Kambakom. Camping facilities, Cottages, Rest House	Accommodation Rent as per Government Orders	Principal, Forest Training School, Arippa Mobile -9447979171
6	6.Kallar	Waterfalls in the evergreen forests in foot hills of Ponnudi	29 Km from Trivandrum	Visit to waterfalls bathing in the river.	Rs 20/- Per person	DFO Trivandrum Mobile -9447979038
II	Kollam District					
7	1. Manalar Kumbhavurutti (Achencovil)	Evergreen forests and Temple of Lord Ayyappa.	104 Km from Trivandrum 30 Km from Schenkotta	Pilgrimage, Achencoil River, Waterfalls, Trekking, Visit to teak plantations	Rs 10/- per person	Divisional Forest Officer, Achencoil Mobile 9447979032
8	2.Palaruvi (Thenmala)	Water Falls, Bourdelon Plot - Oldest Teak Plantation	75 Km from Kollam	Water Falls, Bathing ghats, Visit to remains of the historical structures,	Rs 10/- per person	Divisional Forest Officer, Thenmala, Mobile 9447979037
9	3.Shendurney	Shendurney wildlife sanctuary	66Km from Kollam	Trekking, boating, Canoeing in forests	Rs 10/- Per person Trekking Rs 2000 for 10 Persons	Wildlife warden Shendurney Mobile 9447979081
III	Pathanamthitta District					
10	1. Konni	Forest based ecotourism development with focus on captive elephants	7 kms from Pathanamthitta	Trekking, Rock climbing, Elephant safari, Wilderness camping, River cruise by rafting,	Rs.10/- per adult	Divisional Forest Officer, Konni Mobile 9447979033

Sl No	Name of District and Destination	Importance	How to Reach	Facilities Available	Entrance Fee/Service Charges	Contact
				Wildlife watching, Bird watching, Elephant rides, Soft treks, Visit to nearby waterfalls or rock tops, A bath in the Achankovil river		
11	2. Kochandy	Evergreen forests	65 kms from Pathanamthitta	Trekking	Rs 30/- per person	Divisional Forest Officer, Ranni Mobile 9447979035
IV	Kottayam District					
12	1.Chellarkovil	Forest area bordering Tamilnadu,mountainous landscape	12 Km from Kumily	Include number of huts,a lovely watch tower,pathways a herbarium of medicinal plants,atourist amenity centre and an Ecoshop.	Rs 15/-Per person	DFO Kottayam Mobile 9447979043
V	Idukki District					
13	1. Kolahala Medu	Hill Station, Grass land	7 Kms from Peermedu	Hill Station, Grass Land, Adventorous trekking, Pine plantation, Peermuhammed Kabar	NIL	Divisional Forest Officer, Kottayam Mobile 9447979043

Sl No	Name of District and Destination	Importance	How to Reach	Facilities Available	Entrance Fee/Service Charges	Contact
14	2. Kuttikkanam	Hill Station, Wagamon	2 Km from Peermedu	Hill Station, Grass Land, Adventorous trekking, Pine plantation, Peermuhammed Kabar	NIL	Divisional Forest Officer, Kottayam Mobile 9447979043
15	3. Thekkady	Periyar Tiger Reserve, Mullaperiyar Dam	3Km from Kumily	Best place to observe wild animals at close quarters while cursing in the safety of a boat in Periyar Lake, Jungle camping, bamboo groves, Tribal hamlets, Rajiv Gandhi Interpretation Centre, Mullaperiyar Dam	Rs 25/- per Adult, Rs 5/- per child and Rs 300/- per foreigner	Deputy Director, Periyar Tiger Reserve East Division Mobile 9447979091
16	4. Rajamala / Eravikulam	Eravikulam National Park, Nilgiri Thar	12 Km from Munnar	Visit to Rajamala, Rolling grass lands, Eravikulam Hut, Lakkam falls, Trekking, Birdwatching, Visit to Shola National Parks & Neelakurunji sanctuary	Rs 15/- Adult, Rs 5/- per child and Rs 200/- per foreigner	Wildlife Warden, Munnar Mobile 9447979093

Sl No	Name of District and Destination	Importance	How to Reach	Facilities Available	Entrance Fee/Service Charges	Contact
17	5. Idukki	Idukki Arch Dam, Wildlife Sanctuary	Idukki	Boating, wildlife viewing, honeymoon cottages, Nature education	NIL	Wildlife Warden, Idukki Mobile 9447979094
18	6. Thommankuthu	Thomankoothu waterfall is not one single fall but comprises a series of 12 falls over a distance of 5km. The height difference between first and the last one is about 500m. All the 12 falls or Kutthu (locally Known) passes through lush evergreen forests	20 kms from Thodupuzha	Trekking, bathing ghats, site seeing, Walk through lush evergreen forest, bird watching	Rs 10/- per Adult and Rs 5/- per child	Divisional Forest Officer, Kothamangalam Mobile 9447979042
19	7. Chinnar	Wildlife Sanctuary	40 Km from Munnar	Viewing diversity in Altitude, Flora and Fauna, Marayoor Sandal forests, Sandal depot, Pambar Water falls, Tribal hamlets, Chinnar pleatuu, Bird watching, Riparian Forests	NIL	Wildlife Warden, Munnar Mobile 9447979093
20	8. Munnar	Cheeyappara Waterfall	40km from Munnar.30km from Neryamangalam	Waterfall	NIL	Range Officer, Neryamangalam Mobile 8547601424

Sl No	Name of District and Destination	Importance	How to Reach	Facilities Available	Entrance Fee/Service Charges	Contact
VI	Ernakulam District					
21	1. Bhoothankettu	Bhoothankettu Dam	70 Kms from Ernakulam	Boating in reservoir, Trekking	NIL	Divisional Forest Officer, Malayattoor Mobile 9447979053
22	2. Thattekkad Bird Sanctuary	Bird Sanctuary	65 Kms from Ernakulam	Bird and butterfly watching, Machans, wildlife viewing, boating, nature education centre	Rs 10/- per person	Wildlife Warden, Idukki Mobile 9447979094
23	3. Mangalavanam	Bird Sanctuary	Ernakulam	A green belt located in the heart of Ernakulam city, Backwaters and the sea. Bird sanctuary. Roosting place of many varieties of birds both resident and migratory.	NIL	Assistant Conservator of Forests, Nature Education Centre, Kalady Phone: 0484-2397070
24	4. Kodanad / Kaprikad	Mini Zoo	40 Kms from Ernakulam	'Elephant Kraal', Mini zoo, Trekking	Rs 2/- per person	Divisional Forest Officer, Malayattoor Mobile 944797953
25	5. Mulamkuzhy	Periyar River bank for natural bath.	32 Kms from Angamaly	Natural bathing facility, Trekking through the Mahagony plantation	Rs 10/- per person	Divisional Forest Officer, Malayattoor Mobile 944797953

Sl No	Name of District and Destination	Importance	How to Reach	Facilities Available	Entrance Fee/Service Charges	Contact
26	6. Paniyeli Poru	Waterfalls	35 Kms from Aluva Railway Station and 20 Kms from Perumbavoor	Walk around the banks and can cross the Periyar River to the half by walking on the tops of rocks.	Rs 10/- per person	Divisional Forest Officer, Malayattoor Mobile 944797953
VII	Thrissur District					
27	1. Athirapally - Vazhachal	Water falls	60 Km from Trichur	Atirappally water falls, bathing ghats, childrens park	Rs 15/- Adult, Rs 5/- per child Rs 9/- Student and Rs 30/- per foreigner	Divisional Forest Officer, Vazhachal Mobile 9447979055
28	2. Chimmony	Wildlife Sanctuary	40 Kms from Trichur	Bird watching, trekking, Paid camp, Nature education camp facilities, Wildlife viewing, Interior forest trekking and Camping facilities	Rs 10/- Adult, Rs 5/- per children below 12years, and Rs 150/- per foreigner	Wildlife Warden, Peechi Mobile 9447979103
29	3. Peechi -Vazhani	Wildlife Sanctuary	20 Kms from Trichur	Bird watching, trekking, Paid camp, Nature education camp facilities and Interior forest trekking	Rs 20/- Adult, Rs 10/- per children below 12years, and Rs 150/- per foreigner	Wildlife Warden, Peechi Mobile 9447979103
VIII	Palakkad District					
30	1. Chulannoor	Peacock Sanctuary	40 Kms from Palghat	Bird watching, trekking, Paid camp, One day nature education camp facilities,	Rs 20/- Adult, Rs 10/- per children below 12years, and Rs 150/- per foreigner	Wildlife Warden, Peechi Mobile 9447979103

S1 No	Name of District and Destination	Importance	How to Reach	Facilities Available	Entrance Fee/Service Charges	Contact
31	2. Nelliampathy	Hill Station - Poor mans Ootty	40 Km from Palghat	Wildlife Viewing, Trekking, Beautiful land scape	Rs 15/- Adult, Rs 8/- Student, Rs 30/- per foreigner	Divisional Forest Officer, Nemmara Mobile 9447979062
32	3. Silent Valley	National Park	60 Kms from Palghat	Visit to Wet evergreen Forests, Trekking, Nature education	Rs 35/- adult(including watch tower fee), Rs 25 for students and Rs 220/- per foreigner	Wildlife Warden, Silent Valley NP Mobile 9447979104
33	4.Palakkad, Parambikulam	Tiger Reserve	90 Km from Palakkad, 100 Km from Coimbatore and 42 Km from Pollachi	Vehicle safari, Trekking, Bird watching, Wildlife viewing, Camping facilities (Tented niche, Honey comb, Tellikal nights, Vettikunnu Island, Tree top huts, Sambar machan, Cheetal Valley, Bison Valley etc) Paid Nature camps	Entrance Fee Rs 15/ Adult, Rs 5/Children below 12 years and Bonafide students. Vehicle Safari:150/ Person (Covers 52 Km in Three and Half hours time)	Information Centre, Parambikulam Tiger Reserve, Anappady, Thunacadavu (PO), Palakkad - 678661 Phone : 04253 - 245025, 04253 -245005 Mobile: 09442201690, email:bookings@parambikulam.org website:www.parambikulam.org, Wildlife Warden - 09447979102
34	5. Malampuzha	Malampuzha Dam	6 Kms from Palghat	Boating in Reservoir, Snake park	Rs 10/- per adult, Rs 5/- per child	Divisional Forest Officer, Palakkad Mobile 9447979067
35	6. Walayar	Walayar Dam	31 Kms from Palghat	Deer Park, Reservoir	Rs 5/- per adult, Rs3/- per child	Divisional Forest Officer, Palakkad Mobile 9447979067

Sl No	Name of District and Destination	Importance	How to Reach	Facilities Available	Entrance Fee/Service Charges	Contact
36	7.Ananganmala	Panoramic View	45 Km from Palghat	Trekking, Panoramic view & beautiful land scape.	Rs 10/- per adult, Rs 5/- per child	Divisional Forest Officer, Palakkad Mobile No 9447979067
IX	Malappuram District					
37	1. Nilambur	Teak Forests	Nilambur	Conolly Teak plot, Chaliyar River cruise.	Rs 20/- for adult, Rs 10/- per students and Rs 40/- per foreigner	Divisional Forest Officer, Nilambur North Mobile 9447979063
38	2. Nedumkayam, Nilambur	Teak Forests, Elephant Kraal	15 Km from Nilambur	Elephant Kraal, Visit to Dawson Girder Bridge, Dawson Grave Yard and Karimpuzha River	Rs 10/- for adult, Rs 5/- per students	Divisional Forest Officer, Nilambur South Mobile 9447979065
X	Kozhikode District					
39	1. Kakkayam	Kakkayam Dam, Malabar Wildlife Sanctuary, Urakuzhi Water Falls	60 from Kozhikode	Waterfalls, Trekking in hillocks, Nature study, Site seeing, Hanging Bridge	Rs 10/- for adult, Rs 5/- per students	Divisional Forest Officer, Kozhikode Mobile 9447979073
40	2.Peruvannamuzhy	Malabar Wildlife Sanctuary, Reservoir, Crocodile Rescue Center, Dam, Indian Institute of Spices Research, Agricultural Farm Koothali	60 from Kozhikode	Waterfalls, Trekking, Crocodile rescue centre, Education and Awareness	Rs 10/- for adult, Rs 5/- per students	Divisional Forest Officer, Kozhikode Mobile 9447979073

Sl No	Name of District and Destination	Importance	How to Reach	Facilities Available	Entrance Fee/Service Charges	Contact
41	3. Chaliyam	Horthus Malabaricus Sasya Sarvaswam, Medicinal garden	10Km from Kozhikode	Medicinal garden, Snake Rescue Centre, Birds Rescue Centre, Interpretation Centre	Rs 10/- for adult, Rs 5/- per students	Divisional Forest Officer, Kozhikode Mobile 9447979073
42	4. Kadalundi- Vallikunnu Community Reserve	The 1st Community Reserve in India	12 Km from Kozhikode	Mangrove Area, Estuary, Bird Sanctuary, Interpretation Center	-	Divisional Forest Officer, Kozhikode Mobile 9447979073
43	5.Thusharagiri	3 Water falls	50 from Kozhikode	Waterfalls, Trekking, Nature Education, Handing Bridge	Rs 10/- for adult, Rs 5/- per students	Divisional Forest Officer, Kozhikode Mobile 9447979073
44	6. Kakkad	Natural Forest	40 Km from Kozhikode	Stream, Trekking, Natural Forest Trekking	Rs 10/- for adult, Rs 5/- per students	Divisional Forest Officer, Kozhikode Mobile 9447979073
45	7. Janakikkad	Low Elivation Ever Green Forest	50 from Kozhikode	Stream through dense jungle, Forest Library, Trekking, Interpretation Centre	Rs 10/- for adult, Rs 5/- per students	Divisional Forest Officer, Kozhikode Mobile 9447979073
XI	Wayanad District					
46	1. Tholpetty	Wildlife Sanctuary	50 Km from Sultans Battery	Trekking, Jeep Safari, Elephant and Wildlife	Rs 20/- per adult Rs 10/- per child Rs 110/- per foreigners	Wildlife Warden, Wayanad Mobile 9447979105

S1 No	Name of District and Destination	Importance	How to Reach	Fecilities Available	Entrance Fee/Service Charges	Contact
47	2. Muthanga	Wildlife Sanctuary	15 Km from Sultans Battery	Trekking, Jeep Safari	Rs 20/- per adult Rs 10/- per child Rs 110/- per foreigners	Wildlife Warden, Wayanad Mobile 9447979105
48	3. Kuruva Islands	Island rich in riparian	36 Km from Sultans Battery	Visit to riparan forest, rafting	Rs 10/- per adult Rs 5/- per child Rs 40/- per foreigner	Divisional Forest Officer, South Wayanad Mobile 9447979075
49	4. Thirunelli	Temple, Pakshipathalam	71 Km from Sultans Battery	Rain forests, shola, Trekking	1 to 5 Adult Rs. 800/- for Indians 1 to 5 Adults Rs. 1000/- for foreigners	Divisional Forest Officer, North Wayanad Mobile 9447979074
50	5. Banasuramala	Reservoir	48 Km from Sultans Battery	Water body	NIL	Divisional Forest Officer, South Wayanad Mobile 9447979075
51	6. Mananthavady	Hill staion	50 Km from Sultans Battery	Waterfalls	NIL	Divisional Forest Officer, North Wayanad Mobile 9447979074
52	7. Meenmutti	Waterfall in forests	31 Km from Kalpetta	Visit to waterfalls	Rs 20/-Per person	DFO Wayanad South Mobile 9447979075

Sl No	Name of District and Destination	Importance	How to Reach	Fecilities Available	Entrance Fee/Service Charges	Contact
XII	Kannur District					
53	1. Aralam	Aralam wildlife sanctuary is the only protected area in Kannur District and is the northern most sanctuary in Kerala	52 km	Nakshtravanam, suspension bridge, Nature trail, Bathing Ghat facility, Bamboo raft, Tree huts, Bhoothamkallu, and viewpoint.	Rs 15/- per adult, Rs 7/- per student Rs 150/- per foreigner	Wildlife Wardn, Aralam Mobile 9447979101
XIII	Kasargode District					
54	1. Ranipuram	High elevation forest, Grassland at 1500 feet	45 Kms from Kanjangad	Trekking	NIL	Divisional Forest Officer, Kannur Mobile 9447979074

Income from Eco-Tourism Activities

An Amount of `64083555 has been generated towards eco-tourism activities in various Eco-Tourism centres in 17 Territorial Divisions in the state.Division wise details are given below in table 8.13.1

Table 8.13.1.-Details of Tourists and income generated from Eco-Tourism activities in Territorial Divisions of kerala forest department during 2013-14

Sl. No	Division	Name of Range	Location of Eco-Tourism Centre	Native Visitors (nos)	Foreigners (nos)	Students (nos)	Total Visitors (nos)	Income Generated (in `)
1	2	3	4	5	6	7	8	9
1	Thiruvananthpuram	Palode	Ponmudi	205229	0	16310	221539	5880696
			Mankayam	26932	0	1498	28430	651945
		Paruthippally	Kallar	26656	696	2919	30271	655850
2	Thenmala	Aryankavu	Palaruvi	249885	191	12503	262579	3255995
3	Achencovil		Manalar-Kumbhavuruty	187396	0	0	187396	4386055
4	Ranni	Goodrical	Pachakkanam	23168	4	0	23172	695280
5	Konni	Konni	Konni	72342	328	13477	86147	2129175
6	Kothamangalam	Kaliyar	Thommankuthu	37490	158	3705	41353	759535

Sl. No	Division	Name of Range	Location of Eco-Tourism Centre	Native Visitors (nos)	Foreigners (nos)	Students (nos)	Total Visitors (nos)	Income Generated (in `)
1	2	3	4	5	6	7	8	9
7	Kottayam	Kumily	Chellarcoil	5328	760	779	6867	68670
8	Vazhachal	Charpa	Athirappally	971579	10243	103036	1084858	20457686
			Vazhachal	75527	313	1902	77742	1554349
9	Malayattoor	Kodanad	Paniyeli Poru VSS	86755	0	0	86755	1029890
10	Mannarkkad	Agali	Siruvani	2210	20	383	2613	355370
11	Nilambur North		Canolly's Plot	112113	182	0	112295	2119025
12	Nilambur South	Karulai	Nedumgayam	16769	13	3006	19788	377655
13	Palakkad	Ottappalam	Ananganmala	20278	0	0	20278	250206
		Olavakkode	Meenvallam Waterfall	13867	0	0	13867	102860
			Dhoni Waterfall	7409	0	0	7409	84240
14	Nemmara	Kollengode	Minnampara	23038	0	0	23038	1552500
15	Kozhikode	Thamarassery	Thusharagiri	79167	3895	9873	92935	918935
			Kakkvayal	15435	0	1860	17295	163650

Sl. No	Division	Name of Range	Location of Eco-Tourism Centre	Native Visitors (nos)	Foreigners (nos)	Students (nos)	Total Visitors (nos)	Income Generated (in `)
1	2	3	4	5	6	7	8	9
		Peruvannamuzhi	Kakkayam	34792	0	349	35141	349665
	Kozhikode	Peruvannamuzhi	Pannikottoor	22456	0	8202	30658	265570
			Janakikkad	8210	7	2749	10966	95102
16	North Wayanad		Pakshipathalam Trekking	1118	190	0	1308	184135
			Brahmagiri Trekking	124	104	0	228	108500
17	Wayanad South	Kalpetta Meppady Chedalathu	Banasura Meenmutty Soochippara Chembra Peak Pakkom Kuruva	356765	3711	111996	472472	15865746
			Total	2682038	20815	294547	2997400	64318285

An amount of `66517641 has been generated towards Eco-Tourism activities in National Parks and Sanctuaries in Wildlife Divisions in the State. Division wise details are given below in table 8.13.2

Table 8.13.2-Details of Tourists and income generated from Wildlife Sancuaries and National Parks in Wildllife Divisions of Kerala Forest Department during 2013-14

Sl. No	Name of Wildlife Sanctuary	Revenue District	Division	Native Visitors (nos)	Foreigners (nos)	Students (nos)	Total Visitors (nos)	Income Generated (in `)
1	2	3	4	5	6	7	8	9
1	ABP Range , Kottoor	Thiruvananthapuram	TVPM WL Division	23144	5143	5118	33405	1316180
2	Neyyar WLS	Thiruvananthapuram	TVPM WL Division	75156	3687	1055	79898	7839933
3	Peppara WLS	Thiruvananthapuram	TVPM WL Division	6164	17	2264	8445	157300
4	Periyar Tiger Reserve	Idukki& Pathanamthitta	Periyar East	597810	45655	20565	664030	18202975
5	Thattekad Bird Sanctuary	Eranakulam	Idukki WLS	43568	603	7103	51274	490015
6	Wayanad WLS	Wayanad	Wayanad WLS	79277	4683	22976	106936	3269614
7	Parambikulam Tiger Reserve	Palakkad	Parambikkulam	50185	385	696	51266	23564217
8	Silent Valley NP	Palakkad	Silentvalley	14573	126	3478	18177	850385
9	Eravikulam NP	Idukki	Munnar wildlife	324247	11688	81373	417308	9376041

Sl. No	Name of Wildlife Sanctuary	Revenue District	Division	Native Visitors (nos)	Foreigners (nos)	Students (nos)	Total Visitors (nos)	Income Generated (in
10	Chinnar WLS	Idukki	Munnar wildlife	11806	2328	2283	16417	417466
11	Pampadum Shola NP	Idukki	Munnar wildlife	8799	190	0	8989	203705
12	Chimmony WLS	Thrissur	Peechi	34383	54	1067	35504	729745
13	Aralam WLS	Kannur	Aralam	6339	16	2307	8662	100065
	Total			1275451	74575	150285	1500311	66517641

Tribal Co-operative Societies

Details of Tribal Co-operative Societies allowed for the collection of Minor Forest Produce during 2013-2014 are shown in table 8.14.

Table 8.14-Division / Range wise details of Tribal Co-operative Societies

Sl. No.	Division	Range	Name of Society
1	Thiruvananthapuram	Kulathupuzha	Pottamavu ST Service Co-op Society, Reg. No. T618
2		Paruthippally	Pottamavu ST Co-op Society, Madathara P. O
3	Thenmala	Aryankavu	Aryankavu Girijan Co-op. Society, Aryankavu
4	Achencoil	Kanayar	ST Co-op. Society, Aryankavu No. Q-978
5	Punalur	Anchal	Rattan-6 bundle
6	Ranni	Ranni	Chollanavayal Girijan Service Co-op. Society Ltd. No. Q 759 Adichippuzha
7		Vadasserikkara	Perunthenaruvi Girijan Service Co-op. Society Ltd No. Q 763,Vechoochira P.O
8		Goodrical	Seethathodu- Chittar Tribal Co-op. Society.
9	Mankulam	Mankulam, Anakulam	Adimali Girijan Service Society
10	Munnar	Adimali, Neriyaamangalam	Adimali Girijan Service Co-op Society No. 3887
11	Kottayam	Nagarampara, Ayyappancovil	Vazhathope ST Service Co-op. Society, Idukki
12	Kothamangalam	Thodupuzha	Tribal Co-op. Society, Vazhathoppe

Sl. No.	Division	Range	Name of Society
13	Thrissur	Vadakkancherry, Machad, Pattikkad	Thalappilly Tribal Service Co-op. Society No. 673, Eravimangalam, Thrissur
14	Chalakydy	Pariyaram, Palappilly, Vellikulangara	Palappilly Girijan Service Co-op. Society Ltd No. 3896
15	Palakkad	Olavakkode, Walayar	Malampuzha Pattikavarga Service Co-op. Society
16	Mannarkad	Agali	Sholayar Girijan Co-op. Society
17		Attappadi, Mannarkad	Kurumba Tribal Co-op Society
18	Nemmara	Nelliyampathi, Kollengode	Pattikavarga Sevana Sahakarana Sangam, Malampuzha.
19	Nilambur North	Edavanna, Nilambur, Vazhikkadavu	Nilambur Scheduled Tribe Co-op. Society, Ramankuth
20	Nilambur South	Kalikavu, Karulai	Nilambur Tribal Co-op. Society (No. M/114)
21	Wayanad South	Chedleth	Pulpally ST Co-op. Society
22			Sulthan Bathery ST Co-op. Society
23		Meppady, Kalpetta	Meppady ST Co-op. Society
24	Wayanad North	Begur	Thirunelly Tribal Co-op. Society, Thirunelly. P.O, Appapara
25	Kozhikkode	Kuttiadi, Thamarasserry, Peruvannamuzhy	Vilangad ST Service Co-op. Society
26	Kannur	Thalipparamba, Kottiyoor, Kannavam	Nedumpoyil ST Service Co-op. Society, Nedumpoyil

Timber Depots

A total of 29 number 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 31.03.2014 are in Table 8.15.

Table 8.15-Circle wise number of Timber Depots

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 8.16.

Table 8.16-Circle wise details on Timber Depots

Sl. No.	Circle	Sales Division		Depots
1	Southern Circle, Kollam	Thiruvananthapuram	1	Kulathoopuzha
			2	Thenmala
			3	Arienkavu
			4	Mullumala (Annex)
			5	Achenkovil
		Punalur	6	Kadakkamon
			7	Pathanapuram
			8	Konni
			9	Arekkakavu
			10	Thooyam (Tuet)
			11	Veeyapuram
2	High Range Circle, Kottayam	Kottayam	12	Parampuzha
			13	Vettikkad
			14	Thalakkode
			15	Kothamangalam
3	Central Circle,	Perumbavoor	16	Vittoor

Sl. No.	Circle	Sales Division		Depots
	Thrissur		17	Varapuzha
			18	Mudikkal
			19	Chalakkudy
			20	Chettikulam
4	Eastern 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