



सत्यमेव जयते

**GOVERNMENT OF GUJARAT**

# **GUJARAT FOREST STATISTICS**

**2007**

**COMPILED BY**

**PROJECT PLANNING, MONITORING & EVALUATION CELL**

**OFFICE OF THE**

**PRINCIPAL CHIEF CONSERVATOR OF FORESTS  
GUJARAT STATE, GANDHINAGAR.**

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## FOREWORD

Forestry Statistics plays an important role for analysis, preparation of project and project analysis for any future course of action. Data analysis helps in the project planning forest statistics are published every year to facilitate not only the forest department but also other researchers and scholars. This booklet is continuation of the series of the same publication. It contains data on all important aspects of Forestry and Wildlife. I am sure this booklet will be helpful in providing information for planning and implementation of various schemes and projects, it will also help in improving the achievement further for forest management so that the forest can meet the aspiration of local dwellers.

Statistical unit under project planning and monitoring and evaluation of this office has made efforts for collection and compilation of data. It is a strenuous task but still under the guidance of Shri K.T. Parmar Dy. Conservator of Forests (PPME) and Shri D.S. Narve Chief Conservator of Forests (PPME) this could be completed. Efforts of all particularly officers are appreciated. I congratulate them for bringing out the report timely.

May, 2009  
Gandhinagar

Dr. M.L. Sharma  
Prin. Chief Conservator of Forests  
Gujarat State, Gandhinagar.

## PREFACE

The booklet of this kind has been published with a view to provide ready information about Gujarat Forest on various aspects of Forestry and Wildlife such as forest area, outturn of major and minor forest produce, achievements under different annual plans & programmes, Wildlife Sanctuaries and National parks, staff organization, revenue and expenditure and other relevant topics. This report mainly contains information for the year 2006-07.

The information has been compiled on the basis of the data collected from various forest offices located at the circle/ divisional level and from different wings of the department. Some data has been collected from relevant publications of State and Central Governments.

I hope that this publication will be of immense use to all interested in protection, propagation, Conservation and Management of Forestry, Wildlife & Environment and its development.

I am thankful to Deputy Director and his staff & Dy. Conservator of Forests, P.P.M.E. and all concern who have contributed in bringing out this report.

May, 2009.  
Gandhinagar

D.S. Narve.  
Chief Conservator of Forests,  
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Gandhinagar.

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## 1. GENERAL

### 1.1 Important Statistics at a Glance

Sr. No.	Particulars	Unit	Position
1	2	3	4
<b>I</b>	<b>Administrative set-up</b>		
	(a) Geographical Area	Sq./km.	196024
	(b) Districts	Number	25
	(c) Talukas	Number	226
	(d) Villages (2001 Census)	Number	18539
	(e) Towns	Number	242
	(f) Cities	Number	27
	(g) Municipal Corporations	Number	7
	(h) Municipalities	Number	172
	(i) District Panchayats	Number	25
	(j) Taluka Panchayats	Number	226
	(k) Village Panchayats	Number	13753
	(l) Members of Lok Sabha	Number	26
	(m) Members of Rajyasabha	Number	11
	(n) Members of Legislative Assembly	Number	182
<b>II</b>	<b>Population (2001 Census)</b>		
	(a) Males	(' 000 Number)	26386
	(b) Females	(' 000 Number)	24285
	<b>Total</b>		<b>50671</b>
	(c) Rural	(' 000 Number)	31741
			62.64
	(d) Urban	(' 000 Number)	18930
			37.36
	<b>Total</b>		<b>50671</b>
	(e) Scheduled Caste Population (2001)	(' 000 Number)	3593
	(f) Percentage of Scheduled caste Population to the total Population		7.09
	(g) Scheduled Tribe Population (2001)	(' 000 Number)	7481
	(h) Percentage of Scheduled Tribe Population to the total Population		14.76
	(i) Literacy Rate (Census 2001)	Percent	69.14
	(j) Density of Population (2001)	Persons/sq.km	258
	(k) Decadal Growth of Population (2001)	Percent	22.66
	(l) Sex Ratio (2001)	Females per 1000 Males	920
<b>III</b>	<b>Net State Income (2006-2007 (Q)) *</b>		
	(a) At Current prices	Rs.Crore	254533
	(b) Per capita Income (at current prices)	Rs.	37532

Q= Quick Estimate

Sr. No.	Particulars	Unit	Position
1	2	3	4
<b>IV</b>	<b>Agriculture (2003-04)</b>		
	(a) Net Area sown	Sq.km.	98515
	(b) Percentage of (a) to total reporting area	Percent	52.21
	(c) Net Cropped area under irrigation	(' 000 Ha)	3637
	(d) Percentage of net irrigated area to net cropped area	Percent	34.21
<b>V</b>	<b>Livestock (Census Report 2003)</b>		
	(a) Cattle	(' 000 Number)	7424
	(b) Buffaloes	(' 000 Number)	7140
	(c) Sheep and Goats	(' 000 Number)	6603
	(d) Other	(' 000 Number)	505
	<b>Total (000 No.)</b>		<b>21672</b>
<b>VI</b>	<b>Fisheries</b>		
	Sea Coast line	Km.	1600
<b>VII</b>	<b>Forest</b>		
	Forest Area (2005-06)	Sq.Km.	18927.50
	Forest Area (2006-07)	Sq.Km.	18927.28
<b>VIII</b>	<b>Industries and Mines</b>		
	(a) Working Factories (2006(P))	Number	22155
	Working Factories (2007 (P))	Number	21536
	(c) Average Daily Employment (2007(P))	(' 000 Number)	908
<b>IX</b>	<b>Electricity</b>		
	Villages electrified (as on March 2007)	Number	17837
<b>X</b>	<b>Transport and Communication</b>		
	(a) Railway length (as on March 2005)	Km.	5188
	(b) Total road length (2006)	Km.	74038
	(c) National Highways (2006)	Km.	2867
	(d) State Highways (2006)	Km.	18702
	(e) Vehicles registered (March -2007)	(' 000 Number)	7087
	(f) Post Offices (March 2007)	Number	8985
	(g) Telegraph Offices ( March 2007)	Number	1775
	(h) Telephone Connections ( March 2007)	(' 000 Number)	2718
<b>XI</b>	<b>Educational Institutions (2006-2007)</b>		
	(a) Primary	Number	39008
	(b) Secondary and Higher Secondary	Number	7718
	(c) Higher Education (incl. Universities)	Number	754
	<b>Total</b>		<b>47480</b>

## 1.2 Rainfall Data

(In MM)

Sr. No.	District	Name of Centre	Normal Rainfall (1999-07)	Year								
				1999	2000	2001	2002	2003	2004	2005	2006	2007
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Ahmedabad	Ahmedabad	814	608	569	658	397	883	814	1138	1017	986
2	Amreli	Amreli	563	414	260	509	573	667	413	1089	1096	1357
3	Anand	Anand	777	319	341	525	547	1063	821	1295	1389	1108
4	Banaskantha	Palanpur	590	219	339	694	251	807	426	744	1550	1374
5	Bharuch	Bharuch	830	523	536	885	1023	889	1085	889	934	1427
6	Bhavnagar	Bhavnagar	605	443	173	622	831	537	549	927	947	1371
7	Dahod	Dahod	711	352	303	530	750	1015	1127	560	1107	746
8	Dangs	Ahwa	2718	3111	1636	2200	2442	2129	2642	3825	2509	1860
9	Gandhinagar	Gandhinagar	677	558	326	421	373	1031	806	1369	1123	1284
10	Jamnagar	Jamnagar	665	251	252	583	433	1429	869	618	622	1945
11	Junagadh	Junagadh	813	442	544	896	589	1178	890	967	916	1505
12	Kachchh	Bhuj	260	310	219	243	78	712	223	304	587	663
13	Kheda	Kheda	628	738	491	715	479	1091	759	1271	1361	1079
14	Mehsana	Mehsana	767	664	428	930	437	720	636	1218	1257	1155
15	Narmada	Rajpipla	1135	455	617	822	802	1275	1255	1164	1725	1695
16	Navsari	Navsari	1736	984	1258	2014	1396	2933	2492	2865	1814	1599
17	Panchmahals	Godhra	910	331	385	677	735	1353	929	873	1047	837
18	Patan	Patan	579	156	267	540	282	720	603	749	1668	1005
19	Porbandar	Porbandar	592	164	438	623	271	666	477	827	698	1343
20	Rajkot	Rajkot	637	311	345	429	373	989	719	739	818	1408
21	Sabarkantha	Himmatnagar	731	437	425	593	431	957	499	1035	1582	1305
22	Surat	Surat	1097	896	684	1126	1130	1730	1962	2319	1329	1896
23	Surendranagar	Wadhwan	539	195	326	671	636	525	550	967	643	974
24	Vadodara	Vadodara	989	358	491	826	835	1014	1154	1327	1732	1211
25	Valsad	Valsad	1885	1573	1488	2104	1624	2100	2246	3130	1854	2064

Source: Socio-Economic Review, Gujarat State, 2006-07

### 1.3 Salient Features of Population in Gujarat and India.

Sr.No	Year	Total Population (in lakh)	Decennial Population Growth rate (%)	Density of Population (Persons /Sq.km)	Sex Ratio (No. of Females per 1000 males)	Literacy rate (%)	Urban Population (%)
1	2	3	4	5	6	7	8
<b>GUJARAT</b>							
1	1901	91	-	46	954	7.93	22.93
2	1911	98	7.79	50	946	9.12	19.25
3	1921	102	3.79	52	944	10.85	20.15
4	1931	115	12.92	59	945	11.98	20.50
5	1941	137	19.25	70	941	N.A	23.79
6	1951	163	18.69	83	952	21.82	27.23
7	1961	206	26.88	105	940	31.47	25.77
8	1971	267	29.39	136	934	36.95	28.08
9	1981	341	27.67	174	942	44.92	31.10
10	1991	413	21.19	211	934	61.29	34.49
11	2001	507	22.66	258	920	69.14	37.36
<b>INDIA</b>							
1	1901	2384	-	77	972	5.35	10.84
2	1911	2521	5.73	82	964	5.92	10.29
3	1921	2513	-0.30	81	955	7.16	11.18
4	1931	2790	11.00	90	950	9.50	11.99
5	1941	3187	14.22	103	945	16.10	13.86
6	1951	3611	13.31	117	946	18.33	17.29
7	1961	4392	21.64	142	941	28.30	17.97
8	1971	5482	24.80	177	930	34.45	19.91
9	1981	6833	24.66	216	934	43.57	23.34
10	1991	8434	23.86	267	927	52.21	25.73
11	2001	10286	21.53	325	933	64.84	27.82

Source :- Socio-Economic Review, Gujarat State, 2005-2006.

1.4 (A) Gujarat Forests

Sr. No	Particulars	Unit	Total
1	2	3	4
1	<b>Forest Area as on 31/3/07</b>		
	(A) Reserved	Sq.Km.	14131.15
	(B) Protected	Sq.Km.	476.73
	(C) Unclassed	Sq.Km.	4319.40
	<b>Total</b>	<b>Sq.Km</b>	<b>18927.28</b>
2	<b>Forest Circles as on 31/3/07</b>		
	(A) Territorial	Number	6
	(B) Extension	Number	4
	(C) Functional	Number	4
	(D) Wild Life	Number	3
	<b>Total</b>		<b>17</b>
3	<b>Forest Divisions as on 31/3/ 2007</b>		
	(A) Territorial	Number	20
	(B) Extension	Number	17
	(C) Functional	Number	-
	(D) Wildlife	Number	3
	(E) Afforestation	Number	-
	<b>Total</b>		<b>40</b>
4	Wildlife Sanctuaries (As on 31-3-2007)	Number	22
5	National Parks (As on 31-3-2007)	Number	4
6	Natural History Museum (As on 31-3-2007)	Number	1
7	Zoological Garden (As on 31-3-2006)	Number	1
8	Botanical Garden (As on 31-3-2007)	Number	1
9	Districts Having Forest (Excluding Roadsides, Canal Banks, Village Forest)		
	(A) Districts	Number	25
	(B) Villages	Number	4732
10	Growing Stock (Trees above 30 Cm growth) (Forest resources survey 1971- 72 )	Number of trees/ Ha.	119

Sr. No	Particulars	Unit	Total	
1	2	3	4	5
11	<b>Outlay and Expenditure under State Plan</b>		<b>Outlay</b>	<b>Exp.</b>
	(1) First Five Year Plan (1951-56)	Rs. Lakh	-	19.69
	(2) Second Five Year Plan (1956-61)	Rs. Lakh	-	102.16
	(3) Third Five Year Plan (1961-66)	Rs. Lakh	224.00	223.57
	(4) Three Annual Plans (1966-69)	Rs. Lakh	220.00	220.80
	(5) Fourth Five Year Plan (1969-74)	Rs. Lakh	392.00	392.04
	(6) Fifth Five Year Plan (1974-78)	Rs. Lakh	1268.00	1268.04
	(7) Two Annual Plan (1978-80)	Rs. Lakh	1383.00	1382.92
	(8) Sixth Five Year Plan (1980-85)	Rs. Lakh	10280.00	10279.86
	(9) Seventh Five Year Plan(1985-90)	Rs. Lakh	14893.00	14893.26
	(10) Two Annual Plans (1990-92)	Rs. Lakh	8887.00	9138.00
	(11) Eighth Five Year Plan (1992-97)	Rs. Lakh	30000.00	33816.00
	(12) Ninth F.Y.P. 1997-2002	Rs. Lakh	80300.00	
	(a) Annual plan 1997-98	Rs. Lakh	15040.00	14557.37
	(b) Annual plan 1998-99	Rs. Lakh	17400.00	17213.72
	(c) Annual plan 1999-2000	Rs. Lakh	20000.00	19077.08
	(d) Annual plan 2000-2001	Rs. Lakh	21000.00	19494.67
	(e) Annual Plan 2001-2002	Rs. Lakh	16800.00	13170.23
	<b>TOTAL (1997 - 2002)</b>	<b>Rs. Lakh</b>	<b>90240.00</b>	<b>83513.07</b>
	(f) Annual Plan 2002-2003	Rs. Lakh	14076.00	9394.04
	(g) Annual Plan 2003-2004	Rs. Lakh	17000.00	15910.84
	(h) Annual Plan 2004-2005	Rs. Lakh	14960.00	14641.23
	(i) Annual Plan 2005-2006	Rs. Lakh	15193.28	14649.81
	(j) Annual Plan 2006-07	Rs. Lakh	22808.70	23184.78

**1.4 (B) Forest Divisions**

<b>Sr.No.</b>	<b>Name of District</b>	<b>Name of Division</b>
<b>1</b>	<b>2</b>	<b>3</b>
1	Ahmedabad	1 Ahmedabad SF 2 ACF Naisarovar
2	Amreli	1 Gir (East)-Dhari (Wildlife circle) 2 Amreli SF
3	Anand	1 Anand Sub-division
4	Banaskantha	1 Banaskantha (Palanpur) 2 Banaskantha (Palanpur) SF
5	Bharuch	1 Bharuch SF
6	Bhavnagar	1 Bhavnagar 2 Bhavnagar SF 3 Velavadar Black-Buck N.P.
7	Dahod	1 Baria 2 Dahod SF
8	Dangs	1 Dang-North 2 Dang-South
9	Gandhinagar	1 Gandhinagar 2 Research, Gandhinagar i) Research Div. G.nagar ii) Communication Div.G.nagar iii) Wildlife Training Div.G.nagar iv) Training Div.G.nagar v) Orientation Div. G.nagar vi) Publicity & Liasion Div., Gandhinagar
10	Jamnagar	1 Jamnagar 2 Jamnagar SF 3 M.N.P. Div. Jamnagar
11	Junagadh	1 Gir (West) Junagadh WL 2 Sasan Gir 3 Junagadh 4 Junagadh SF
12	Kachchh	1 Kachchh-East 2 Kachchh-West 3 Kachchh SF
13	Kheda	1 Nadiad SF
14	Mehsana	1 Mehsana SF

Sr.No.	Name of District	Name of Division
1	2	3
15	Narmada	1 Rajpipla-East 2 Rajpipla-West 3 Silva Rajpipla 4 Narmada Sub-Division S.F.
16	Navsari	1 Navsari Div. SF
17	Panchmahals	1 Godhra 2 Godhra SF
18	Patan	1 Patan Sub-Division
19	Porbandar	1 Porbandar Sub Div. SF 2 Barda Sub Div.
20	Rajkot	1 Rajkot SF
21	Sabarkantha	1 Himatnagar (S.K) North 2 Himatnagar (S.K) South 3 Himatnagar (S.K) SF
22	Surat	1 Vyara 2 Surat SF
23	Surendranagar	1 Surendranagar 2 Surendranagar SF
24	Vadodara	1 Chhotaudepur 2 Vadodara SF 3 Sardar Sarovar Project (SSP) i) Monitoring ii) Div.-1 4 F.U.O Div. Vadodara 5 Wildlife Div Vadodara 6 World Food Programme Vadodara 7 Seed Programme div. Vadodara
25	Valsad	1 Valsad North 2 Valsad South 3 Valsad Sub Div.



## 2. AREA CLASSIFICATION

### 2.1 Land Utilization -Gujarat State

(Sq.km)

Sr.No.	Land Use	2006-07
1	2	3
1	Forests	18536
2	Barren and Uncultivable Lands	26074
3	Land Put to Non-Agricultural uses	11453
4	Culturable Wasteland	19767
5	Permanent pasture and other grazing Lands	8503
6	Land under Miscellaneous tree Crops and Other Groves Not Included in Net Area Sown.	40
7	Current Fallows	5681
8	Other Fallows	112
9	Net Area sown	98515
<b>Total Reporting Area</b>		<b>188681</b>

Source:- Dir. of Agriculture, Gandhinagar

(Sq. Km.)

## 2.2 Districtwise Land Utilization 2003-04

Sr. No.	District	Geographical Area	Reporting Area	Forest Area	Area non Agricultural uses	Barren and unculturable Land	Permanent Pasture & Grazing land	Land under misc. crops	Culturable Wasteland	Fallow land	Current Fallow	Net Area Sown
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Ahmedabad	8087.00	7748	106	669	661	279	0	263	15	662	5093
2	Amreli	7397.00	7392	360	461	240	543	0	120	14	182	5472
3	Anand	2947.00	2947	0	470	269	143	0	104	11	59	1891
4	Banaskantha	10757.00	10449	1107	530	310	651	0	176	0	234	7441
5	Bharuch	6469.00	5247	245	725	198	163	0	355	0	246	3315
6	Bhavnagar	9981.00	8580	270	598	985	613	0	250	10	240	5614
7	Dahod	3712.00	3712	884	207	260	112	0	26	2	99	2122
8	Dang	1764.00	2287	1598	126	0	0	0	0	0	0	563
9	Gandhinagar	2163.00	2159	20	227	15	118	0	50	0	87	1642
10	Jamnagar	14125.00	10203	454	650	1555	764	0	322	13	354	6091
11	Junagadh	8846.00	8802	1759	455	99	889	0	88	0	170	5342
12	Kachchh	45652.00	45652	3068	737	16857	700	0	16734	0	757	6799
13	Kheda	4213.00	3944	96	378	80	146	0	23	2	140	3494
14	Mehsana	4392.00	4392	72	316	52	269	0	47	2	22	1112
15	Narmada	2801.00	2801	1148	310	86	86	0	37	0	10	1470
16	Navsari	2209.00	2201	251	194	153	53	0	70	0	292	2760
17	Panchmahals	5154.00	5138	1168	370	265	152	0	121	10	304	3868
18	Patan	5722.00	5668	465	452	156	283	0	140	0	215	1194
19	Porbandar	2298.00	2295	244	154	186	255	0	47	0	306	7632
20	Rajkot	11203.00	11074	368	703	1044	891	0	130	0	299	4466
21	Sabarkantha	7390.00	7298	1263	424	359	341	40	146	0	164	4240
22	Surat	7762.00	7762	1402	860	621	239	0	196	35	465	7020
23	Surendranagar	10489.00	10458	531	547	1241	460	0	159	0	244	5160
24	Vadodara	7549.00	7528	723	725	280	329	0	67	0	0	1610
25	Valsad	3035.00	2944	934	165	102	24	0	96	0	0	13
	<b>G State Total</b>	<b>196117.00</b>	<b>188681</b>	<b>18536</b>	<b>11453</b>	<b>26074</b>	<b>8503</b>	<b>40</b>	<b>19767</b>	<b>112</b>	<b>5581</b>	<b>98515</b>

### 2.3 Forest Area

(Area in Sq. Km)

Sr. No.	Year	Reserved Forest	Protected Forest	Unclassed Forest	Total Forests	% to total Geographical Area
1	2	3	4	5	6	7
1	1985-86	13493.06	1021.09	4804.15	19318.30	9.86
2	1986-87	13536.24	1021.09	4820.22	19377.55	9.89
3	1987-88	13679.19	1021.31	4709.16	19409.66	9.90
4	1988-89	13755.79	1021.31	4637.50	19414.60	9.90
5	1989-90	13780.12	1021.31	4586.58	19388.01	9.89
6	1990-91	13805.38	997.61	4576.21	19379.20	9.89
7	1991-92	13817.51	998.09	4563.71	19379.31	9.89
8	1992-93	13820.01	995.31	4577.15	19392.47	9.89
9	1993-94	13818.83	997.43	4576.76	19393.02	9.89
10	1994-95	13832.97	997.53	4575.26	19405.76	9.90
11	1995-96	13704.10	388.37	4775.81	18868.28	9.63
12	1996-97	13694.70	387.99	4732.45	18815.14	9.60
13	1997-98	13696.04	388.12	4746.21	18830.37	9.61
14	1998-99	13724.07	388.18	4721.21	18833.46	9.61
15	1999-2000	13903.77	395.96	4699.78	18999.51	9.69
16	2000-2001	14155.18	394.85	4562.51	19112.54	9.75
17	2001-2002	14180.03	377.02	4523.94	19080.99	9.73
18	2002-2003	14098.74	378.22	4463.34	18940.30	9.66
19	2003-2004	14099.33	378.22	4462.75	18940.30	9.66
20	2004-2005	14067.02	696.08	4198.46	18961.56	9.67
21	2005-2006	14122.18	378.67	4426.65	18927.50	9.66
22	2006-2007	14131.15	476.73	4319.40	18927.28	9.66

Total Geographical Area of the State- 196024 Sq.km

## 2.4 District wise Forest Area

(Sq.km)

Sr. No.	District	Geographical area	2006-07	
			Forest Area	% of F. A. to Geo.Area
1	2	3	4	5
1	Ahmedabad	8087.00	105.73	1.31
2	Amreli	7397.00	359.71	4.86
3	Anand	2941.00	0.00	0.00
4	Banaskantha	10757.00	1106.59	10.29
5	Bharuch	6527.00	245.06	3.75
6	Bhavnagar	9981.00	269.29	2.70
7	Dahod	3646.00	882.37	24.20
8	Dang	1764.00	1034.37	58.64
9	Gandhinagar	2163.00	112.90	5.22
10	Jamnagar	14125.00	1659.53	11.75
11	Junagadh	8846.00	1806.57	20.42
12	Kachchh	45652.00	3128.93	6.85
13	Kheda	4219.00	75.07	1.78
14	Mehsana	4384.00	0.00	0.00
15	Narmada	2755.00	1147.70	41.66
16	Navsari	2209.00	274.97	12.45
17	Panchmahals	5220.00	1105.91	21.19
18	Patan	5730.00	482.95	8.43
19	Porbandar	2298.00	277.23	12.06
20	Rajkot	11203.00	0.00	0.00
21	Sabarkantha	7396.00	1263.63	17.10
22	Surat	7657.00	1401.69	18.31
23	Surendranagar	10489.00	531.08	5.06
24	Vadodara	7549.00	718.79	9.52
25	Valsad	3035.00	937.21	30.88
<b>Total</b>		<b>196024.00</b>	<b>18927.28</b>	<b>9.66</b>

## 2.5 Districtwise/ Divisionwise Forest Area (2006-07)

(Sq.Km.)

Sr.No.	District	Division	Year 2006-07			
			Reserved Forest	Protected Forest	Unclassed Forest	Total
1	2	3	4	5	6	7
1	Ahmedabad	Ahmedabad	48.79	0	56.94	105.73
		<b>Total</b>	<b>48.79</b>	<b>0.00</b>	<b>56.94</b>	<b>105.73</b>
2	Amreli	Gir (East)	313.16	0	46.27	359.43
		Gir (West)	0.28	0	0	0.28
		<b>Total</b>	<b>313.44</b>	<b>0.00</b>	<b>46.27</b>	<b>359.71</b>
3	Anand	-	0	0	0	0.00
		<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
4	Banaskantha	Banaskantha	519.67	13.03	573.89	1106.59
		<b>Total</b>	<b>519.67</b>	<b>13.03</b>	<b>573.89</b>	<b>1106.59</b>
5	Bharuch	Rajpipla (W)	233.38	11.62	0.06	245.06
		<b>Total</b>	<b>233.38</b>	<b>11.62</b>	<b>0.06</b>	<b>245.06</b>
6	Bhavnagar	Bhavnagar	167.49	0	44.72	212.21
		Velavadar	48.22	0	8.86	57.08
		<b>Total</b>	<b>215.71</b>	<b>0.00</b>	<b>53.58</b>	<b>269.29</b>
7	Dahod	Baria	869.39	3.59	9.39	882.37
		<b>Total</b>	<b>869.39</b>	<b>3.59</b>	<b>9.39</b>	<b>882.37</b>
8	Dangs	Dangs(N)	458.26	101.49	0	559.75
		Dangs(S)	385.51	89.11	0	474.62
		<b>Total</b>	<b>843.77</b>	<b>190.60</b>	<b>0.00</b>	<b>1034.37</b>
9	Gandhinagar	Gandhinagar	64.05	0.45	48.40	112.90
		<b>Total</b>	<b>64.05</b>	<b>0.45</b>	<b>48.40</b>	<b>112.90</b>
10	Jamnagar	Jamnagar	434.37	0.1	300.90	735.37
		MNP Jam.	29.93	6.61	887.62	924.16
		<b>Total</b>	<b>464.30</b>	<b>6.71</b>	<b>1188.52</b>	<b>1659.53</b>
11	Jungadh	Gir (East)	344.12	0	24.93	369.05
		Gir (West)	1015.02	118.86	11.77	1145.65
		Junagadh	284.2	0	7.67	291.87
		<b>Total</b>	<b>1643.34</b>	<b>118.86</b>	<b>44.37</b>	<b>1806.57</b>
12	Kachchh	Kachchh(E)	398.93	0.01	601.75	1000.69
		Kachchh(W)	1449.79	0	678.45	2128.24
		<b>Total</b>	<b>1848.72</b>	<b>0.01</b>	<b>1280.20</b>	<b>3128.93</b>
13	Kheda	Nadiad	62.75	0	12.32	75.07
		G'nagar	0	0	0	0.00
		<b>Total</b>	<b>62.75</b>	<b>0.00</b>	<b>12.32</b>	<b>75.07</b>

Sr.No.	District	Division	Year 2006-07			
			Reserved Forest	Protected Forest	Unclassed Forest	Total
1	2	3	4	5	6	7
14	Mehsana	G'nagar	0.00	0	0	0.00
		<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
15	Narmada	Raj (E)	1081.97	64.46	1.27	1147.70
		<b>Total</b>	<b>1081.97</b>	<b>64.46</b>	<b>1.27</b>	<b>1147.70</b>
16	Navsari	Dang (S)	20.40	0	3.59	23.99
		<b>Total</b>	<b>20.40</b>	<b>0.00</b>	<b>3.59</b>	<b>23.99</b>
17	Panchmahals	Godhra	1081.85	4.5	19.56	1105.91
		<b>Total</b>	<b>1081.85</b>	<b>4.50</b>	<b>19.56</b>	<b>1105.91</b>
18	Patan	Patan Sub. Div.	476.96	3.69	2.30	482.95
		<b>Total</b>	<b>476.96</b>	<b>3.69</b>	<b>2.30</b>	<b>482.95</b>
19	Porbandar	Barda Sanct.	262.32	1.71	13.2	277.23
		<b>Total</b>	<b>262.32</b>	<b>1.71</b>	<b>13.20</b>	<b>277.23</b>
20	Rajkot	Jamnagar	0.00	0	0	0.00
		Gir(E)	0	0	0	0.00
		<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
21	SabarKantha	SabarKantha	662.24	1.18	600.21	1263.63
		<b>Total</b>	<b>662.24</b>	<b>1.18</b>	<b>600.21</b>	<b>1263.63</b>
22	Surat	Raj(W)	459.56	4.69	0	464.25
		Vyara	912.68	22.79	1.97	937.44
		<b>Total</b>	<b>1372.24</b>	<b>27.48</b>	<b>1.97</b>	<b>1401.69</b>
23	S'nagar	S'nagar	237.24	4.55	289.29	531.08
		<b>Total</b>	<b>237.24</b>	<b>4.55</b>	<b>289.29</b>	<b>531.08</b>
24	Vadodara	C'Udepur	674.55	5.7	38.54	718.79
		<b>Total</b>	<b>674.55</b>	<b>5.70</b>	<b>38.54</b>	<b>718.79</b>
25	Valsad	Valsad(N)	598.63	0	32.33	630.96
		Valsad(S)	535.44	18.59	3.20	557.23
		<b>Total</b>	<b>1134.07</b>	<b>18.59</b>	<b>35.53</b>	<b>1188.19</b>
<b>Grand Total</b>			<b>14131.15</b>	<b>476.73</b>	<b>4319.40</b>	<b>18927.28</b>

**2.6 Forest Area (Circle wise/ Division wise (2006-07) (Sq.km)**

Sr. No.	Division	Forest Area	Percentage to total Forest Area
1	2	3	4
1	<b>Gandhinagar Circle</b>		
	Banaskantha	1106.59	5.85
	Gandhinagar	112.90	0.60
	Sabarkantha	1263.63	6.68
	<b>Total</b>	<b>2483.12</b>	<b>13.12</b>
2	<b>Junagadh Circle</b>		
	Bhavnagar	212.21	1.12
	Jamnagar	735.37	3.89
	Junagadh	291.87	1.54
	Surendranagar	531.08	2.81
	Porbandar	277.23	1.46
	<b>Total</b>	<b>2047.76</b>	<b>10.82</b>
3	<b>W.L. Junagadh Circle</b>		
	Gir (East)	728.48	3.85
	Gir (West)	1145.93	6.05
	Velavadar N.P.	57.08	0.30
	<b>Total</b>	<b>1931.49</b>	<b>10.20</b>
4	<b>Kachchh Cricle</b>		
	kachchh (East)	1000.69	5.29
	kachchh (West)	2128.24	11.24
	Patan (Sub.Dn.)	482.95	2.55
	<b>Total</b>	<b>3611.88</b>	<b>19.08</b>
5	<b>Surat Cricle</b>		
	Rajpipla (East)	1147.70	6.06
	Rajpipla (West)	709.31	3.75
	Vyara	937.44	4.95
	<b>Total</b>	<b>2794.45</b>	<b>14.76</b>
6	<b>Vadodara Cricle</b>		
	Baria	882.37	4.66
	Chhotaudepur	718.79	3.80
	Godhara	1105.91	5.84
	<b>Total</b>	<b>2707.07</b>	<b>14.30</b>
7	<b>Valsad Division</b>		
	Dangs (North)	559.75	2.96
	Dangs (South)	498.61	2.63
	Valsad (North)	630.96	3.33
	Valsad (South)	557.23	2.94
	<b>Total</b>	<b>2246.55</b>	<b>11.87</b>
8	<b>M.N.P.Jamnagar Cricle</b>		
	M.N.P.Jamnagar	924.16	4.88
	<b>Total</b>	<b>924.16</b>	<b>4.88</b>
9	<b>Ahmedabad Ext. circle</b>		
	Nadiad	75.07	0.40
	Ahmedabad	105.73	0.56
	<b>Total</b>	<b>180.80</b>	<b>0.96</b>
<b>Grand Total</b>		<b>18927.28</b>	<b>100.00</b>

2.7 Forest Area under Forest Division (2006-07)

(Sq.Km.)

Sr. No	Division	Reserved Forest	Protected Forest	Unclassed Forest	Total
1	2	3	4	5	6
1.	<b>Gandhinagar Circle</b>				
	Banaskantha	519.67	13.03	573.89	1106.59
	Gandhinagar	64.05	0.45	48.40	112.90
	Sabarkantha	662.24	1.18	600.21	1263.63
	<b>Total</b>	<b>1245.96</b>	<b>14.66</b>	<b>1222.50</b>	<b>2483.12</b>
2.	<b>Junagadh Circle</b>				
	Bhavnagar	167.49	0.00	44.72	212.21
	Jamnagar	434.37	0.10	300.9	735.37
	Surendranagar	237.24	4.55	289.29	531.08
	Junagadh	284.2	0.00	7.67	291.87
	Porbandar(Barda Sanct).	262.32	1.71	13.2	277.23
	<b>Total</b>	<b>1385.62</b>	<b>6.36</b>	<b>655.78</b>	<b>2047.76</b>
3	<b>W.L. Junagadh</b>				
	Gir (E)	657.28	0.00	71.20	728.48
	Gir (W)	1015.30	118.86	11.77	1145.93
	Velavadar N.P.	48.22	0.00	8.86	57.08
	<b>Total</b>	<b>1720.80</b>	<b>118.86</b>	<b>91.83</b>	<b>1931.49</b>
4	<b>Kachchh Circle</b>				
	Kachchh (E)	398.93	0.01	601.75	1000.69
	Kachchh (W)	1449.79	0	678.45	2128.24
	Patan-Sub.Dn.	476.96	3.69	2.30	482.95
	<b>Total</b>	<b>2325.68</b>	<b>3.70</b>	<b>1282.50</b>	<b>3611.88</b>
5	<b>Surat Circle</b>				
	Rajpipla (E)	1081.97	64.46	1.27	1147.70
	Rajpipla (W)	692.94	16.31	0.06	709.31
	Vyara	912.68	22.79	1.97	937.44
	<b>Total</b>	<b>2687.59</b>	<b>103.56</b>	<b>3.30</b>	<b>2794.45</b>
6	<b>Vadodara Circle</b>				
	Baria	869.39	3.59	9.39	882.37
	Chhotaudepur	674.55	5.70	38.54	718.79
	Godhra	1081.85	4.50	19.56	1105.91
	<b>Total</b>	<b>2625.79</b>	<b>13.79</b>	<b>67.49</b>	<b>2707.07</b>
7	<b>Valsad Divisions</b>				
	Dang (N)	458.26	101.49	0.00	559.75
	Dang (S)	405.91	89.11	3.59	498.61
	Valsad (N)	598.63	0.00	32.33	630.96
	Valsad (S)	535.44	18.59	3.20	557.23
	<b>Total</b>	<b>1998.24</b>	<b>209.19</b>	<b>39.12</b>	<b>2246.55</b>
8	<b>MNP Jamnagar Circle</b>				
	MNP Jamnagar	29.93	6.61	887.62	924.16
	<b>Total</b>	<b>29.93</b>	<b>6.61</b>	<b>887.62</b>	<b>924.16</b>
9	<b>Ahmedabad ext. Circle</b>				
	Nadiad	62.75	0.00	12.32	75.07
	Ahmedabad	48.79	0.00	56.94	105.73
	<b>Total</b>	<b>111.54</b>	<b>0.00</b>	<b>69.26</b>	<b>180.80</b>
	<b>Grand Total</b>	<b>14131.15</b>	<b>476.73</b>	<b>4319.40</b>	<b>18927.28</b>



## 2.8. Diversion of Forest Area (2006-07)

(Area in ha.)

Sr. No	year	Submer- gence	Rehabili- tation	Agri- culture	Construction of roads and transmission lines etc.	Estt.of Industrial units, Townships etc.	Misce- llaneous	Total	% to Total Forest Area of the Year
1	2	3	4	5	6	7	8	9	10
1	1960-61 to 1984-85	25831.33	19414.46	4598.60	385.21	1683.70	10068.15	61981.45	3.20
2	1985-86	0	0	0	0	0	0	0	0
3	1986-87	0	0	0	0	0	0	0	0
4	1987-88	0	0	0	0	0	0	0	0
5	1988-89	0	0	0	0	0	0	0	0
6	1989-90	0	0	0	0.52	0	0.01	0.53	0
7	1990-91	0	0	0	0	0	0	0	0
8	1991-92	0	0	0	0	0	0.33	0.33	0
9	1992-93	0	0	0	18.08	0	1947.26	1965.34	0.10
10	1993-94	0	0	0	1.00	0	0	1.00	0
11	1994-95	0	0	10900.47	0	0	0	10900.47	0.56
12	1995-96	0	0	0	0	0	0	0	0
13	1996-97	0	0	0	0	0	0	0	0
14	1997-98	0	0	0	0	0	0	0	0
15	1998-99	0	0	0	0	0	0	0	0
16	1999-2000	0	0	0	0	0	0	0	0
17	2000-2001	0	0	21082.33	0	0	0	21082.33	1.10
18	2001-2002	0	0	0	0	0	0	0	0
19	2002-2003	977.87	0	0	469.21	0	67.56	1514.64	0.08
20	2003-2004	12.35	0	0	132.77	0	28.69	173.81	0.01
21	2004-2005	58.54	0	0	73.31	0	80.43	212.28	0.01
22	2005-06	0	0	0	57.43	0	83.54	140.97	0.01
23	2006-07	0	0	0	259.70	0	116.82	376.52	0.01
<b>Total</b>		<b>26880.09</b>	<b>19414.46</b>	<b>36581.40</b>	<b>1137.53</b>	<b>1683.70</b>	<b>12275.97</b>	<b>97973.15</b>	<b>5.07</b>

### 2.9. Per Capital Land and Forest Area

Sr. No	Year	Estimated Population as on 1st October (in lakh)	Total Land area ('000 ha.)	Forest Area ('000 ha.)	% of Forest Area	Per Capita Land Area (ha)	Per Capita Forest Area (ha)
1	2	3	4	5	6	7	8
1	2001	507	19602	1911	9.75	0.39	0.04
2	2002	520	19602	1908	9.73	0.38	0.04
3	2003	528	19602	1894	9.66	0.37	0.04
4	2004	537	19602	1894	9.66	0.37	0.04
5	2005	545	19602	1896	9.67	0.36	0.03
6	2006	553	19602	1893	9.66	0.35	0.03
7	2007	553	19602	1893	9.66	0.35	0.03

Source : Col. 3 : Publication of DES, Gandhinagar.

## 2.10. Forest Types According to Revised Classification

Sr. No. Forest Types		Occurrence
1	2	3
1	Moist Deciduous Forests	Dangs and Valsad Districts
2	Slightly Moist Teak Forests	Surat, Bharuch & Narmada Districts.
3	Dry Teak Forests	Vadodara, Panchmahals and Dahod Districts. and Drier parts of Bharuch Districts. North and East part of Sabarkantha District
4	Very Dry Teak Forests	Panchmahals and Dahod Districts. Gir and Girnar Area of Junagadh District
5	Dry Deciduous Scrub Forests	Vadodara, Panchmahals and Dahod Districts. Eastern GIR Falling in Junagadh, Rajkot, Amreli Bhavnagar, B' Kantha and S' kantha Districts .Kutch/Patan(W), santalpur, Radhanpur, Sami, Harij
6	Tropical Dry Deciduous Forests	Gandhinagar, Kheda, Mehsana districts
7	Dry Deciduous Forests	Western and Southern part of Sabarkantha District
8	Dry Mixed Deciduous & tropical Forests	Vadodara, Panchmahals and Dahod Districts. Southern part of Banaskantha District
9	Desert Thorn Scrub Forests	East, North & West part of Banaskantha District
10	Savannah Forests	Grass Land Occurring in the Saurashtra Peninsula. Narayan Sarovar Chinkara Sanctuary in Lakhpat Taluka of Dist: Kachchh
11	Mangrove Forests	Kachchh and Jamnagar Districts.

2.11 Forest Cover change in Gujarat State						(sq.km)
Sr. No	Assessment Year	Data Period	Forest Cover	Changes	Cumulative Change	
1	2	3	4	5	6	
1	1991	1987-89	11,907	-	-	
2	1993	1989-91	12,044	(+)137	(+) 137	
3	1995	1991-93	12,320	(+)276	(+) 413	
4	1997	1993-95	12,578	(+)258	(+) 671	
5	1999	1995-97	12969	(+)391	(+) 1062	
6	2001	1997-99	12913	(-)56	(+)1006	
7	2003	1999-01	14314	(+)1901	(+) 2907	
8	2005	2001-03	14715	(-) 99	(+) 2808	

1. There was a trend of decrease in forest cover till 1989 and this trend has reversed since then.
2. Forest cover increased by 1901 sq.km in 2003
3. Net Forest Cover increased by 2808 sq.km continuously from 1989 to 2005.

Abstract Showing latest (2005) Status of Forest cover

Present status of Forest cover	Sq.km
Very Dense Forest	114
Moderately Dense Forest	6,024
Open Forest	8,577
<b>Total</b>	<b>14,715 ( 7.51 % of total geographical area )</b>
Scrub	1495
<b>Total Area</b>	<b>16,210</b>

Source : State of Forest report (SFR) 2005. Forest Survey of India, Dehradun.

2.12. District wise forest cover 2005 Assessment (in Sq.km)

Sr. No.	District	Geographical area	Very Dense forest	Dense forest	Open forest	Total	Percent	Change compare to 2003	Scrub
1	2	3	4	5	6	7	8	9	10
1	Ahmedabad	8707		22	122	144	1.65	-17	16
2	Amreli	6760		66	158	224	3.31	-1	41
3	Anad	3214		24	35	59	1.84	-2	4
4	Banaskantha	9858		370	463	833	8.45	-9	189
5	Bharuch	6458		89	240	329	5.09	-6	7
6	Bhavnagar	11155		63	223	286	2.56	-39	75
7	Dahod	4405		181	525	706	16.03	-1	40
8	The Dang	1762	78	995	339	1412	80.14	0	0
9	Gandhinagar	649		9	33	42	6.47	-2	2
10	Jamnagar	14125		57	324	381	2.70	1	72
11	Junagadh	8281	9	920	672	1601	19.33	-6	34
12	Kheda	3980		25	73	98	2.46	-3	19
13	Kachchh	45652		400	1839	2239	4.90	22	521
14	Mehsana	8540		25	195	220	2.58	-15	54
15	Narmda	2580		506	494	1000	38.76	-4	22
16	Navsari	2215		166	141	307	13.86	-1	1
17	Panchmahals	4461		180	385	565	12.67	-5	41
18	Patan	3332		8	78	86	2.58	-4	28
19	Porbandar	2326		22	96	118	5.07	1	18
20	Rajkot	11203		8	139	147	1.31	0	31
21	Sabarkantha	7390		343	458	801	10.84	-3	110
22	Surat	7657	27	845	467	1339	17.49	-4	24
23	Surendranagar	10489		12	160	172	1.64	0	111
24	Vadodara	7794		161	460	621	7.97	-3	33
25	Valsad	3029		527	458	985	32.52	2	2
<b>Total</b>		<b>196022</b>	<b>114</b>	<b>6024</b>	<b>8577</b>	<b>14715</b>	<b>7.51</b>	<b>-99</b>	<b>1495</b>

Source: State of Forest Report (SFR) 2005. Forest Survey of India, Dehradun.

## 2.13. Statewise Forest Cover

(in Sq.km)

Sr.No.	State/UT	Geographi- cal area	Very Dense forest	Forest Cover				
				Dense forest	Open forest	Total	Percent	Scrub
1	2	3	4	5	6	7	8	9
1	Andhra Pradesh	275069	130	24199	20043	44372	16.13	9862
2	Arunachal Pradesh	83743	14411	37977	15389	67777	80.93	128
3	Assam	78438	1444	11387	14814	27645	35.24	146
4	Bihar	94163	110	3004	2465	5579	5.92	129
5	Chattisgrath	135191	2256	36472	17135	55863	41.32	91
6	Delhi	1483	0	54	122	176	11.87	0.62
7	Goa	3702	55	1095	1014	2164	58.45	2
8	Gujarat	196022	114	6024	8577	14715	7.51	1495
9	Haryana	44212	3	523	1061	1587	3.59	165
10	Himachal Pradesh	55673	1097	7831	5441	14369	25.81	383
11	Jammu & Kashmir	222236	2135	8394	10744	21273	9.57	2821
12	Jharkhand	79714	2544	9078	10969	22591	28.34	733
13	Karnataka	191791	464	21634	13153	35251	18.38	3151
14	Kerala	38863	1024	8636	5935	15595	40.13	70
15	Madhya Pradesh	308245	4239	36843	34931	76013	24.66	2172
16	Maharashtra	307713	8191	20193	19092	47476	15.43	4248
17	Manipur	22327	923	5541	10622	17086	76.53	39
18	Meghalaya	22429	338	6808	9842	16988	75.74	181
19	Mizoram	21081	133	6173	12378	18684	88.63	0
20	Nagaland	16579	236	5602	7881	13719	82.75	13
21	Orissa	155707	538	27656	20180	48374	31.07	4743
22	Punjab	50362	0	723	835	1558	3.09	15
23	Rajasthan	342239	14	4456	11380	15850	4.63	4527
24	Sikkim	7096	498	1912	852	3262	45.97	363
25	Tamilnadu	130058	2650	9790	10604	23044	17.72	1808
26	Tripura	10486	61	4969	3125	8155	77.77	59
27	Uttar Pradesh	240928	1297	4682	8148	14127	5.86	738
28	uttaranchal	53483	4002	14396	6044	24442	45.70	320
29	West Bengal	88752	2302	3777	6334	12413	13.99	68
30	A & N Iseland	8249	3359	2646	624	6629	80.36	3
31	Chandigadh	114	1	8	6	15	13.16	1
32	D.N.N.Haveli	491	0	130	91	221	45.01	0
33	Daman & Diu	112	0	2	6	8	7.14	0
34	Lakshadweep	32	0	15	10	25	78.13	0
35	Pondichery	480	0	17	25	42	8.75	0
<b>Total</b>		<b>3287263</b>	<b>54569</b>	<b>332647</b>	<b>289872</b>	<b>677088</b>	<b>20.60</b>	<b>38475</b>

Source: State of Forest Report (SFR) 2005. Forest Survey of India, Dehradun.

### 3 OUT TURN OF FOREST PRODUCE

#### 3.1 Out-turn of Timber and Fuelwood

Sr. No	Year	Quantity of Timber (in 100 C.M.)		Other Timber ('00 C.M.)	Total Timber ('00 C.M.)	Fuelwood ('00 M.T)
		Round wood ('00 C.M.)	Sawn wood ('00 C.M.)			
1	2	3	4	5	6	7
1	1990-91	86.00	14.00	101.00	201.00	488.00
2	1991-92	232.00	15.00	177.00	424.00	223.00
3	1992-93	75.00	0.00	119.00	194.00	178.00
4	1993-94	102.00	11.00	186.00	299.00	270.00
5	1994-95	105.00	9.00	226.00	340.00	140.00
6	1995-96	109.00	9.00	248.00	366.00	171.00
7	1996-97	77.00	7.00	244.00	328.00	200.00
8	1997-98	229.00	-	146.00	375.00	384.00
9	1998-99	83.90	18.71	184.91	287.52	210.00
10	1999-2000	88.12	0.22	144.36	232.70	185.00
11	2000-01	101.30	10.90	184.70	296.90	232.00
12	2001-02	96.71	18.53	181.90	297.14	331.53
13	2002-03	127.69	111.35	89.44	328.48	334.00
14	2003-04	212.07	2.68	62.12	276.87	877.00
15	2004-05	182.94	9.57	180.13	372.64	1466.00
16	2005-06	170.11	19.54	169.11	358.76	646.65
17	2006-07	165.76	5.15	166.27	337.18	1700.33

#### 3.2 Timber Extracted by Different Agencies

Sr. No.	Year	Quantity of Timber Extracted (in 100 C.M.)			Total	
		Department Purchasers (Contractors/ F.L.C.S.)	Free Grants	Right Holders		
1	2	3	4	5	6	7
1	1990-91	98.00	99.00	4.00	0.00	201.00
2	1991-92	109.00	313.00	2.00	0.00	424.00
3	1992-93	176.00	18.00	Neg.	0.00	194.00
4	1993-94	159.00	131.00	8.00	1.00	299.00
5	1994-95	163.00	171.00	6.00	0.00	340.00
6	1995-96	186.00	174.00	6.00	0.00	366.00
7	1996-97	169.00	131.00	6.00	22.00	328.00
8	1997-98	202.00	150.00	9.00	14.00	375.00
9	1998-99	201.30	166.60	0.00	19.60	387.50
10	1999-2000	171.90	53.80	0.00	7.00	232.70
11	2000-01	197.60	94.30	0.00	5.00	296.90
12	2001-02	202.71	87.50	4.78	2.06	297.05
13	2002-03	272.40	53.00	2.50	0.60	328.50
14	2003-04	123.95	151.09	0.87	0.96	276.87
15	2004-05	291.38	81.18	0.00	0.08	372.64
16	2005-06	301.42	57.34	0.00	0.00	358.76
17	2006-07	263.98	73.21	0.00	0.00	337.19

3.3. Fuelwood Extracted by Different Agencies (1990-2007)

(In 100 Metric ton)

Sr. No.	Year	Department	Purchasers (Contractors/ F.L.C.S.)	Free Grants	Right Holders	Total
1	2	3	4	5	6	7
1	1990-91	370	114	0	4	488
2	1991-92	124	97	1	1	223
3	1992-93	127	50	0	1	178
4	1993-94	133	136	1	Neg.	270
5	1994-95	97	40	3	Neg.	140
6	1995-96	91	80	0	Neg.	171
7	1996-97	111	75	0	14	200
8	1997-98	240	144	0	Neg.	384
9	1998-99	106	104	0	0	210
10	1999-2000	141	44	0	Neg.	185
11	2000-01	192	40	0	Neg.	232
12	2001-02	161	171	0	Neg.	332
13	2002-03	183	151	0	0	334
14	2003-04	368	509	0	0	877
15	2004-05	1103	363	0	0	1466
16	2005-06	431	216	0.00	0.00	647
17	2006-07	1198	502	0.00	0.00	1700



3.4 Circlewise Quantity of Timber & Fuelwood collected and value realized 2006-07

(Q = Quantity in Cu.M)  
(V = Value in Rs. Lakhs)

Sr. No.	Circle	Timber												Fuelwood			
		Round Wood				Sawn wood				Other				Total		Fuelwood	
		Q	V	Q	V	Q	V	Q	V	Q	V	Q	V	Q	V	Q	V
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	Surat	4772.15	1400.96	0.00	0.00	3285.14	305.04	8057.29	1706.00	26940.05	437.40						
2	Vadodara	706.77	35.37	0.00	0.00	0.00	0.00	706.77	35.37	72.64	0.78						
3	Gandhinagar	76.69	3.55	0.00	0.00	1063.25	32.59	1139.94	36.14	16679.38	318.23						
4	Junagadh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124.22	0.99						
5	Kachchh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	214.58	3.25						
6	Junagadh (W.L.)	2.99	0.15	2.38	0.02	0.00	0.00	5.37	0.17	39.49	2.44						
7	Valsad	8032.31	1962.74	400.97	128.64	7537.80	581.10	15971.08	2672.48	17868.29	23.45						
8	Bharuch Extn.	411.79	9.61	0.00	0.00	451.40	4.07	863.19	13.68	3743.80	11.09						
9	Ahmedabad Extn.	2345.54	8.72	0.00	0.00	4289.73	150.74	6635.27	159.46	50611.89	48.05						
10	Mehsana Extn.	228.10	6.83	111.98	8.66	0.00	0.00	340.08	15.59	50449.34	60.58						
11	Rajkot Extn.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2979.32	72.21						
12	Kachchh Extn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	310.17	0.00						
<b>Total</b>		<b>16576.34</b>	<b>3428.03</b>	<b>515.33</b>	<b>137.32</b>	<b>16627.32</b>	<b>1073.54</b>	<b>33718.99</b>	<b>4638.89</b>	<b>170033.17</b>	<b>978.47</b>						

### 3.5 Out-turn of Minor Forest Produce ( 2006-07 )

Sr. No	Name of Produce	Quantity Collected by Forest Dept.		Quantity Collected by GSFDC		Total	
		Quantity (M.T.)	Value (Rs.Lakh)	Quantity (M.T.)	Value (Rs.Lakh)	Quantity (M.T.) Col.3+5	Value (Rs.Lakh) Col.4+6
1	2	3	4	5	6	7	8
1	Bamboos	1731.94	87.53	4.40	1.45	1736.34	88.98
2	Grass	13233.96	395.90	0.00	0.00	13233.96	395.90
3	Kadaya Gum	0.00	0.00	0.00	0.00	0.00	0.00
4	Other Gum	0.00	0.00	53.09	9.43	53.09	9.43
5	Timru Leaves (st.bag.)	17099.00	52.20	111426.00	265.14	128525.00	317.34
6	Aritha	0.00	0.00	0.00	0.00	0.00	0.00
7	Amla	0.00	0.00	31.94	3.41	31.94	3.41
8	Karanj Seeds	0.71	0.04	0.98	0.09	1.69	0.13
9	Puwad seeds	44.68	8.26	211.86	17.02	256.54	25.28
10	Mahuda Fruits (Doli)	9.32	0.77	56.50	6.66	65.82	7.43
11	Mahuda Flowers	17.59	1.40	358.54	67.37	376.13	68.77
12	Wax	0.00	0.00	0.16	0.01	0.16	0.01
13	Honey	0.00	0.00	14.59	1.54	14.59	1.54
14	Limbodi Seeds	0.00	0.00	0.00	0.00	0.00	0.00
15	Ratanjyot	10.30	1.23	92.15	4.08	102.45	5.31
16	Fruits	4.98	0.40	2.55	0.05	7.53	0.45
17	Others (Misc.)	20.06	38.30	44.45	7.06	64.51	45.36
<b>Total</b>		<b>15073.54</b>	<b>586.03</b>	<b>871.21</b>	<b>383.31</b>	<b>15944.75</b>	<b>969.34</b>
<b>Timru Leaves (st.bag.)</b>		<b>17099</b>		<b>111426</b>		<b>128525</b>	

3.6 Districtwise Grass Gaucher, Grass Vids and number of Godown - 2006-07

Sr. No	District	Reserved Vids		Other Vids		Grass Collected (Lakh kg.)	Grass Godowns (No.)	Storage Capacity (Lakh kg.)	Platform Godowns (No.)	Storage Capacity (Lakh kg.)
		Number	Area (Ha.)	Number	Area (Ha.)					
1	2	3	4	5	6	7	8	9	10	11
1	Jamnagar	10	3919.67	62	3873.63	28.02	12	18.00	7	10.50
		1	90.14	3	99.76	0.93	0	0.00	0	0.00
		9	3829.53	59	3773.87	27.09	12	18.00	7	10.50
2	Rajkot	25	12818.35	164	7608.59	24.62	23	22.00	12	18.00
3	Bhavnagar	21	6751.06	2	320.57	21.95	18	37.00	7	9.50
4	Surendranagar	5	3671.90	15	778.83	3.31	13	16.20	0	0.00
5	Junagadh	18	2549.66	60	1168.49	15.58	30	35.00	6	7.00
6	Porbandar	3	3299.64	22	2615.22	5.63	5	5.50	1	2.00
		2	2147.84	17	2043.60	5.52	4	4.00	1	2.00
		1	1151.80	5	571.62	0.11	1	1.50	0	0.00
	Total Junagadh Circle	72	29091	263	12492	71	89	116	26	37
7	Kachchh	14	21459.63	13	12017.38	9.10	14	21.00	0	0.00
8	Junagadh (G.W)Div.	7	1264.12	37	5765.46	7.16	6	7.50	6	10.00
9	Junagadh (G.E)Div.	0	0.00	5	277.75	0.00	1	0.75	0	0.00
10	Amreli (Gir-E)Dhan	8	2095.89	24	2753.68	6.51	14	22.70	9	11.00
11	Rajkot									
	Total Wildlife Junagadh	15	3360.01	66	8796.89	13.67	21	30.95	15	21.00
12	Panchmahals	1	754.04	0	0	10.15	20	52.60	8	20.00
13	Dahod	11	4200.00	0	0	19.84	23	43.80	9	14.60
	Total Vadodara	12	4954.04	0	0.00	29.99	43	96.30	17	34.60
	Grand Total	113	58864.29	342	33305.97	123.85	167	263.95	58	92.10

#### 4 REVENUE AND EXPENDITURE

##### 4.1 Forest Revenue and Expenditure

(Rs.in Lakh)

Sr. No	Year	Revenue	Total Expenditure				Surplis (+)
			Plan	Non- Plan	Non- Plan SCA	Total	Deficit (-)
1	2	3	4	5	6	7	8
1	1960-61	267.73	N.A	N.A	0	93.57	174.16
2	1970-71	413.37	88.61	153.26	0	241.87	171.50
3	1980-81	1180.65	1424.07	400.44	0	1824.51	-643.86
4	1985-86	2832.56	3373.58	899.71	0	4273.29	-1440.73
5	1989-90	3153.46	4165.85	2169.74	0	6335.59	-3182.13
6	1990-91	2503.40	3747.94	4146.04	0	7893.98	-5390.58
7	1991-92	3528.42	5139.06	5373.87	0	10512.93	-6984.51
8	1992-93	2716.40	5384.86	5591.19	0	10976.05	-8259.65
9	1993-94	3050.80	4906.78	5639.66	0	10546.44	-7495.64
10	1994-95	2344.32	5349.53	6657.56	0	12007.09	-9662.77
11	1995-96	2545.87	12489.56	7361.22	0	19850.78	-17304.91
12	1996-97	2557.00	11746.00	7530.00	0	19276.00	-16719.00
13	1997-98	2881.00	15053.00	8145.00	0	23198.00	-20317.00
14	1998-99	2813.13	17610.28	10458.04	0	28068.32	-25255.19
15	1999-2000	2858.78	19560.69	10266.86	0	29827.55	-26968.77
16	2000-01	1845.34	20201.86	11205.45	0	31407.31	-29561.97
17	2001-02	1874.06	13509.82	11458.8	0	24968.62	-23094.56
18	2002-03	2018.53	9427.41	11129.64	0	20557.05	-18538.52
19	2003-04	3326.18	15352.76	11746.39	0	27099.15	-23772.97
20	2004-05	4265.17	14148.26	11797.88	181.98	26128.12	-21862.95
21	2005-06	2345.47	14720.68	12350.78	0	27071.46	-24725.99
22	2006-07	4732.46	23184.71	13350.03	0	36534.74	-31802.28

**4.2 Details of Collection, Expenditure & Sales of MFPs- by GSFDC Ltd:  
2006-07**

Sr. No	Name of Produce	Production (in Quintal)	Total Expenditure (Rs. Lakh)	Sale Value (Rs. Lakh)
1	2	3	4	5
1	Kadaya Gum	0.00	0.00	0.00
2	Other Gum	530.95	1.47	9.43
3	Timru Leaves (st.bag.)	111426.00	445.70	265.14
4	Aritha	0.00	0.00	0.00
5	Amla	319.39	8.53	3.41
6	Karanj Seeds	9.82	0.06	0.09
7	Puwad seeds	2118.85	1.61	17.02
8	Mahuda Fruits (Doli)	565.03	4.71	6.66
9	Mahuda Flowers	3585.39	2.82	67.37
10	Wax	1.62	0.11	0.01
11	Honey	145.84	5.10	1.54
12	Limbodi Seeds	0.00	0.00	0.00
13	Ratanjyot	921.50	1.36	4.08
14	Fruits	25.50	0.11	0.05
15	Others (Misc.)	444.21	10.19	7.06
<b>Total</b>		<b>8668.10</b>	<b>481.77</b>	<b>381.86</b>
<b>Timru Leaves (st.bag.)</b>		<b>111426</b>		

## 5 FIVE YEAR PLANS

### 5.1 Investment in Forestry, various plans in Gujarat

(1961-2006-07)							(Rs. in Crore)
Sr. No.	Plan Period	General Sector	Agriculture and Allied Sector	Forestry Sector	Percentage of Col. 5 to Col. 3	Percentage of Col. 5 to Col. 4	
1	2	3	4	5	6	7	
1	Third Five Year Plan (1961-1966)	240	47.00	2.24	0.93	4.77	
2	Third Annual Plan (1966-1969)	211	49.00	2.21	1.05	4.51	
3	Fourth Five Year Plan (1969-1974)	545	75.00	3.92	0.72	5.23	
4	Fifth Five Year Plan (1974-1978)	1005	145.00	12.68	1.26	8.74	
5	Two Annual Plans (1978-1980)	831	91.10	13.83	1.66	15.18	
6	Sixth Five Year Plan (1980-1985)	3887	418.19	102.80	2.64	24.58	
7	Seventh Five Year (1985-1990)	5534	474.30	148.93	2.69	31.40	
8	Two Annual Plans (1990-1992)	3388	210.88	91.38	2.70	43.33	
9	Eighth Five Year Plan (1992-1997)	11756	788.74	341.37	2.90	43.28	
10	Ninth Plan (1997-2002)	28000	2009.70	803.00	2.87	39.96	
11	Annual Plan (1997-1998)	4500	326.15	150.40	3.34	46.11	
12	Annual Plan (1998-1999)	5450	350.60	174.00	3.19	49.63	
13	Annual Plan (1999-2000)	6550	414.90	200.00	3.05	48.20	
14	Annual Plan * (2000-01)	7600	512.32	227.00 (210.00)*	2.99 (2.76)	44.31 (40.99)	
15	Annual Plan (2001-02)	7200	669.85	168.00	2.33	25.08	
16	Annual Plan (2002-03)	7600	533.42	170.00 (88.21)*	2.24 (1.16)	31.87 (16.54)	
17	Annual Plan (2003-2004)	7860	563.43	170.00	2.16	30.17	
18	Annual Plan (2004-2005)	8610	524.82	150.00	1.74	28.58	
19	Annual Plan (2005-2006)	11000	589.38	152.00	1.38	25.79	
20	Annual Plan (2006-2007)	12503	590.82	161.00	1.29	27.25	

\* Budget outlay revised.

\*\* Expenditure

## 5.2 (A) Financial Target & Achievement under various Schemes State Plan

Sr.No.	Name of the Scheme	Tenth Plan Outlay (2002-2007)	(Rs in lakh)	
			2006-07 Outlay	Exp.
1	2	3	4	
<b>I DIRECTION &amp; ADMINISTRATION</b>				
1	FST-1 Forest Protection	4204.00	144.60	131.93
2	FST-1 Intered Forest Protection (25% state plan 75%CSS)	0.00	100.00	98.00
<b>II STATISTICS</b>				
3	FST-2 Information & Tecnology	504.00	100.00	74.80
<b>III COMMUNICATION &amp; BUILDING</b>				
4	FST-3 Development of communication	1432.00	50.00	50.86
5	FST-4 Construction of Van Bhavan	763.00	250.00	250.00
	<b>Sub Total</b>	<b>6903.00</b>	<b>644.60</b>	<b>605.59</b>
<b>IV FOREST CONS.&amp; DEVELOPMENT</b>				
6	FST-5 Soil & Moisture Conservation	27113.00	5570.70	5553.70
7	FST-7 Forest Reasearch(CSS State Plan)	5351.00	1119.50	1117.57
8	FST-8 Community Forestry Project	20939.00	4109.00	4104.09
9	FST-9 Compensatory Afforestation in lieu of Regularization of unauthorised cultivation	13423.00	8422.20	8416.51
10	FST-10 Dantiwala River Project	3662.00	46.00	46.00
11	FST-11 Tribal Welfare	580.00	56.16	53.39
12	FST-12 Secretariat economic services	84.00	10.00	0.00
	<b>Sub Total</b>	<b>71152.00</b>	<b>19333.56</b>	<b>19291.26</b>
<b>V PLANTATION</b>				
13	FST-13 I.F.D.P.(OECF Japan)	20059.00	50.00	50.55
14	FST-14 Spacial Area Programm	0.00	330.00	327.58
	<b>Sub Total</b>	<b>20059.00</b>	<b>380.00</b>	<b>378.13</b>
15	Twelfth Finance Commission	0.00	400.00	400.30
<b>VI EDUCATION (Extension and Training)</b>				
16	FST-16 Border Aera Dev.Project	0.00	166.00	166.01
	<b>Sub Total</b>	<b>0.00</b>	<b>166.00</b>	<b>166.01</b>
<b>VII MANAGEMENT OF ZAMINDARI</b>				
17	FST- Eco-Tourism	0.00	1000.00	993.50
	<b>Sub Total</b>	<b>0.00</b>	<b>1000.00</b>	<b>993.50</b>
<b>VIII Other Expenditure</b>				
18	FST-6 Management of Sanctuaries and National Parks.	8720.00	1360.00	1349.99
19	FST-15 Earmarked for T.A.S.P.	3166.00	528.54	0.00
	<b>Sub Total</b>	<b>11886.00</b>	<b>1888.54</b>	<b>1349.99</b>
<b>GRAND TOTAL</b>		<b>110000.00</b>	<b>23812.70</b>	<b>23184.78</b>

5.2 (B) Physical Target & Achievement under various Schemes -State Plan

Sr.No.	Name of the Scheme	2006-07	
		Target	Achi.
<b>I DIRECTION &amp; ADMINISTRATION</b>			
1	FST-1 Forest Protection	Staff-60, Forest protection works, Fire line, Fire teams, Boundary drains -Pucca & Kachcha	Staff, Fire protection works contd.
<b>II STATISTICS</b>			
2	FST-2 Planning & Evaluation	Staff and Equipments etc.	Staff and Equipments, Computer Stationary, Training etc.
<b>III COMMUNICATION &amp; BUILDING</b>			
3	FST-3 Development of communication	Construction of Building and road maintenance CD works	Construction of Building and road maintenance CD works
4	FST-4 Construction of Van Bhavan	Construction of Van Bhavan	Part work
<b>IV FOREST CONS.&amp; DEVELOPMENT</b>			
5	FST-5 Soil & Moisture Conservation	Staff-16, Advance works, Pl. 46224 ha., & Maint. and Dev. works	Advance works, Pl. 46226 ha. & Maint.
6	FST-8 Community Forestry Project	Adv.works, Pl. 15884 ha & SCP Pl. 2500 ha. Old Plantaion maint. & Raising of seedlings 1764.28 lakh	Adv.works, Pl. 15986 ha & maint. & Raising of seedlings 1890.21 lakh
7	FST-10 Border Area Development Project	Adv. works, Pl.107.50 ha., & Maint.	Adv. works, Pl.107.50 ha., & Maint.
8	FST-11 Drip Irrigation Plantation on barren hillocks	Adv. works, Pl.262 ha. & Maint.	Adv. works, Pl.263 ha. & Maint.
9	FST- Twelth Finance Commission	Demarcation, Dev. Grassland, Biodiversity, Entry point activities, Bamboo and Medicinal plantation	Part work
<b>V PLANTATION</b>			
10	FST-12 Area Oriented Fuelwood & Fodder Project (CSS 50%)	Maint. & Staff 26	Maint. and Staff contd.
11	FST-13 Plantation of Minor Forest Produce	Adv. works, Pl. 2092 ha. & Maint.	Adv. works, Pl. 2094 ha. & Maint.
12	FST-14 Plantation of Medicinal Plants		
<b>VI EDUCATION (Extension and Training)</b>			
13	FST-15 Research, Training, Orientation & Publicity	Training of Staff, Publicity works, Forest Research & pl. & Staff	Training of Staff, Publicity works, Forest Research & pl. & Staff contd.
14	FST-16 Forest Research (CSS State Part)		
<b>VII MANAGEMENT OF ZAMINDARI</b>			
15	FST-17 Aquisition of Private Forests	Distribution of awards	Payment of awards
<b>VIII OTHER EXPENDITURE</b>			
16	FST-18 Tribal Welfare	Tribal Welfare works & Staff -30	Tribal Welfare works & Staff contd.
17	FST-19 Development of Forest Settlement	Staff-12	Staff contd.-12
<b>IX PRESERVATION OF WILDLIFE</b>			
18	FST-20 Management of Sanctuary & National Parks	Staff & Maint. of Sanctuaries and National Parks & Dev. Works	Staff & Maint. of Sanctuaries and National Parks & Dev. Works contd.
<b>X Secretariat Economic Services</b>			
19	FST-25 Secretariat Economic Services		



**5.3 (A) Financial Target & Achievement under various Schemes TASP**

Sr.No.	Name of the Scheme	Tenth Plan Outlay (2002-2007)	2006-07	
			Outlay	Exp.
1	2	3	4	5
1	FST-1 Forest Protection	1506.00	70.00	62.55
2	FST-2 Planning Evaluation & Information Technology	29.00	0.00	0.00
3	FST-3 Communication- Road & Building	259.00	35.00	35.86
4	FST-5 Soil & Moisture Conservation	10255.00	2758.00	2739.24
5	FST-7 Research, Training, Orientation & Publicity	2275.00	383.00	382.05
6	FST-8 Community Forestry Project	6212.00	979.00	978.15
7	FST-11 Tribal Welfare	617.00	56.16	53.39
8	FST-13 I.F.D.P.	7700.00	15.00	14.51
9	FST-14 Special Area Programme (Dangs)	0.00	330.00	327.58
10	FST-6 Management of Sanctuary & National Parks	390.00	100.00	97.59
11	FST-15 Earmarked for TASP	3166.00	528.54	0.00
<b>GRAND TOTAL</b>		<b>32409.00</b>	<b>5254.70</b>	<b>4690.92</b>

**5.3 (B) Physical Target & Achievement under various Schemes TASP  
(2004 - 05 to 2006-07)**

Sr.No.	Name of the Scheme	2006-07	
		Target	Achi.
1	2	3	4
1	FST-1 Forest Protection	Fire protection works, Fire line works, Fire teams & Staff-5	Fire protection part works & Staff contd.
2	FST-2 Planning Evaluation & Information Technology	Fire teams & Staff	
3	FST-3 Communication- Road & Building	Building construction, Roadmetting works, CD work	Part Works
4	FST-5 Soil & Moisture Conservation	70% Adv works for 2006-07 4342 Ha., Maint.	Adv. works and New Pl. and Maint. of old Pl.
5	FST-7 Research, Training, Orientation & Publicity	Training, Research work	Part works
6	FST-8 Community Forestry Project	Staff and New pl. 4186 ha. and old pl. maint and 2006-07 70% Adv. works and Seedling distribution	Staff cont. and New pl. 4187 ha.
7	FST-11 Tribal Welfare	Staff, Welfare of Kotwalia,	Staff contd. & Welfare activities
8	FST-13 I.F.D.P.	Maint. of old Pl. and Staff, Maint of Building, Vehicle and Vanchetana	Old pl. & Maint. and Staff - contd.
9	FST-14 Special Area Programme (Dangs)	Maint. of old Pl. and Staff, Maint of Building, Vehicle and Vanchetana	Old pl. & Maint. and Staff - contd.
10	FST-6 Management of Sanctuary & National Parks	Staff-6, Dev. of National Parks Vansda Sanctuaries	Staff cont. Dev. of National Parks Vansda Sanctuaries
11	FST-15 Earmarked For TASP		