

7.26 TELANGANA

Geographical Area	114,865 sq km
Population (as per Census 2011)	35.19 million
Urban	13.61 million (38.68%)
Rural	21.58 million (61.32%)
Tribal	3.29 million (9.35%)
Average Population Density	306 per sq km
Livestock population (as per 18th Live Stock Census)	56.10 million (including Andhra Pradesh)
No. of Districts (as per Census 2001)	10
No. of Hill Districts	0
No. of Tribal Districts	3

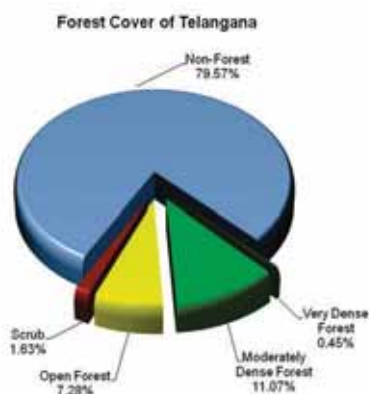
Land Use Pattern

Land Use	Area in '000 ha	Percentage
Total Geographical Area	11,487	
Reporting area for land utilization	11,484	100
Forests	2,743	23.88
Not available for cultivation	1,510	13.15
Permanent pastures and other grazing lands	302	2.63
Land under Misc. Tree crops and groves	114	0.99
Culturable wasteland	178	1.55
Fallow lands other than current fallows	717	6.24
Current fallows	960	8.36
Net area sown	4,961	43.20

Source: Landuse Statistics, Ministry of Agriculture, GOI, 2012-13.

Forest Cover Within Recorded Forest Area	
Very Dense Forest	511 sq km
Moderately Dense Forest	12,313 sq km
Open Forest	7,455 sq km
Sub Total	20,279 sq km
Forest Cover Outside Recorded Forest Area	
Very Dense Forest	2 sq km
Moderately Dense Forest	399 sq km
Open Forest	911 sq km
Sub Total	1,312 sq km
Total Forest Cover	21,591 sq km
Forest Cover Within Green Wash	
Very Dense Forest	512 sq km
Moderately Dense Forest	12,140 sq km
Open Forest	7,212 sq km
Sub Total	19,864 sq km
Forest Cover Outside Green Wash	
Very Dense Forest	1 sq km
Moderately Dense Forest	572 sq km
Open Forest	1154 sq km
Sub Total	1,727 sq km
Total Forest Cover	21,591 sq km
Tree Cover	2,549 sq km
Total Forest & Tree Cover	24,140 sq km
Per capita Forest & Tree Cover*	0.069 ha
Of State's Geographical Area	21.02 %
Of India's Forest & Tree Cover	3.04 %

Forest Cover Informatics in Different Patch Size Class				
S.No.	Patch Size Range in (sq km)	No. of Patches	Area (sq km)	%age
1.	<= 0.01 <=1.0	8,074	747	3.47
2	> 1.0 <= 10	343	979	4.53
3	> 10 <= 100	71	1,896	8.78
4	> 100 <= 500	16	3,950	18.29
5	> 500 <= 1000	6	4,448	20.6
6	> 1000 <= 5000	2	4,455	20.63
7	> 5000 <= 10000	1	5,116	23.7
8	> 10000	0	0	0.00
	Total	8,513	21,591	100



Forest Types

(Area in km²)

Forest Type	Area	Percent
3B/C2 Southern Moist Mixed Deciduous Forest	207.64	0.87
5A/C3 Southern Dry Mixed Deciduous Forest	16,165.00	67.82
5A/C1b Dry Teak Forest	4,220.26	17.71
5/DS2 Dry Savannah Forest	0.11	0
5/E4 <i>Hardwickia</i> Forest	0.79	0
5/E9 Dry Bamboo Brakes	3.81	0.02
5/2S1 Secondary Dry Deciduous Forest	376.57	1.58
6A/C1 Southern Thorn Forest	322.16	1.35
5/DS1 Dry Deciduous Scrub	2,334.36	9.79
Plantation/TOF	204.15	0.86
Total	23,834.83	100

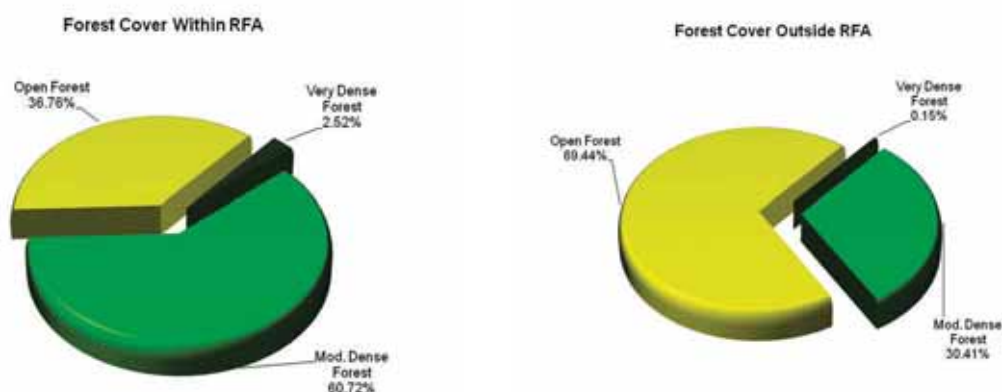
Source: Atlas Forest Types of India, 2011

Growing Stock

Growing Stock in Recorded Forest Area	57.39 million cum
Growing Stock in TOF	37.60 million cum

Recorded Forest Area

Reserved Forest	20,353 sq km
Protected Forest	5,939 sq km
Unclassed Forest	612 sq km
Total	26,904 sq km
Of State's Geographical Area	23.42 %
Of India's Forest Area	3.52 %



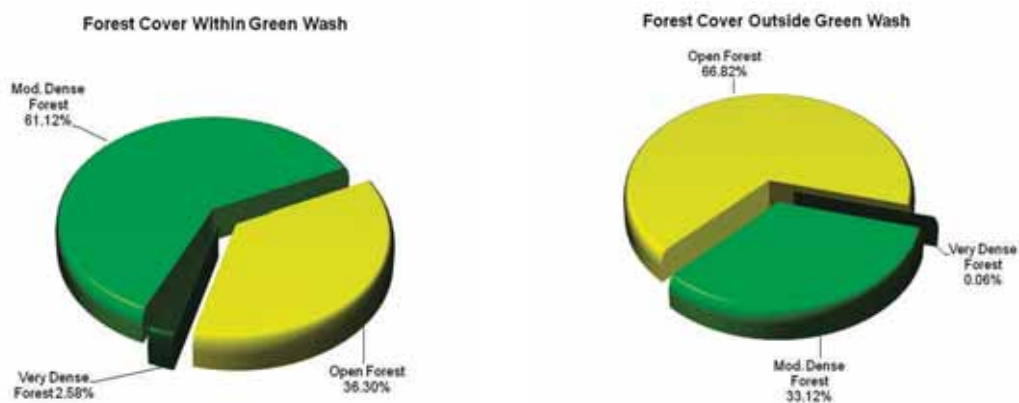


Figure 7.26: Forest Cover Map of Telangana

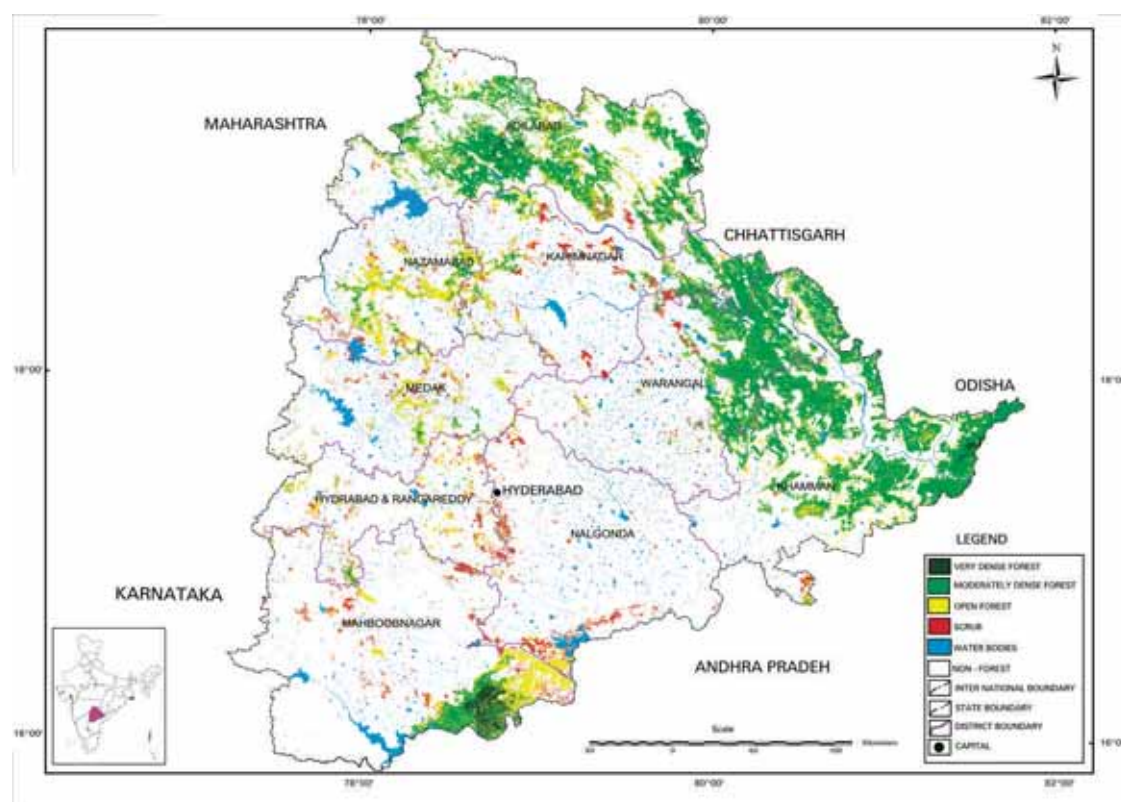


Table 7.26a: District-wise Forest Cover of Telangana

District-wise Forest Cover (Area in km²)

District	Geo-graphical Area	Very Dense Forest	Mod. Dense Forest	Open Forest	Total	Percent of GA	Change	Scrub
Adilabad ^T	16,128	127	3,633	2,277	6,037	37.43	-8	105
Hyderabad & Rangareddy	7,710	0	53	355	408	5.29	21	251
Karimnagar	11,823	0	973	696	1,669	14.12	0	372
Khammam ^T	16,029	49	4,864	1,698	6,611	41.24	-142	39
Mahboobnagar	18,432	337	530	1088	1,955	10.61	13	316
Medak	9,700	0	92	492	584	6.02	4	136



District-wise Forest Cover (Area in km²)

District	Geo-graphical Area	Very Dense Forest	Mod. Dense Forest	Open Forest	Total	Percent of GA	Change	Scrub
Nalgonda	14,240	0	12	150	162	1.14	8	357
Nizamabad	7,956	0	216	969	1,185	14.89	-5	140
Warangal ¹	12,847	0	2,339	641	2,980	23.20	-59	158
Grand Total	114,865	513	12,712	8,366	21,591	154	-168	1,874

Table 7.26b Change Matrix of Telangana

Forest Cover Change Matrix (Area in km²)

Class	2015 Assessment					Total ISFR 2013
	VDF	MDF	OF	Scrub	NF	
Very Dense Forest	484	0	0	0	0	484
Moderately Dense Forest	29	12,687	49	0	151	12,916
Open Forest	0	18	8,157	1	183	8,359
Scrub	0	4	26	1,827	13	1,870
Non Forest	0	3	134	46	91,053	91,236
Total ISFR 2015	513	12,712	8,366	1,874	91,400	114,865
Net change	29	-204	7	4	164	

Table 7.26c : Altitude-wise Forest Cover of Telangana

Altitude-wise Forest Cover (Area in km²)

Altitude Zone	VDF	MDF	OF	Total
0-500m	189	11,420	6,172	17,781
500-1000m	324	1,284	2,194	3,802
1000-2000m	0	8	0	8
Total	513	12,712	8,366	21,591

(Based on SRTM, Digital Elevation Model)

Reasons for change detected in 2015 assessment:

The reasons for decrease in forest cover are mainly due to rotational/clear fellings of commercial plantations, encroachment and other biotic pressures. Positive changes in forest cover of certain districts are attributed to plantation activities.