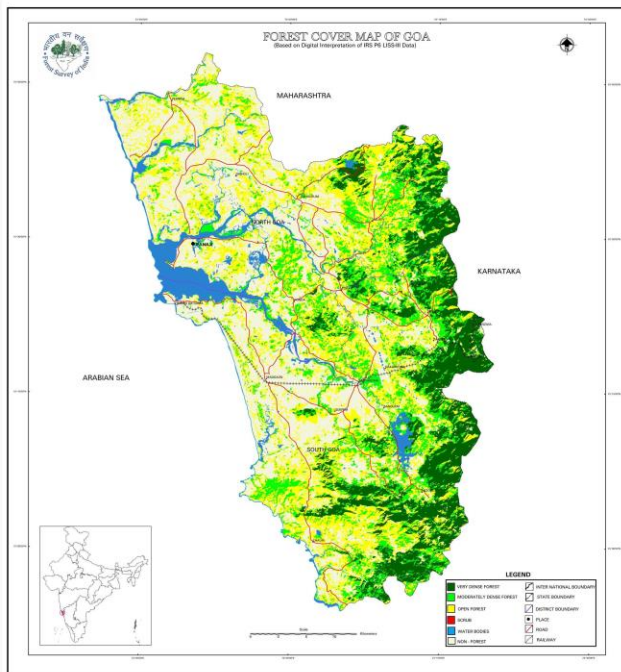


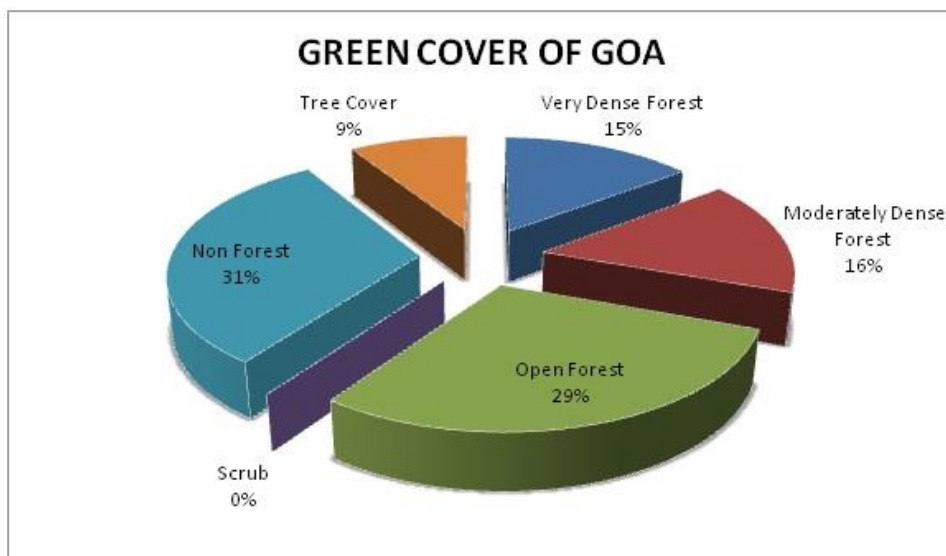
Forest and Tree Cover

The Forest Survey of India (FSI) assesses the forest and tree cover of the country along with other resource parameters biennially using the remote sensing technology and is published in the State of Forest Report (SFR). As per the State of Forest Report published by the Forest Survey of India, the forest cover of the state is 2219 Km² which is 59.94 % of the State's geographical area. The estimated tree cover in the state is 334 Km² which is 9.02 % of the Geographical area. The district wise area in different density classes, the total forest and tree cover and the altitude Zone wise forest cover is given in the tables and charts below:

[Click to see a larger map](#)



Forest Cover		Area in Km ²					Percentage of Geographical area
District	Geographical area	Very Dense Forest	Moderately Dense Forest	Open Forest	Total Area		
North Goa	1736	128	236	559	923	53.17	
South Goa	1966	415	349	532	1296	65.92	
Total	3702	543	585	1091	2219	59.94	
Tree Cover					334	9.02	
Total Forest and Tree Cover (GREEN COVER)					2553	68.96	



Altitude Zone - wise Forest Cover

Area in Km ²				
Altitude Zone	Very Dense Forest	Moderately Dense Forest	Open Forest	Total Area
0-500m	444	561	1058	2063
500-1000m	99	24	33	156
Total	543	585	1091	2219

The total estimated growing stock in the state as per the SFR 2013 is 10.33 million cum and the estimated bamboo bearing area of the state is 308 Km².

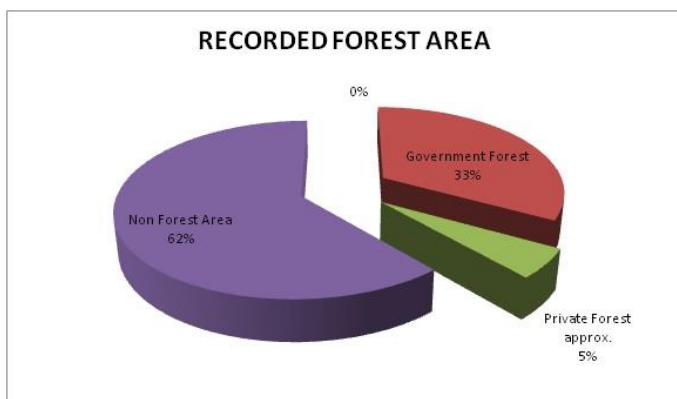
Forest Cover Assessments in the previous Years

State of Forest Report	Forest Cover in Km ²
2013	2219
2011	2219
2009	2151
2005	2164
2003	2156
2001	2095

RECORDED FOREST AREA

The total forest area of Goa is 1424.46 sq. km, out of which 200 sq. km approximately is privately owned. This amounts to 33.08% of the geographical area of Goa being government forest, and 5.40% being private forest. 61.52% of Goa's geographical area is non-forest land

Geographical Area	3702.00
Forest Area	1424.46
Government Forest	1224.46
Private Forest approx.	200.00



DISTRICT WISE FOREST AREA OF GOA

Sl.No.	Name of District	Area (sq.km.)
1	North Goa	354.48
2	South Goa	869.9

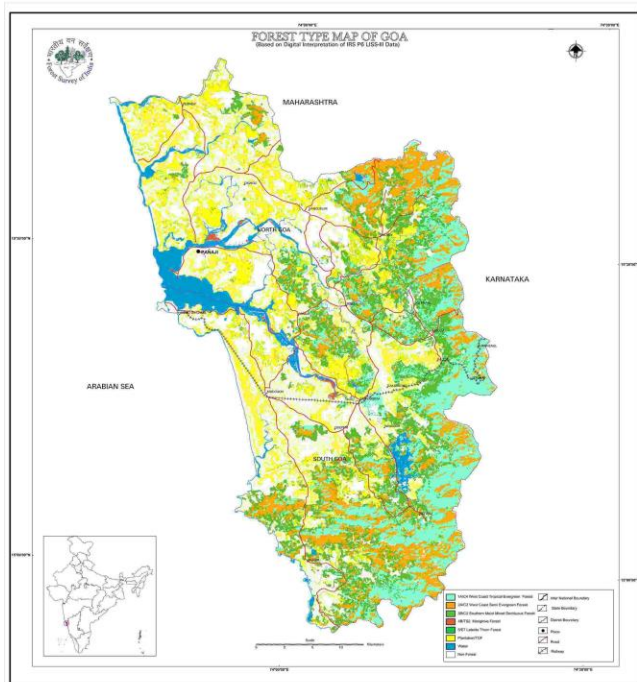
FOREST AREA BY LEGAL STATUS (sq. km)

Class of Forest	Area (sq. Km.)
Reserved Forests under Section 20 IFA	253.32
Proposed Reserved Forests under S/ 4 of IFA	709.90
Unclassed Forests	261.24
TOTAL	1224.46

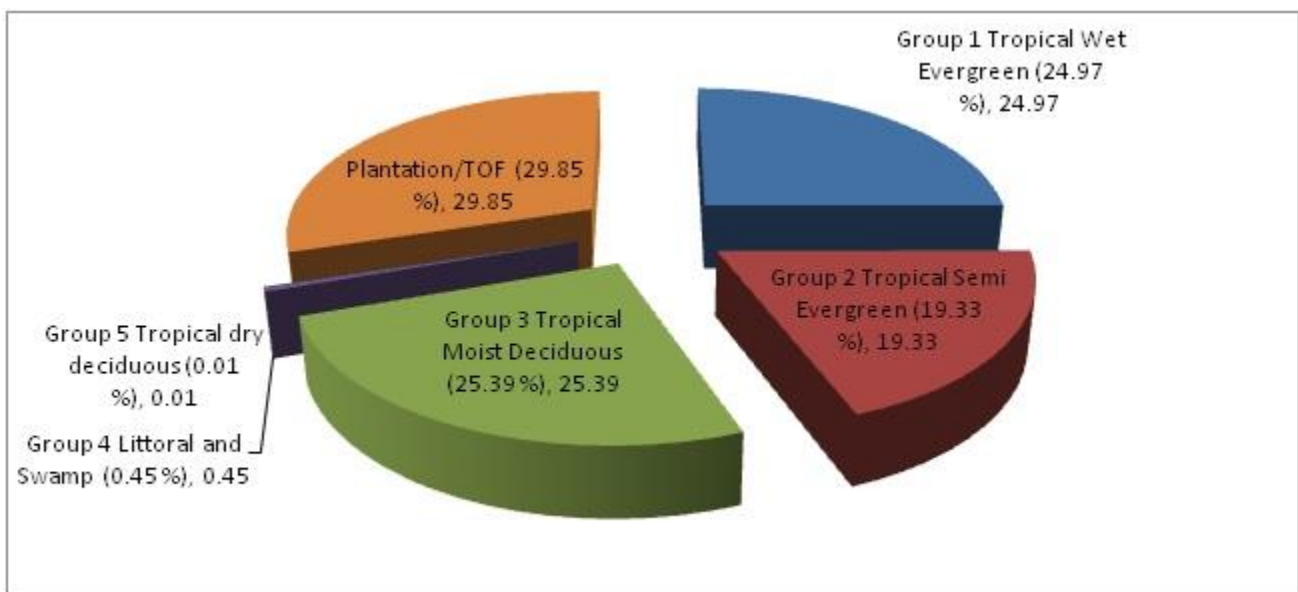
FOREST TYPE CLASSIFICATION

The Forest Survey of India has mapped the forest types in using satellite data with reference to Champion and Seth Classification. As per this assessment in the State of Forest Report 2011, the state has 5 forest types which belong to five forest type groups.

[Click to see a larger map](#)



Sl.No	Forest Type	Percentage area
1	Tropical Wet Evergreen	24.97
2	Tropical Semi Evergreen	19.33
3	Tropical Moist Deciduous	25.39
4	Littoral and Swamp	0.45
5	Tropical dry deciduous	0.01



MANGROVES

The mangroves are salt tolerant plant communities found along the tropical and sub-tropical tidal regions of the world between 24 degrees north and 38 degrees south latitudes. These ecosystems are rich in biodiversity and the mangrove vegetation exhibit a number of morphological and physiological adaptations in order to survive in such harsh conditions characterized by lack of oxygen, high salinity and frequent tidal inundation. As per the SFR report 2013, the area of the mangrove vegetation was 22 Sq.Km. The district wise and density wise area under mangroves in the state of Goa is given below

Area in Sq. Km				
District	Very Dense	Moderately Dense	Open	Total Area
North Goa	0	16	1	17
South Goa	0	4	1	5
Total	0	20	2	22

Mangrove Area Assessments in Previous Years as per SFR

State of Forest Report	Area in Km ²
2013	22
2011	22
2009	17
2005	16
2003	16