

States/UTs	Geographical Area (sq km)	RFA (sq km)	Volume of Growing Stock (m. cum)		
			In Forest	In TOF	Total
Kerala	38,863	11,309	152.269	45.788	198.057
Madhya Pradesh	308,245	94,689	251.003	82.979	333.982
Maharashtra	307,713	61,357	208.495	139.704	348.199
Manipur	22,327	17,418	50.288	9.368	59.656
Meghalaya	22,429	9,496	39.882	20.047	59.929
Mizoram	21,081	16,717	59.359	8.165	67.524
Nagaland	16,579	9,222	37.076	11.890	48.966
Odisha	155,707	58,136	235.768	74.494	310.262
Punjab	50,362	3,084	13.018	17.061	30.079
Rajasthan	342,239	32,737	34.088	79.170	113.258
Sikkim	7,096	5,841	23.841	2.423	26.264
Tamil Nadu	130,058	22,877	116.042	62.139	178.181
Tripura	10,486	6,294	22.904	6.871	29.775
Uttar Pradesh	240,928	16,583	134.509	76.106	210.615
Uttarakhand	53,483	34,651	473.083	19.336	492.419
West Bengal	88,752	11,879	83.305	41.737	125.042
Andaman & Nicobar Islands	8,249	7,171	57.953	0.545	58.498
Chandigarh	114	35	0.262	0.082	0.344
Dadra & Nagar Haveli	491	204	1.807	0.720	2.527
Daman & Diu	112	8	0.001	0.104	0.105
Lakshadweep	32	0	0.000	0.052	0.052
Puducherry	480	13	0.083	0.294	0.377
Total	3,287,263	771,821	4,173.362	1,484.684	5,658.046

data, FSI used results of wall to wall mapping of forest cover of the country using remote sensing data. For stratification of the activity data, FSI has used two variables namely forest types and canopy density. For estimation of emission factors for different strata, the data of National Forest Inventory (NFI) has been used. The emission factors for above ground woody biomass of trees having dbh 10 cm and more and soil organic carbon were developed from regular forest inventory. For emission factors of above ground biomass (AGB) of trees below 10cm dbh, AGB of branches, foliage of trees having dbh 10cm and above, biomass of shrubs, herbs, climbers and biomass of dead wood were

derived from biomass equations/factors developed through a special study conducted by FSI. GIS techniques were used for synthesizing the data and to estimates carbon stock under different carbon pools. In the present assessment total carbon stock in forest is estimated to be 6,941 million tonnes. There is an increase of 278 million tonnes in the carbon stock of country as compared to the last assessment of the year 2004. The estimates of carbon stock as per present assessment corresponds to data year of 2011 and the changes in carbon stocks with respect to 2004 as given in ISFR 2011 are presented in Table 5.6.