

# Forests & Protected Areas

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**Table 10.1:** Assessment of Recorded Forest Area

Forest	Year of Assessment		
	2011	2013	2015
Reserved Forests (sq. km.)	4,175	4,175	4,175
Protected Forest (sq. km.)	2	2	2
Un classed Forest (sq. km.)	2,117	2,117	2,117
Total Forest Area (sq. km.)	6,294	6,294	6,294
% of Forest Area to State's Geographical Area	60.02	60.02	60.02
% of India's Forest Area	0.816	0.816	0.816

**Table 10.2:** Assessment of Forest Cover

Forest	Year of Assessment		
	2011	2013	2015
Very Dense Forest (sq. km.)	109	109	113
Moderate Dense Forest (sq. km.)	4,686	4,641	4,609
Open Forest (sq. km.)	3,182	3,116	3,089
Total Forest Cover (sq. km.)	7,977	7,866	7,811
% of Forest Cover to State's Geographical Area	76.07	75.01	74.49
% of India's Forest Cover	1.15	1.13	1.11

**Table 10.3:** Year-wise Forest Cover

(in sq. km.)

Year of Assessment	Total Forest Cover
2001	8,869
2003	8,123
2005	8,155
2007	8,073
2009	8,073
2011	7,977
2013	7,866
2015	7,811

**Source** (Tables 10.1-10.3): Forest Survey of India, Dehradun, Uttarakhand, Ministry of Environment, Forest and Climate Change, Govt. of India (India State of Forest Report, 2011, 2013, 2015). <http://fsi.nic.in/>; (Accessed on 16.06.2017)

**Table 10.4:** District-wise Forest Cover

(insq. km.)

District	Geo-graphical	2015 Assessment						
		Very Dense Forest	Mod. Dense Forest	Open Forest	Total	Percent of GA	Change	Scrub
Dhalai	2,402	4	1,250	640	1,894	78.85	-4	9
North Tripura	2,039	11	922	509	1,442	70.72	-17	34
South Tripura	3,057	75	1,375	1,000	2,025	80.14	-10	11
West Tripura	2,993	23	1,062	940	2,450	67.66	-24	1
<b>Grand Total</b>	<b>10,491</b>	<b>113</b>	<b>4,609</b>	<b>3,089</b>	<b>7,811</b>	<b>74.45</b>	<b>-55</b>	<b>55</b>

**Table 10.5:** Forest Cover Change Matrix

(insq.km.)

Class	2015 Assessment					Total ISFR 2013
	VDF	MDF	OF	Scrub	NF	
Very Dense Forest	109	0	0	0	0	109
Moderately Dense Forest	4	4,609	6	0	22	4,641
Open Forest	0	0	3,078	0	38	3,116
Scrub	0	0	5	50	11	66
Non Forest	0	0	0	5	2,554	2,559
Total ISFR 2015	113	4,609	3,089	55	2,625	10,491
Net Change	4	-32	-27	-11	66	

**Table 10.6:** Altitude-wise Forest Cover

(in sq. km.)

Altitude Zone	2015 Assessment			
	VDF	MDF	OF	Total
0-500	113	4,568	3,068	7,749
500-1000	0	41	21	62
<b>Total</b>	<b>113</b>	<b>4,609</b>	<b>3,089</b>	<b>7,811</b>

VDF=Very Dense Forest; MDF= Moderate Dense Forest; OF= Open Forest

**Source** (Tables 10.4-10.6): Forest Survey of India, Dehradun, Uttarakhand, Ministry of Environment, Forest and Climate Change, Govt. of India (India State of Forest Report, 2011, 2013, 2015). <http://fsi.nic.in/>; (Accessed on 20.06.2017)

**Table 10.7:** Forest Cover within/outside Green Wash

<b>Forest Cover within Green Wash</b>	
Very Dense Forest	101 sq km
Moderately Dense Forest	4,032 sq km
Open Forest	2,467 sq km
Sub Total	6,600 sq km
<b>Forest Cover outside Green Wash</b>	
Very Dense Forest	12 sq km
Moderately Dense Forest	577 sq km
Open Forest	622 sq km
Sub Total	1,211 sq km
Total Forest Cover	7,811 sq km
Tree Cover	233 sq km
Total Forest Tree Cover	8,044 sq km
Per Capita Forest & Tree Cover	0.220 ha
Of State's Geographical Area	76.71%
Of India's Forest & Tree Cover	1.01%

**Table 10.8:** Estimates of Tree Cover

<b>Year</b>	<b>Tree Cover</b>	
	<b>Area (sq. km.)</b>	<b>% of G.A.</b>
2011	184	1.75
2013	213	2.03
2015	233	2.22

**Source** (Tables 10.7-10.8): Forest Survey of India, Dehradun, Uttarakhand, Ministry of Environment, Forest and Climate Change, Govt. of India (India State of Forest Report, 2011, 2013, 2015). <http://fsi.nic.in/>; (Accessed on 16.06.2017)

**Table 10.9:** Growing Stock in different Forest Area

Growing Stock	2015 Assessment
	(volume in million cum)
Growing Stock in Recorded Forest Area	22.74
Growing Stock in TOF	7.07

TOF= Tree Outside Forests

**Source:** Forest Survey of India, Dehradun, Uttarakhand, Ministry of Environment, Forest and Climate Change, Govt. of India (India State of Forest Report, 2015).  
<http://fsi.nic.in/>; (Accessed on 16.06.2017)

**Table 10.10:** Forest Types

Forest Types	Area	Percent
2B/2S1 Pioneer <i>Euphorbiaceous</i> Scrub	1.14	0.01
2B/ C2 Cachar Tropical Semi-Evergreen Forest	229.70	2.80
2/2S1 Secondary Moist Bamboo Brakes	677.84	8.28
3C/C1b(ii) East Himalayan Lower Bhabar Sal Forest	301.72	3.67
3C/3Cb East Himalayan Moist Mixed Deciduous Forest	3182.92	38.75
3/1S1 Low Alluvial Savannah Woodland Forest	3820.62	42.52
<b>Total</b>	8214.00	100

**Source:** Ministry of Environment, Forest & Climate Change, Forest Survey of India, Govt. of India (India State of Forest Report, 2015) (Atlas Forest Types of India, 2011).  
<http://fsi.nic.in/isfr-2015/isfr-2015-forest-and-tree-resources-in-states-and-union-territories.pdf>  
 (Accessed on 17.06.2017)

**Table 10.11:** Forest Cover Informatics in Different Patch Size Class

Patch Size Range in (sq km)	No. of Patches	Area (sq. km.)	% age
>=0.01 <= 1.0	3,071	214	2.74
> 1.0 <= 10	74	181	2.32
>10 <= 100	3	66	0.84
>100 <= 500	0	0	0.0
>500 <= 1000	0	0	0.0
>1000 <= 5000	0	0	0.0
>5000 <= 10000	1	7,350	94.10
>10000	0	0	0.0
<b>Total</b>	<b>3,149</b>	<b>7,811</b>	<b>100</b>

**Source:** Ministry of Environment, Forest & Climate Change, Forest Survey of India (India State of Forest Report, 2015).

<http://fsi.nic.in/isfr-2015/isfr-2015-forest-and-tree-resources-in-states-and-union-territories.pdf>  
(Accessed on 17.06.2017)

**Table 10.12:** Grants-in-Aids for Forests by 13<sup>th</sup> Finance Commission

(in Rs. Crore)

Year	Grant-in-Aids
2010-11	11.94
2011-12	11.94
2012-13	23.88
2013-14	23.88
2014-15	23.88
2010-2015	95.52

**Source:** Indian Council Forestry Research Education (ICFRE), MoEF&CC, Govt. of India; State Forest Departments (Forestry Statistics India, 2011).

<http://www.icfre.org/UserFiles/File/Institute-ICFRE/2013/Stat/Forestry-stat-07Mar13.htm>  
(Accessed on 20.07.2017)

**Table 10.13:** Status of Rubber Production

Source of plantation	No. of Tapping block	Target during 2015-16 (in Mt.)	Production 2015-16 (in Mt.)
Corporation Plantation	2,977	2,725	2,241
Resettlement plantation	720	642	620
<b>Total</b>	<b>3,697</b>	<b>3,367</b>	<b>2,861</b>

**Source:** Forest Department, Tripura, Directorate of Economics & Statistics Planning (Statistics) Department, Govt. of Tripura, Agartala (Economic Review of Tripura, 2015-16).  
[http://ecostat.tripura.gov.in/economic\\_review\\_15\\_16.pdf](http://ecostat.tripura.gov.in/economic_review_15_16.pdf); (Accessed on 23.05.2017)

**Table 10.14:** Area of Rubber Plantation

Year of Planting	Area (in ha)
1976-77	574
1981-82	3,590
1986-87	10,085
1991-92	17,860
1996-97	23,936
2001-02	30,575
2006-07	35,760
2011-12	57,620
2012-13	61,231
2013-14	62,529
2014-15	70,295
2015-16	74,335

**Source:** Rubber Board, Tripura, Directorate of Economics & Statistics Planning (Statistics) Department, Govt. of Tripura, Agartala (Economic Review of Tripura, 2015-16).  
[http://ecostat.tripura.gov.in/economic\\_review\\_15\\_16.pdf](http://ecostat.tripura.gov.in/economic_review_15_16.pdf); (Accessed on 23.05.2017)

**Table 10.15:** Detail of National Parks and Wildlife Sanctuaries

Name of District	Name of NPs /Sanctuaries/ Conservation Reserve/RAMSAR sites	Year of Establishment	Area (km <sup>2</sup> )
<b>National Parks (2)</b>			
West Tripura	Clouded Leopard	2007	5.08
South Tripura	Bison (Rajbari)	2007	31.63
<b>Total Area</b>			<b>36.71</b>
<b>Wildlife Sanctuaries (3)</b>			
South Tripura	Gumti	1988	389.54
North Tripura	Rowa	1988	0.86
West Tripura	Sepahijala	1987	13.45
South Tripura	Trishna	1988	163.08
<b>Total Area</b>			<b>566.93</b>

**Source:** Wildlife Institute of India, MoEF&CC, Govt. of India

[http://wii.gov.in/images//images/documents/n\\_parks\\_nov\\_2015.pdf](http://wii.gov.in/images//images/documents/n_parks_nov_2015.pdf)

[http://wii.gov.in/images//images/documents/wls\\_nov\\_2015.pdf](http://wii.gov.in/images//images/documents/wls_nov_2015.pdf); (Accessed on 22.06.2016)