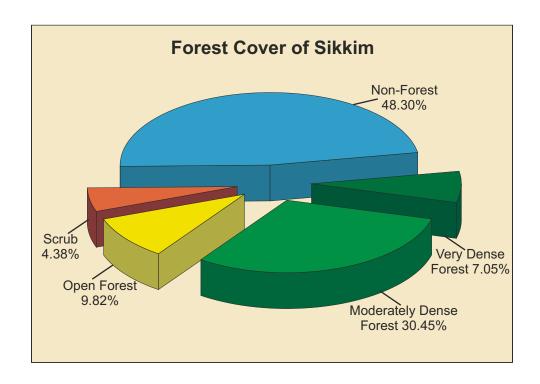
9.24 Sikkim

Geographical Area	7,096 sq km		
Population (as per Census 2011)	0.611 million		
Urban	0.154 million (25.20 %)		
Rural	0.457 million (74.80 %)		
Tribal	0.206 million (33.72 %)		
Average Population Density	86 per sq km		
Livestock population (as per 18th Live Stock Census)	0.270 million		
No. of Districts (as per Census 2001)	4		
No. of Hill Districts	4		
No. of Tribal Districts	4		

Forest Cover within Green Wash	
Very Dense Forest	341 sq km
Moderately Dense Forest	1,385 sq km
Open Forest	295 sq km
Sub Total	2,021 sq km
Forest Cover outside Green Wash	
Very Dense Forest	159 sq km
Moderately Dense Forest	776 sq km
Open Forest	402 sq km
Sub Total	1,337 sq km
Total Forest Cover	3,358 sq km
Tree Cover	31 sq km
Total Forest & Tree Cover	3,389 sq km
Per capita Forest & Tree Cover	0.555 ha
Of State's Geographical Area	47.46%
Of India's Forest & Tree Cover	0.43%



Growing Stock	
Growing Stock in Recorded Forest Area	23.84 million cum
Growing Stock in TOF	2.42 million cum
Growing Stock in Agroforestry	0.79 million cum
Growing Stock in Urban Area	0.002 million cum

Recorded Forest Area	
Reserved Forest	5,452 sq km
Protected Forest	389 sq km
Unclassed Forest	0 sq km
Total	5,841 sq km
Of State's Geographical Area	82.31 %
Of India's Forest Area	0.76 %

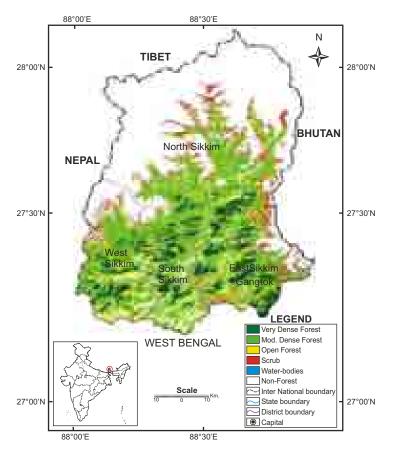


Fig 9.24 Forest Cover Map of Sikkim

Table 9.24a: District-wise Forest Cover of Sikkim

District-wise Forest Cover (Area in km²)							in km²)	
District	Geo-	2013 Assessment				Percent	Change	Scrub
	graphical	Very Dense Mod. Dense Open Total				of GA		
	Area	Forest	Forest	Forest				
East Sikkim [™]	954	162	411	126	699	73.27	0	67
North Sikkim [™]	4,226	135	890	291	1,316	31.14	-1	198
South Sikkim [™]	750	93	371	107	571	76.13	0	4
West Sikkim [™]	1,166	110	489	173	772	66.21	0	42
Grand Total	7,096	500	2,161	697	3,358	47.32	-1	311

Table 9.24b: Change Matrix of Sikkim

Forest Cover Change Matrix (Area in km²)								
2011 Assessment		Total						
	VDF	MDF	OF	Scrub	NF	2011		
Very Dense Forest	500	0	0	0	0	500		
Moderately Dense Forest	0	2,157	1	0	3	2,161		
Open Forest	0	2	695	0	1	698		
Scrub	0	0	0	311	52	363		
Non Forest	0	2	1	0	3,371	3,374		
Total 2013	500	2,161	697	311	3,427	7,096		
Net Change	0	0	-1	-52	53	0		

Table 9.24c: Altitude-wise Forest Cover of Sikkim

Altitude-wise Forest Cover (Area					
Altitude Zone	VDF	MDF	OF	Total	
0-500m	0	26	11	37	
500-1000m	5	160	92	257	
1000-2000m	186	639	266	1,091	
2000-3000m	295	684	107	1,086	
3000-4000m	14	611	151	776	
>4000m	0	41	70	111	
Total	500	2,161	697	3,358	

(Based on SRTM, Digital Elevation Model)

Reasons for change detected in 2013 assessment:

There is a slight decrease in forest cover due to earthquake induced landslides in Sikkim in 2011.