

1	Contact	
1.1	Contact Organisation	Forest Survey of India, Ministry of Environment, Forests and Climate Change
1.2	Compiling agency	FSI
1.3	Custodian agency	FSI
1.4	Contact Details	Director General, Forest Survey of India, Ph 0135-2756139, Email: dgfsi@fsi.nic.in
2	Data Description and Presentation	
2.1	Data description	Dataset: Forest Cover, Tree Cover, Mangrove Cover, Growing Stock, Carbon Stock
2.2	System of Classification	Remote sensing and Field Inventory
2.3	International/ National Standards Classification/Codes, if followed	-
2.4	Sector coverage	Environment & Forest
2.5	Concepts and definitions	<p>Forest Cover: All lands, more than or equal to one hectare in area, with a tree canopy of more than or equal to 10%, irrespective of ownership and legal status; and includes orchards, bamboo, and palm.</p> <p>Tree Cover: Tree cover comprises all tree patches outside the forest area, which are less than one hectare in extent including all the scattered trees found in the rural and urban settings, and not captured under the forest cover assessment.</p> <p>Mangrove Cover: Mangrove cover refers to the area of land occupied by mangrove forests, which are salt-tolerant plant communities found in tropical and subtropical intertidal regions.</p> <p>Growing Stock: The sum (by number or volume) of all the trees growing/living in the forest or a specified part of it.</p> <p>Carbon Stock: Carbon in all living and non-living biomass including Above Ground Biomass, Below Ground Biomass, Deadwood, Litter, and Soil carbon</p>
2.6	Unit of compilation	Forest Cover (Sq. km) Tree Cover (Sq. km) Mangrove Cover (Sq. km) Growing Stock (m. cum) Carbon Stock ('000' tones)
2.7	Population coverage	All India, State-wise
2.8	Reference Period	-
2.9	Duration and period of enumeration	2 years

2.10	Sample size/Dataset Size	1. FCM is wall to wall mapping. 2. Tree cover, Growing stock and carbon stock are based on NFI data for which approximate sample size at national level is 12,000 for forest inventory and 20,000 for TOF inventory.
2.11	Data Confidentiality	Generally, raw data is not shared. However, results are published in ISFR.
3	Institutional Mandate	
3.1	Legal acts and other agreements	-
3.2	Data sharing/Data Dissemination	India State of Forest Report Forest Cover Maps are provided on requests.
3.3	Release calendar	Every 2 years
3.4	Frequency of dissemination	Biennial
3.5	Data access	Data published in ISFR
4	Quality Management	
4.1	Documentation on methodology	PDF https://fsi.nic.in/forest-report-2023
4.2	Quality documentation	Results are published in ISFR. Fields methodology and steps are given in manuals of FCM and NFI.
4.3	Quality assurance	Both FCM and NFI work are supervised at different stages by senior officers.
5	Accuracy and Reliability	
5.1	Sampling error	Sampling error of estimates of Tree Cover, Growing Stock and Carbon Stock are 5% at national level.
5.2	Measures of reliability	Acceptable sampling error and high accuracy of FCM classification.
6	Timeliness	
6.1	Timeliness	2 years
7	Coherence and Comparability	
7.1	Comparability – over time	Data sets are comparable over time.
7.2	Coherence	Data is coherent.

8	Data Processing	
8.1	Source data type	Multiple Data Sources
8.2	Frequency of data collection	2 years
8.3	Mode and method of data collection	Data collection on prescribed fields forms/ PDA for national forest inventory and wall to wall mapping of FCM.
8.4	Data validation	Validation before publication
8.5	Data compilation	Remote sensing and Field Inventory
8.6	Data identifier(s)	-
9	Metadata Update	
9.1	Metadata last posted	December 21, 2024
9.2	Metadata last update	December 21, 2024