



## Forest Report 2019

- Forest Survey of India (FSI) is an organisation under the Ministry of Environment & Forests, Government of India. Its principal mandate is to conduct survey and assessment of forest resources in the country.
- Every two years, Forest Survey of India (FSI) undertakes assessment of country's forest resources, the results of which are presented as the 'India State of Forest Report (ISFR)'. Since 1987, 15 such assessments have been completed and the current assessment is the 16th in the series.
- The tree cover of the country is estimated as 95,027 sq km which is 2.89% of the geographical area or 0.12% more than last year.
- The Total forest cover of the country is 7,12,249 sq km which is 21.67% of the geographical area of the country.
- The total Forest and Tree cover of the country is 8,07,276 sq km which is 24.56% of the geographical area of the country.

### Largest forest covers in area

Madhya Pradesh (77,414 sq. km) > Arunachal Pradesh (66,964 sq. km) > Chhattisgarh (55,547 sq. km)

### Top 5 states having highest forest cover area-wise:

1. Madhya Pradesh
2. Arunachal Pradesh
3. Chhattisgarh
4. Odisha
5. Maharashtra

### Top 5 states having highest forest cover as a percentage of total geographical area:

1. Mizoram (85.41%)
2. Arunachal Pradesh (79.63%)
3. Meghalaya (76.33%)
4. Manipur (75.46%)
5. Nagaland (75.31%)

### The top three states showing an increase in forest cover are:

1. Karnataka (1,025 sq. km)
2. Andhra Pradesh (990 sq. km)
3. Kerala (823 sq. km)



**Top three states showing mangrove cover increase are:**

1. Gujarat (37 sq. km)
2. Maharashtra (16 sq. km)
3. Odisha (8 sq. km)

- Total forest cover in the North Eastern region is 1,70,541 sq km, which is 65.05% of its geographical area. The current assessment shows a decrease of forest cover to the extent of 765 sq km (0.45%) in the region. Except Assam and Tripura, all the States in the region show decrease in forest cover.
- Mangrove cover in the country has increased by 54 sq km (1.10%) as compared to the previous assessment.
- The total growing stock of wood in the country is estimated 5,915.76 million cum comprising 4,273.47 million cum inside forest areas and 1,642.29 million cum outside recorded forest areas (TOF).
- The average growing stock per hectare in forest has been estimated as 55.69 cum.
- Total bamboo bearing area of the country is estimated as 1,60,037 sq km. There is an increase of 3,229 sq km in bamboo bearing area as compared to the estimate of ISFR 2017.
- In the present assessment, total carbon stock in forest is estimated as 7,124.6 million tonnes.
- There is an increase of 42.6 million tonnes in the carbon stock of the country as compared to the last assessment of 2017.

**Forest Cover:**

The country's forest cover includes all patches of land with a tree canopy density of more than 10% and more than 1 ha in area, irrespective of land use, ownership and species of trees.

**Tree Cover:**

Tree cover includes all patches of trees less than 1 ha.

**Important Dates**

2 <sup>nd</sup> February	World Wetland Day
21 <sup>st</sup> March	World Forestry Day
22 <sup>nd</sup> March	World water day
22 <sup>nd</sup> April	Earth Day
5 <sup>th</sup> June	World Environment Day
16 <sup>th</sup> September	World Ozone Day
18 <sup>th</sup> September	World Bamboo day
5 <sup>th</sup> October	Wild life day
16 <sup>th</sup> October	World Food day