

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 1089
TO BE ANSWERED ON 22.11.2019

Forest Cover

1089. SHRIMATI APARAJITA SARANGI:
SHRI FEROZE VARUN GANDHI:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- the total percentage of forest cover and tree cover in the country, State/UT-wise during the last five years;
- whether the forest land has been cleared and diverted for non-forest purposes during the said period; and
- if so, the details thereof indicating the area of land in hectares cleared along with the reasons therefor?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI BABUL SUPRIYO)

- Forest Survey of India (FSI), Dehradun, an organization under the Ministry carries out assessment of forest cover of the country biennially and findings are published in India State of Forest Report (ISFR). As per the last three ISFR reports, the total forest cover and tree cover outside forest in the country is as follows:-

ISFR	Forest Cover in square kilometre and percentage of total geographical area	Tree cover outside forest in square kilometre and percentage of total geographical area
2017	7,08,273 (21.54%)	93,815 (2.85%)
2015	7,01,673 (21.34%)	92,572 (2.82%)
2013	6,97,898 (21.23%)	91,266 (2.78%)

State/UT wise detail of forest cover and tree cover are given in **Annexure I and II** respectively.

- Total forest area approved under Forest (Conservation) Act, 1980 for use of non-forestry purpose in the last five year is 69141.32 hectare. The purpose/category wise details are given in **Annexure III**. In the last four years compensatory Afforestation has been taken-up in 31161.43 hectare of non-forest land and 72097.69 hectare of degraded forest land.

Annexure I

**Annexure referred to in reply to part (a) of the Lok Sabha Unstarred Question No. 1089
due for answer on 22.11.2019 regarding 'Forest Cover'**

Total Forest Cover in States/UTs as per India State of Forest Report (ISFR)

(Area in square kilometre)

States/UTs	Geographical Area	Total Forest Cover 2013	Total Forest Cover 2015	Total Forest Cover 2017
Andhra Pradesh	1,60,204	24,357	24,424	28,147
Arunachal Pradesh	83,743	67321	67,248	66,964
Assam	78,438	27671	27,623	28,105
Bihar	94,163	7291	7,288	7,299
Chhattisgarh	1,35,191	55621	55,586	55,547
Delhi	1,483	180	189	192.41
Goa	3,702	2219	2,224	2,229
Gujarat	1,96,022	14653	14,660	14,757
Haryana	44,212	1586	1,584	1,588
Himachal Pradesh	55,673	14683	14,696	15,100
Jammu & Kashmir	2,22,236	22538	22,988	23,241
Jharkhand	79,714	23473	23,478	23,553
Karnataka	1,91,791	36132	36,421	37,550
Kerala	38,863	17922	19,239	20,321
Madhya Pradesh	3,08,245	77522	77,462	77,414
Maharashtra	3,07,713	50632	50,628	50,682
Manipur	22,327	16990	16,994	17,346
Meghalaya	22,429	17288	17,217	17,146
Mizoram	21,081	19054	18,748	18,186
Nagaland	16,579	13044	12,966	12,489
Odisha	1,55,707	50347	50,354	51,345
Punjab	50,362	1772	1,771	1837
Rajasthan	3,42,239	16086	16,171	16,572
Sikkim	7,096	3358	3,357	3,344
Tamil Nadu	1,30,058	23844	26,345	26,281
Telangana	114,865	21759	21,591	20,419
Tripura	10,486	7866	7,811	7,726
Uttar Pradesh	2,40,928	14349	14,461	14,679
Uttarakhand	53,483	24508	24,240	24,295
West Bengal	88,752	16805	16,828	16,847
A&N Islands	8,249	6711	6,751	6,742
Chandigarh	114	17.26	22,.03	21.56
Dadra & Nagar Haveli	491	213	206	207
Daman & Diu	112	9	19.61	20.49
Lakshadweep	32	27.06	27.06	27.10
Puducherry	480	50.06	55.38	53.67
Grand Total	32,87,263	697898	701,673	7,08,273

Annexure II

Annexure referred to in reply to part (a) of the Lok Sabha Unstarred Question No. 1089 due for answer on 22.11.2019 regarding 'Forest Cover'

Total Tree Cover State/ UTs as per India State of Forest Report

(Area in square kilometre)

States/UTs	Geographical Area	Total Tree Cover 2013	Total Tree Cover 2015	Total Tree Cover 2017
Andhra Pradesh	275069	7187	3965	3,753
Arunachal Pradesh	83743	660	761	807
Assam	78438	1582	1,613	1,496
Bihar	94163	2164	2,182	2,263
Chhattisgarh	135191	3463	3,629	3,833
Delhi	1483	118	111	113
Goa	3702	334	325	323
Gujarat	196022	8358	7,914	8,024
Haryana	44212	1282	1,355	1,415
Himachal Pradesh	55673	697	757	822
Jammu & Kashmir	222236	7664	8,354	7,815
Jharkhand	79714	2629	2,783	2,922
Karnataka	191791	5920	5,552	5,713
Kerala	38863	3146	2,951	2,959
Madhya Pradesh	308245	7087	7,773	8,073
Maharashtra	307713	9142	9,558	9,831
Manipur	22327	224	243	220
Meghalaya	22429	668	710	657
Mizoram	21081	223	535	467
Nagaland	16579	372	381	379
Odisha	155707	4013	3,986	3,993
Punjab	50362	1499	1,544	1,622
Rajasthan	342239	7860	8,269	8,266
Sikkim	7096	31	35	35
Tamil Nadu	130058	4866	4,505	4,671
Telangana	114865	-	2,549	2,669
Tripura	10486	213	233	215
Uttar Pradesh	240928	6895	7,044	7,442
Uttarakhand	53483	703	752	767
West Bengal	88752	2144	2,088	2,136
Andaman & Nicobar	8249	41	37	35
Chandigarh	114	10	9	10
Dadra & Nagar Haveli	491	29	28	30
Daman & Diu	112	9	10	10
Lakshadweep	32	5	4	2
Puducherry	480	29	27	27
Grand Total	3287263	91,266	92,572	93,815

Annexure III

**Annexure referred to in reply to part (c) of the Lok Sabha Unstarred Question No. 1089
due for answer on 22.11.2019 regarding 'Forest Cover'**

**Statement showing total area diverted (Category-wise) for Forest Land under FC Act, 1980
during the period 01.04.2014 to 31.03.2019.**

S. NO.	CATEGORY	Approved	
		No. of Cases	Total Land Diverted (hectare)
1	Approach Access	99	3.04
2	Borehole Prospecting	4	0.00
3	Canal	1	0.002
4	Defence	13	5085.71
5	Dispensary/Hospital	10	83.61
6	Disputed Settlement Claims	0	0.00
7	Drinking Water	56	134.25
8	Encroachments	0	0.00
9	Forest Village Conversion	16	2180.94
10	Hydel	30	476.24
11	Industry	75	286.89
12	Irrigation	121	16450.71
13	Mining	141	21057.08
14	Optical Fibre Cable	28	14.41
15	Others	1441	3485.87
16	Quarrying	9	29.44
17	Railway	68	2088.02
18	Rehabilitation	3	542.59
19	Road	1074	8733.81
20	School	28	23.80
21	Thermal	10	2558.46
22	Transmission Line	352	5521.45
23	Village Electricity	27	38.47
24	Wind Power	10	346.54
	Total	3616	69141.32