

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 3077**  
TO BE ANSWERED ON 27.03.2025

**Forest fire incidents**

3077. DR. AJEET MADHAVRAO GOPCHADE:

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

- (a) measures taken by the Ministry to reduce forest fire incidents, and whether any scientific research has been conducted on this issue, if so, the details thereof;
- (b) the number of fire incidents recorded in the forest areas of Maharashtra over the last five years; and
- (c) the actions taken by the Central Government in collaboration with State Government of Maharashtra and other stakeholders to control forest fires in last five year, State-wise & Year-wise?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(SHRI KIRTI VARDHAN SINGH)

(a) The Ministry has put in place a National Action Plan on Forest Fire-2018, which provides comprehensive measures to prevent forest fires and to improve the resilience of the forests against fire hazards. The State Governments/UT Administrations also prepare State Action Plans, in tandem with the National Action Plan to undertake State/UT-specific measures towards forest fire prevention and management.

To prevent forest fires, the Ministry through the Forest Survey of India (FSI), Dehradun provides Pre-Fire Alerts (one-week advance), Large Forest Fire Alerts and Near Real Time Forest Fire Alerts to the registered subscribers and State Forest department officials to deal forest fires.

The Ministry in coordination with the National Disaster Management Authority (NDMA) and the National Disaster Response Force (NDRF) have trained three teams consisting of 150 personnel to tackle Large Forest Fires. These teams are deployed as per the requirements to control forest fires.

(b) The Forest fire incidences in the country are detected by the Forest Survey of India (FSI), Dehradun, using Moderate Resolution Imaging Spectro-radiometer (MODIS) & Suomi National Polar-orbiting Partnership Visible Infrared Imaging Radiometer Suite (SNPP-VIIRS) satellite-mounted sensors. As per the data received from the FSI, Dehradun, the

number of forest fire incidences detected in the State of Maharashtra using SNPP-VIIRS sensor during the last five forest fire seasons i.e. November to June are as under:

Forest fire season	2019-20	2020-21	2021-22	2022-23	2023-24
Number of forest fire detected	14,018	34,025	22,052	16,119	16,008

(c) In the last five years, the Central Government, in collaboration with the Forest Survey of India and State Governments including the Government of Maharashtra and other stakeholders, has taken multiple steps to control forest fires. These actions include providing financial assistance through the Centrally Sponsored Forest Fire Prevention and Management Scheme and CAMPA (Compensatory Afforestation Fund Management and Planning Authority) funds to strengthen fire prevention measures, improve response mechanisms, and mitigate the adverse effects of fires on biodiversity and local communities; forest fire detections through FSI and; conducting National and Regional Workshops on forest fire prevention and management for awareness of stakeholders.

The details of the funds released by the Ministry under the Centrally Sponsored Scheme for Forest Fire Prevention and Management, as well as the funds approved by the National Authority (CAMPA) under the Annual Plan of Operation for forest fire prevention and control activities, are given in the **Annexure-I** and **II** respectively. The details of the State-wise number of forest fire detections through FSI, using SNPP-VIIRS sensor during the last five forest fire seasons (November 2019 to June 2024) are given in **Annexure -III**.

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**ANNEXURE REFERRED TO IN THE REPLY TO PART (c) OF THE RAJYA SABHA UNSTARRED QUESTION NO. 3077 DUE FOR ANSWER ON 27.03.2025 REGARDING FOREST FIRE INCIDENTS ASKED BY DR. AJEET MADHAVRAO GOPCHADE:**

The details of the funds released by the Ministry under the Centrally Sponsored Scheme: Forest Fire Prevention and Management during the last five financial years:

(Amount in Lakh)

Sl. No.	States/UTs	2019-20	2020-21	2021-22	2022-23	2023-24
1	Andhra Pradesh	216.13	0.00	0.00	0.00	85.37
2	Bihar	208.16	233.94	0.00	39.62	142.85
3	Chhattisgarh	392.07	0.00	140.55	0.00	81.90
4	Gujarat	183.92	185.60	99.80	0.00	70.79
5	Goa	0.00	0.00	57.30	0.00	18.05
6	Haryana	49.26	0.00	0.00	0.00	17.52
7	Himachal Pradesh	199.99	203.29	116.17	113.29	180.80
8	Jharkhand	222.02	153.46	136.15	1.69	47.84
9	Karnataka	136.75	219.40	157.33	87.38	52.85
10	Kerala	256.80	0.00	362.88	444.31	354.03
11	Madhya Pradesh	327.29	269.88	0.00	635.48	775.02
<b>12</b>	<b>Maharashtra</b>	<b>428.07</b>	<b>455.18</b>	<b>0.00</b>	<b>395.99</b>	<b>147.06</b>
13	Odisha	463.84	400.55	839.83	338.80	147.18
14	Punjab	13.56	0.00	0.00	0.00	36.79
15	Rajasthan	0.00	97.15	127.21	33.47	50.73
16	Tamil Nadu	154.82	0.00	238.90	0.00	289.41
17	Telangana	0.00	166.96	0.00	0.00	152.60
18	Uttar Pradesh	97.63	146.96	111.79	0.00	44.01
19	Uttarakhand	480.03	0.00	354.36	133.93	337.98
20	West Bengal	95.61	78.83	132.73	0.00	0.00
21	Assam	0.00	0.00	0.00	0.00	0.00
22	Arunachal Pradesh	0.00	0.00	89.77	198.12	198.12
23	Manipur	55.34	316.61	86.53	106.61	106.61
24	Meghalaya	73.94	73.31	0.00	38.17	46.72
25	Mizoram	108.12	112.46	87.19	30.87	48.14
26	Nagaland	79.95	87.80	64.52	28.82	288.37
27	Sikkim	293.77	0.00	89.73	47.91	144.62
28	Tripura	103.43	45.62	82.26	47.48	47.64
29	Andaman & Nicobar Islands	0.00	0.00	0.00	60.00	0.00
30	Chandigarh	0.00	0.00	50.72	0.00	4.97
31	D&N Haveli	0.00	0.00	0.00	0.00	0.00
32	Daman & Diu	0.00	0.00	0.00	0.00	0.00
33	Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00
34	Lakshadweep	0.00	0.00	0.00	0.00	0.00
35	Delhi	0.00	0.00	0.00	0.00	0.00
36	Puducherry	0.00	0.00	0.00	43.40	0.00

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The details of the funds approved by the National Authority (CAMPA) under the Annual Plan of Operation for forest fire prevention and control activities during the last five financial years:

(Amount in Crore)

Sl. No.	States/UTs	2019-20	2020-21	2021-22	2022-23	2023-24
1.	Andaman & Nicobar Islands	Nil	Nil	Nil	Nil	Nil
2.	Arunachal Pradesh	0.00	1.48	0.24	0.66	0.32
3.	Andhra Pradesh	8.52	8.53	8.80	11.03	2.61
4.	Assam	Nil	Nil	Nil	Nil	Nil
5.	Bihar	Nil	Nil	Nil	Nil	Nil
6.	Chandigarh	Nil	Nil	Nil	Nil	Nil
7.	Chhattisgarh	16.20	25.50	25.30	14.28	15.75
8.	Delhi	Nil	Nil	Nil	Nil	Nil
9.	Goa	0.59	1.11	0.20	1.45	1.79
10.	Gujarat	2.85	0.04	Nil	Nil	Nil
11.	Haryana	Nil	Nil	Nil	Nil	Nil
12.	Himachal Pradesh	2.16	4.44	3.00	7.0	8.94
13.	Jammu & Kashmir	2.16	2.36	3.41	3.21	5.98
14.	Jharkhand	0.03	0.03	1.49	Nil	Nil
15.	Karnataka	2.00	5.00	5.00	10.00	13.00
16.	Kerala	Nil	2.82	4.91	4.23	1.50
17.	Madhya Pradesh	Nil	14.70	22.04	25.00	25.00
<b>18.</b>	<b>Maharashtra</b>	<b>5.00</b>	<b>3.71</b>	<b>6.99</b>	<b>15.16</b>	<b>27.03</b>
19.	Manipur	0.87	0.56	1.07	0.77	0.82
20.	Meghalaya	Nil	1.29	0.20	0.00	1.44
21.	Mizoram	Nil	0.80	1.85	1.20	2.00
22.	Ladakh	Nil	Nil	Nil	Nil	10.76
23.	Odisha	22.78	21.94	23.77	39.20	8.62
24.	Punjab	0.00	3.49	1.84	3.66	4.94
25.	Rajasthan	0.00	1.86	0.31	0.41	0.78
26.	Sikkim	0.82	0.26	0.45	Nil	Nil
27.	Tamil Nadu	Nil	4.56	Nil	Nil	Nil
28.	Telangana	12.00	Nil	10.83	17.76	0.75
29.	Tripura	Nil	0.32	Nil	Nil	Nil
30.	Uttar Pradesh	0.76	2.64	1.45	Nil	Nil
31.	Uttarakhand	13.30	9.80	8.80	5.00	8.96
32.	West Bengal	Nil	4.00	2.74	2.27	1.50

**ANNEXURE REFERRED TO IN THE REPLY TO PART (c) OF THE RAJYA SABHA UNSTARRED QUESTION NO. 3077 DUE FOR ANSWER ON 27.03.2025 REGARDING FOREST FIRE INCIDENTSASKED BY DR. AJEET MADHAVRAO GOPCHADE:**

State/UT-wise number of forest fires detected by Forest Survey of India using SNPP-VIIRS sensors during last five forest fire seasons (this includes large, continuous and repeated forest fires).

Sl. No	State/UTs	SNPP-VIIRS Detections in the forest fire season (November to June)				
		2019-20	2020-21	2021-22	2022-23	2023-24
1	Andhra Pradesh	9,996	19,328	14,138	19,367	18,174
2	Arunachal Pradesh	1,786	3,914	3,449	2,447	2,053
3	Assam	8,924	10,718	8,158	9,830	7,639
4	Bihar	614	5,179	3,024	3,793	2,763
5	Chhattisgarh	6,360	38,106	25,792	20,306	18,950
6	Delhi	21	14	3	7	16
7	Goa	47	45	20	147	36
8	Gujarat	2,770	3,803	2,769	2,342	3,182
9	Haryana	68	152	135	82	166
10	Himachal Pradesh	536	4,110	5,280	704	10,136
11	Jharkhand	2,613	21,713	9,419	11,923	7,525
12	Karnataka	4,232	5,784	4,973	13,074	5,500
13	Kerala	864	296	504	1,550	1,110
14	Madhya Pradesh	9,537	47,795	32,728	17,142	15,878
15	Maharashtra	14,018	34,025	22,052	16,119	16,008
16	Manipur	8,800	10,457	5,544	10,127	4,498
17	Meghalaya	6,762	7,658	6,322	6,604	4,319
18	Mizoram	7,361	12,846	8,734	5,798	6,627
19	Nagaland	2,905	4,975	3,471	3,882	2,609
20	Odisha	10,602	51,968	22,014	33,461	20,973
21	Punjab	153	635	428	119	605
22	Rajasthan	3,461	3,402	2,703	2,059	4,352
23	Sikkim	47	63	26	49	101
24	Tamil Nadu	1,368	1,220	1,035	1,998	3,380
25	Telangana	12,132	18,237	13,737	13,117	13,479
26	Tripura	4,369	5,015	2,609	4,332	2,089
27	Uttar Pradesh	1,548	8,608	5,428	3,235	4,424
28	Uttarakhand	759	21,487	12,985	5,351	21,033
29	West Bengal	1,320	3,287	1,520	3,096	2,020
30	Andaman & Nicobar Islands	39	16	33	20	21
31	Chandigarh	2	0	0	1	1
32	Dadra & Nagar Haveli and Daman & Diu	21	34	18	16	16
33	Jammu & Kashmir	438	1,098	4,282	131	3,829
34	Ladakh				20	32
35	Lakshadweep	0	0	0	0	0
36	Puducherry	0	1	0	0	0
Total		<b>1,24,473</b>	<b>3,45,989</b>	<b>2,23,333</b>	<b>2,12,249</b>	<b>2,03,544</b>