

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION No. 619
TO BE ANSWERED ON 20.07.2018

Forest Fires

619. SHRI KAMAL NATH:
SHRI JYOTIRADITYA M. SCINDIA:
DR. P.K. BIJU:

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

- (a) whether the forest fires in the recent past few months have destroyed a large area of forest land including properties across the country;
- (b) if so, the details of forest fires reported during the last three years and the steps taken by the concerned State Governments/forest departments to douse the fires;
- (c) whether according to a Forest Survey of India report, around fifty percent of forest areas in the country are vulnerable to fire and if so, the details thereof including the major findings of the report;
- (d) whether the Union Government have provided any financial or technical support to the State Governments to douse the fires; and
- (e) if so, the details thereof and the steps taken by the Union Government to check such forest fires across the country in the future?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(DR. MAHESH SHARMA)

- (a) & (b) Forest Fire occurs every year during summer due to various natural and anthropogenic reasons including accumulation of inflammable materials such as dry leaves, twigs, pine needles etc. Forest Survey of India (FSI), Dehradun, disseminates the satellite based forest fire alerts to the State Forest Departments and other registered users whenever forest fires are detected. The details of forest fire alerts issued to all State/ Union Territory Forest Departments during the last three years is given in Annexure-I.
- (c) Yes. Forest Survey of India (FSI), Dehradun conducts regular inventory of trees in forests and outside forests in the country under its National Forest Inventory Programme by selecting 60 Districts randomly in different physiographic zones on a cycle of two years. On the basis of data collected from these 60 Districts and data of preceding 2 cycles, information on incidence of fire is also recorded as one of the parameters and estimates are generated.

The incidence of fire is observed occularly in a circular area of 2 hectare around the plot center and classified as 'heavy' if more than 50 percent of the area/crop is affected by fire; 'moderate' if 10-15 percent of the area is affected by fire; 'mild' if

the area affected is less than 10 percent. According to the India State of Forest Report (ISFR) 2013, published by the Forest Survey of India, Dehradun, area under forest fire under different fire class is as given follows:

Incidence of Fire Class	Percent of Recorded Forest Area
Heavy	1.33
Moderate	6.48
Mild	46.10

- (d) & (e) The Ministry has provided financial assistance to State/ UT Governments for prevention and management of forest fire under the Centrally Sponsored Forest Fire Prevention and Management (FPM) Scheme. The details of fund released to State/ UT Governments for various forest protection measures including forest fire prevention and management under the erstwhile Intensification of Forest Management Scheme (IFMS) and the ongoing Forest Fire Prevention and Management (FPM) during the last three years is given in Annexure-II. Further, the Ministry has formulated National Action Plan on Forest Fire and circulated to all State/UT Governments for taking appropriate action for effective prevention and management of forest fire.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (B) OF THE LOK SABHA UNSTARRED QUESTION No. 619 DUE FOR 20.07.2018 REGARDING FOREST FIRES ASKED BY SHRI KAMAL NATH, SHRI JYOTIRADITYA M. SCINDIA AND DR. P.K. BIJU

S. No.	States/UTs	2015	2016	2017
1	Andaman & Nicobar Islands	1	24	8
2	Andhra Pradesh	1,075	1,699	1877
3	Arunachal Pradesh	358	293	733
4	Assam	1,656	1,766	1877
5	Bihar	45	321	272
6	Chandigarh	0	-	1
7	Chhattisgarh	1,272	2,808	4373
8	Dadra & Nagar Haveli	0	0	0
9	Daman & Diu	0	0	0
10	Delhi	0	2	5
11	Goa	0	10	32
12	Gujarat	117	262	574
13	Haryana	6	43	185
14	Himachal Pradesh	22	199	170
15	Jammu & Kashmir	13	217	113
16	Jharkhand	457	740	1133
17	Karnataka	295	831	1333
18	Kerala	91	165	456
19	Lakshadweep	0	0	0
20	Madhya Pradesh	294	2,675	4781
21	Maharashtra	721	1,874	3487
22	Manipur	1,286	1,105	1094
23	Meghalaya	1,373	966	1454
24	Mizoram	2,468	1,318	1587
25	Nagaland	722	678	930
26	Odisha	1,467	2,763	4416
27	Puducherry	0	0	9
28	Punjab	7	45	320
29	Rajasthan	90	66	260
30	Sikkim	3	0	8
31	Tamil Nadu	95	113	301
32	Telangana *	1,052	1,154	1748
33	Tripura	476	346	431
34	Uttar Pradesh	130	691	1170
35	Uttarakhand	207	1,501	376
36	West Bengal	138	142	364
	Grand Total	15,937	24,817	35,888

ANNEXURE-II

ANNEXURE REFERRED TO In REPLY TO PART (d) & (E) OF THE LOK SABHA UNSTARRED QUESTION No. 619 DUE FOR 20.07.2018 REGARDING FOREST FIRES ASKED BY SHRI KAMAL NATH, SHRI JYOTIRADITYA M. SCINDIA AND DR. P.K. BIJU

(Rs. In Lakhs)

S. No.	States	2015-16 (Amount Released)	2016-17 (Amount Released)	2017-18 (Amount Released)
Other States				
1	Andhra Pradesh	0.00	0.00	0.00
2	Bihar	59.09	88.59	75.00
3	Chhattisgarh	120.75	211.04	168.00
4	Gujarat	179.99	122.26	75.00
5	Goa	0.00	0.00	0.00
6	Haryana	77.86	93.91	75.00
7	Himachal Pradesh	302.16	331.36	276.70
8	Jammu & Kashmir	193.93	95.61	75.00
9	Jharkhand	83.62	199.63	105.00
10	Karnataka	228.19	203.27	105.00
11	Kerala	86.00	163.65	234.53
12	Madhya Pradesh	420.00	281.15	168.00
13	Maharashtra	447.32	372.58	321.58
14	Orissa	136.00	266.14	168.00
15	Punjab	77.00	0.00	75.00
16	Rajasthan	112.54	174.22	105.00
17	Tamil Nadu	203.02	74.29	105.00
18	Telangana	0.00	0.00	105.00
19	Uttar Pradesh	156.15	139.72	75.00
20	Uttarakhand	356.83	304.03	168.00
21	West Bengal	0.00	92.83	75.00
	Total	3240.45	3214.28	2554.81
NE & Sikkim				
1	Assam	0	0	0
2	Arunachal Pradesh	85.07	181.34	102.00
3	Manipur	240.76	125.02	110.00
4	Meghalaya	180.26	126.57	219.88
5	Mizoram	153.17	131.29	90.59
6	Nagaland	122.6	170.01	92.56
7	Sikkim	150	119.73	148.59
8	Tripura	147.19	190.76	66.00
	Total	1079.05	1044.72	824.25
Union Territories				
1	A & N Islands	28.00	56.23	9.00
2	Chandigarh	36.99890	74.52	8.00
3	D&N Haveli	0.00	0.00	0.00
4	Daman & Diu	0.00	0.00	0.00
5	Lakshadweep	0.00	0.00	0.00
6	New Delhi	0.00	50.00	30.00
7	Pondicherry	0.00	0.00	30.00
	Total	64.99890	180.75	77.00
	Grand Total	4384.49890	4439.75	3456.06

