

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION NO. 463
TO BE ANSWERED ON WEDNESDAY, 1ST DECEMBER, 2021**

LIGHTNING INCIDENTS

463. SHRI JASWANT SINGH BHABHOR:
SHRIMATI RATHVAGITABEN VAJESINGBHAI:
SHRI RANJEETSINGH HINDURAONAIK NIMBALKAR:
SHRI BALAK NATH:
SHRI SUMEDHANAND SARASWATI:
SHRI S. JAGATHRAKSHAKAN:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) the names of the States in which the incidents of lightning strikes have occurred in the current year and the last three years;
- (b) the number of people who died due to lightning strikes, State-wise;
- (c) the details of the assistance provided by the Government to the families of those killed by lightning strikes; and
- (d) whether there has been an increase in the incidents of lightning strikes in the country including Tribal areas of Gujarat due to deforestation and if so, the concrete steps being taken by the Government to stop illegal cutting of forests to reduce the incidents of lightening?

**ANSWER
THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR
MINISTRY OF SCIENCE AND TECHNOLOGY
AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

- (a)-(b) The State-wise details of lightning strikes and the number of people who have lost their lives are provided in the Annexure-1.
- (c) Ministry of Earth Sciences, through India Meteorological Department (IMD), issues forecast and warnings for thunderstorms and associated weather phenomena five days in advance with regular updates. The assistance to the affected families is coming under the purview of the respective State Governments.
- (d) Yes Sir. As per recent studies, lightning activity have shown increasing trend over India in past two decades. North-East, East and parts of peninsular India have registered a sharp increase of lighting over the past 2 decades. The increase is minimal over Central India and moderate over rest of the country. The information pertain to the illegal cutting of forests is not available with the ministry.

				Annexure-I
State UT-wise Number of Accidental Deaths due to Lightning during 2018-2020				
SNo	State/UT	2018	2019	2020
1	Andhra Pradesh	74	109	93
2	Arunachal Pradesh	0	0	0
3	Assam	36	28	14
4	Bihar	177	400	436
5	Chhattisgarh	213	212	246
6	Goa	0	2	0
7	Gujarat	13	64	78
8	Haryana	6	11	3
9	Himachal Pradesh	8	1	5
10	Jharkhand	235	334	336
11	Karnataka	126	99	75
12	Kerala	25	15	8
13	Madhya Pradesh	381	400	429
14	Maharashtra	149	189	182
15	Manipur	1	0	0
16	Meghalaya	5	7	8
17	Mizoram	1	1	0
18	Nagaland	0	0	1
19	Odisha	299	271	275
20	Punjab	4	7	8
21	Rajasthan	43	88	48
22	Sikkim	0	0	0
23	Tamil Nadu	82	57	64
24	Telangana	68	96	64
25	Tripura	10	10	5
26	Uttar Pradesh	220	321	304
27	Uttarakhand	2	2	10
28	West Bengal	179	147	170
	TOTAL STATE(S)	2357	2871	2862

29	A & N Islands	0	1	0
30	Chandigarh	0	2	0
31	D&N Haveli and Daman&Diu@ +	0	1	0
32	Delhi UT	0	0	0
33	Jammu & Kashmir @ *	0	1	0
34	Ladakh @			0
35	Lakshadweep	0	0	0
36	Puducherry	0	0	0
	TOTAL UT(S)	0	5	0
	TOTAL (ALL INDIA)	2357	2876	2862
As per data provided by states/UTs				
'+' Combined data of erstwhile D & N HAVELI AND DAMAN & DIU UT during 2016-2019				
**' Data of erstwhile JAMMU & KASHMIR State Including LADAKH during 2016-2019				
'@' Data of newly created Union territory				

The above data is provided by the National Crime Records Bureau (NCRB).
