

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
RAJYA SABHA
UNSTARRED QUESTION NO. 2477
ANSWERED ON 20.12.2021

PEOPLE DISPLACED DUE TO RAINFALL/FLOOD

2477 SHRI SANJAY RAUT

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether it is a fact that millions of people were displaced, and hundreds were killed due to extreme rainfall/flooding in several parts of the country during the last three months;
- (b) if so, the details thereof; and
- (c) the details of steps taken or proposed to be taken by Government to avoid such damages and protect the livelihood in the future?

ANSWER

MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) & (b) Ministry of Home Affairs has informed that as per information furnished/ reported by States/UTs the details of the human lives lost due to hydro-meteorological calamities during 2021-22 are as given at **Annexure-I**.

(c) Flood management comes under the purview of the States, the schemes for flood control and erosion control are formulated and implemented by concerned States as per their priority. The Union Government supplements the efforts of the States by providing technical guidance and promotional financial assistance for management of floods in critical areas. To strengthen the structural measures of flood management, during XI & XII Plan, Ministry has launched Flood Management Programme (FMP) for providing Central Assistance to States for works related to flood management, flood control, anti-erosion, drainage development, anti-sea erosion, etc. which subsequently continued as a component of "Flood Management and Border Areas Programme" (FMBAP) for the period from 2017-18 and extended up to December, 2021. So far Central Assistance amounting to Rs.6447.76 Crores has been released to Union Territories/State Government under this Programme. The 415 projects completed under this Programme has given protection to an area of around 4.994 mha and protected a population of about 52.21 million.

For Non structural measures, Central Water Commission (CWC) is the nodal Organisation entrusted with the task of flood forecasting & early flood warnings in the country. Presently, CWC issues flood forecasts for 331 forecasting stations (199 river level forecast stations & 132 dam/ barrage inflow forecast stations). These stations cover 20 major river basins in 23 States & 2 Union Territories. The number of forecast stations has increased from 175 in the year 2014 to 331 in the year 2021. In order to provide more lead time to the local authorities to plan evacuation of people & remedial measures, Central Water Commission (CWC) has developed basin wise deterministic flood forecasting model based on rainfall runoff mathematical modelling for 5 days advance flood forecast advisory at identified flood forecasting and inflow forecasting stations along rivers of India.

ANNEXURE REFERRED TO IN REPLY TO PART (a) UNSTARRED QUESTION NO. 2477 TO BE ANSWERED IN RAJYA SABHA ON 20.12.2021 REGARDING “PEOPLE DISPLACED DUE TO RAINFALL/FLOOD”**State-wise details of human live lost due to cyclonic storms/ heavy rains/ floods/ landslides etc. during 2021-22**

(Provisional) (As on 25.11.2021)

Sl. No.	State	Human Lives Lost (No.)
1.	Andhra Pradesh	40
2.	Arunachal Pradesh	6
3.	Assam	26
4.	Bihar	53
5.	Chhattisgarh	16
6.	Goa	3
7.	Gujarat	162
8.	Haryana	4
9.	Himachal Pradesh	298
10.	Karnataka	144
11.	Kerala	138
12.	Madhya Pradesh	127
13.	Maharashtra	489
14.	Meghalaya	2
15.	Nagaland	2
16.	Odisha	19
17.	Punjab	18
18.	Rajasthan	51
19.	Sikkim	9
20.	Tamil Nadu	54
21.	Tripura	6
22.	Uttar Pradesh	162
23.	Uttarakhand	107
24.	West Bengal	65
25.	UT of Daman & Diu	1
	Total	2002
