

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA
REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 1413

ANSWERED ON 10.02.2022

LOSSES DUE TO FLOODS

1413. SHRI PARTHIBAN S.R.

Will the Minister of **JAL SHAKTI** be pleased to state:

(a) the details of loss of life, livelihood and displacement of people due to heavy rainfall/flooding in several parts of the country especially in Tamil Nadu during the last two years; and

(b) the details of steps taken or being taken by the Government to prevent such loss and protect the livelihoods in future?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) The data on damages due to heavy rain and floods is compiled by Central Water Commission (CWC) after receipt of confirmation from respective States. The statement showing damage due to floods/heavy rains during the last two years (2018-19) in the country and in the State of Tamil Nadu is at **Annexure – I**.

(b): Flood management including erosion control falls within the purview of the States. Flood management and anti-erosion schemes are formulated and implemented by concerned State Governments 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.

As a non-structural measure of flood management, CWC issues flood forecasts to State Governments at identified locations. CWC also issues inflow forecasts to identified reservoirs for proper reservoir regulation.

Presently, CWC flood forecasting network has been expanded to 331 Flood Forecast Stations (199 Level Forecast for Villages/Town on the bank of the rivers and 132 Inflow Forecast Stations for Dams and Barrages) covering 23 States & 2 UTs in 20 river basins for taking proper mitigation measures by respective State Governments. 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 flood forecasting model based on rainfall-runoff mathematical modelling for 5 days advance flood forecast advisory at identified flood forecasting and inflow forecasting stations. In the State of Tamil Nadu, CWC operates 4 flood level forecasting sites and 11 Inflow forecasting sites.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 1413 TO BE ANSWERED IN LOK SABHA ON 10.02.2022 REGARDING “LOSSES DUE TO FLOODS”.

Statement showing flood damage during the year 2018 & 2019 in the entire country

Year	Area Affected	Population affected	Damage to Crops	Damage to Houses	Cattle lost	Human lives lost	Total damages crops, houses & public utilities
	(m.ha.)	(million)	Area (m.ha.)	Nos.	nos.	nos.	Rs.Crore
1	2	3	4	5	6	7	8
2018	7.718	37.398	2.515	913414	60279	1839	21849.972
2019	11.604	46.350	10.688	656595.000	25852.000	2754.000	15863.526

Statement showing flood damage during the year 2018 & 2019 in the State of Tamil Nadu*

Year	Area Affected	Population affected	Damage to Crops	Damage to Houses	Cattle lost	Human lives lost	Total damages crops, houses & public utilities
	(m.ha.)	(million)	Area (m.ha.)	Nos.	nos.	nos.	Rs.Crore
1	2	3	4	5	6	7	8
2018	0.191	0.560	0.191	220000	1040	52	3500.000
2019	0.000	0.000	0.000	2814	230	10	1.209

*Flood damages for the year 2020 has not been reported by State Government of Tamil Nadu