

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO.1699

ANSWERED ON 01.08.2024

FLOOD MANAGEMENT

1699. SHRI ANURAG SINGH THAKUR SHRI KHAGEN MURMU
 SHRI DILIP SAIKIA SMT. KAMALJEET SEHRAWAT
 SHRI JAGDAMBIKA PAL

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

- (a) the details of the steps taken by the Government to tackle the flood situation in the country since 2019;
- (b) the details of status and role of North East Water Management Authority to tackle flood in North East of India;
- (c) whether there is any improvement in flood situation in the country through steps taken in direction of flood management by the Government and if so, the details thereof; and
- (d) whether the Government has some new effective plans in pipeline to tackle flood situations in the country especially in the State of Uttar Pradesh and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY)

(a) 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 also promotional financial assistance for management of floods in critical areas.

The details of the steps taken by the Government to tackle the flood situation in the country since 2019 is given below:

- i. To strengthen the structural measures of flood management, Union Government had implemented Flood Management Programme (FMP) during XI & XII Plans for providing central assistance to States for works related to 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 to 2020-21 and was further extended up to 2026 with limited outlay.

- ii. In order to provide more lead time to the local authorities to plan evacuation of people & take other remedial measures, CWC has developed basin wise flood forecasting model based on rainfall-runoff mathematical modelling for 7 days advance advisory at its forecasting stations.
- iii. Ministry of Jal Shakti has continuously impressed upon the States the need to adopt flood plain zoning approach. A model draft bill for flood-plain zoning legislation was also circulated by Central Water Commission in 1975 to all the States. The bill envisages establishing flood plain zones and delineate the areas which are subject to flooding including classification of land with reference to relative risk of flood plain use intended to safeguard the health, safety and property of the general public. In order to enable States to undertake scientific assessment of flood plains and its zoning, a technical guideline on Flood Plain Zoning has been prepared by Ministry and circulated to the States/UTs in 2024.

(b) At present, North-East Water Management Authority does not exist.

(c) As per report of Central Water Commission on “Assessment of Area Affected Due to Floods in India” based on satellite imageries data from 1986 to 2022, the total flood affected areas in India is assessed as 21.213 Mha and area protected through various steps taken for flood management by the Central/State Government is 20.538 Mha. As per the report of Rastriya Badh Aayog (RBA) of 1980, a total of 33.516 Mha area was flood effected & 9.77 Mha area was protected from floods.

(d) As informed by Government of Uttar Pradesh, total 1417 numbers of flood protection projects have been completed since 2019-20 in Uttar Pradesh which protect 38.19 Lakh hectare of land and population of 285.90 Lakh from flood. Year wise details of flood protection projects completed by Government of Uttar Pradesh is at **Annexure**.

Further, State Disaster Management Authority of Government of Uttar Pradesh has been organising the country's largest mock drill each year involving all 40 flood prone districts of the state. State Disaster Management Authority has also prepared comprehensive State Disaster Management & Flood Action Plan and Safety Awareness Programs.

ANNEXURE

**ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 1699
TO BE ANSWERED IN LOK SABHA ON 01.08.2024 REGARDING “FLOOD MANAGEMENT”.**

FY	Number of completed flood protection projects
2019-20	151
2020-21	196
2021-22	167
2022-23	283
2023-24	362
2024-25	258
Total	1417
