

GOVERNMENT OF INDIA

MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

**LOK SABHA**

**UNSTARRED QUESTION NO.1765**

ANSWERED ON 01.08.2024

**FLOOD MANAGEMENT PROJECTS FOR HIMALAYAN RIVERS**

†1765. SHRI RAMPRIT MANDAL

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

- (a) whether the Government has launched any specific flood management projects for Himalayan rivers in Northern and North-Eastern regions of the country;
- (b) if so, the details of such initiatives including their objectives and scope of the work;
- (c) the measures taken to improve early warning systems and disaster preparedness in flood-prone areas;
- (d) the steps being taken to strengthen river embankments and other infrastructure to reduce flood risks; and
- (e) the details of the total funds allocated and utilized for flood management projects in Northern and North-Eastern regions during the last five years?

**ANSWER**

**THE MINISTER OF STATE FOR JAL SHAKTI**

(SHRI RAJ BHUSHAN CHOUDHARY)

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

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 including Northern and North-Eastern regions of the country 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.

Total 427 projects under FMP component of FMBAP have been completed in various States which give protection to an area of around 5.04 Mha and protected a population of about 53.69 million. In the North-Eastern regions total 208 Flood Management Projects have been completed under FMBAP which give protection to an area of around 8.78 Lakh hectare and protected a population of about 18.31 Million. In the Northern regions total 77 Flood Management Projects have been completed under FMBAP which give protection to an area of around 6.90 Lakh hectare and protected a population of about 7.13 Million.

(c) 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 340 forecasting stations (200 river level forecast stations & 140 dam/ barrage inflow forecast stations). These stations cover 20 major river basins in 23 States & 2 Union Territories. In order to provide more lead time to the local authorities to plan evacuation of people & take other remedial measures, Central Water Commission (CWC) has developed basin wise flood forecasting model based on rainfall-runoff mathematical modelling for 7 days advance flood forecast advisory at its forecasting stations.

(d) The projects for flood management including strengthening of river embankments and other infrastructure are undertaken by the State Governments to reduce flood risks.

(e) Total central assistance amounting to Rs. 7106.47 crore has been released under Flood Management Programme (FMP) component and Rs 1258.73 crore under River Management Activities and Works Related to Border Areas (RMBA) of FMBAP to various states upto March 2024 for flood management projects.

Total Central Assistance released by Government of India for flood management projects in Northern and North-Eastern regions during last five years during 2019-20 to 2023-24 under FMBAP is Rs. 523.47 crore and Rs. 547.56 crore respectively. Details of central assistance released under FMBAP in Northern and North-Eastern regions during last five years are at **Annexure**.

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**ANNEXURE**

**ANNEXURE REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION NO. 1765 TO BE ANSWERED IN LOK SABHA ON 01.08.2024 REGARDING “FLOOD MANAGEMENT PROJECTS FOR HIMALAYAN RIVERS”.**

**Details of central assistance released under FMBAP in Northern and North-Eastern regions during last five years (2019-20 to 2023-24)**

<b>S.No</b>	<b>Name of States</b>	<b>Central Assistance released during last five years (2019-20 to 2023-24) under FMBAP in Rs. crore</b>
(a)	<b>Northern States</b>	
1	Uttar Pradesh	39.15
2	Uttarakhand	38.35
3	Punjab	3.74
4	Haryana	0.00
5	Himachal Pradesh	224.79
6	Jammu & Kashmir	217.44
	<b>Total Northern States</b>	<b>523.47</b>
(b)	<b>North Eastern States</b>	
1	Arunachal Pradesh	0.00
2	Assam	355.68
3	Manipur	191.01
4	Meghalaya	0.00
5	Mizoram	0.00
6	Nagaland	0.86
7	Sikkim	0.00
8	Tripura	0.00
	<b>Total North-Eastern States</b>	<b>547.56</b>

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