

GOVERNMENT OF INDIA

MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

RAJYA SABHA

UNSTARRED QUESTION NO. 1526

ANSWERED ON 05.08.2024

BRAHMAPUTRA BOARD

1526. SHRI PRAKASH CHIK BARAIK

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

- (a) total number of projects sanction under the Brahmaputra Board in recent five years;
- (b) the details of budget allocation and expenditure incurred project-wise;
- (c) whether there are any plans or projects to form a board similar to the Brahmaputra Board to address flood control and management in North Bengal (West Bengal); and
- (d) the specific measures being taken to mitigate the recurring flood situation and ensure the safety and welfare of the affected communities?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY)

(a) & (b) As per information received from Brahmaputra Board, total 11 number of flood and erosion control projects have been sanctioned in recent five years. Details of budget allocation and expenditure incurred project-wise is at **Annexure-I**.

(c) At present, there is no plan to form a board similar to the Brahmaputra Board to address flood control and management specifically in North Bengal (West Bengal).

(d) 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. Flood management measures are broadly categorized as structural measures and non-structural measures. Integrated flood approach aims at adopting judicious mix of structural and non-structural measures to provide a reasonable degree of protection against flood damages at economic cost.

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. 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.

Total central assistance amounting to Rs. 7106.47 crore has been released under FMP component to various states upto March 2024. Out of this central assistance amounting to Rs. 2260.50 crore has been to North Eastern States and total 208 Flood Management Projects have been completed in North eastern states so far.

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 at 44 forecasting stations (6 Inflow Forecast Stations & 38 Level Forecast Stations) in North Eastern States including Sikkim. The network has been established in consultation with the State Governments and UTs. 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. Details of flood Forecasting stations in the Country **including North-Eastern States** is at **Annexure-II**.

Government of India also constituted Brahmaputra Board in 1980 by an Act of Parliament Brahmaputra Board Act, 1980 (No. 46 of 1980) with the objective of planning and integrated implementation of measures for control of floods and bank erosion in Brahmaputra Valley and matters connected therewith. Presently, it has Jurisdiction in all North Eastern States including Sikkim and a part of West Bengal falling in Brahmaputra Basin. 52 master plans have been prepared by Brahmaputra Board which have been shared to the concerned States for their implementation.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (a) & (b) OF UNSTARRED QUESTION NO. 1526 TO BE ANSWERED IN RAJYA SABHA ON 05.08.2024 REGARDING “BRAHMAPUTRA BOARD”.

Project-wise budget allocation and expenditure incurred by Brahmaputra Board

(In Cr.)

| S. No. | Name project | Allocation | Expenditure |
|---------------|---|-------------------|--------------------|
| 1 | Protection of Mankachar, Kalair-Alga International Border area from flood and erosion of river Brahmaputra in South Salmara Mankachar district of Assam. | 20.25 | 18.33 |
| 2 | Protection of Majuli Island from flood and erosion of river Brahmaputra in Majuli district of Assam funded by Ministry of DoNER | 233.57 | 220.40 |
| 3 | Restoration of Dibang and Lohit rivers to their original courses at Dhola-Hatighuli Phase-V in Tinsukia district of Assam. | 24.95 | 21.55 |
| 4 | Protection of Balat village from erosion of river Umngi in West Khasi Hills district of Meghalaya (Phase –II). | 12.87 | 14.14 |
| 5 | Protection of Lipu, Liru Village, Likabali township including BRO HQ Likabali Army Division in Arunachal Pradesh. | 16.00 | 0.00 |
| 6 | Anti Erosion work along the Remi River at Sile and Oyan villages East Siang District in Arunachal Pradesh. | 20.79 | |
| 7 | Anti Erosion work along the Remi River at Mirem, Miglung and Remi villages East Siang District in Arunachal Pradesh. | 23.33 | 17.95 |
| 8 | Protection of Neamatighat area from flood and erosion of river Brahmaputra in Assam. | 22.93 | 2.95 |
| 9 | Anti-Erosion work on both bank of Dollung river to protect agriculture land and village of Dollungmukh area, Kamle district, Arunachal Pradesh. | 18.25 | 0.00 |
| 10 | Anti-Erosion measures for bank protection of Bhajaner Charra, Nishiganj area under Cooch Behar Block No. II along the left bank of River Mansai at Cooch Behar district in West Bengal. | 4.90 | 4.34 |
| 11 | Bank protection work at Bhogdebri area on the Right Bank of River Mansai in Cooch Behar district in West Bengal. | 4.68 | 4.78 |

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 1526 TO BE ANSWERED IN RAJYA SABHA ON 05.08.2024 REGARDING “BRAHMAPUTRA BOARD”.

Flood forecasting sites in India and North-Eastern States

| State-wise Flood Forecasting Stations | | | | |
|--|-------------------------|---|---------------|--------------|
| S.No. | Name of State/UT | Number of flood forecasting stations | | |
| | | Level | Inflow | Total |
| 1 | Arunachal Pradesh | 3 | 1 | 4 |
| 2 | Assam | 30 | 0 | 30 |
| 3 | Sikkim | 3 | 5 | 8 |
| 4 | Tripura | 2 | 0 | 2 |
| 5 | Andhra Pradesh | 10 | 10 | 20 |
| 6 | Bihar | 40 | 3 | 43 |
| 7 | Chhattisgarh | 1 | 2 | 3 |
| 8 | Gujarat | 6 | 8 | 14 |
| 9 | Haryana | 1 | 1 | 2 |
| 10 | Himachal Pradesh | 1 | 0 | 1 |
| 11 | Jammu & Kashmir | 3 | 0 | 3 |
| 12 | Jharkhand | 2 | 15 | 17 |
| 13 | Karnataka | 1 | 14 | 15 |
| 14 | Kerala | 4 | 2 | 6 |
| 15 | Madhya Pradesh | 2 | 12 | 14 |
| 16 | Maharashtra | 8 | 14 | 22 |
| 17 | Odisha | 12 | 7 | 19 |
| 18 | Rajasthan | 4 | 11 | 15 |
| 19 | Tamil Nadu | 4 | 11 | 15 |
| 20 | Telangana | 5 | 10 | 15 |
| 21 | Uttar Pradesh | 39 | 5 | 44 |
| 22 | Uttarakhand | 4 | 5 | 9 |
| 23 | West Bengal | 12 | 4 | 16 |
| 24 | Daman & Diu | 1 | 0 | 1 |
| 25 | NCT of Delhi | 2 | 0 | 2 |
| | Total | 200 | 140 | 340 |
