

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

RAJYA SABHA

STARRED QUESTION NO. *70

ANSWERED ON 29.07.2024

BANK EROSION AT BEAS-SUTLEJ VALLEY, HIMACHAL PRADESH

*70. DR. SIKANDER KUMAR

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether Government is aware of the fact that the upper reaches of the Beas and Sutlej Valley has been affected due to bank erosion and flash floods in Himachal Pradesh;
- (b) if so, the details thereof;
- (c) whether Government has granted any funds for bank erosion prevention projects and if so, the details thereof;
- (d) whether Government has taken any immediate measures to protect life in the aforementioned areas; and
- e) if so, the details thereof?

ANSWER

THE MINISTER OF JAL SHAKTI

(SHRI C R PAATIL)

(a) to (e) : A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. *70 TO BE ANSWERED ON 29.07.2024 IN RAJYA SABHA REGARDING “BANK EROSION AT BEAS-SUTLEJ VALLEY, HIMACHAL PRADESH”

(a) & b) The State of Himachal Pradesh including the upper reaches of Beas and Sutlej valley are prone to riverine and flash floods in varying degrees. These stretches are characterized by steep slopes with river bed consisting of a mixture of boulders, gravels and sand. Flash floods are generally caused due to hill torrents cascading down steep slopes. Bank erosion in the upper reaches with steep slopes and the bed consisting of boulders is a natural regulating function of a river.

(c) to (e) Flood management including erosion control falls within the purview of the States and therefore, the projects for flood control and erosion control are formulated and implemented by the concerned States as per their priority. The Union Government supplements the efforts of the States by providing technical guidance and financial assistance for management of floods in critical areas. During XI plan, Government of India had launched Flood Management Programme (FMP) for providing central assistance to States for the works related to flood management and erosion control etc. with an outlay of ₹ 8000 crore, which was continued during XII Plan with an outlay of ₹ 10,000 crore. Financial assistance was also provided to the States/UTs for undertaking flood management works project under the scheme “River Management Activities and Works related to Border Areas (RMBA)” during XII Plan. The FMP and RMBA under operation during XII Five Year Plan were merged as “Flood Management and Border Areas Programme (FMBAP)” for the period 2017-18 to 2019-20 and further extended upto March, 2021. Government of India further approved the continuation of FMBAP Scheme with an outlay of ₹ 4100 crore during 2021-2026. Total Central assistance amounting to ₹ 7106.47 crore has been released under the FMP component to various states up to March 2024. Further, Central assistance amounting to ₹ 862.74 crore upto March, 2024 has been released to State Government of Himachal Pradesh under FMBAP Scheme. The central assistance released to the State of Himachal Pradesh under FMBAP during last five years is at **Annexure-I**.

On the request of State Government, five flood management projects on Beas and Sutlej rivers have been included for funding under FMBAP Scheme, details of which is at **Annexure-II**.

As non-structural flood measure, Central Water Commission (CWC) issues station-specific flood forecasts to concerned stakeholders at identified river locations. This includes inflow forecasts at identified reservoirs for proper reservoir regulation. Presently, flood forecasts are issued by CWC at **340** stations (**140** Inflow Forecast Stations + **200** Level Forecast Stations) as per Standard Operating Procedure. The network has been established in consultation with State Govt./Project authorities. In addition to short range forecast, CWC also prepares 7 days advisory flood forecast through basin specific mathematical models using IMD weather forecast product and near real time satellite rainfall estimates. CWC maintains a network of 26 hydrological observation networks in the State of Himachal Pradesh.

Indian Meteorological Department (IMD) also issues National Flash Flood Guidance Bulletin indicating the flash flood threat and risk to different watersheds delineated at very fine resolution all over the country.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (c) to (e) OF RAJYA SABHA STARRED QUESTION NO. *70 TO BE ANSWERED ON 29.07.2024 REGARDING “BANK EROSION AT BEAS-SUTLEJ VALLEY, HIMACHAL PRADESH”

The central assistance released to State Government of Himachal Pradesh during last five years period is as under:

Grants in Aid under FMBAP from F.Y 2019-20 to F.Y 2023-24	
(All amount in ₹ crore)	
2019-20	176.41
2020-21	11.87
2021-22	6.35
2022-23	-
2023-24	30.16
Total	224.79

ANNEXURE-II**ANNEXURE REFERRED TO IN REPLY TO PART (c) to (e) OF RAJYA SABHA STARRED QUESTION NO. *70 TO BE ANSWERED ON 29.07.2024 REGARDING “BANK EROSION AT BEAS-SUTLEJ VALLEY, HIMACHAL PRADESH”**

Details of Flood Management Projects on river Beas and Sutlej in Himachal Pradesh is as under:

Flood Management Projects on River Beas and Sutlej in Himachal Pradesh							
(All amount in ₹crore)							
S.No.	Name of Projects	River	Area Benefitted	Population Benefitted	Estimated Cost	Central Assistance released	Status
1	Flood protection works to SoanKhad from SayathiAwal to KaiswaiDharampur in tehsil Sarkaghat-(HP-3)	Beas	56 Ha	1030 nos.	₹ 6.38	₹ 3.19	Completed
2	Providing flood protection work for Kanda Pattan (Beas River) Sakrain, Malthod, Thothu and Samourkhad in Tehsil Sarkaghat-(HP-2101)	Beas	300 Ha	3289 nos.	₹ 141.12	₹ 36.51	Ongoing
3	Swan River Flood Management & Integrated Land Development Project (Phase-II) in District Una (HP)- (HP-2)	Swan/Sutlej	5000 Ha	9000 nos.	₹184.27	₹ 26.20	Completed
4	Swan river flood management project from Daulatpur to Gargel bridge in main Swan river & all tributaries joining main Swan river from Daulatpur to Santokhgarj bridge in District, Una (HP)- (HP-4)	Swan/Sutlej	7163.49 Ha	235834 nos.	₹ 922.49	₹ 594.86	Completed
5	Providing Stabilization of Seer Khad& Flood control works from Seer Jahoo to Bum in Tehsil Ghumarwin in District Bilaspur Himachal Pradesh-(HP-06)	Seer Khad/Sutlej	120 Ha	5370 nos.	₹ 23.17	₹ 9.98	Completed
