

GOVERNMENT OF INDIA

MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

RAJYA SABHA

UNSTARRED QUESTION NO. 3596

ANSWERED ON 03.04.2023

FLOOD CONTROL AND DRAINAGE PROJECTS IN THE STATE OF ANDHRA PRADESH

3596. SHRI MASTHAN RAO BEEDA

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

- (a) whether Government has implemented any schemes for flood control and drainage in flood-prone areas;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether any flood control and drainage projects have been introduced in flood prone areas of Andhra Pradesh;
- (d) if so, the details thereof including the outcomes and benefits achieved and if not, the reasons therefor; and
- (e) the details of other steps taken to achieve flood control and drainage in Andhra Pradesh?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) & (b) Flood management falls within the purview of the States. Flood management and anti-erosion projects 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 protection and 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 damage at economic cost. To strengthen the structural measures of flood management, Government of India had implemented Flood Management Programme (FMP) during XI & XII Plans for providing central assistance to States for works related to flood management, 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 2000-21 and was further extended up to September 2022 with limited outlay. So far, central assistance amounting to Rs. 6,977.43 crore has been released to State Governments/Union Territories under FMP component of this programme since inception. No project from the State of Andhra Pradesh has been included for central funding under FMBAP.

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 333 forecasting stations (199 river level forecast stations & 134 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, CWC has developed basin wise flood forecasting model based on rainfall-runoff mathematical modelling for 5 days advance flood forecast advisory at its forecasting stations. CWC operates 20 flood forecasting stations (10 level forecast & 10 inflow forecasts) in the State of Andhra Pradesh as per details at **Annexure**.

(c) to (e) The Government of Andhra Pradesh has informed that the flood mitigation activities are carried out as per the flood contingency plan in vogue in every year to reduce and minimize the flood damage. The banks of the rivers have been raised to upto maximum flood standards. The State Government of Andhra Pradesh has constructed and commissioned Kondaveetivaagu Flood Water Pumping Scheme to lift 5,000 cusecs of flood water from Kondaveetivaagu to river Krishna upstream of Prakasham Barrage in Guntur District with an amount of Rs. 260.48 crore. The Government of Andhra Pradesh is undertaking construction of flood protection wall along the left margin of Krishna river in phases. The State Government is also implementing construction of protection wall on the left side of Penna river to protect the adjacent flood prone areas of Nellore Municipal Corporation from the floods. State Government of Andhra Pradesh carries out operation & maintenance (O & M) works like removal of weed, de-silting etc., in the notified drains and canals for effective working of drain system in order to avoid submergence of crops. Emergency Action Plan (EAP) in respect of the Mallemadugu reservoir has been prepared. Annual maintenance of structures such as dams, barrages, flood banks, canals of tanks, drains, desilting basins, etc. is carried out by the State Government of Andhra Pradesh

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (a) & (b) OF UNSTARRED QUESTION NO. 3596 TO BE ANSWERED IN RAJYA SABHA ON 03.04.2023 REGARDING “FLOOD CONTROL AND DRAINAGE PROJECTS IN THE STATE OF ANDHRA PRADESH”.

Flood Forecasting Stations of CWC in Andhra Pradesh				
Sl. No.	Name of the river	Name of FF site	District	Basin Name
Level Forecast				
1	Sabari	Chinturu	East Godavari	Godavari Basin
2	Godavari	Kunavaram	East Godavari	Godavari Basin
3	Godavari	Rajahmundry	East Godavari	Godavari Basin
4	Godavari	Dowlaiswaram	East Godavari	Godavari Basin
5	Tungabhadra	Mantralayam	Kurnool	Krishna Basin
6	Pennar	Nellore Anicut	Nellore	Pennar Basin
7	Godavari	Atreyapuram	East Godavari	Godavari Basin
8	Tungabhadra	Kurnool	Kurnool	Krishna Basin
9	Krishna	Avanigadda	Krishna	Krishna Basin
10	Nagavali	Srikakulam	Srikakulam	EF (Mahanadi to Pennar)
Inflow Forecast				
11	Vamsadhara	Gotta Barrage	Srikakulam	EF (Mahanadi to Pennar)
12	Krishna	Srisailam Dam	Kurnool	Krishna Basin
13	Godavari	IndirasagarPolavaram Project	West Godavari	Godavari Basin
14	Krishna	Prakasam Barrage	Krishna	Krishna Basin
15	North Pennar	Somasila Dam	Nellore	Pennar
16	Krishna	Dr K L R S Pulichintala Dam	Guntur	Krishna Basin
17	Tungabhadra	Sunkesula Barrage	Kurnool	Krishna Basin
18	Nagavali	Thottapalli Reservoir Scheme	Vizianagaram	EF (Mahanadi to Pennar)
19	Nagavali	NarayanapuramAnicut	Srikakulam	EF (Mahanadi to Pennar)
20	Nagavali	Madduvalasa Reservoir	Vizianagaram	EF (Mahanadi to Pennar)
