

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI,  
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 731**  
ANSWERED ON 26.07.2021

**INCREASED RISK OF FLOOD**

731 SHRI M.V. SHREYAMS KUMAR

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

- (a) whether the country has been facing an increased risk of flood during the last three years
- (b) if so, the details of the States that suffered the maximum loss due to flood during the last three ears
- (c) whether Government has plans to introduce any measures to increase flood resilience across India and
- (d) if so, the details thereof along specific plan for Kerala?

**ANSWER**

THE MINISTER OF JAL SHAKTI

(SHRI GAJENDRA SINGH SHEKHAWAT)

(a) 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 328 forecasting stations (190 river level forecast stations & 138 dam/ barrage inflow forecast stations). These stations cover 20 major river basins in 23 States & 2 Union Territories. As per flood forecasting network of CWC, during the last 3 years, in addition to existing flood prone states of Assam, Bihar and Uttar Pradesh, extreme floods (water level above previous Highest Flood Level) were witnessed in the states of Kerala, Karnataka, Tamilnadu, Andhra Pradesh, Telangana, Odisha, Maharashtra, Chhattisgarh, Madhya Pradesh and Rajasthan due to excess to large excess rainfall in these states combined with extremely heavy rainfall in short duration.

(b) Central Water Commission maintains the flood damage data of the country and as per the flood damage data compiled by CWC, maximum damages due to floods during the years 2017 to 2019 are in the states of Assam, Arunachal Pradesh, West Bengal, Rajasthan, Gujarat, Andhra Pradesh, Uttar Pradesh, Kerala and Karnataka.

(c) & (d) Flood management 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 flood management and erosion control in critical areas. The Government of India has been making continuous efforts to assist the State Governments in effective flood management. During XI Plan Government of India had launched Flood Management Programme (FMP) for providing Central Assistance to States for works related to river management which continued during XII Plan and thereafter as a component of "Flood Management and Border Areas Programme" (FMBAP) for the period from 2017-18 to 2020-21, central assistance to the tune of Rs.137.95 Crores has been provided to State of Kerala up to March. 2021 under this Programme.

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