

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO. 4458

ANSWERED ON 27.03.2025

PANEL ON YAMUNA BANKS

4458. PROF. SOUGATA RAY

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

- (a) whether the floods in Yamuna caused a lot of problems to Delhi during the last monsoon season and if so, the details thereof;
- (b) whether the concerned authority has been failed to maintain the barrages/shutters of river Yamuna at the time of the rising of water level and if so, the details thereof; and
- (c) whether the Government has formed any panel to look after Yamuna banks to avoid such types of incidents in future and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY)

(a) & (b) During the monsoon season of 2024, there was no flooding reported in Delhi from Yamuna river. During monsoon of 2023, due to heavy rainfall in the upper catchment area of river Yamuna resulted in huge runoff in the river, due to which an earlier Highest Flood Level (HFL) of 207.49 m recorded on 6th September, 1978 at the Old Delhi railway bridge, Flood Forecasting site of Central Water Commission (CWC), got surpassed by a new HFL of 208.66 m observed on 13th July 2023.

During the peak flow in the year 2023, some gates of ITO barrage were non-operational leading to higher afflux and subsequent water levels.

(c) Due to extensive flooding in Yamuna River during July, 2023, DoWR, RD&GR, Ministry of Jal Shakti, constituted a committee vide O.M. dated 06th August 2023 for "Joint flood management study of river Yamuna for its reach between Hathnikund and Okhla barrage". The committee headed by Chairman, CWC and members from Haryana, Uttar Pradesh, NCT of Delhi and other expert organisations examined the meteorological aspects, return period of floods, discharging capacity of barrages, functional requirement of ITO barrage, etc. The rainfall during 9th July to 13th July, 2023 was identified as one of the major causative factors for extreme flooding in Delhi and other locations along the reach of river Yamuna. The salient conclusions/ recommendations of the report includes identification of submergence areas and water levels for different flood return periods, identification of embankment overtopping zones for corrective actions, identification of drains subjected to congestion under different return period of floods for corrective actions, operation of all gates of ITO barrage in open condition during floods, removal of encroachments and temporary structures river Yamuna, regular maintenance/overhauling of hydraulic gates, stop logs and hoisting equipment installed in barrages as per the Operation and Maintenance manual of the barrage/ codal provisions.
