

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI,  
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. †5335**  
ANSWERED ON 25.07.2019

**FLOODS IN KOSHI AND GANDAK RIVERS**

†5335. SHRI MAHABALI SINGH

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether disastrous floods occur every year in Koshi and Gandak rivers due to heavy rainfall in the water catchment area of Nepal and if so, the details thereof;
- (b) whether many districts of North Bihar become inundated and lakhs of people become homeless and there is huge loss of life and property due to the floods, if so, the details thereof
- (c) whether the discussion between the Union Government and the Government of Nepal to prevent the disastrous floods have yielded any conclusive results; and
- (d) if so, the details thereof?

**ANSWER**

THE MINISTER OF STATE FOR JAL SHAKTI & SOCIAL JUSTICE AND EMPOWERMENT

(SHRI RATTAN LAL KATARIA)

(a) & (b) Yes, the State of Bihar is affected due to floods every year in Koshi and Gandak rivers due to heavy rainfall in the catchment area in Nepal. As informed by Water Resource Department, Government of Bihar, the maximum river discharge observed in rivers Kosi and Gandak during the last three years during flood are at **Annexure I**. Central Water Commission compiles the details of annual damage due to the floods as supplied by the State Governments. These data are available from year 1953 onwards. The average damages for State of Bihar for the period from 1953 to 2017 are at **Annexure II**.

(c) & (d) Currently, the Flood Forecasting & Early Warning System of rivers flowing from Nepal to India is in place. Government of India is having continuous dialogue with the Government of Nepal at various levels to mitigate devastation caused by the flood havoc from the rivers coming from Nepal through various storage dams like Saptakosi-Sun Kosi etc., contemplated jointly by both the Governments. Government of India has been regularly taking up this matter with the Government of Nepal through various bilateral mechanisms in the sector of water resources such as the Joint Committee on Inundation and Flood Management as well as the Joint Committee on Kosi and Gandak Projects. Government has been cooperating continuously with the Government of Nepal in the areas of flood forecasting and hydro meteorological data sharing.

\*\*\*\*\*

**ANNEXURE-I**

**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO.†5335 TO BE ANSWERED IN LOK SABHA ON 25.07.2019 REGARDING “FLOODS IN KOSHI AND GANDAK RIVERS”.**

Maximum river discharge observed in rivers Kosi and Gandak during the last three years during flood

<b>S. No.</b>	<b>Location</b>	<b>Year-Wise occurrence of Maximum Discharge in cusecs</b>		
		<b>2017</b>	<b>2018</b>	<b>2019</b>
1.	Kosi River Birpur Barrage	283785 (on 12.08.2017)	274790 (on 15.08.2018)	371110 ( on 13.07.2019)
2.	Gandak River Valmikinagar Barrage	524500 (on 13. 08.2017)	189000 (on 6 &15 08.2018)	194800 (on 13.07.2019)

**ANNEXURE-II**

**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. †5335 TO BE ANSWERED IN LOK SABHA ON 25.07.2019 REGARDING “FLOODS IN KOSHI AND GANDAK RIVERS”.**

<b>Statement showing the average damages due to floods in Bihar, Uttar Pradesh and West Bengal during the period 1953 to 2017</b>											
<b>Sl. N</b>	<b>Name of State</b>	<b>Area affected in Mha</b>	<b>Population affected in million</b>	<b>Damage to Crops</b>		<b>Damage to Houses</b>		<b>Cattle lost Nos.</b>	<b>Huma-n Lives Lost Nos.</b>	<b>Damage to Public Utilities</b>	<b>Total damages Crops, Houses and Public Damages in Rs.Crore</b>
				<b>Area in Mha</b>	<b>Value in Rs. Crore</b>	<b>Numbers</b>	<b>Value in Rs. Crores</b>				
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
1	BIHAR	4.26	29.985	2.24	768.38	1398484	831.45	10105	1287	1035.16	2310.65

\*\*\*\*\*