

( TO BE PUBLISHED IN THE GAZETTED OF INDIA, PART I, SECTION I )  
GOVERNMENT OF INDIA (BHARAT SARKAR)  
MINISTRY OF IRRIGATIONS & POWER (WINCHAI PUR VIDYUT MANTRALAY)

\* \* \* \* \*

New Delhi, the 18th April, 1972.

RESOLUTION

No. F.C. 47(2)/72: In the Ganga Basin covering the States of Bihar, Uttar Pradesh, West Bengal, Haryana, Rajasthan and Madhya Pradesh, floods in some part or the other is an annual feature. On account of the inadequacy of the protection measures carried out so far, large scale damage due to floods often occurs. It has, therefore, been considered that concerted efforts should be made for tackling the floods in the Ganga and its tributaries in a big way. Being an inter state river, it is necessary to prepare an integrated plan to tackle the flood, erosion and drainage problem in the basin and implement it in a co-ordinated manner. In order to ensure the close cooperation of the Government of India in this task and to facilitate prompt and effective action in the formulation and implementation of a comprehensive and Co-ordinated plan of flood control in the basin, the Government of India have decided to set up the Ganga Flood Control Board.

2. The Board will consist of the following :

- |       |  |                  |
|-------|--|------------------|
| i)    | Union Minister for Irrigation & Power                  | Chairman         |
| ii)   | Union Minister of State for Finance                    | Member           |
| iii)  | Chief Minister of Bihar or his representative          | Member           |
| iv)   | Chief Minister of Uttar Pradesh or his representative  | Member           |
| v)    | Chief Minister of West Bengal or his representative    | Member           |
| vi)   | Chief Minister of Haryana or his representative        | Member           |
| vii)  | Chief Minister of Rajasthan or his representative      | Member           |
| viii) | Chief Minister of Madhya Pradesh or his representative | Member           |
| ix)   | Chairman of the Ganga Flood Control Commission         | Member-Secretary |

3. The Board will lay down the broad policies and decide priorities in the implementation of the various schemes. The Board will also accord approval to the schemes and recommend annual outlays for their implementation.

4. The Board will frame its own rules of business. The head quarters of the Board will be at Patna.

5. For preparing a comprehensive plan of flood control for the Ganga Basin, to draw out a phased and coordinated programme of implementation of the works included in the basin wise plans by the states concerned and to ensure the implementation of works to proper standards and their maintenance, the Government of India will also set up the Ganga Flood Control Commission with Headquarters at Patna. The Chairman of the Commission will be the Member-Secretary of the Ganga Flood Control Board.



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New Delhi, the 18th April, 1972.

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| ii) Union Minister of State for Finance                      | - | Member   |
| iii) Chief Minister of Bihar or his representative           | - | Member   |
| iv) Chief Minister of Uttar Pradesh or his representative    | - | Member   |
| v) Chief Minister of West Bengal or his representative       | - | Member   |
| vi) Chief Minister of Haryana or his representative          | - | Member   |
| vii) Chief Minister of Rajasthan or his representative       | - | Member   |
| viii) Chief Minister of Madhya Pradesh or his representative | - | Member   |

ix) Chairman of the Ganga Flood Control Commission- Member-Secretary.

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will also set up the Ganga Flood Control Commission with Headquarters at Patna. The Chairman of the Commission will be the Member-Secretary of the Ganga Flood Control Board.

6. The Government of India will also set up a technical Committee to assist the Flood Control Commission in all technical matters.

*B.P. Patel*

( B.P. Patel )

Secretary to the Government of India

ORDER

Ordered that a copy of the Resolution be communicated to the State Governments of Bihar, Haryana, Madhya Pradesh, Rajasthan, Uttar Pradesh, West Bengal, Ministries of Finance, Agriculture, Railways, Transport, Planning and Prime Minister's Secretariat/ Private and Military Secretary to the President/Comptroller and Auditor General of India for information.

Ordered also that the Resolution be published in the Gazette of India and the State Governments of Bihar, Haryana, Madhya Pradesh, Rajasthan, Uttar Pradesh and West Bengal be requested to publish it in the State Gazettes for general information.

*B.P. Patel*

( B.P. Patel )

Secretary to the Government of India

To

The Manager,  
Government of India Press,  
Faridabad. (Haryana).

Copy forwarded to the Chairman and Members of the Ganga Flood Control Board.

*K. Ramesh Rao*

( K. Ramesh Rao )

Deputy Secretary to the Government of India

Copy also forwarded for information to:

1. P.S. to Union Minister of Irrigation & Power.
2. P.S. to Union State Minister of Finance, New Delhi.
3. P.S. to Chief Minister, Bihar, Patna.
4. P.S. to Chief Minister, Haryana, Chandigarh.
5. P.S. to Chief Minister, Rajasthan, Jaipur.
6. P.S. to Chief Minister, Uttar Pradesh, Lucknow.
7. P.S. to Chief Minister, West Bengal, Calcutta.
8. P.S. to Chief Minister, Madhya Pradesh, Bhopal.

*K. Ramesh Rao*

( K. Ramesh Rao )

Deputy Secretary to the Government of India



Copy also forwarded to:

1. Secretary, Irrigation Department, Bihar, Patna.
2. Secretary, Irrigation Department, Haryana, Chandigarh.
3. Secretary, Irrigation Department, Rajasthan, Jaipur.
4. Secretary, Irrigation Department, Uttar Pradesh, Lucknow.
5. Secretary, Irrigation & Waterways Department, West Bengal, Calcutta.
6. Secretary, Irrigation Department, Madhya Pradesh, Bhopal.

*K. Ramesh Rao*

( K. Ramesh Rao )

Deputy Secretary to the Government of India

Copy for information to:

1. P.S. to Deputy Minister of Irrigation & Power.
2. P.S. to Secretary, Ministry of Irrigation & Power.
3. Chairman, C.W. & P.C., New Delhi.
4. Member (Floods), C.W. & P.C., New Delhi.
5. Information Officer, Ministry of I&P.
6. Editor Bhagirath, Ministry of I&P.
7. P.S. to JS (I).

*K. Ramesh Rao*

( K. Ramesh Rao )

Deputy Secretary to the Government of India

No. FC. 47(3)/72  
GOVERNMENT OF INDIA  
(BHARAT SARKAR)  
MINISTRY OF IRRIGATION & POWER  
(SINCHAI AUR VIDYUT MANTRALAYA)

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New Delhi, the 18th April, 1972.

RESOLUTION

No. FC. 47(3)/72: In continuation of Ministry of Irrigation and Power Resolution No. FC. 47(2)/72, dated the 18th April, 1972 constituting the Ganga Flood Control Board, the Government of India hereby constitute the Ganga Flood Control Commission.

2. The Commission will consist of the following whole-time officers:

- (i) Chairman.
- (ii) Member-Planning and Design.
- (iii) Member-Coordination.

In addition the Chief Engineers in charge of flood control in the States of Bihar, Uttar Pradesh and West Bengal will be part-time Members of the Commission.

The Chairman of the Commission will be the Member-Secretary of the Ganga Flood Control Board.

3. The Commission will be entrusted with the following functions :-

- (i) to prepare a comprehensive plan of flood control for the Ganga basin. The field investigations and collection of data for the purpose will be carried out by the State Governments as directed by the Ganga Flood Control Board;
- (ii) to draw out a phased and coordinated programme of implementation of works included in the basin-wise plans;
- (iii) to ensure the implementation of works to proper standards and their maintenance;
- (iv) to prepare the annual programme of works and allocation of cost wherever required for the consideration of the Board;
- (v) to operate the flood forecasting and warning systems;
- (vi) to assess the performance of flood control measures; and
- (vii) to make an assessment of the existing vent-ways under the road and rail bridges and to determine additional waterways to be provided for reducing the drainage congestion to reasonable limits.

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4. The Commission will work within the broad framework of policy directions issued by the Ganga flood Control Board and will work in close liaison with the Central Water and Power Commission and the State Flood Control Organisations.

5. The headquarters of the Commission will be at Patna.

6. The Commission will be assisted in all technical matters by a Technical Advisory Committee to be set up by the Government of India.

7. The Flood Control Works approved by the Board will normally be implemented by the State Governments concerned. If, however, it becomes necessary the Commission may arrange the execution of specific works.

*B.P. Patel*

( B.P. Patel )

Secretary to the Government of India

ORDER

Ordered that a copy of the Resolution be communicated to the State Governments of Bihar, Haryana, Madhya Pradesh, Orissa, Uttar Pradesh, Rajasthan and West Bengal, Ministries of Agriculture, Finance, Planning, Railways and Transport, Prime Minister's Secretariat, Private and Military Secretary to the President and Comptroller and Auditor General of India.

Ordered also that the Resolution be published in the Gazette of India and the State Governments of Bihar, Haryana, Madhya Pradesh, Orissa, Uttar Pradesh, Rajasthan and West Bengal be requested to publish it in the State Gazettes for general information.

*B.P. Patel*

(B.P. Patel)

Secretary to the Government of India

To

The Manager,  
Government of India Press,  
Faridabad (Haryana)

Copy to:

1. Ministry of Finance (Department of Expenditure)
2. Ministry of Finance (Department of Economic Affairs)
3. Ministry of Agriculture (Department of Agriculture)
4. Planning Commission.
5. Ministry of Railways.
6. Ministry of Transport.
7. Prime Minister's Secretariat.
8. Military Secretary to the President.
9. Comptroller and Auditor General of India.

*K. Ramesh Rao*

(K. Ramesh Rao)

Deputy Secretary to the Government of India

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## Copy for information to:

1. Secretary, Irrigation Department, Bihar, Patna.
2. Secretary, Irrigation Department, Haryana, Chandigarh.
3. Secretary, Irrigation Department, Madhya Pradesh, Bhopal.
4. Secretary, Irrigation & Power Department, Orissa, Bhubaneswar.
5. Secretary, Irrigation Department, Uttar Pradesh, Lucknow.
6. Secretary, Irrigation Department, Rajasthan, Jaipur.
7. Secretary, Irrigation & Waterways Department, West Bengal, Calcutta.
8. Chief Engineer, Irrigation, Bihar, Patna.
9. Chief Engineer, Irrigation, Uttar Pradesh, Lucknow.
10. Chief Engineer, Irrigation, West Bengal, Calcutta.

*K. Ramesh Rao*  
( K. Ramesh Rao )

Deputy Secretary to the Government of India

## Copy to:

1. P.S. to MIP.
2. P.S. to DMIP
3. P.S. to Secretary
4. P.S. to JS(I).
5. Chairman, C.W.& P.C., New Delhi.
6. Member (Floods), C.W.& P.C., New Delhi.
7. Information Officer, Ministry of I&P.
8. Editor, Bhagirath, Ministry of I&P.

*K. Ramesh Rao*  
( K. Ramesh Rao )

Deputy Secretary to the Government of India



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Speech by Dr. K.L. Rao, Union Minister  
for Irrigation & Power at the inaugura-  
tion of the Ganga Flood Control Commis-  
sion at Patna on 12.7.72

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Hon'ble Chief Minister of Bihar,  
distinguished guests, ladies and gentlemen,

You are aware that there were large scale floods in the Ganga during 1971, when heavy damage was caused. The Government of India reviewed the situation after the floods and considered that concentrated efforts are required for tackling the floods in the Ganga and its tributaries in a big way. The river being an inter-state river, it was considered necessary that an integrated plan to tackle the flood, erosion and drainage problem in the basin be drawn out. The Govt. of India has accordingly decided to set up the Ganga Flood Control Board and the Ganga Flood Control Commission.

The first meeting of the Ganga Flood Control Board was held in Delhi on 3rd June, 1972 wherein broad outlines for the programme of the Commission to be set up were discussed. I wish to give the background for the formation of the Ganga Flood Control Board and the Commission and the immediate tasks that have to be carried out in this inter-state river system in the near future.

The Ganga basin covers the States of Himachal Pradesh, Harayana, Delhi, Rajasthan, Madhya Pradesh, Uttar Pradesh, Bihar and West Bengal. The problem of floods, is however severe in the States of Uttar Pradesh, Bihar & West Bengal. Since northern bank tributaries of the river originate from the Himalayas, heavy discharges are experienced in this river during monsoon months in the plains which spillover their banks and cause heavy damages. These rivers carry heavy amount of sediment load resulting from the Himalayan catchment and consequently they tend to meander and there is a tendency of rise of bed resulting in inadequate carrying capacity of large volume of waters.

You may be aware that the Ganga Basin is the largest river Basin in India which covers about 91 million ha (207.0 million acres) out of the total area of 328 million ha of the country. The annual water resources of the basin are about 490 m.cu.meters (397 m.a. ft.) out of the total 1675 m.cu.meters (1356 m.a.ft.) for the entire country. Bulk of the damage due to the floods in the country occurs in the Ganga Basin. From the data available, it has been seen that the floods affect, on an average, 3.9 million ha. (10 million acres) annually out of which 1.9 lakh ha. is the cropped area. In monetary terms the Ganga Basin accounts for 63% of the average annual damage in the country which is Rs. 126 crores.



Flood protection measures have been taken in the basin in past mostly in the form of embankments. These efforts have been accelerated since 1954 and nearly 2856 Kms of embankments, 3900 Kms of drainage channels, 75 town protection works have been completed. In addition 4585 villages have been raised above high flood level. The works executed have benefited an area of 27 lakh ha. out of 74 lakh ha. of area which is subjected to floods in the basin. The expenditure on the works executed is of the order of Rs 10<sup>8</sup> crores.

It will be interesting to know that inspite of the measures taken so far there has been increase in the annual damage in the basin in recent years. The annual average damage during the last 18 years has been of the order of Rs 78 crores. However, the average damage for the last 3 years worked out to Rs 270 crores annually. The damage during 1971 surpassed all previous records and was Rs 550 crores in the Ganga Basin against total damage of Rs 632 crores in the entire country.

In addition to the damage there is the amount of relief measures which are required to be taken up almost every year. The average amount spent in the Ganga Basin is about 14 crores on this account. In terms of investment on the flood control works and the damage caused in the basin it will be interesting to know that while 63% of the total damage occurs in the Ganga Basin, investment in this region has been of the order of only 42%, compared to the figures of the entire country.

I had discussed the flood situation of 1971 with the Chief Ministers of Bihar and Uttar Pradesh and Governor of West Bengal in October, 1971 and the measures required to be taken. There was unanimous support to the proposal of creating a separate organisation in the Centre for tackling the problem of floods in the Basin. It was also considered necessary to implement certain schemes in the States of Uttar Pradesh, Bihar and West Bengal on a priority basis within a short time in order to substantively reduce the recurring losses. The Govt. of India also felt that the States with their limited resources may not be in a position to take up these priority works and therefore agreed to provide special assistance in the last two years of the Fourth Plan for this purpose.

The Ganga Flood Control Commission which is being inaugurated today has a big responsibility and role to play in co-ordinating the plan of works in this basin. The immediate task of the Commission will be to draw up a comprehensive plan for flood control in the basin, considering all inter-state aspects. You are aware that the proposals for the 5th Five Year Plan are to be finalized by the middle of next year. The Commission has therefore to ensure fixing up **priorities of works and selection of schemes for the 5th Plan.** It is to be appreciated that the Commission can discharge these functions only with the full co-operation of the States in the Ganga Basin.

With these introductory remarks, I will now request the Hon'ble Chief Minister to inaugurate the Ganga Flood Control Commission.



I take this opportunity to thank the Hon'ble Chief Minister for inaugurating the Commission and Hon'ble Union Minister who took keen interest in setting up this organisation. I am grateful to them for sparing their valuable time to be present on this occasion. I also thank the ladies and gentlemen present on this occasion.

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