

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. †1611
ANSWERED ON 20.12.2018

TACKLING OF FLOOD LIKE SITUATION

†1611. COL. SONARAM CHOUDHARY

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) whether there is flood like situation due to the excessive rainfall in certain States of the country because of changing pattern of monsoon during the last three years;
- (b) if so, the details thereof;
- (c) whether the Government is preparing/proposes to prepare a concrete plan to tackle flood like situation in States like Gujarat and Rajasthan; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION & PARLIAMENTARY AFFAIRS
(SHRI ARJUN RAM MEGHWAL)

(a) & (b) India Meteorological Department (IMD) has informed that repeatedly occurring floods and flood like situation in the country as a result of extreme rainfall variability at the State/District level have been experienced over India with increased frequency and intensity of heavy rainfall events in the global warming scenario for the last 30 years.

(c) & (d) The subject of flood management falls within the purview of the States. The flood management measures are planned, investigated and implemented by the State Governments with their own resources as per priority within the State. The Union Government supplements the efforts of the States by way of technical guidance and promotional financial assistance to the States in critical areas. A combination of structural as well as non-structural measures is adopted for flood management.

Flood forecasting and warning system has been planned as a non-structural measure, as advance knowledge of incoming floods plays an important role in reducing flood damage as also better planning of rescue/ relief operations. The inflow forecast helps in optimum regulation of reservoirs. Central Water Commission (CWC) is working in close association with IMD and State Governments for timely flood forecast whenever the river water level rises above warning level.

With respect to Rajasthan & Gujarat, CWC has been issuing Flood Forecast for 10 (Level forecast stations= 0+ Inflow forecast stations = 10) & 12 (Level forecast stations= 6 + Inflow forecast stations = 6) sites respectively.

In order to meet specific requirements of flood forecasting, India Meteorological Department (IMD) operates Flood Meteorological Offices (FMOs) at thirteen locations viz., Agra, Ahmedabad, Asansol, Bhubaneswar, Guwahati, Hyderabad, Jalpaiguri, Lucknow, New Delhi, Patna, Srinagar, Bengaluru and Chennai. Apart from this, IMD also supports Damodar Valley Corporation (DVC) by providing Quantitative Precipitation Forecast (QPF) for Damodar river basin areas for their flood forecasting activities.

CWC at present is issuing flood forecast for 249 flood forecasting stations, of which 174 are level forecasting and 75 are inflow forecasting stations on major dams/barrages. It covers all major river systems in the country covering 22 States and one Union Territory-Daman & Diu and the National Capital Territory of Delhi.
