

GOVERNMENT OF INDIA  
MINISTRY OF WATER RESOURCES,  
RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 4374**  
ANSWERED ON 22.03.2018

**LATEST TECHNOLOGY FOR FLOOD FORECASTING STATIONS**

4374.           SHRI M. RAJA MOHAN REDDY

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

- (a) whether the Government has acquired any latest technology and installed it at flood forecasting centres in the country; and
- (b) 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) Yes, Madam. Central Water Commission (CWC) under the Ministry of Water Resources, River Development and Ganga Rejuvenation has installed sensor based automatic data acquisition and satellite based transmission system at 126 flood forecasting stations out of existing 226 flood forecasting stations in the country.

Rainfall Runoff model has been developed for 19 river basins covering 22 States/Union Territories and 226 Flood Forecasting Stations to provide flood advisories with three days lead time. Further inundation forecast model for Mahanadi delta using 2-D modelling technology and high resolution Digital Elevation Model (DEM) has been developed and sent to the Government of Odisha for verification.

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