

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
STARRED QUESTION NO. *397
ANSWERED ON 22.03.2018

FLOOD FORECASTING STATIONS

*397. SHRI PRATHAP SIMHA

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

- (a) whether the Central Water Commission (CWC) is the nodal organization entrusted with the task of flood forecasting and early flood warnings in the country and if so, the details thereof;
- (b) the number of flood forecasting stations established in the country so far, State-wise;
- (c) the number of stations modernized with automatic data collection and transmission systems so far;
- (d) whether the Government has decided to establish more flood forecasting stations as part of its e-Surface Water Information System (e-SWIS) for timely dissemination of flood forecast and if so, the details thereof; and
- (e) the number of States/UTs including river basins covered under the existing flood forecasting network?

ANSWER

THE MINISTER OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION, ROAD TRANSPORT & HIGHWAYS AND SHIPPING

(SHRI NITIN JAIRAM GADKARI)

(a) to (e) A statement is laid on the table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (E) OF STARRED QUESTION NO *397 TO BE ANSWERED IN LOK SABHA ON 22.03.2018 REGARDING FLOOD FORECASTING STATIONS.

(a) & (b) Yes, Madam. Central Water Commission (CWC) under the Ministry of Water Resources, River Development and Ganga Rejuvenation has been listed as the nodal organization for flood forecasting in the country by the Ministry of Home Affairs (MHA) / National Disaster Management Authority (NDMA). Presently, there are 226 flood forecasting stations consisting of 166 level forecasting stations for villages & towns and 60 inflow forecasting stations for dams in the country. State-wise distribution of the existing 226 flood forecasting stations is available at **Annexure**.

(c) Out of 226 flood forecasting stations, 126 flood forecasting stations have been modernized so far with automatic real-time data collection & satellite based transmission (telemetry) system.

(d) Expansion of flood forecasting network is a continuous process. It has been planned to expand flood forecasting network from the existing 226 stations to 325 flood forecasting stations by March 2020.

Flood forecast / advisories with lead time of 24 / 72 hours are disseminated to concerned beneficiaries including State Disaster Management Authority (SDMA), District Disaster Management Authority (DDMA), Project Authorities, etc., in the shortest possible time after formulation of flood forecast through email/ fax/ SMS and website. The dissemination of flood forecast is also done through Online Surface Water Information System (e-SWIS).

(e) Existing flood forecasting network of 226 stations of CWC covers 20 States & 2 Union Territories and 19 River basins.

Annexure

Annexure referred to in reply to parts (a) & (b) of Starred Q.No. *397 to be answered in Lok Sabha on 22.03.2018 regarding “Flood Forecasting Stations”.

State-wise Existing Flood Forecasting Stations of CWC

Sl. No.	Name of States/UTs	Number of flood forecasting Stations		
		Level	Inflow	Total
1	Andhra Pradesh	7	7	14
2	Arunachal Pradesh	2	0	2
3	Assam	29	0	29
4	Bihar	34	0	34
5	Chhattisgarh	1	0	1
6	Gujarat	6	6	12
7	Haryana	0	1	1
8	Jammu & Kashmir	3	0	3
9	Jharkhand	2	5	7
10	Karnataka	1	9	10
11	Madhya Pradesh	2	2	4
12	Maharashtra	7	3	10
13	Odisha	11	2	13
14	Rajasthan	0	3	3
15	Tamil Nadu	0	10	10
16	Telangana	4	6	10
17	Tripura	2	0	2
18	Uttar Pradesh	38	2	40
19	Uttarakhand	3	1	4
20	West Bengal	11	3	14
21	Dadra & Nagar Haveli	1	0	1
22	NCT of Delhi	2	0	2
	Total	166	60	226