

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION  
**RAJYA SABHA**

**UNSTARRED QUESTION NO. 2318**

ANSWERED ON 16.12.2024

**LAUNCH OF FLOOD WATCH INDIA APP 2.0**

2318. DR. PARMAR JASHVANTSINH SALAMSINH  
DR. SUMER SINGH SOLANKI

Will the Minister of **JAL SHAKTI** be pleased to state:

- (a) the aims and objectives of the Flood Watch India App 2.0;
- (b) whether there is any significant increase from the number of stations covered in its initial launch;
- (c) whether the App uses any advance technology to provide accurate flood forecast; and
- (d) if so, the details thereof?

**ANSWER**

**THE MINISTER OF STATE FOR JAL SHAKTI**  
(SHRI RAJ BHUSHAN CHOUDHARY)

(a) The aim of the Flood Watch India App is to provide near real time flood information available at the monitoring/Flood Forecast (FF) stations of CWC and further disseminate the formulated river forecast at FF stations of CWC to the general public and other government stakeholders to make timely decisions for disaster preparedness. Its objectives are:

- to provide information of current flood situation at monitoring/FF stations of CWC
- to disseminate formulated short range and 7-day advisory level forecast for FF stations of CWC
- to provide information in multiple formats (readable and audio) and languages (Hindi and English)
- to provide information of storage positions of 150 major reservoirs with Pan-India coverage.

(b) The number of stations showing information of current flood condition has been increased from 200 to 592 since its initial launch. Further, this version also provides additional information regarding the storage positions of 150 major reservoirs in the country which shall help in better understanding of the possible flood situation in their downstream areas.

(c) & (d) The Flood Watch App is a visualization/dissemination tool that fetches current flood information & formulated forecast i.e. information predicted through gauge-to-gauge correlation (short range) and mathematical modeling (7-day flood advisory). It is built for both Android and iOS users.

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