

**GOVERNMENT OF INDIA  
WATER RESOURCES  
LOK SABHA**

UNSTARRED QUESTION NO:2043

ANSWERED ON:11.08.2011

FLOOD FORECASTING

Naik Dr. Sanjeev Ganesh;Patil Shri Sanjay Dina ;Tandon Annu

**Will the Minister of WATER RESOURCES be pleased to state:**

- (a) whether the Government is considering to evolve a real time flood forecasting technology using INSAT satellites;
- (b) if so, the details thereof;
- (c) whether the Flood Forecast Monitoring Directorate has reported that some rivers are flowing above the warning level in Assam & Bihar;
- (d) if so, the details thereof; and
- (e) the precautionary steps being taken by the Government in this regard?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES & MINORITY AFFAIRS (SHRI VINCENT H. PALA)

(a) Yes, Sir.

(b) Central Water Commission (CWC) is modernizing its Flood Forecasting Network using INSAT satellites based on real time telemetry system for collection & transmission of Hydrometeorological data. So far 223 stations have been installed and another 222 stations are under installation.

(c) Yes, Sir.

(d) During current monsoon, rivers Brahmaputra, Jibharali, Beki, Dhansiri (South), Barak, Katakhal, Kopili, Desang, Dikhow, Burhi Dihing, Puthimari, Subansiri, Sankosh, Manas flowed above warning level in Assam till now. Rivers Ganga, Ghaghra, Gandak, Burhi Gandak, Bagmati, Adhwara group, Kosi, Mahananda, Sone, Kamala Balan flowed above warning level in Bihar.

(e) The CWC has been issuing flood forecasts to different user agencies such as Revenue & Disaster Management Departments, District Administration, Irrigation and Water Resources Department of respective states as well as to Central agencies such as Railways, Defence, Ministry of Home Affairs, Public Sector Undertakings for planning/ taking appropriate measures.