

**GOVERNMENT OF INDIA
MINISTRY OF HOME AFFAIRS**

**RAJYA SABHA
UNSTARRED QUESTION NO. 1191**

TO BE ANSWERED ON THE 29TH JULY, 2026/ SHRAVANA 7, 1948 (SAKA)

SMART DISASTER AND EMERGENCY RESPONSE CENTRES IN ASSAM

1191 SHRI TERASH GOWALLA:

Will the Minister of HOME AFFAIRS be pleased to state:

- (a) whether Government proposes to establish Smart Integrated Disaster and Emergency Response Centres in flood-prone districts of Assam;**
- (b) whether Artificial Intelligence-based flood forecasting systems are proposed;**
- (c) the financial support proposed for the project; and**
- (d) the districts likely to be covered?**

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS
(SHRI NITYANAND RAI)**

(a) to (d): The Central Government has established Integrated Control Room for Emergency Response (ICR-ER) that is connected with all States, and Districts of the Country for dissemination of alerts for various disasters, including floods. At present, all the District Disaster Management Authorities (DDMAs) in Assam have round the clock (24X7) operational District Emergency Operation Centre (DEOC) for disaster management, including receiving alerts from alert generating agencies such as India Meteorological Department (IMD) and Central Water Commission (CWC). Integrated Artificial

Intelligence (AI)/Machine Learning (ML) models have been deployed by these organizations for weather forecasting upto seven-day advance predictions, including AI driven simulations for flood forecasting (up to seven days ahead) and cyclone tracking, as part of Mission Mausam.

Under Phase-II of the Urban Flood Risk Management Project (UFRMP), Government of India has approved Guwahati's proposal for ₹200 crore (comprising a ₹180 crore National Disaster Mitigation Fund (NDMF) share and a ₹20 crore State share), which outlines 11 urban flood mitigation measures (8 structural and 3 non-structural). Among these, a ₹20 crore project has been allotted for non-structural measures that includes smart early warning response frameworks.

Further, Assam State disaster management authority has developed flood early warning system with the support of North Eastern Space Application Centre (NESAC) based on Hydro-meteorological Forecasting Model. The Flood Early Warning System covers the entire State.
