Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether the Government is formulating any scheme for expansion and development of national level institutions to promote earth sciences;

(b) if so, whether any such Institution is proposed to be setup in Karnal, Haryana;

(c) whether there is any proposal to bring technological advancement to enhance the efficacy of the warning systems of the country; and

(d) if so, the details thereof?

ANSWER

MINISTER FOR SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(DR. HARSH VARDHAN)

(a) & (b) No Sir.

(c) & (d) Yes Sir. Enhancing the efficacy of the warning system is a continuous process and the Ministry of Earth Sciences (MoES) strives to bring-in the latest technological advancements so as to meet the benchmarks worldwide. Some of the proposals are:

- Installation and commissioning of Doppler Weather Radars (DWRs) over NW Himalayas.
- Automated Weather Observing System (AWOS) and Automatic Weather stations (AWS) for agromet/aviation weather services, tourism forecasts and some cities/schools.
- Establishment of state-of the-art climate data centre with integrated advanced climate data services portal for rendering national and regional climate services.
- Research and Development in Global/Regional modeling and Data Assimilation.
- Setting up of District Agro Met Units (DAMU) and Agrometeorological advisory Services at block level.
- Infrastructure development at the Research testbed site in Bhopal
- HPC upgradation.
- Strengthening of atmospheric observational network over NE India.

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