

**GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA**

UNSTARRED QUESTION NO:3652
ANSWERED ON:18.03.2015
AUTOMATIC WEATHER STATIONS
Kumar Dr. Virendra ;Mahato Shri Bidyut Baran

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) the details of Automatic Weather Stations (AWSs) installed in the country including Jharkhand, location and State- wise;
- (b) the extent to which these AWSs have been able to predict monsoon rainfall and extreme weather events on short to medium range time scale in the country including in Jharkhand;
- (c) whether the Government proposes to install some more AWSs;
- (d) if so, the details thereof and the time by which the same are likely to be installed along with the locations identified therefor; and
- (e) the details of funds allocated/being allocated for the purpose?

Answer

MINISTER OF STATE FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTRY OF EARTH SCIENCES (SHRI Y.S. CHOWDARY)

- (a) Yes Madam. Earth System Science Organization–India Meteorological Department (ESSO-IMD) has installed 675 AWS across the country in different states including 14 AWS in the state of Jharkhand. The state-wise details of AWS installed in different states are given in Annexure-1.
- (b) Observational data generated by various observing systems including AWS are assimilated in to global/regional/meso-scale forecast models to generate medium (3-10 days in advance)/short (1-3 days in advance)/local range (1-2 days in advance) forecasts. In addition, real time monitoring of realized weather at the local scale is carried out to issue severe weather warning.
- (c-d) Augmentation of the observing system networks including AWS network is a continuing process that shall be taken up as per the emerging needs from time to time.
- (e) An overall allocation of Rs. 700 crore is made for the sustenance of whole range of observing systems including AWS for the 12th plan.