

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
STARRED QUESTION NO. 127
ANSWERED ON 14/12/2023

INSTALLATION OF DOPPLER WEATHER RADARS IN KARNATAKA

***127. SHRI JAGGESH:**

Will the Minister of **Earth Sciences** be pleased to state:

- (a) whether it is a fact that all weather predictions pertaining to Karnataka are presently being made using radars from the neighbouring States;
- (b) whether due to distance factor and the limited radar image resolution, the weather predictions are not accurate;
- (c) whether steps are being taken to procure and install new Doppler Weather Radars in the State;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor?

ANSWER
THE MINISTER OF EARTH SCIENCES
(SHRI KIREN RIJU)

(a) to (e): A Statement is laid on the Table of the House.

STATEMENT LAID ON THE TABLE OF THE RAJYA SABHA IN REPLY TO (a) to (e) OF STARRED QUESTION NO. *127 REGARDING “INSTALLATION OF DOPPLER WEATHER RADARS IN KARNATAKA” TO BE ANSWERED ON DECEMBER 14, 2023

- (a) Yes Sir. Radars installed at Goa, Hyderabad, Mumbai, Veravali and Nagpur are partially covering the State of Karnataka.
- (b) No Sir. The weather predictions are made using both in-situ and remote sensing observing systems. The data from these observational systems are assimilated in the atmospheric models to generate real time weather forecasts at various spatial and temporal scales. Radar is one of the remote sensing components of the observing system.
- (c)-(e) Yes Sir. Some of the regions are not covered by the present network and hence procurement of two more Doppler Weather Radars (DWRs) to be installed at Mangalore and Bangalore in the State of Karnataka is under process, so that entire Karnataka is covered by radar network.
