

**GOVERNMENT OF INDIA  
SCIENCE AND TECHNOLOGY  
LOK SABHA**

UNSTARRED QUESTION NO:1499  
ANSWERED ON:01.08.2000  
DOPPLER RADARS  
UMMAREDDY VENKATESWARLU

**Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:**

- (a) whether the Government have received requests from various States to install Doppler Radars by the India Meteorological Department on the East Coast;
- (b) if so, the details thereof, State-wise;
- (c) the time by which the Doppler Radars are likely to be installed;
- (d) whether any Doppler Radars have already been installed on the East Coast; and
- (e) if so, the details thereof?

**Answer**

MINISTER OF STATE FOR SCIENCE AND TECHNOLOGY (SHRI BACHI SINGH RAWAT)

(a) & (b) The Government has not received any formal request from any State to install Doppler Weather Radars (DWR) on the East Coast. The Andhra Pradesh Government has, however, been pursuing the installation of Doppler Weather Radars along the East Coast with this Department. The India Meteorological Department is in the process of replacing existing Cyclone Detection Radars by Doppler Weather Radars on the East Coast of India at the following places: Calcutta, Paradip, Visakhapatnam, Machilipatnam and Chennai and also installing one at Sriharikota.

(c) The Radars at Calcutta, Chennai and Sriharikota are likely to be installed in 2001 and the remaining three in 2002.

(d) No, Sir.

(e) Question does not arise.

and Emergency Cyclone Recovery Project, steps have been initiated to procure three more Doppler Weather Radars.

A Doppler Weather Radar has been developed by ISRO, for installation at Sriharikota.

The Doppler Weather Radars will provide additional information on the structure of the wind field of tropical cyclones which will improve the intensity estimation and prediction of storm surges.

(d) India Meteorological Department has six Cyclone Warning Centres (CWCs) in operation along the east and west coasts of the country covering the coastal areas of all maritime States. These centres are located at Calcutta, Bhubaneswar, Visakhapatnam, Chennai, Mumbai and Ahmedabad. These centres provide a proven and reliable system for cyclone warning and its dissemination to different Government functionaries, public and other users. The present set up of Cyclone Warning Centres is found adequate and no necessity is felt for establishing new centres at Nagapattinam and Rameswaram in Tamilnadu, which are already covered by IMD's Area Cyclone Warning Centre at Chennai.