

**GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA**

UNSTARRED QUESTION NO:2802
ANSWERED ON:14.03.2013
MODERNISATION OF DOPPLER RADAR
Sardinha Shri Francisco

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether the Government has initiated any modernisation scheme for deploying Doppler Radars; and
- (b) if so, the details thereof and if not, the reasons therefor?

Answer

MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTRY OF EARTH SCIENCES (SHRI S. JAIPAL REDDY)

(a) Yes Madam. Establishment of Doppler Weather Radar (DWR) network is part of the overall modernization of observing systems, communication, analysis-visualization-product dissemination systems, High Performance Computing systems, and operational forecast systems of the Earth System Science Organization – India Meteorological Department (ESSO-IMD).

(b) As of now, 17 S/C-Band DWRs are commissioned at Chennai, Sriharikota, Machilipatnam, Visakhapatnam, Kolkata, Mumbai, Bhuj, Hyderabad, Nagpur, Patiala, Delhi Palam, Lucknow, Patna, Mohanbari, Agartala, Delhi Lodi Road and Jaipur. DWR at Bhopal is under commissioning. In a phased manner, the expansion of the DWR network to cover the whole country needs to be taken up as sustenance of such country wide networks demands augmentation of massive infrastructure (land/office/line of sight elevated tower), support service systems (power/cooling/ water/spares & services/ operating frequency clearance/security clearance, manpower etc.) across various states/UTs.