

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION NO.86
TO BE ANSWERED ON 19TH NOVEMBER, 2009

FORECAST PLAN FOR COMMONWEALTH GAMES

86. SHRI N. R. GOVINDARAJAR

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether the Indian Meteorological Department has drawn up elaborate plans for the Commonwealth Games 2010 and install sophisticated equipments at all games venues and also in games villages to provide accurate information and forecast;
- (b) if so, the details thereof;
- (c) number of Automatic Weather Stations (AWS) that are likely to be installed to monitor air quality and forecast;
- (d) whether Indian Institute of Tropical Meteorology (IITM), Pune also likely to set up number of monitoring stations for the Commonwealth Games 2010; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF STATE (INDEPENDENT CHARGE)
MINISTRY OF SCIENCE AND TECHNOLOGY, MINISTRY OF EARTH SCIENCES,
MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE, MINISTER OF STATE IN
THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND MINISTER
OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS
(SHRI PRITHVIRAJ CHAVAN)

- (a) Yes Sir.
- (b)–(c) Details of the sophisticated equipments at all games venues to provide accurate information and forecast include
 - i) Automatic Weather Stations (AWS) – 60 Nos.
 - ii) Doppler Weather Radar (DWR) – 1 No.
 - iii) Wind Profilers – 3 Nos.
 - iv) Microwave Radiometer (1 No.)
 - v) Sky Radiometer (3 Nos.)
 - vi) GPS Sonde (1 No.)
- (d) Yes Sir.
- (e) A System for Air Quality Forecasting and Research (SAFAR) for Commonwealth Games 2010 is being commissioned with 10 air quality monitoring stations located around Delhi measuring 8 potential parameters (Carbon Monoxide; Benzene; Ozone; Oxides of Nitrogen; Black Carbon; Particulate Matter; Carbon Dioxide). SAFAR will generate real time display of Air Quality Indices (AQI) in text, graphics & animated format along with AQI 24-hr forecast outlooks at various locations surrounding the Commonwealth Games-2010 venues.
