

- Periodic maintenance of the AWS sites.

(c) and (d) Yes, Sir. Quality control is rigorously carried out at ground station after receiving the hourly weather data prior to its utilization in the assimilation and forecast system in real time.

#### **Modernisation of IMD**

17. SHRI K.R. ARJUNAN: Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether it is a fact that Government has set a target to modernize Indian Meteorological Department (IMD) before the next monsoon to give an accurate forecaster for the nation and if so, the details thereof;

(b) whether it is also a fact that the present equipments of IMD are obsolete, requiring replacement; and

(c) if so, the steps taken by Government in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES (SHRI Y. S. CHOWDARY): (a) No, Sir.

(b) No, Sir.

(c) Does not arise.

#### **Transfer of data into clouds by IMD**

18. SHRI K.R. ARJUNAN: Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether it is a fact that the India Meteorological Department (IMD) is looking to transfer its massive troves of data into the clouds;

(b) whether it is also a fact that the idea is to have more centralized control with its regional centres across the country and to be able to make it easier for research arms to access weather related data; and

(c) whether IMD would require data storage in the order of 5 petabytes that works out to about 500,000 GB and if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES (SHRI Y. S. CHOWDARY): (a) Yes, Sir.