

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
QUESTION NO 07.03.2011
ANSWERED ON
MODERNISATION OF IMD .

1146

Shri Anil Madhav Dave

Will the Minister of COALEARTH SCIENCES be pleased to state :-

- (a) what is the status of Indian Meteorological Department's (IMD) modernization programme;
- (b) whether the targets have been achieved for automation of weather observation system across the country; and
- (c) if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS, MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES

(SHRI ASHWANI KUMAR)

(a)Phase-I of the IMDs modernisation programme is currently under implementation.

(b)No Sir. Procurement of all observing systems except Wind Profilers has been completed. Due to certain unforeseen reasons related to the land acquisition/civil works in some states, the commissioning of the advanced observation systems is not completed.

(c) Major components of the Phase-I of the IMDs modernisation programme that are successfully accomplished so far include, a) expansion of digital communication and data base integration system; b) commissioning of High Performance Computing (HPC) systems for operating global/regional/coupled ocean-atmospheric models at IMD, Indian Institute of Tropical Meteorology (IITM), Pune, Indian National Centre for Ocean Information Services (INCOIS), Hyderabad and National Centre for Medium Range Forecasting (NCMRWF), NOIDA, c) assimilation of satellite data into global/regional forecast systems; d) commissioning systems for improved visualization/graphical, public weather/early warning services; e) implementation of district level agro-advisory services etc.

Details of the ongoing commissioning phase of the advanced observational systems are given below:

Observational Instrument Number planned for Phase I Achievement till 28th February, 2011

Automatic Rain Gauges (ARG)	1350	364
Automatic Weather Stations (AWS)	550	494
Doppler Weather Radar (DWR)	16	3
Wind Profiler	7	In progress
Pilot Balloon	70	65
Aeronautical Instrumentation	28	8
Upgraded RS/RW	25	11