

**GOVERNMENT OF INDIA  
EARTH SCIENCES  
LOK SABHA**

UNSTARRED QUESTION NO:4335  
ANSWERED ON:19.12.2012  
NATIONAL MONSOON MISSION  
Natarajan Shri P.R.

**Will the Minister of EARTH SCIENCES be pleased to state:**

- (a) the aims and objectives of the newly launched National Monsoon Mission (NMM);
- (b) the budgetary provisions made and released therefrom after the inception of the NMM; and
- (c) the total number of Automatic Weather Stations (AWS) installed in the country so far and the number of AWS planned to be installed, State-wise?

**Answer**

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

(a) The aims and objectives of the National Monsoon Mission are

i) To set up a state-of-the-art dynamical prediction system for a) improved prediction of monsoon rainfall on extended range to seasonal time scale (16 days to one season) and b) improved prediction of temperature, rainfall and extreme weather events on short to medium range time scale (up to 15 days).

ii) To build a working partnership between the academic and research organizations, both national and international and the operational agencies in the country to improve the skill of operational monsoon forecasts over the country.

(b) The budgetary provisions made and released there from after the inception of the NMM and The overall budgetary allocation for the NMM is Rs 400.0crores for five years (2012-2017). During the current financial year, already Rs 8.45crore was released to support research projects and purchase of computing resources.

(c) Since 2006, Government has installed 675 Automatic Weather Stations (AWSs) across the country. State-wise distribution is given below:

State No. of AWS installed under Modernization during Project Phase-I No. of AWS installed 2006-07 TOTAL

Andhra Pradesh	22	13	35
Arunachal Pradesh	7	9	16
Assam	26	1	27
Bihar	28	0	28
Chhattisgarh	18	1	19
Goa	1	1	2
Gujarat	26	10	36
Haryana	25	1	26
Himachal Pradesh	22	1	23
Jammu and Kashmir	15	0	15
Jharkhand	14	2	16
Karnataka	21	5	26
Kerala	10	5	15
Madhya Pradesh	48	4	52
Maharashtra	36	12	48
Manipur	10	0	10
Meghalaya	7	0	7
Mizoram	8	0	8
Nagaland	7	3	10
Orissa	30	7	37
Punjab	24	2	26
Rajasthan	35	7	42
Sikkim	3	1	4
Tamil Nadu	17	10	27
Tripura	4	0	4

Uttar Pradesh	45	8	53
Uttarakhand	12	7	19
West Bengal	17	10	27
Andaman and Nicobar	0	1	1
Chandigarh	1	0	1
Dadar and Nagar	0	0	0
Daman and Diu	1	1	2
Delhi	10	1	11
Lakshadweep	0	1	1
Puducherry	0	1	1
TOTAL	550	125	675

It is proposed to install 215 AWS in various states of Himalayan region.

States	Automatic Weather Station (AWS)	Mobile-Automatic Weather Station (M-AWS)
--------	---------------------------------	--

J & K	20	10
HP	20	10
UK	20	10
Sikkim	16	3
SHWB	04	2
TOTAL	80	35

States	Automatic Weather Station (AWS)	Mobile-Automatic Weather Station (M-AWS)
--------	---------------------------------	--

Arunachal Pradesh	10	5
Assam	20	5
Meghalaya	10	2
Nagaland	10	2
Manipur	10	2
Mizoram	10	2
Tripura	10	2
TOTAL	80	20