

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION No. 1657
TO BE ANSWERED ON WEDNESDAY, FEBRUARY 13, 2019**

AWSs IN KERALA

1657. SHRI ANTO ANTONY:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) the salient features of the Automated Weather Stations (AWSs) being installed by the India Meteorological Department (IMD) in the country;**
- (b) the details of functional AWSs in the State of Kerala, location-wise;**
- (c) whether it is a fact that the Government has recently received proposal from the State Government of Kerala seeking the installation of AWSs to predict weather conditions in the State; and**
- (d) if so, the details thereof and the response of the Government thereto?**

ANSWER

**MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(DR. HARSH VARDHAN)**

- (a) The salient features of Automatic Weather Stations (AWS) are given below:**
 - (i) The AWS system can be programmed to deliver data at user defined temporal and spatial resolution depending on the need and application.**
 - (ii) The AWS can be deployed at remote and inhospitable locations to obtain meteorological observations.**
 - (iii) Satellite telemetry based AWS are able to provide data even during severe weather conditions when all other communication links may fail.**
 - (iv) Of late mobile telemetry based AWS are being deployed at field sites owing to better network coverage across the country. These systems can be configured remotely for user defined measurement schedule.**

- (b) **The details of functional AWSs in the State of Kerala are given in the table below;**

S.N.	DISTRICT	STATION
1	ALAPPUZHA	KAYAMKULAM
2	IDUKKI	MUNNAR
3	IDUKKI	VAZATHOPE
4	KASARGOD	KUDULLUR_AGRO
5	KOTTAYAM	KUMARAKOM_AGRO
6	PALAKKAD	PALAKKAD
7	THIRUVANANTHAPURAM	VELLAYANI
8	THRISSUR	VELLANIKKARA
9	WAYANAD	AMBALAVAYAL_AGRO

- (c) **Yes, a proposal for installation of 100 AWS has been received from the State Government of Kerala.**
- (d) **India Meteorological Department has recently taken up a project for procurement and installation of 100 AWSs for installation in the state of Kerala.**
