

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION NO. 5336
TO BE ANSWERED ON WEDNESDAY, 5TH APRIL, 2023**

INSTALLATION OF DOPPLER RADARS

5336. SHRI SUDHAKAR TUKARAM SHRANGARE:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether the Government has made efforts to install doppler radars that provide correct weather information to the common farmers in the country to reduce the loss of unseasonal or untimely rain or to eliminate losses;
- (b) if so, the detailed account of how many such doppler radars have been installed in the country so far;
- (c) whether the Government has installed such radars in any part of the country in the last four to five years;
- (d) if so, the details thereof, State-wise especially in the State of Maharashtra; and
- (e) whether the Government has been demanding X-BAND Doppler radar for Marathwada region of Maharashtra for a long time, if so, the action taken by the Government so far in this regard and the time by which it is likely to be established?

ANSWER

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR
MINISTRY OF SCIENCE AND TECHNOLOGY
AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

- (a) Yes Sir. India Meteorological Department (IMD) is already maintaining a well established Doppler Weather Radar (DWR) network to support weather forecasting services.
- (b) IMD has installed and operating a network of 37 DWRs across the country.
- (c) & (d) Since 2017, 13 DWRs have been installed at different parts of the country and the details are given in Annexure.
- (e) A C-Band Radar is proposed to be installed in Aurangabad in the Marathwada region of Maharashtra. For this purpose, site selection for installation is in process.

ANNEXURE

List of Doppler Weather Radar installed in last Five years.

| <i>S. No.</i> | <i>Name of Station</i> | <i>DWR type</i> | <i>Commissioned on</i> |
|---------------|---|----------------------|--|
| 1. | Kochi (Kerala) | S-Band | 12.07.2017 |
| 2. | Sriharikota (ISRO), Andhra Pradesh | S-Band | April 2018 |
| 3. | Mukteshwar (Uttarakhand) | X-Band | 30.09.2020 |
| 4. | Sonmarg (Ladakh) Shifted to Leh (Ladakh) | Transportable X-Band | 26.10.2020 shifted to Leh with effect from 28.10.2021 |
| 5. | Kufri (Himachal Pradesh) | X-Band | 07.12.2020 |
| 6. | Jammu (Jammu & Kashmir) | X-Band | 24.08.2021 |
| 7. | Aya Nagar (Delhi) | X-Band | 09.10.2021 |
| 8. | Chennai NIOT (Tamil Nadu) | X-Band | 22.12.2021 |
| 9. | Mumbai Veravali (Maharashtra) | C-Band | 31.12.2021 |
| 10. | Surkanda Devi (Uttarakhand) | X-Band | 28.03.2022 |
| 11. | Banihal Top (Jammu & Kashmir) | X-Band | 01.09.2022 |
| 12. | Jot (Himachal Pradesh) | X-Band | 31.12.2022 |
| 13. | Murari Devi (Himachal Pradesh) | X-Band | 21.01.2023 |
