

Please find enclosed information collected from the several Concerned Officers to RTI queries (RTI application No. IMETD/R/T/22/00006 dated 28.03.2022 transferred from IMD).

1. How many weather satellites are operated by Government of India? Please share details of each.

Reply: IITM Pune is an autonomous research organization focusing on atmospheric research and this question is not pertaining to IITM Pune.

2. For how long is weather satellite data stored by Government of India? Please indicate a timeline.

Reply: Information not available with IITM Pune and it may be better provided by ISRO and IMD.

3. How can one access past data gathered by weather satellite (for example - if one wants to access data gathered by weather satellites in 2020 and 2021)? Please share all relevant links and contacts.

Reply: This is not pertaining to IITM, Pune. Applicant may please contact ISRO and IMD for data access.

4. How many Doppler weather radars are operated by Government of India? Please share location details of each.

Reply: IITM Pune operates 3 weather radars for deployed for atmospheric research in Silkheda (near Bhopal) and Solapur, Maharashtra.

5. For how long is Doppler weather radar data stored by Government of India? Please indicate a timeline.

Reply: IITM Pune stores DWR data from 2012-2018 (Near Pune, Western Ghats), 2021 (in Silkheda). C-band radar was operated from June to September of 2018 and July to October 2019 and is stored at IITM and Solapur, Maharashtra.

6. How can one access past data gathered by Doppler weather radar (for example - if one wants to access data gathered by Doppler weather radar in 2020 and 2021)? Please share all relevant links and contacts.

Reply: A data request may be sent to IITM and will be made available by accessing our data centre. Data requests can be made to IITM.

7. Where can one find soil sample test results for Indian cities like Delhi, Mumbai and Kolkata for last 5 decades?

Reply: Various tests are done on soil samples; these may be physical, chemical, or biological. What kind of test results the questioner wants is not clear. At IITM, we measure soil CO2 emissions in a few forest environments, not in urban areas. The exact information is not directly available with IITM Pune.

8. Where can one find rainwater sample test results for Indian cities like Delhi, Mumbai and Kolkata for last 5 decades?

Reply: Rainwater can have several properties, such as rain chemistry or rain isotopes. Long-term isotopic records are available in Delhi. They are also available in Mumbai and Kolkata. This information is not directly available with IITM Pune.