

## RTI REQUEST DETAILS (आरटीआई अनुरोध विवरण)

Registration Number (पंजीकरण संख्या) :	IMETD/R/E/21/00069	Date of Receipt (प्राप्ति की तारीख) :	24/02/2021
Type of Receipt (रसीद का प्रकार) :	Online Receipt	Language of Request (अनुरोध की भाषा) :	English
Name (नाम) :	Uday Shankar Mishra	Gender (लिंग) :	Male
Address (पता) :	Yamu Niwa, Plot No.3, 3rd.floor, VIJAYANAD SOCIETY, Ring road, Narendra Nagar, Near BPLC Pump, NAGPUR, Pin:440015		
State (राज्य) :	Maharashtra	Country (देश) :	India
Phone Number (फोन नंबर) :	Details not provided	Mobile Number (मोबाइल नंबर) :	+91-9777167750
Email-ID (ईमेल-आईडी) :	udayshankar_m@yahoo.com		
Status (स्थिति) (Rural/Urban) :	Urban	Education Status :	Above Graduate
Is Requester Below Poverty Line ? (क्या आवेदक गरीबी रेखा से नीचे का है?) :	No	Citizenship Status (नागरिकता) :	
Amount Paid (राशि का भुगतान) :	10 (original recipient)	Mode of Payment (भुगतान का प्रकार) :	Payment Gateway
Does it concern the life or Liberty of a Person? (क्या यह किसी व्यक्ति के जीवन अथवा स्वतंत्रता से संबंधित है?) :	No (Normal)	Request Pertains to (अनुरोध निम्नलिखित संबंधित है) :	

Dear Sir,

With due respect, I would like to request you to provide me few details in connection to Thunder and lightning under RTI petition. Please find the following question which are to be answer from the concerned department in detail as given below:-

1. Why does lightning happens?
2. What type of Detector is used for detecting a lightning? (a) a ground based system using multiple Antenna system (b) mobile system using a direction and a sense Antenna (c) Space based system.
3. Is lightning detected by thunder or lightning itself? Hearing distance of thunder is just 8 to 11KM.
4. What is its radial range of the lightning detecting system?
5. Lightning is measured in mega Jules and also mega Jules per minute. What is the minimum intensity of lightning that the system detects?
6. If there is a lightning at a distance beyond the radial range of the detecting system how is detected and recorded?
7. Is Lightning always published on a day to basis in the Metrological Report?
8. Is there any sensing system that can forecast a future lightning? If there is any how early can it forecast?

Your kind support and feed-back will be highly appreciable and regarded.

With thanks & regards,

Uday Shankar Mishra  
7888008531  
9777167750

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**File No: I/40/2020/Met Data**  
**Government of India**  
**India Meteorological Department**  
**O/o Director General of Meteorology,**  
**SatMet Building, India Meteorological Department, Lodhi Road, New Delhi**

Dated: 04/03/2021

To

Shri Uday Shankar Mishra  
 Yamu Niwa, Plot No.3, 3rd.floor, VIJAYANAD SOCIETY  
 Ring road ,Narendra Nagar, Near BPLC Pump  
 NAGPUR  
 440015

**Registration Number : IMETD/R/E/21/00069**

Dear Sir/Madam

I am to refer to your Request for Information under RTI Act 2005, received vide letter dated 24/02/2021 and to say that *the information pertaining to your query as received from the concerned section of this office is annexed herewith..*

In case, you want to go for an appeal in connection with the information provided, you may appeal to the Appellate Authority indicated below within ***thirty days*** from the date of receipt of this letter.

**Dr. Vijay Kumar Soni**  
 FAA & Scientist - F  
 Address: O/o DGM, India Meteorological Department Mausam Bhawan, Lodi  
 Road New Delhi  
 Phone No.: 011-43824440

**Yours faithfully**

( **Dr. A K Mitra**  
**CPIO & Scientist-E**  
**Phone No.: 43824489**  
**Email : imd.rti@gmail.com**