

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION NO. 784
TO BE ANSWERED ON WEDNESDAY, 7TH FEBRUARY, 2024**

THUNDERSTORM RESEARCH

784. SHRIMATI CHINTA ANURADHA:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether the Government intends to establish a basic observational network for Thunderstorm Research Testbed in Eastern part of India;
- (b) if so, the details thereof;
- (c) the scheduled timeline for its completion;
- (d) the benefits proposed in this respect; and
- (e) the additional measures to be taken in this regard?

**ANSWER
THE MINISTER OF EARTH SCIENCES
(SHRI KIREN RIJU)**

- (a)-(b) Yes Sir. The Thunderstorm Research Testbed project is proposed to be centred over southern parts of Gangetic West Bengal, East Jharkhand and North Odisha.
- (c) This project is planned to be complete by the year 2026.
- (d) It will help to understand the formation, growth and propagation of thunderstorms over eastern part of India. Further, translate the science of understanding to better models of thunderstorms and improve the operational forecast capability of thunderstorms.
- (e) The Thunderstorm Research Testbed project is not a stand-alone project. It is being planned so as to complement the already existing atmospheric observation infrastructure of the Government of India over East India. The project will also benefit from additional infrastructure being planned in the region under the planned schemes of the Ministry of Earth Sciences.
