

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION No. 454
TO BE ANSWERED ON WEDNESDAY, JULY 22 ,2015**

Cloud Seeding

454. SHRI RAJESHBHAI CHUDASAMA:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether the Government proposes to use artificial rainfall/cloud seeding programmes with the help of State Government and commercial firms; and**
- (b) if so, the details thereof and if not, the reasons therefor?**

ANSWER

**MINISTER OF STATE FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(Shri Y. S. Chowdary)**

- (a) No Madam.**
- (b) As things stand today, artificial rain making techniques involving cloud seeding cannot be used for bringing rain clouds to rainfall deficit/drought areas. Such efforts can only induce potential preexisting clouds, already passing over a given place, to produce rain only if organized weather modification intervention becomes successful.**

However Earth System Science Organisation – Indian Institute of Tropical Meteorology (ESSO-IITM) is putting its effort in understanding the rain formation in clouds through studying cloud microphysical characteristics through a research program Cloud Aerosol Interaction and Precipitation Enhancement Experiment (CAIPEEX).
