

**GOVERNMENT OF INDIA  
SPACE  
LOK SABHA**

UNSTARRED QUESTION NO:4212  
ANSWERED ON:16.12.2009  
NASA'S POLAR MISSION  
Singh Shri Radha Mohan;Singh Smt. Meena

**Will the Minister of SPACE be pleased to state:**

- (a) whether the National Aeronautics and Space Administration (NASA), America has discovered water on the surface of moon;
- (b) if so, the details thereof; and
- (c) the benefit likely to accrue as a result thereof?

**Answer**

MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE, MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES & PENSIONS, MINISTRY OF PARLIAMENTARY AFFAIRS, MINISTRY OF SCIENCE & TECHNOLOGY AND MINISTRY OF EARTH SCIENCES (SHRI PRITHVIRAJ CHAVAN):

- (a) Yes, Sir.
- (b) Analysis of the data of Moon Mineralogy Mapper (an instrument of NASA flown in Chandrayaan-I), has given very positive confirmation on the presence of water in the form of hydroxyl on the surface near Polar regions of the Moon
- (c) The presence of water and other resources might raise hopes of establishing lunar habitats. But it needs further advanced missions to practically embark on such concepts.