

**GOVERNMENT OF INDIA  
SPACE  
LOK SABHA**

UNSTARRED QUESTION NO:4194  
ANSWERED ON:21.04.2010  
DISASTER MANAGEMENT SUPPORT  
Singh Shri Jagada Nand

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

- (a) whether this department co-operates with the States in providing proper information in all the phases of disaster management under the Disaster Management Assistance (DMA) programme in the country;
- (b) if so, the details thereof;
- (c) whether the assistance was provided under DMA programme during the devastating floods in Koshi, last year;
- (d) if so, the details thereof;
- (e) whether the State Government could be alerted against Koshi and other rivers devastating floods on the basis of early warning system; and
- (f) if so, the details 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) & (b) Department of Space, under the Disaster Management Support (DMS) programme, provides information derived from satellites and aerial survey data, to all States, at near real-time basis. The information provided is mainly on impact of certain disasters, such as, flood, cyclone, earthquake and landslide; assessment of the severity of agricultural drought; and areas affected by forest fires. Such information derived by satellite and aerial data, provided by the Department, is used by concerned States in planning relief, rehabilitation and mitigation of disasters. Further, the department also supports emergency communication during natural disasters through satellite based fixed networks as well as mobile devices.
- (c) Yes Sir,
- (d) The devastating Kosi flood inundation, caused due to a breach in the embankment of the River (outside India), was continuously monitored using data from Indian and foreign satellites. The inundation information was made available to Government of Bihar, at near real-time basis, which helped them in planning the relief measures.
- (e) No, Sir.
- (f) Does not arise.