

The failure of the observation by MTSAT-1R

The observation by MTSAT-1R was discontinued from 12:26 UTC on 11 November 2009, due to a malfunction of the satellite attitude control system. In consequence, MTSAT-1R failed image dissemination and upload on the JMA Webpage shown in the table below until the emergency back up observation by MTSAT-2 started from 15:30 UTC.

Image Time (Area)	HRIT	LRIT	JMA HP
12:00-12:15 (S.H.)	O	–	–
12:15-12:30 (S.H.)	X	–	–
12:30-13:00 (Full Disk)	X	X	X (13:00)
13:00-13:15 (N.H.)	X	X	X (13:30)
13:30-14:00 (Full Disk)	X	X	X (14:00)
14:00-14:15 (N.H.)	X	X	X (14:30)
14:30-15:00 (Full Disk)	X	X	X (15:00)
15:00-15:15 (N.H.)	X	X	X (15:30)
15:30-16:00 (Full Disk)	X	O	O (16:00)
16:00-16:15 (N.H.)	X	O	O (16:30)
16:30-17:00 (Full Disk)	O	O	O (17:00)

O: disseminated or uploaded, X: failure, –: no data scheduled

The recovery for MTSAT-1R was conducted according to the predefined protocols. After the confirmation of its observing function, the dissemination of MTSAT-1R images started from 03:30 UTC on 12 November 2009.

The operation of the Data Collection System (DCS) to collect environmental data from Data Collection Platforms (DCPs) was continuously operated during the failure.

For more information please contact:

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