

**Available satellite imagery from geostationary meteorological satellite for East-Asian/Western-Pacific area
in relation to the operation of the new MTSAT-1R**

- Provisional dissemination schedule before and after the start of MTSAT-1R operation -

Imagery	Stage Dissemination	At present, till the start of MTSAT-1R operation (N.B. All GOES-9 imagery can be obtained as a backup operation of GMS-5)	From the start of MTSAT-1R operation to the end of 2007 ^a	From 2008 ^a	Remarks
High Resolution	From Satellite	None (Distribution of S-VISSL imagery has been suspended since May 2003)	HiRID <i>(Visible; IR ch1 - 3 (4))</i>	None	<ul style="list-style-type: none"> 1. It is possible for users with <u>current S-VISSL receiving equipment</u> to receive all HiRID imagery not including new infrared (IR) ch4 nor newly extended bits of infrared ch1-3, to the end of 2007.^a To ensure your reception in such a manner, you are kindly invited to apply for details to your receiving system manufacturer. 2. In order to receive HiRID IR ch4 and/or to expand the brightness level of IR ch1-3 from 256 to 1024, users of S-VISSL imagery are <u>required to upgrade the software on the current equipment or to introduce entirely new equipment except dish</u>. 3. Brightness level (digitization) without any modification: Visible 64 levels (6bits), IR 256 levels (8bits) Brightness level (digitization) after upgrading software/equipment: Visible 64 levels (6bits), IR 1024 levels (10bits) 4. Resolution with or without modification: Visible 1.25km, IR 5km
		None	HRIT <i>(Visible; IR ch1 - 4)</i>		<ul style="list-style-type: none"> 1. In order to receive HRIT imagery, users of current S-VISSL imagery are <u>required to introduce entirely new equipment except dish</u>. 2. Resolution (brightness level, digitization): Visible 1km (1024 levels, 10bits), IR 4km (1024 levels, 10bits)
	Via Landline	S-VISSL <i>(IR ch1)</i>	None	None	<ul style="list-style-type: none"> 1. Resolution (brightness level, digitization): IR 5km (256 levels, 8bits)
		None	HRIT <i>(IR ch1)</i>	HRIT <i>(IR ch1)</i>	<ul style="list-style-type: none"> 1. It is possible for users to receive HRIT IR ch1 via landline. In order to receive HRIT imagery, users of current S-VISSL imagery are <u>required to upgrade the software on the current equipment or to introduce entirely new equipment</u>. 2. Resolution (brightness level, digitization): IR 4km (1024levels, 10bits) 3. While JMA will continue providing imagery via landline for the time being as one of the transition measures for users going to receive HRIT derived from MTSAT-1R observation, JMA will change over from providing current S-VISSL type imagery (IR ch1) derived from GOES-9 observations as the backup operation of GMS-5 to providing HRIT (IR ch1).
Low Resolution	From Satellite	WEFAX <i>(Visible; IR ch1 & 3)</i>	WEFAX <i>(Visible; IR ch1 & 3)</i>	None	<ul style="list-style-type: none"> 1. Even after MTSAT-1R becomes operational, <u>current equipment</u> can be used without modification. 2. It is possible for users with current WEFAX receiving equipment to receive all WEFAX imagery to the end of 2007.^a 3. Resolution of quadrant imagery: 8.4km
		None	LRIT <i>(Visible; IR ch1, 3 & 4)</i>		<ul style="list-style-type: none"> 1. In order to receive LRIT imagery, users of WEFAX imagery are <u>required to introduce entirely new equipment</u>. 2. LRIT dissemination service may be started shortly after the start of HRIT/HiRID dissemination service. 3. Resolution of full-disk imagery: 5km

^a Termination date of HiRID and WEFAX dissemination might be slightly modified due to launch schedule of MTSAT-1R.

- For further information on technical specification of MTSAT-1R imagery, please refer to the following web page: http://www.jma.go.jp/JMA_HP/jma-eng/satellite/index.html.