

GSICS Webpage at JMA

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MSC/JMA GSICS Page

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GSICS
MTSAT Calibration
Monitoring

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Global Space-Based Inter-Calibration System (GSICS)

GSICS is one of the space components of the World Meteorological Organization (WMO). Its mission is to provide users with high-quality and inter-calibrated measurements from operational satellites. Please see the [GSICS central homepage](#) operated by NOAA/NESDIS in the U.S. for more details. The MSC contributes to GSICS as a GSICS Processing and Research Center (GPRC) for the MTSAT/GMS series.

Links to Other GSICS Processing and Research Centers (GPRCs)

- NOAA/NESDIS
- EUMETSAT

GSICS for MTSAT

MTSAT Infrared Intercalibration with High-spectral-resolution Sounders

Within the GSICS framework, MTSAT infrared data are operationally compared with those from high-spectral-resolution sounders, such as the AIRS equipment on the AQUA satellite and the IASI instrumentation on the Metop satellite. For details of intercalibration methods and results, please see the "[GSICS MTSAT Infrared Intercalibration Guide](#) Web page.

MTSAT-1R Infrared Intercalibration with AIRS/AQUA and IASI/METOP-A

- Monthly Statistics and Time Sequences

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We are monitoring it from the MTSAT

News Release

- Schedule of Autumn 2008 Sun Avoidance Operations
- GSICS monitoring page opened on 2 July 2008
- RARS timeliness monitoring page added on 27 June 2008
- HIRID and WEFAX terminated on 12 March 2008 (JMA website)
- New Timetable for MTSAT-1R Direct Broadcast (JMA website)

Latest Operational Information

- MTSAT-1R Dissemination Status
- MTSAT-1R Operational Plan
- MTSAT-1R Weekly Operation Plan (MANAM)
- MTSAT-1R Monthly Operation Plan (MOP)
- MTSAT-1R Operational Status
- Pause of MTSAT-1R

GSICS Calibration Monitoring

Top of MSC Webpage
<http://mscweb.kishou.go.jp/>

GSICS

- Explanation
- Links to GCC, GPRCs

MTSAST-1R IR intercalibration

- Link to explanation page
- Link to monitoring page

MTSAT Intercalibration Outcomes

- Statistics
 - TB residuals at reference temperatures and STDVs
 - MTSAT – LEOs
 - 290 K, 250 K and 220 K
 - Regression coefficients and their standard errors
 - All MTSAT-1R IR channels
 - Comparisons of each AIRS/IASI orbit types and all data
- Showcase
 - Temporal sequence charts
 - Monthly scatter plots
 - Monthly statistics CSV file

Demo

<http://mscweb.kishou.go.jp/monitoring/calibration.htm>