

WORLD METEOROLOGICAL ORGANIZATION

CBS/GCOS LC/Doc. 5.4
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**CBS LEAD CENTRES FOR GCOS
COORDINATION MEETING**

ITEM: 5

GENEVA, SWITZERLAND
10-12 NOVEMBER 2009

Original: ENGLISH

REPORTS FROM CBS LEAD CENTRES

Japan

(Submitted by Takifumi Umeda, Japan Meteorological Agency)

Summary and Purpose of Document

This document provides information on activities carried out by a CBS Lead Centre for GCOS, the Japan Meteorological Agency

ACTION PROPOSED

The meeting is invited to take into account the information provided in the document when discussing relevant agenda items

CBS/GCOS Lead Centre

◆ Recent Activities

- Contacts with FPs
- Liaison with GTS centres
- Detected problems in East/Southeast Asian GSN stations

Takafumi Umeda
Japan Meteorological Agency



Change in Climate Monitoring Section, JMA

[- March 2009]

- Hidehiko Isobe
- Yoshikazu Fukuda
- Hitomi Saitoh
- Akiko Matsuda



[April 2009 -]

FP of GSNMC & CBSLC

- Takafumi Umeda
- Yoshikazu Fukuda
- Hitomi Saitoh
- Keiko Haraguchi

Chief

CLIMAT
decoding

CBS Lead Centre at JMA

●CBS Lead Centres for GCOS Data were proposed in the CBS/GCOS Expert Meeting on Coordination of the GSN and GUAN (Offenbach, 2002).



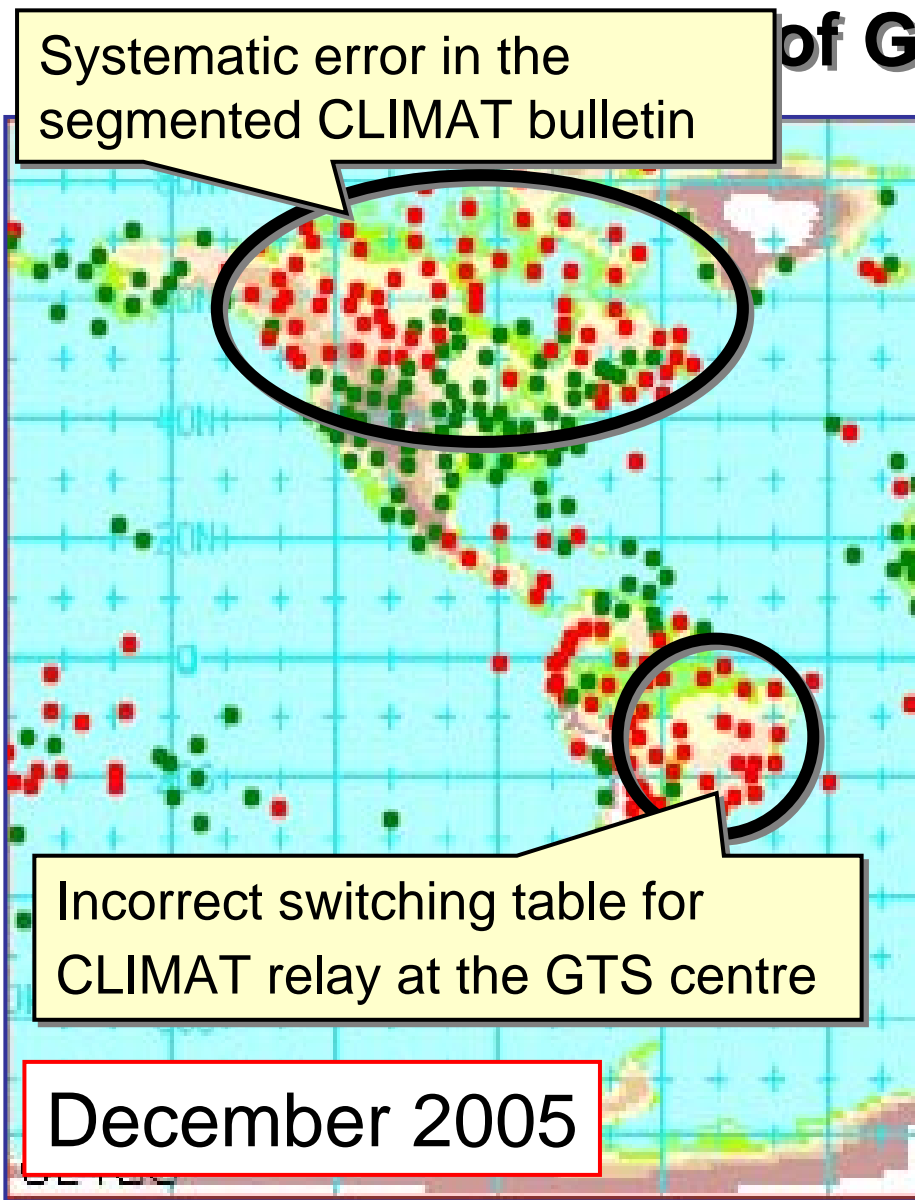
●JMA nominated as a CBS Lead Centre (trial base) in 2004.

●In 2004-2007, CBSLC-JMA contacted with Asian countries by using a questionnaire-sheet to identify the cause of silent GSN stations.

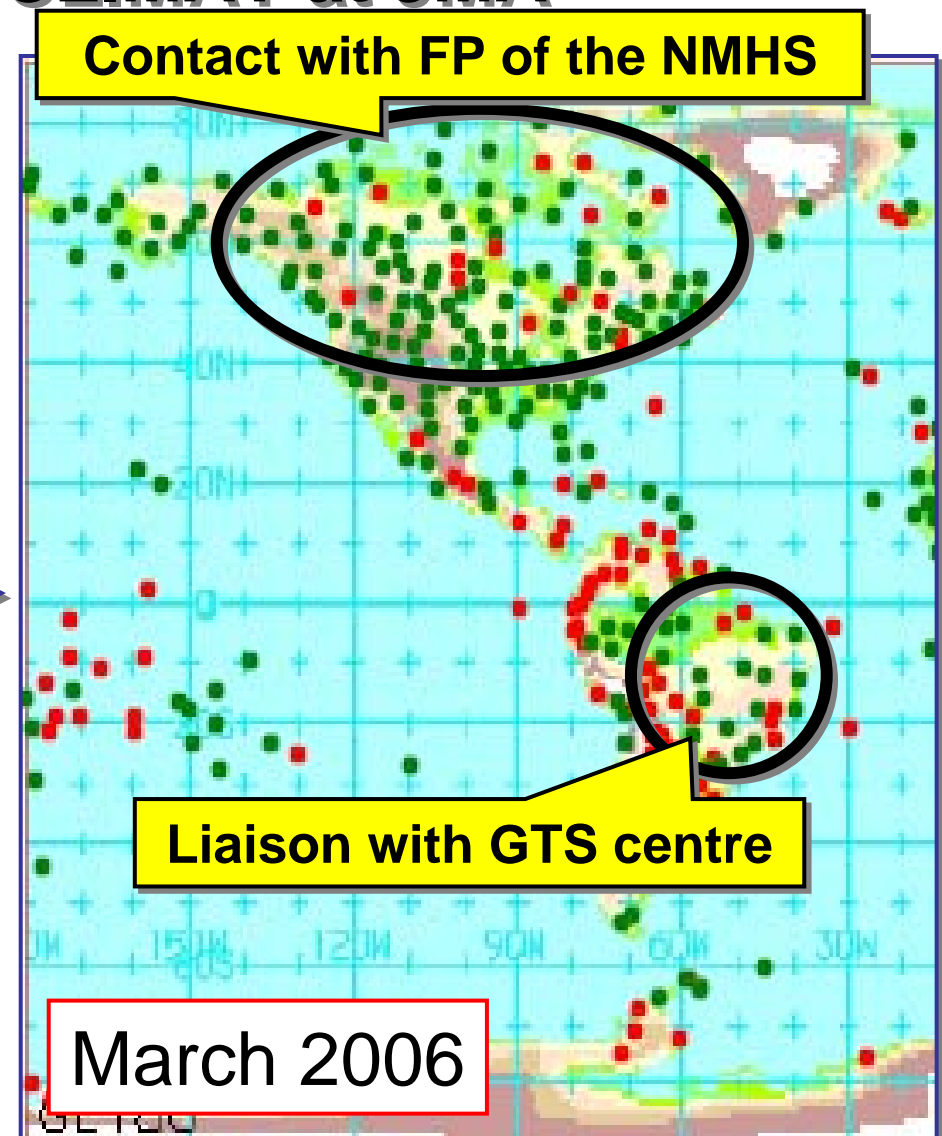
●In 2005-2007, CBSLC-JMA liaised with GTS centres to improve the relay of CLIMATs.

Improvement of CLIMAT reception

of GSN-CLIMAT at JMA

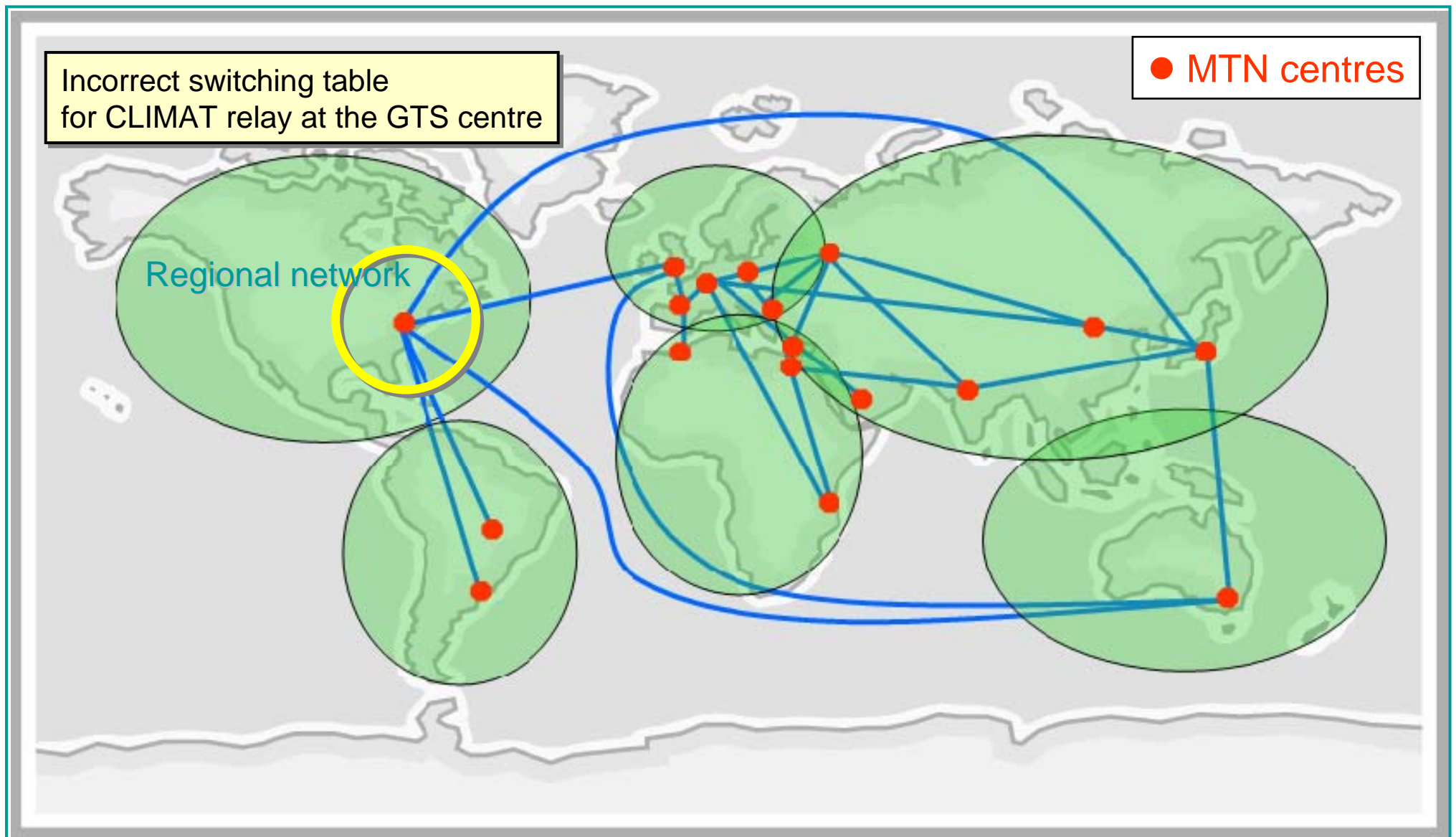


● :received ● :not received



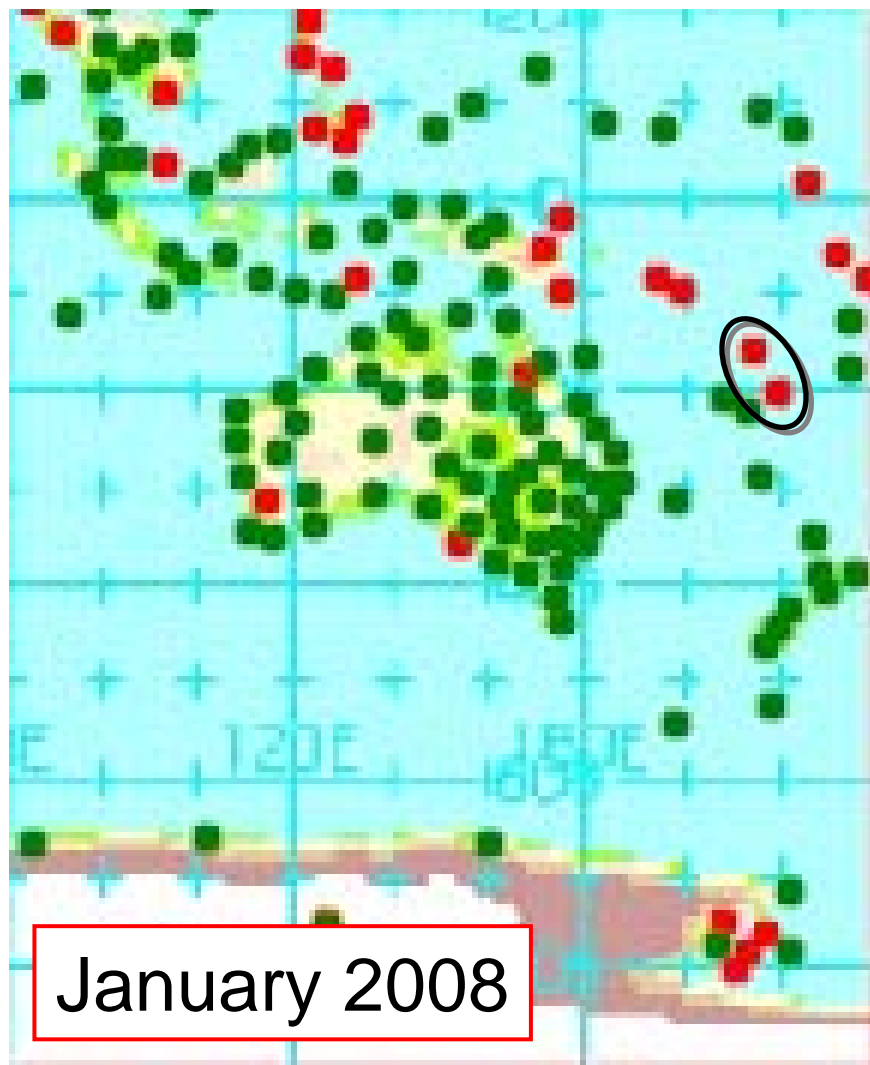
● :received ● :not received

Main Telecommunication Network of GTS

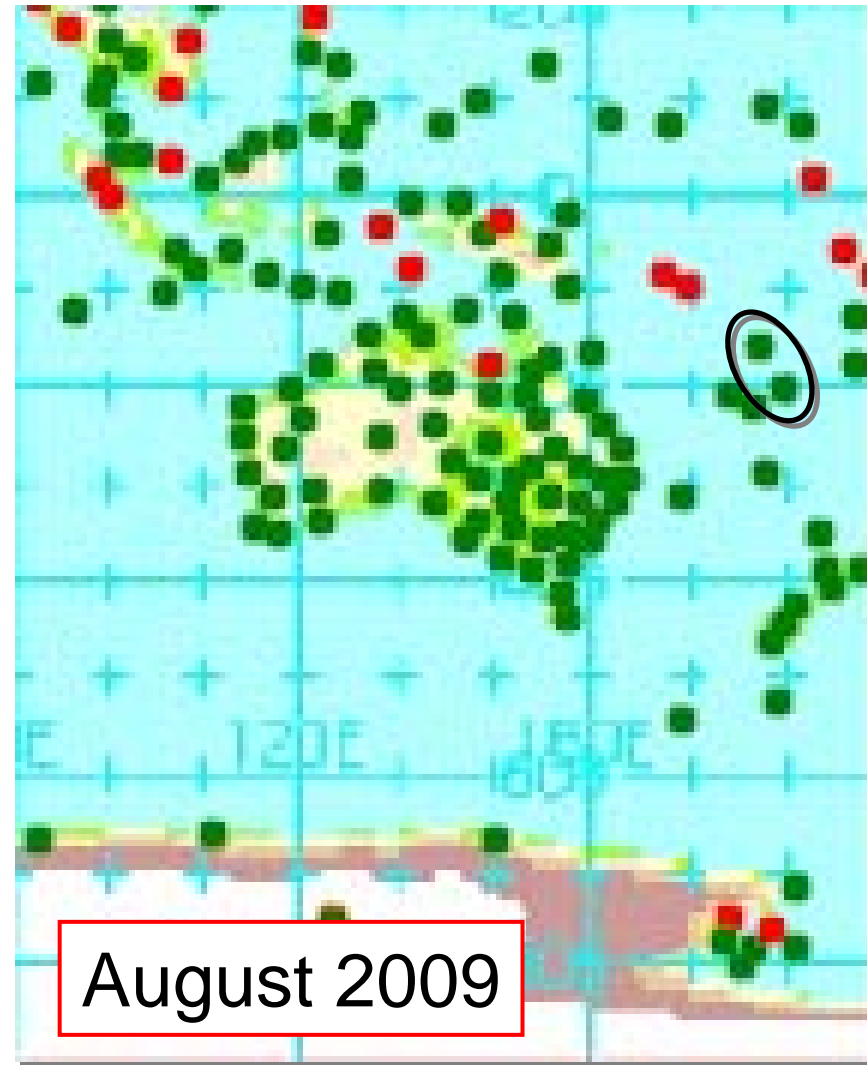


Improvement of CLIMAT reception

Reception of GSN-CLIMAT at JMA



● :received ● :not received



● :received ● :not received

Problem and solution of GSN station

■ Training to the Vanuatu FP

Two GSN stations in Vanuatu were silent since January 2008. But the FP of Vanuatu was invited to the Group Training Course for Reinforcement of Meteorological Services (*) at JMA in 2008 by chance.

CBS Lead Centre of JMA gave him training on encoding of CLIMAT report. Then, Vanuatu has started sending CLIMAT report from February 2009.

* The course is organized by the Japan International Cooperation Agency (JICA) and JMA.

Group Training Course for Reinforcement of Meteorological Services 2008 (9 September - 13 December 2008)

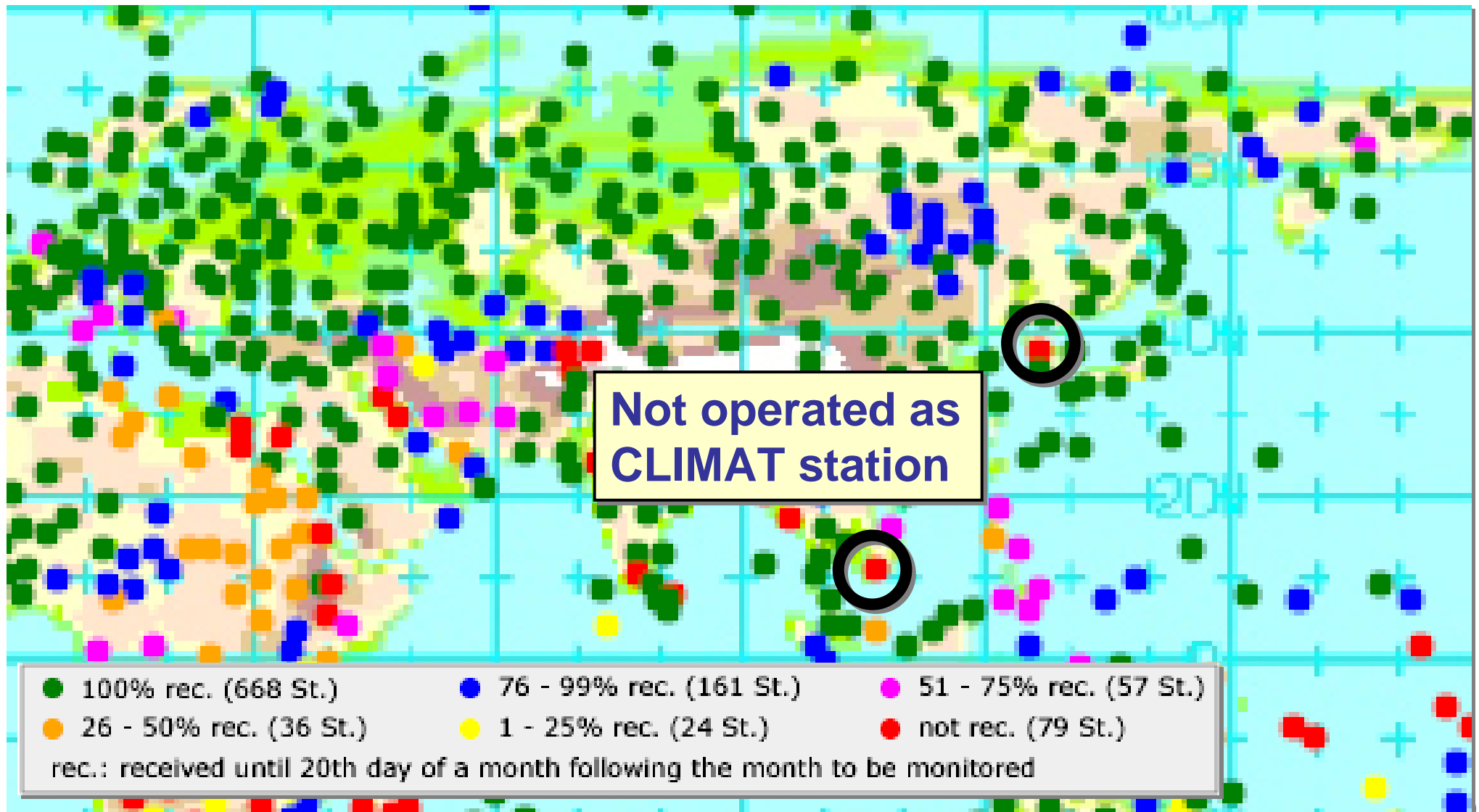
From 9 September to 13 December 2008, the Group Training Course for Reinforcement of Meteorological Services of the year was held in Tokyo, inviting eight participants from Bangladesh, Cambodia, Fiji, Iran, Laos, Myanmar, Tonga, and Vanuatu. This course is organized by the Japan International Cooperation Agency (JICA) and the Japan Meteorological Agency (JMA), aiming at providing participants with knowledge and skills to utilize data and products disseminated by advanced meteorological centers, and to motivate participants to formulate future plans to further modernize their meteorological services.



Participants in the Group Training Course with the Director-General of JMA, Dr. Tetsu HIRAKI (16 September 2008 at JMA Headquarters).

Recent situation of Asian GSN

Percentage of received GSN-CLIMAT (Sep 2008 - Aug 2009)



Problem and solution of GSN station

■ The GSN station is not operated as a CLIMAT station

Station-1: It is operated by the airport association. The NMHS can not make CLIMAT for the station.

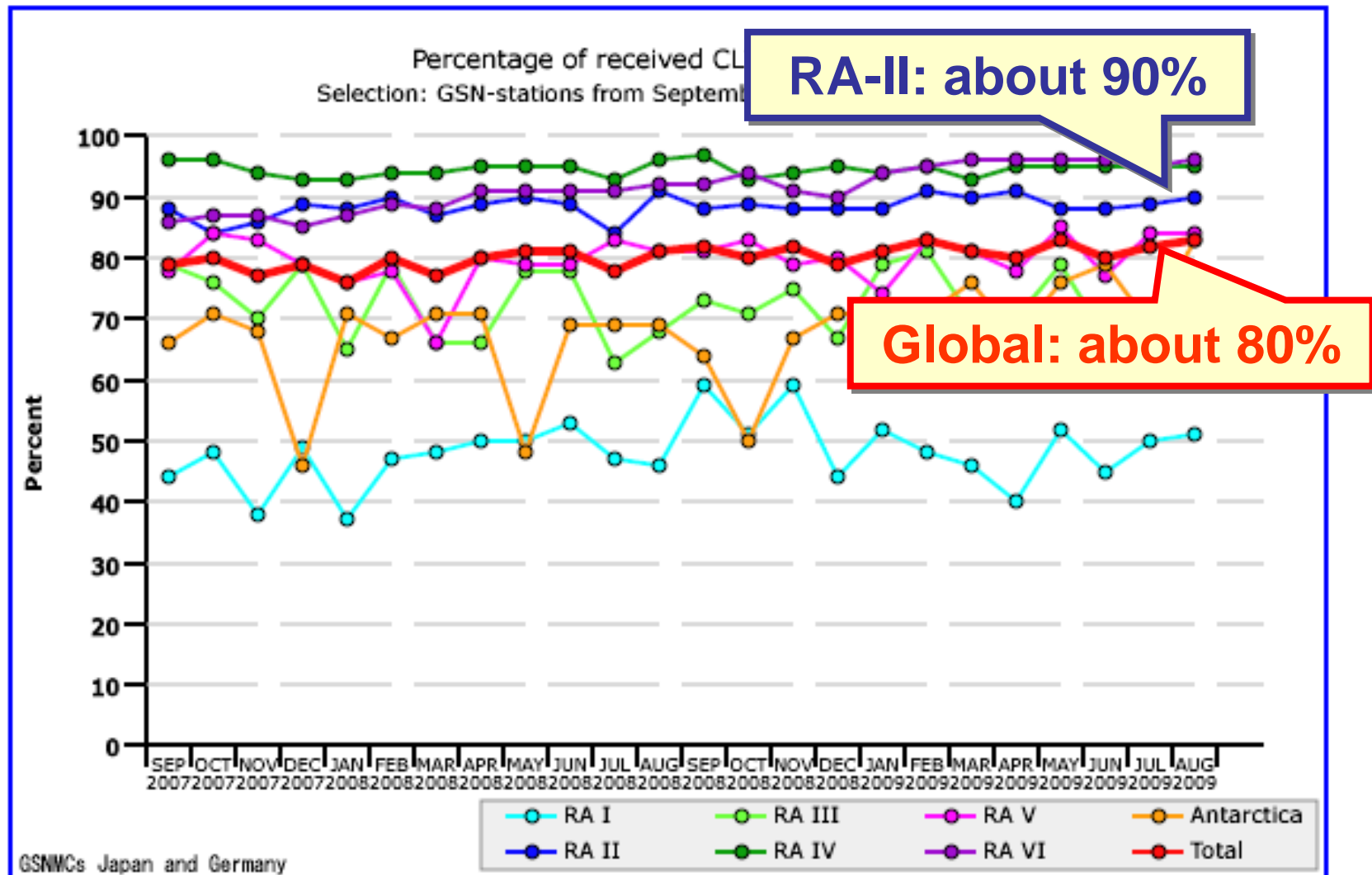
=>To be deleted from the GSN list.

Station-2: The NMHS decided to downgrade it to a synoptic station in 2003, but the NMHS has changed its policy and the station has returned to the RBCN of RA-II in 2008. However, for now, the station does not start sending CLIMAT report.

=>To contact with the FP one more time.

Recent situation of Asian GSN

GSN-CLIMAT reception rate in RAs



Thank you!



JMA Mascot Character 'Hare-run'

'Hare' means sunny weather in Japanese

'Hare-ru' means 'it becomes sunny'.

'Run-run' means happiness feeling.