

Report from CBS Lead Centres for GCOS – JMA

1 Performances of GSN stations in JMA’s responsible area.

JMA is in charge of CBSLC in East Asia and Southeast Asia. JMA’s responsible area covers Brunei, Cambodia, China, Japan, Lao PDR, Malaysia, Mongolia, Myanmar, Philippines, Republic of Korea, Singapore, Thailand and Viet Nam.

Table 1 shows the performance of GSN stations in JMA’s responsible area using the method proposed by CBS GCOS Lead Center (Chile) for RA III at the meeting of the CBSLC-4. The indices over 90% are Japan, Malaysia, Mongolia, Republic of Korea and Viet Nam.

Performance index for China 0.73 was lower than that of the previous years. It is because ‘CC’ (it means ratio of CLIMAT reports without format errors) is low.

Index for Viet Nam improved from 0.45 in 2013 to 0.90 in 2014. It is because the station TAN SON HOA (48900), an aeronautical station operated by the airport association with difficulties to submit the CLIMAT report, was deleted from GSN station list in 2014 by the request of the PR of Viet Nam.

Table 1. Performance of GSN stations in 2014

Country	number of stations	CA ¹	CC	CT	CR	Index
China	32	1.0	0.1	1.0	0.8	0.73
Japan	13	1.0	1.0	1.0	1.0	1.00
Malaysia	6	1.0	0.9	1.0	1.0	0.98
Mongolia	10	1.0	1.0	1.0	0.8	0.95
Myanmar	3	0.9	0.7	0.9	0.8	0.83
Philippines	6	0.8	0.6	1.0	1.0	0.85
Republic of Korea	3	1.0	1.0	1.0	1.0	1.00
Thailand	6	1.0	0.8	0.8	0.8	0.85
Viet Nam	1	1.0	0.7	1.0	0.9	0.90

Figure 1 shows the performance index of GSN stations for three years in JMA’s responsible area. The indices were almost over 80%. The reasons of the change in performance for Viet Nam and China were described above. The performance for the Philippines worsened because of lower CA (ratio of CLIMAT reports sent by 20th of the next month) and lower CC (ratio of CLIMAT reports without format errors) than that of 2013.

¹ Please refer to the document from CBS GCOS Lead Center (Chile) at the CBS LEAD CENTRES FOR GCOS COORDINATION MEETING - Fourth SESSION.
http://www.wmo.int/pages/prog/www/OSY/Meetings/CBS-GCOS-LC_Santiago2013/Doc5_DMC_Chile.doc

Figure 2 shows the time series of the performance for three years in JMA's responsible area. It shows that the performance was lower than that of the past two years.

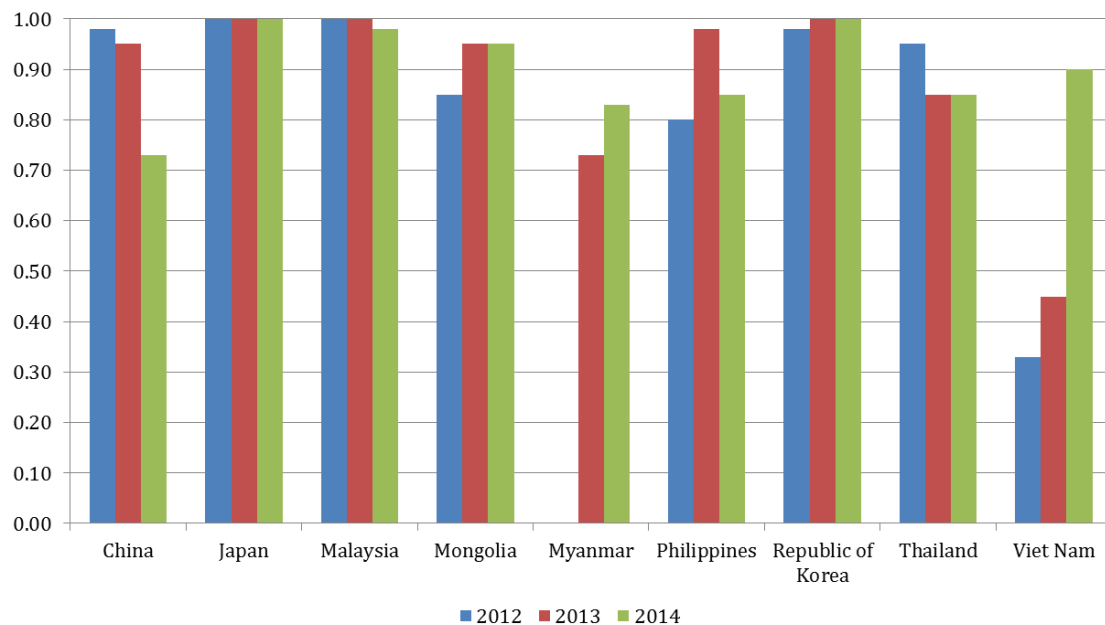


Figure 1 Performance of GSN stations for three years

The values were based on the GSN stations list in each year.

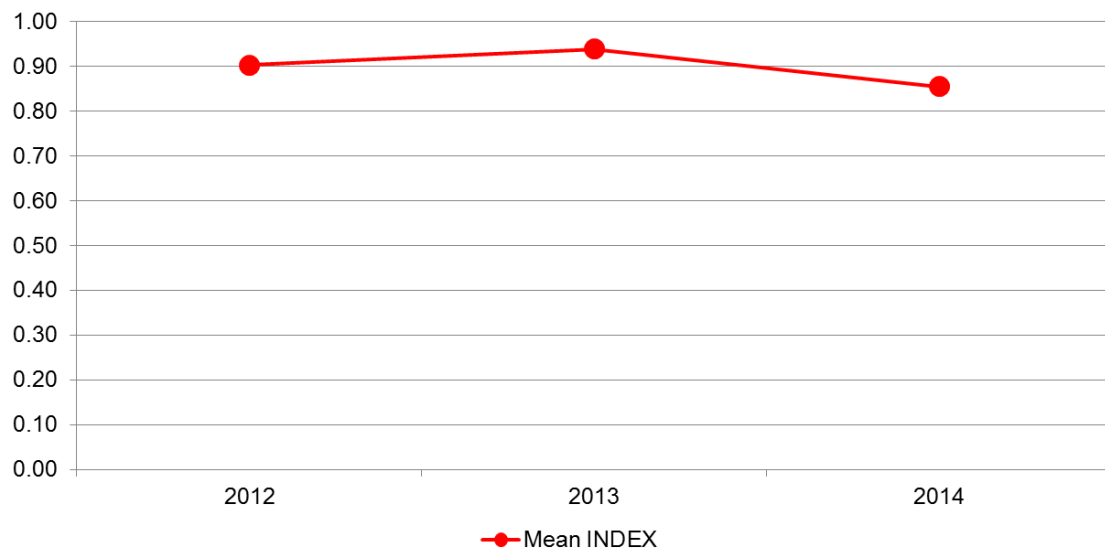


Figure 2 Time series of the performance for three years

The values were based on the GSN stations list in each year.

2 Activities of JMA as CBSLC in 2014

2.1 Myanmar

Myanmar sends the CLIMAT reports every month via email to JMA. JMA has forwarded the reports to the GSN Monitoring Center in Germany and the

World Data Center for Meteorology in USA.

2.2 RBCN station in Macao

In June 2014, JMA received an email from Macao Meteorological and Geophysical Bureau regarding the CLIMAT reports of TAIPA GRANDE (45011). The CLIMAT reports from 45011 had not been received since Feb 2012. JMA checked the format of the report and advised about the header. CLIMAT reports from 45011 have been received since July 2014 successfully.

2.3 Training

Some staff members of NMHSs are invited to the Group Training Course for Reinforcement of Meteorological Services (*) at JMA every year. In the training course of 2014, JMA gave training on the CLIMAT report and lecture about the activities of CBS Lead Centre for GCOS to eight participants.

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

3 Activities for WWR

Following EC-64, Res. 14, JMA supported the WMO Secretariat in collecting the World Weather Records (WWR) for RA II. The number of NMHSs that submit WWR in RA II was 8 in 2014. JMA checked the data and forwarded them to the WMO Secretariat.

Ayako Takeuchi
Global Environment and Marine Department
Climate Prediction Division
Japan Meteorological Agency
1-3-4 Otemachi, Chiyoda-ku
Tokyo 100-8122
Japan