



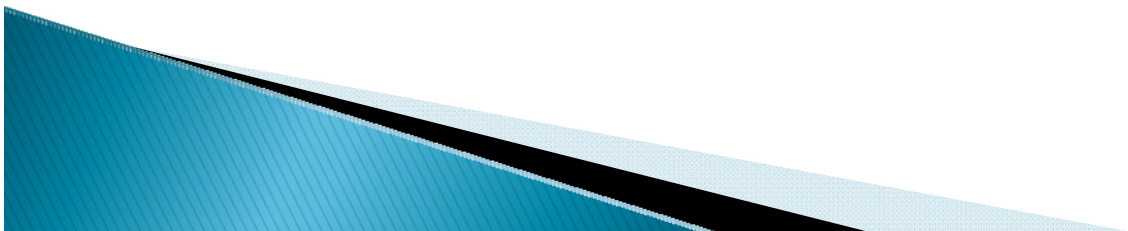
# *Report from CBS Lead Centres for GCOS – JMA*

Climate Prediction Division(CPD)  
Japan Meteorological Agency (JMA)  
Kazuyoshi YOSHIMATSU  
Email: [climatemonitor@met.kishou.go.jp](mailto:climatemonitor@met.kishou.go.jp)



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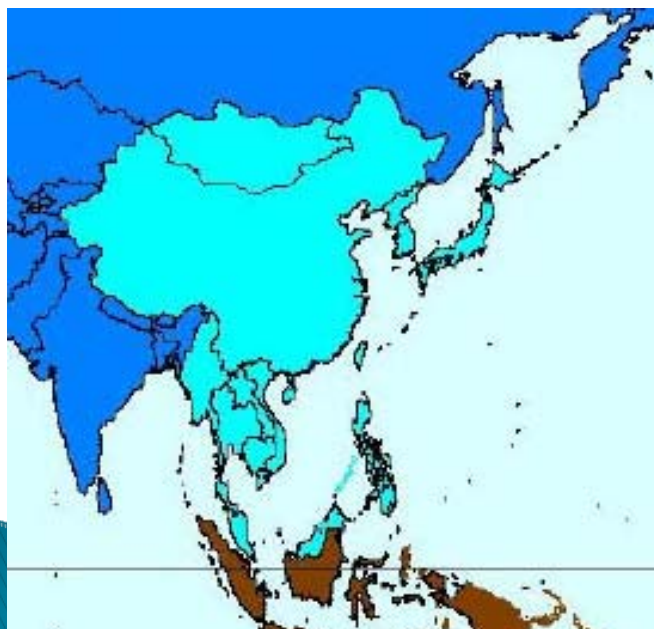
- ▶ Situation of received CLIAMT reports from JMA's responsible area
- ▶ Activities of JMA as CBSLC (from January to August 2013)
  - Myanmar
  - 10-day CLIMAT from Mongolia
  - RBCN station in Cambodia
  - Training
- ▶ The activities for WWR
- ▶ Conclusions





# JMA's responsible area

WMO Regional Association (RA)	WMO Member/ Host Institution of Lead Centre	Responsible for GSN and GUAN stations in:
RA II (Asia)	Japan (JMA)	Brunei, Cambodia, China, Japan, Laos, Malaysia, Mongolia, Myanmar, Philippines, Republic of Korea, Singapore, Thailand, Vietnam



There are 13 members in RA II (Asia).  
 GSN stations: 83  
 RBCN stations: 247

[http://www.wmo.int/pages/prog/gcos/documents/CBS\\_LeadCentres\\_GCOS.pdf](http://www.wmo.int/pages/prog/gcos/documents/CBS_LeadCentres_GCOS.pdf)




# Reception rate in 2013

Table 1 Reception rate of CLIMAT reports from GSN stations.								
Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.
Rate	95.2%	91.6%	98.8%	97.6%	97.6%	97.6%	98.8%	98.8%
Number	79	76	82	81	81	81	82	82

One of these stations, TAN SON HOA (48900) in Viet Nam, is an aeronautical station operated by the airport association and it is impossible for the NMHS to submit the CLIMAT report.

Table 2 Reception rate of CLIMAT reports from RBCN stations.								
Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.
Rate	93.5%	93.5%	96.4%	96.0%	96.0%	96.0%	95.5%	95.5%
Number	231	231	238	237	237	237	236	236

The reception rate of the CLIMAT reports in RA II (Asia) are very good. In 2013, there is no GTS routing problem.

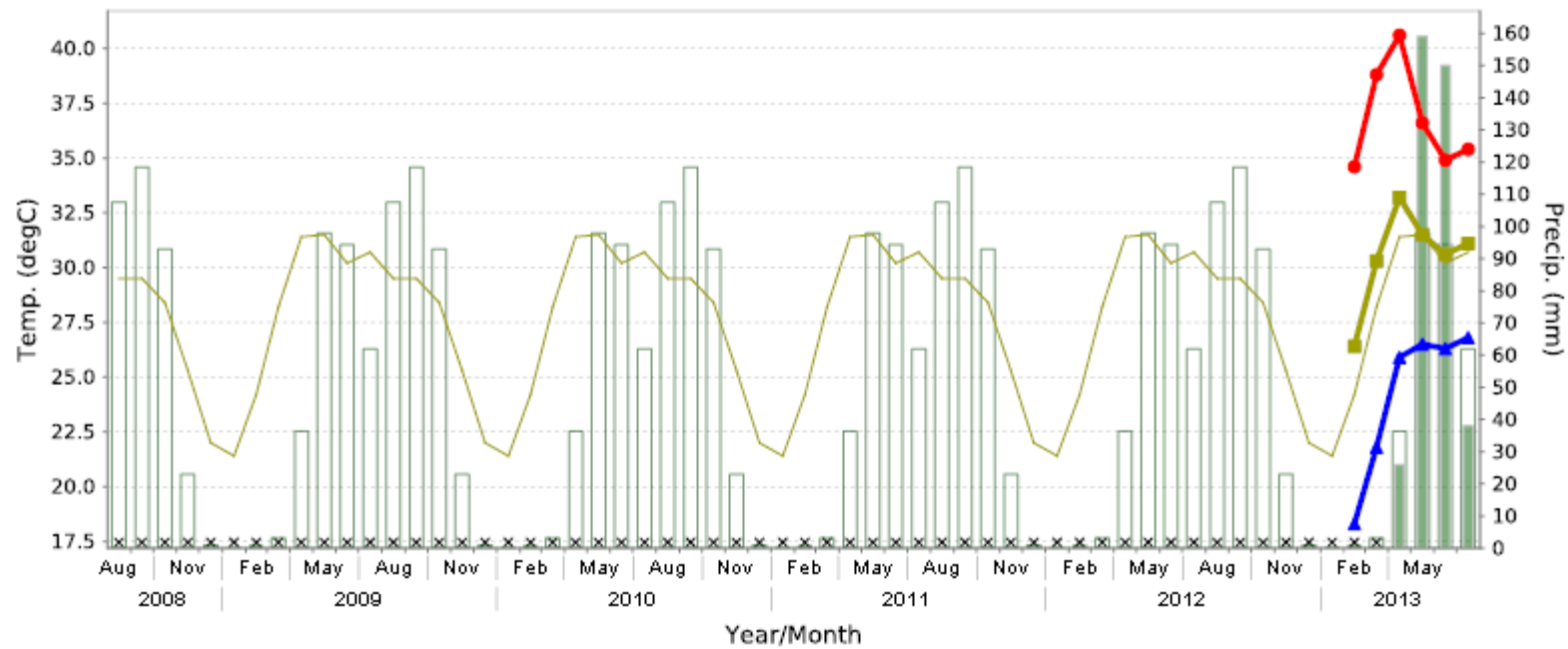


# Activities of JMA as CBSLC (1)

## ▶ Myanmar

- Myanmar had not sent the CLIMAT reports for a long time.
- But I received a email from the FP for GCOS in Myanmar.
- JMA gave technical advice on the CLIMAT reports.
- Myanmar restarted to send the CLIMAT reports.

**MANDALAY [MYANMAR]**

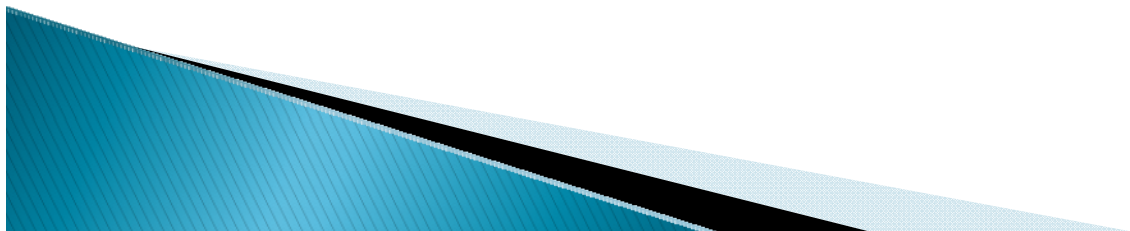


■ Mean Temp. 
 ● Max.Temp.(Monthly Mean) 
 ▲ Min.Temp.(Monthly Mean) 
 — Mean Temp. Normal 
 ■ Precip. 
 ■ Precip. Normal 
   
 x No data

## *Activities of JMA as CBSLC (2)*

### ▶ Mongolia

- Mongolia had sent the 10-day (not monthly) data by the same format as the CLIMAT reports.
- The Mongolia stopped using the header “CSMO” for 10-day (not monthly) data and changed the header to “VSMO”.
- After that, JMA received the 10-day data from Mongolia till March 2013 but since then JMA has not received them except for the data as of 13 August.  
( They may sometimes make a mistake.)

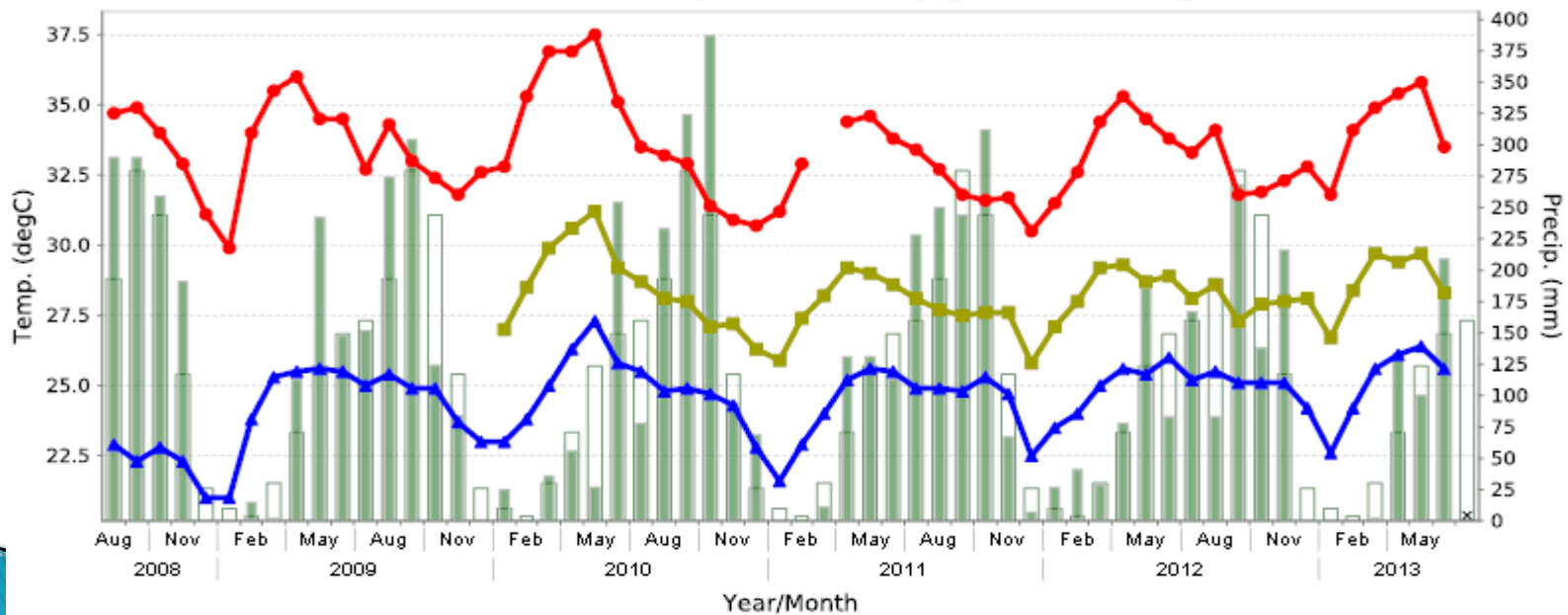


# Activities of JMA as CBSLC (3)

## ▶ Cambodia

- JMA has received the daily data of PHNOM-PENH/POCHENTONG via email every a few months from a staff member of Cambodia.
- JMA encodes the data to the CLIMAT report.
- It may take some time that Cambodia encodes the CLIMAT reports and inputs to GTS by oneself.

**PHNOM-PENH (KHOUMOUH) [CAMBODIA]**



■ Mean Temp. 
 ■ Max.Temp.(Monthly Mean) 
 ■ Min.Temp.(Monthly Mean) 
 ■ Mean Temp. Normal 
 ■ Precip. 
 ■ Precip. Normal 
   
 × No data



## *Activities of JMA as CBSLC (4)*

### ▶ Training

- Some staff members of NMHSs are invited to the Group Training Course for Reinforcement of Meteorological Services (\*) at JMA every year.
- JMA gave training on the CLIMAT report and lecture on the activities of CBS Lead Centre for GCOS to four participants.
- In 2013, the training course will be held in November.
- This training contributes to improve the reception rate and quality of the CLIMAT reports.

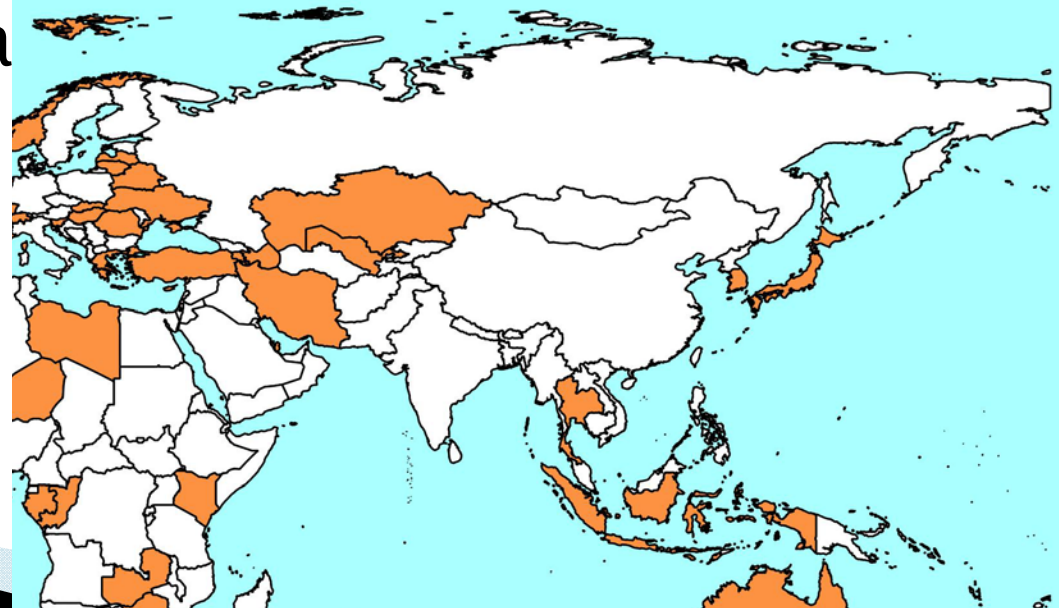
\* The course is organized by the Japan International Cooperation Agency (JICA) and JMA.



## *Activities for WWR*

- ▶ JMA contributed to the collection of the WWR but the number of NMHSs was 10 (about 30%) that JMA received the data from RA II by the end of June 2013.
- ▶ JMA answered the questions from some countries and transferred the data to WMO.

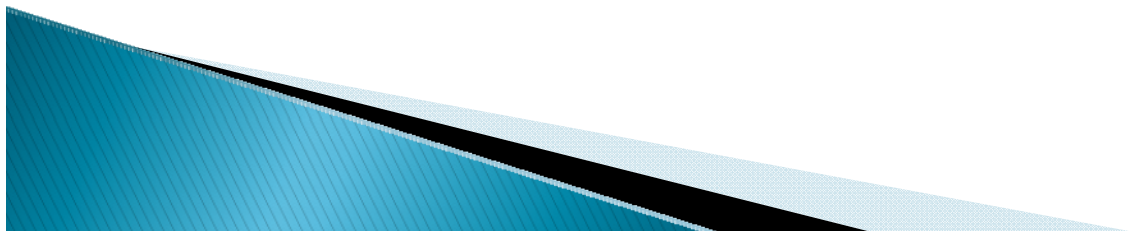
Bahrain, Hong Kong, Iran, South Korea, Kuwait, Qatar, Singapore, Thailand, Uzbekistan, Japan



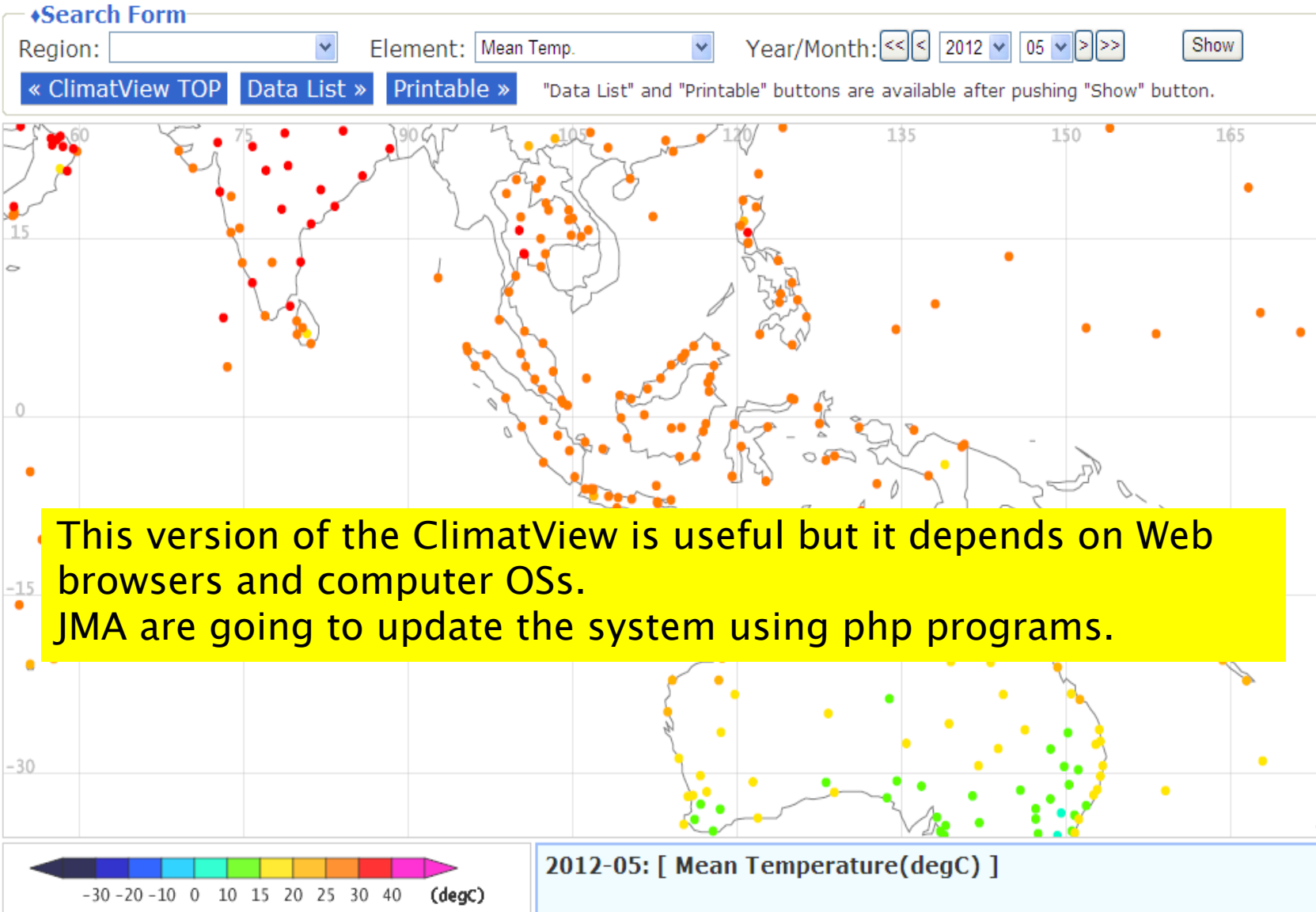


## *Conclusions*

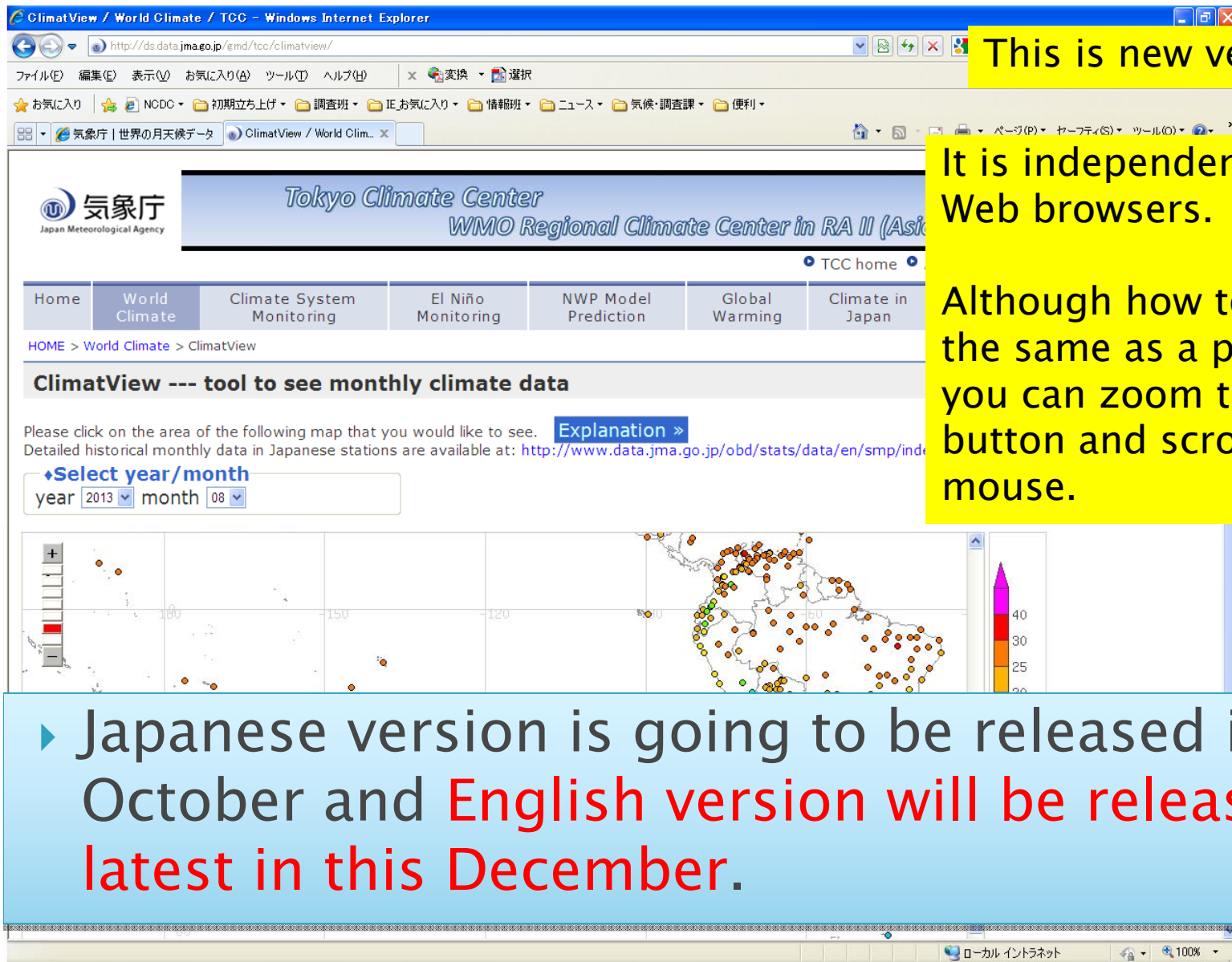
- ▶ There is little problem with the reception of the CLIAMT reports from JMA's responsible area except for the CLIMAT reports from Cambodia.
- ▶ JMA advised to the FP of Viet Nam that the station 48900, TAN SON HOA, should be deleted from GSN station list again.



# JMA's Climate Database "ClimatView"



# *New ClimatView System*



This is new version image.

It is independent from OSs and Web browsers.

Although how to use is almost the same as a present version, you can zoom the map from button and scroll it using mouse.

- ▶ Japanese version is going to be released in this October and **English version will be released at latest in this December.**



*End*

