

## Report from CBS Lead Centres for GCOS – CHILE

### 1.- Summary of Chilean Meteorological Service Lead Center activities and results during 2013

Table 1 shows the performance of GNS stations 2013. The Region the III has 93 meteorological stations of surface (GSN), considering a summary of the year 2013, which has diminished the respect the year 2011 that was registering 106 meteorological stations. Brazil diminished from 29 to 18 stations.

The countries with more problems of format according to DWD's quality controls are: Island, Perú and Suriname

Perú include in its bulletins stations that do not belong to the meteorological Service and do not have control of its activity. Surinam possesses only a station, this station is silent, There is not communication with the focal point..

Island is the first time that is included in a report. There is not communication with the focal point.

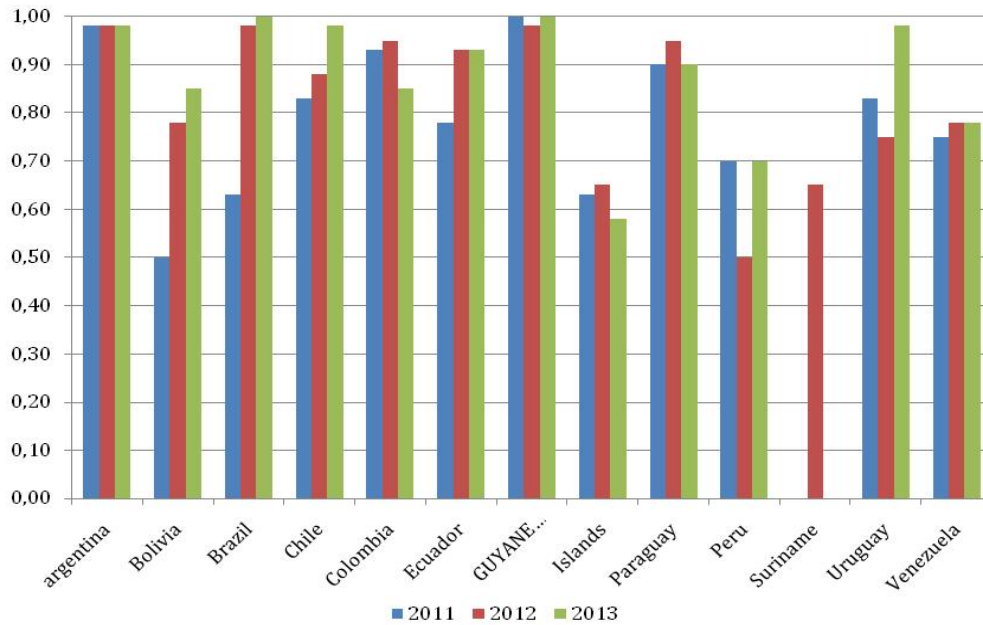
The best indexes over 90 %, Argentina, Brazil, Chile, Ecuador, Guyana with only one station, Paraguay and Uruguay, and the lowest indexes are Suriname(Considering the silent station) Island and Perú.

Country 2013	number of stations	CA	CC	CT	CR	Ind
Argentina	28	1,0	1,0	1,0	0,9	0,98
Bolivia	10	0,9	0,7	0,9	0,9	0,85
Brazil	18	1,0	1,0	1,0	1,0	1,00
Chile	11	1,0	0,9	1,0	1,0	0,98
Colombia	3	0,9	0,9	0,8	0,8	0,85
Ecuador	4	1,0	0,7	1,0	1,0	0,93
Guyane /Francaise	1	1,0	1,0	1,0	1,0	1,00
Islands	1	0,8	0,3	0,6	0,6	0,58
Paraguay	2	1,0	0,6	1,0	1,0	0,90
Peru	3	0,9	0,1	0,9	0,9	0,70
Suriname	1	0,0	0,0	0,0	0,0	0,00
Uruguay	4	1,0	0,9	1,0	1,0	0,98
Venezuela	7	1,0	0,6	0,7	0,8	0,78

CA: Received CLIMAT messages CT: N° valid temperature reports

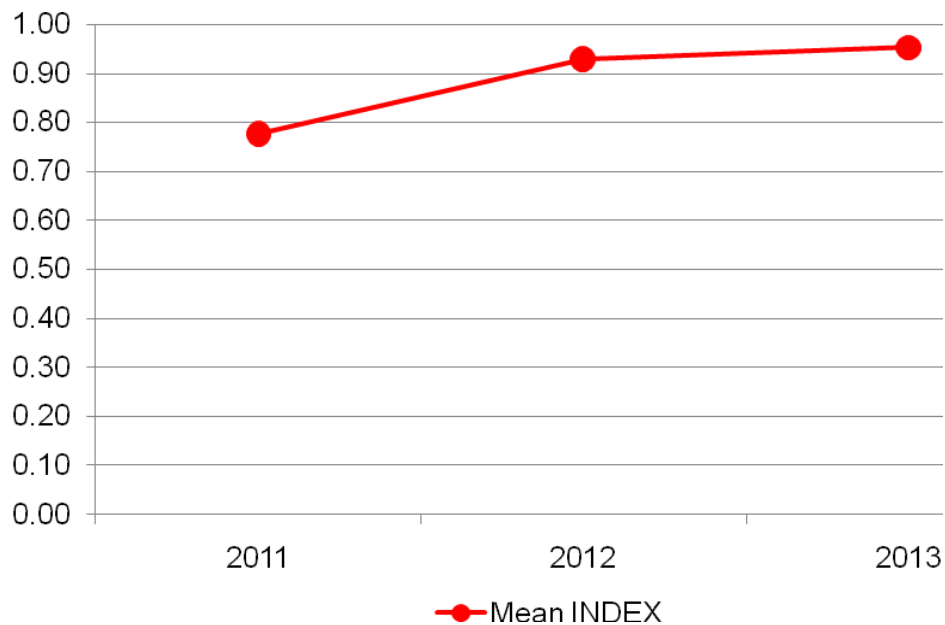
CC: Correct CLIMAT messages CR: N° of valid precipitation reports

Figure 1 shows the performance of GSN stations for three years in the Region III. This graph shows the performance from the year 2011, the most important is that shows an advance from the year 2011 to 2013, With the exception of the countries of Colombia, Island, Paraguay.



**Figure 1 Performance of GSN stations for three years**

Figure 2 shows an advance positive from the year 2011 from an index from 0.78 to 0.95 in the year.



**Figure 2 Time series of the performance for three years**

## **2.- Activities of Lead Centres for GCOS – CHILE**

The Lead center continues controlling the functioning of the GCOS stations of the AR III based on the information obtained from the center of Germany, the *Deutscher Wetter Dienst (DWD)*. The results were reported to all Focal Points of the Region every semester, but we did not obtain response from the countries, only Argentina, Ecuador, Peru and Brazil have occasionally responded to the Report

To sent a Report about the performance of CLIMAT reports of GCOS stations to Focal Points

Contact to Perú focal point in relation to mistakes of format and send of the CLIMAT, the procedure was modified and since then their CLIMAT is correct

Chile received JMA's mail on March 06, 2013, in relation to the Climat sent by Venezuela. They sent the CLimat of February, 2014 as February, 2013. Chile contacted with the point focal and responsible for CLIMAT's reports giving the indications technology and requesting the new sending.

The lead center has been in email contact regularly with national GCOS focal points, but no answers could imply that the email list might need to be update.

The countries of the Region are working at the program for the transmission of the Climat at BURF.