

Report from CBS Lead Centres for GCOS – CHILE

1.- Summary of Chilean Meteorological Service Lead Center activities and results during 2014

Table 1 shows the performance of GNS stations 2014. The Region the III has 93 meteorological stations of surface (GSN), considering a summary of the year 2014.

The countries with more problems of format according to DWD's quality controls are the same countries in 2013: Island, Perú and Suriname and continue with the same problems.

Surinam has only one station, this station is silent, there is not communication with the focal point.

Perú, the stations are not of the Meteorological Service, also present coding problems. They are working to change the status

Island has only one station and serious problems of coding

The focal point does not respond.

Countries that shows the best indexes are Brazil Y Guyanas with one stations

Country 2014	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.- The countries show the same behavior the last two years, although the indices are acceptable but not show a progress.

Figure 1 Performance of GSN stations for three years

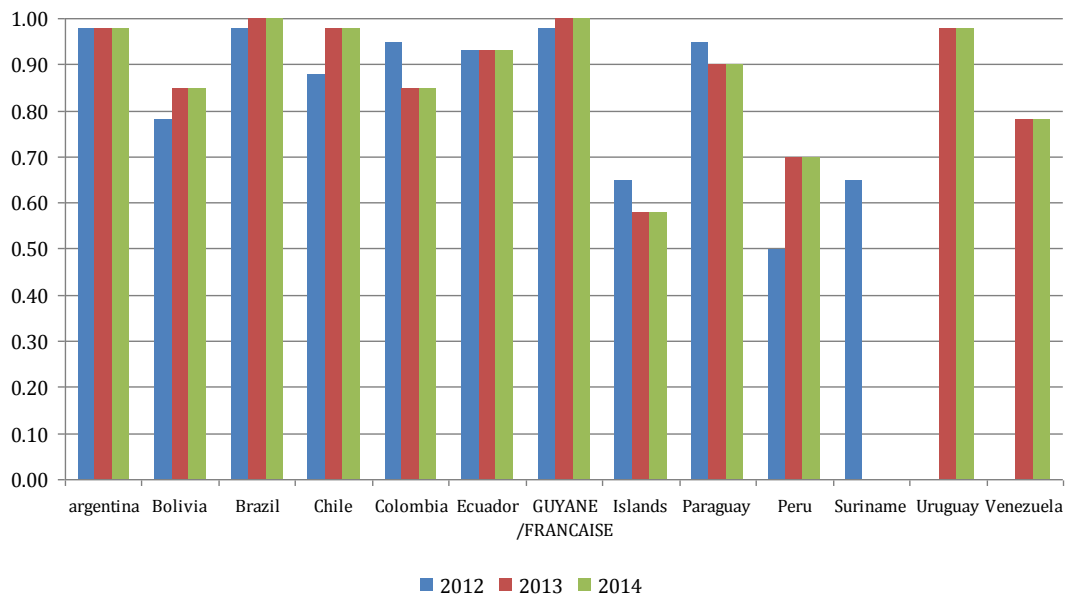
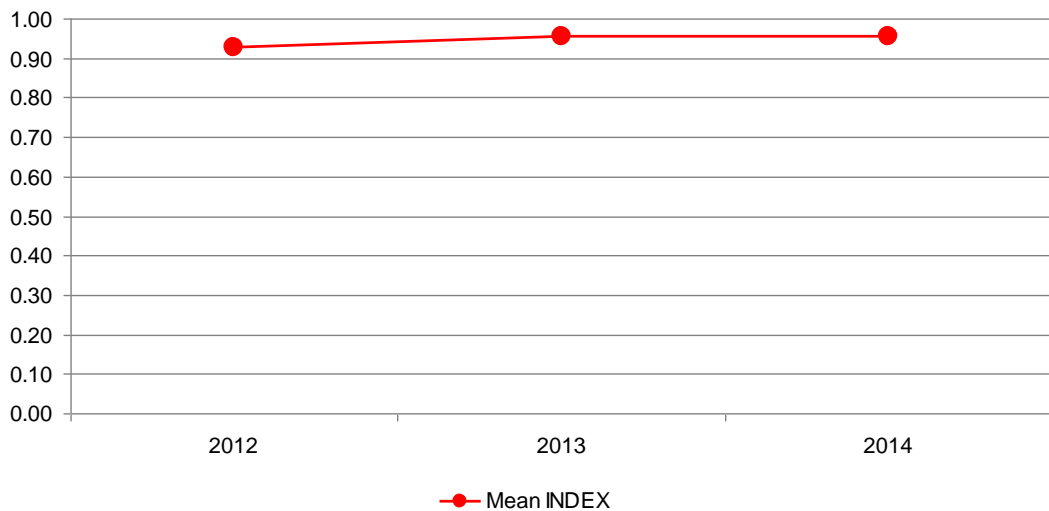


Figure 2 shows the comparison of the last three years, 2014 and 2015 are maintained with an index of 0.95

Figure 2 Time series of the performance for three years



2.- Activities of Lead Centres for GCOS – CHILE

The results of the monitoring performance of the countries received by the center of Germany, the Deutscher Wetter Dienst (DWD) are sent to each focal point indicating problems, and recommendations to solve. Generally the focal point unresponsive.

Through the Infrastructure Working Group of RA III we are working with Peru to install own stations in the same places where are those included in the climat and thus improve their performance.

Chile is working at the program for the transmission of the Climat at BURF, and is expected in the May bulletin to send in this codification.

In several of the countries there is still a significant number of CLIMAT messages that are not being coded correctly, this problem could improve with the transmission in BUFER and the Region III we are working on that.

There are a number of stations in Chile just below the minimum requirement and in most cases this is due to the soundings not reaching the 30hPa level, to solve this problem in Chile we are replacing globes 350 grs. by 600 grs.

The only station Guianas, renamed, of ROCHAMBEAU to Cayene MATOURY, keeping the same number 81405.

The station of Argentina, Jachal (87305) is not sending Climat, due sickness of the observer.

The station of Brasil 83624, was disabled.