

**CBS/GCOS Lead Centre
Direction de la Météorologie Nationale
MOROCCO**

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**Report of CBS Lead Centre for GSN and GUAN Data
for Northern Region I and Madagascar**

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Summary and Purpose of Document

This document provides information on the activities of the CBS Lead Centre and information on the results obtained during the year 2007.

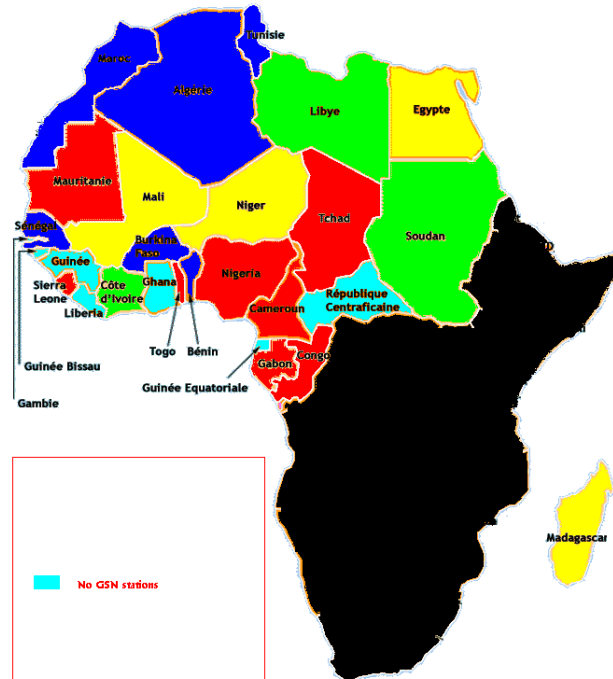
Report of the CBS Lead Centre for GSN Data (DMN, Morocco)

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I am pleased to report on the progress made during the year 2007 by the Moroccan CBS Lead Centre, referred hereafter as the DMN Lead Centre. This is the second report after the first one done for 2006 activities. This report is a summary and a more complete one will be written during the next few months.

One of the main conclusions made during the activities undertaken by the DMN Lead Centre during 2007 is that some Climate reports are not received by NCDC only because there is a lack of a route to these messages through the GTS to reach the centre. The RTHs catalogues are not updated “regularly” (every 3 months as they should be) and some of them are not available through the Internet. So it has been very difficult to actually find the GTS route of country’s messages however and from the monitoring centres we know that some messages do not reach NCDC but do reach DWD and JMA.

The Lead Centre has the responsibility of 30 countries in Africa (with a total of 81 GSN stations and 6 GUAN stations). These countries are: Algeria , Benin, Burkina Faso, Cameroon , Cape Verde, Central African Republic, Chad, Congo, Ivory Coast, Egypt , Gabon, Ghana, Gambia, Guinea , Guinea Bissau , Guinea Equatorial, Liberia , Libyan Arab Jamahiriya, Madagascar, Mali, Niger , Nigeria, Mauritania, Morocco, Senegal , Sierra Leone, Sao Tome and Principe , Sudan , Togo , Tunisia. (Figure below)



Up to present and as a diagnostic summary:

- 23 countries have at least one GSN station.
- 6 Countries routinely generate climate reports, for their GSN stations, which reach the NCDC (with a total of 16 stations) (blue color on the map).
- 9 Countries do not have a focal point for GCOS (red color on the map).
- 5 Countries did not respond yet to emails sent their GCOS focal point (yellow color on the map).
- 3 Countries cooperate already with the DMN Lead Centre through their GCOS focal point (Libya, Sudan and Ivory Coast, green color on the map).
- many GSN stations have never sent a CLIMAT report and are a GCOS stations

At the beginning of the year 2008, contact has been made with the PR of Nigeria who is willing to cooperate with the Lead Centre and the GCOS focal point of Niger has been identified and will be contacted very soon.

Through the contact established with the few GCOS Focal Points, now we know that:

- Libya has no connection to GTS since the line with their RTH has been down for many years. They send their Climate bulletins through the FTAN circuit which is operated by "Civil Aviation Authority". These messages reach the monitoring centres of DWD and JMA but do not reach the NCDC. Latest Climate messages, since 2000, for all GCOS Libyan stations have been elaborated by the Libyan Meteorological Office and sent to the DMN Lead Centre who forwarded them to NCDC.
- Sudan has no connection to GTS. They send their Climate messages by Post to many international centres such as DWD. The Lead centre has proposed to the GCOS FP of Sudan to send their Climate reports to a GTS Internet Gateway. It should be noted that Sudan has the highest number of GSN stations with 12 stations.
- Morocco has proposed the replacement of the NOASSEUR station which has never sent a climate message by KENITRA station (60120) which routinely sends climate messages. The historical climate messages for this station are under calculation and will be sent to NCDC as soon as possible.
- The Ivory Coast ODIENNE station (65528) has been closed by the end of 2002 because it is located in a war area. With the help of the FP a new station will be proposed to

replace the closed one. The focal point of GCOS Mr Abolé N'GBÉ has retired in February 2007; the new focal point is Mr Alioune KAMARA, dockamus@yahoo.fr.

Through the monitoring reports made available by the monitoring centres (DWD and JMA), problems identified in Climate bulletins will be forwarded to their GCOS focal point in order to avoid them in the future. In order to monitor more appropriately climate reports, the DMN Lead Centre is currently seeking from the RTH of France (LFPW) the Climate messages for the countries under its responsibility.

Finally, it is important to underline that many GSN stations have never sent any CLIMAT report and are GCOS stations. Though, a deep work on choosing new stations will be undertaken. This work will not be satisfactory without the help of GCOS focal points. We hope that the Lead Centres will have the eligibility to contact the PRs directly in a formal way. This will help to make contact easily with the GCOS focal point of a country if there is one or ask the PR to nominate someone if there is not. Until then, the Lead Centre will try to get in touch with 'no response' countries with the cooperation of GCOS Secretariat.