



WMO/IOC/UNEP/ICSU
GLOBAL CLIMATE OBSERVING
SYSTEM (GCOS)

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**8th GRUAN Implementation-
Coordination Meeting (ICM-8)**

Session 7

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GRUAN Station Report for Singapore

(Submitted by Lesley Choo)

Summary and Purpose of Document

Report from the GRUAN station Singapore for the period March 2015 to March 2016.



GRUAN Station Report for Singapore (SNG)

Reporting for the period Mar 2015 to Mar 2016

Date: 31-Mar-2016

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Overview

We are in the process of preparing the Singapore Upper Air station for certification as a GRUAN site. Measurement programmes that may contribute to GRUAN data streams in the future include:

- 00 UTC and 12 UTC daily radiosondes releases
- Twice daily PW readings based on GNSS
- Monthly ozonesonde releases

Change and change management

New site, not applicable.

Resourcing

Nil

Site assessment and certification

We are in the process of seeking funding for enhancing our upper air system to support the requirements of GRUAN. Once funding is approved, we will proceed with acquisition and installation of the additional equipment. The procurement and implementation of the GNSS system might require a bit more time because the process is more involved, and we are looking at early 2017 for the complete certification process.

GRUAN-related research

Nil at this moment.

WG-GRUAN interface

It will be very helpful if GRUAN could provide an official letter indicating the need to acquire the humidity chamber/ CFH instruments from a particular supplier. This will help facilitate our procurement process as direct purchases from single suppliers would require additional internal justifications.

Items for ICM-8 plenary discussions

Nil at the moment.

Future plans

Setting up of the GRUAN site

- Commence daily radiosonde data flow to GRUAN
- Acquisition and installation of GNSS system
- Acquisition of Humidity chamber