



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

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Coordination Meeting (ICM-8)**

Session 7

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25 April – 29 April 2016

GRUAN Station Report for Australian Stations (Alice Springs, Darwin, Davis, Macquarie Island, Melbourne)

(Submitted by Matt Tully)

Summary and Purpose of Document

Report from the Australian GRUAN stations for the period February 2015 to February 2016.



GRUAN Station Report for
Alice Springs
Davis
Darwin
Macquarie Island
Melbourne

Reporting for the period Feb 2015 to Feb 2016

Date: 21 April 2016

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Overview

Upper Air programmes have continued at all five sites using the Vaisala RS92 radiosonde.

At present the RSLaunchClient is not being used.

The schedule of RS92 launches is currently twice a day (00Z and 12Z) at all sites except Alice Springs, which is now once a day (00Z) four days a week only.

Weekly ozonesonde flights have continued at Melbourne and Macquarie Island, with a partial program at Davis.

A full schedule of weekly ozonesonde flights was planned for Davis in 2016 however this will not be possible due to damage to the supply ship, *Aurora Australis*, sustained during a blizzard.

The Darwin TCCON FTIR instrument has been relocated from the former ARM site (now closed) to the nearby Berrimah radar site.

Change and change management

Nil

Resourcing

Nil

Site assessment and certification

No Australian sites have yet been certified by GRUAN.

GRUAN related research

Nil

WG-GRUAN interface

It would be helpful if WG-GRUAN could send a letter of encouragement to the Australian PR thanking him for efforts to date and encouraging further progress.

Items for ICM-6 plenary discussions

Nil

Future plans

The Bureau of Meteorology has signed a new deed of supply with Vaisala and will be transitioning from the RS92 to the RS41 in the near future.

It is intended to perform a campaign of dual RS92/RS41 launches at one tropical and one mid-latitude site.

CFH flights are planned to commence once the RS41 has been introduced using software developed at the GRUAN Lead Centre.