



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

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**13th GRUAN Implementation-
Coordination Meeting (ICM-13)**

Session 1

Virtual

15 November - 19 November 2021

GRUAN Site Report for Alice Springs

(Submitted by Matt Tully)

Summary and Purpose of this Document

Report from the GRUAN site Alice Springs for the period January to December 2020.

Overview

Radiosonde (Vaisala RS41) launches are currently being made on average about four times a week (23Z).

Change and change management

No changes in the reporting period.

Resourcing

The station is being staffed Monday-Friday office hours only.

Operations

Balloon launches are made with a “remote balloon launcher” and 350 g balloon. Burst heights are generally between 10-20 hPa. The RsLaunchClient is not being used. Raw data has been submitted to the GRUAN Lead Centre.

Covid-19

No impact

Site assessment and certification

Not yet certified.

GRUAN-related research

NIL

WG-GRUAN interface

NIL

Other archiving centres

Alice Springs is not a GUAN site. Data from the site are archived at BSRN, GAW-PFR and NDACC (Spectral UV).

Participation in campaigns

NIL

Future plans

It is planned that the station will be completely de-staffed (that is, automated, rather than closed) in the next year or so and radiosonde launches automated. The location of the station might also move by up to five kilometres.



GRUAN Site Report for AliceSprings (ALC), 2020

Reported time range is Jan 2020 to Dec 2020

Created by the Lead Centre

Version from 2021-04-27

1 General GRUAN site information

Object	Value
Station name	AliceSprings
Unique GRUAN ID	ALC
Geographical position	-23.7951 °S, 133.8890 °E, 546.0 m
Operated by	BOM Australian Bureau of Meteorology
Main contact	Tully, Matthew
WMO no./name	94326 ALICE SPRINGS
Operators	currently 0, changes +0 / -0
Sounding Site	1

1.1 General information about GRUAN measurement systems

System	Name	Type	Setups	Measurements
ALC-RS-01	Alice Springs radiosonde launch site	Sounding Site	1	0

1.2 General comments from Lead Centre

1.2.1 General

No dataflow to GRUAN LC has been established yet.

2 System: Alice Springs radiosonde launch site (ALC-RS-01)

Object	Value
System name	Alice Springs radiosonde launch site
Unique GRUAN ID	ALC-RS-01
System type	Sounding Site (RS - Radiosonde)
Geographical position	-23.7951 °S, 133.8890 °E, 546.0 m
Operated by	BOM Australian Bureau of Meteorology
Instrument contact	Tully, Matthew
Started at	-
Defined setups	1 (ROUTINE)
Possible streams	RS92

2.1 Lead Centre comments

2.1.1 Dataflow

No dataflow of radiosonde measurements to LC has been established yet.