



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

Doc. 1.01  
(8.X.2020)

---

**12th GRUAN Implementation-  
Coordination Meeting (ICM-12)**

---

Session 1

Virtual

16 - 20 November 2020

## 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 2019.

---



## **Overview**

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

## **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.

## **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) in the next two years and radiosonde launches automated. The location of the station might also move by up to five kilometres.



# GRUAN Site Report for AliceSprings (ALC), 2019

Reported time range is Jan 2019 to Dec 2019

Created by the Lead Centre

Version from 2020-11-05

## 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.