



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

Doc. 1.19
(01.IV.2021)

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

Session 1

Virtual

15 November - 19 November 2021

GRUAN Site Report for Paramaribo

(Submitted by Ankie Piters)

Summary and Purpose of this Document

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

Overview

Paramaribo station is in preparation as a new GRUAN station. The radiosonde measurements (twice a week) and ozonesonde measurements (once a week) will be submitted to GRUAN.

Change and change management

A metadata document was sent to GRUAN-LC in 2020 with a description of the site, the individual components and the operating procedures. There have been no changes with respect to this document.

Resourcing

No resource challenges.

Operations

The MW41 software has to be upgraded to 2.17 with GRUANSupport, and an SHC has to be purchased. Both are foreseen for 2021.

Covid-19

Some of the early-morning launches had to be skipped due to curfew.

Site assessment and certification

Regular data submission via RSLaunchClient is foreseen mid 2021.

GRUAN-related research

n/a

WG-GRUAN interface

n/a

Other archiving centers

NDACC, SHADOZ, WOUDC, BSRN

Participation in campaigns

n/a

Future plans

- update MW41 software to version 2.17 (early 2021)
- purchase SHC (early 2021)
- submit radiosondes and ozonesondes via RSLaunchClient (mid 2021)



GRUAN Site Report for Paramaribo (PMO), 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 | Paramaribo |
| Unique GRUAN ID | PMO |
| Geographical position | 5.8100 °N, -55.2100 °W, 4.0 m |
| Operated by | MDS Meteorologische Dienst Suriname |
| Main contact | Piters, Ankie |
| WMO no./name | 0-20008-0-PMO Paramaribo |
| Operators | currently 0, changes +0 / -0 |
| Sounding Site | 1 |

1.1 General information about GRUAN measurement systems

| System | Name | Type | Setups | Measurements |
|-----------|-----------------------------------|---------------|--------|--------------|
| PMO-RS-01 | Paramaribo Radiosonde Launch Site | Sounding Site | 2 | 0 |

1.2 General comments from Lead Centre

No comments from Lead Centre.

2 System: Paramaribo Radiosonde Launch Site (PMO-RS-01)

| Object | Value |
|-----------------------|---------------------------------------|
| System name | Paramaribo Radiosonde Launch Site |
| Unique GRUAN ID | PMO-RS-01 |
| System type | Sounding Site (RS - Radiosonde) |
| Geographical position | 5.8056 °N, -55.2144 °W, 3.0 m |
| Operated by | MDS Meteorologische Dienst Suriname |
| Instrument contact | Piters, Ankie |
| Started at | 1999-09-02 |
| Defined setups | 2 (OZONE, SUNRISE) |
| Possible streams | ECC, RS41 |

2.1 Lead Centre comments

No comments from Lead Centre.