



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

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

Session 1

Virtual

16 - 20 November 2020

GRUAN Site Report for Cabauw

(Submitted by Lead Centre)

Summary and Purpose of this Document

Report from the GRUAN site Cabauw for the period January to December 2019.



GRUAN Site Report for Cabauw (CAB), 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	Cabauw
Unique GRUAN ID	CAB
Geographical position	51.9700 °N, 4.9200 °E, 1.0 m
Operated by	KNMI Koninklijk Nederlands Meteorologisch Instituut
Main contact	Apituley, Arnoud
WMO no./name	06260 DE BILT AWS
Operators	currently 0, changes +0 / -0
Sounding Site	1
GNSS	1

1.1 General information about GRUAN measurement systems

System	Name	Type	Setups	Measurements
CAB-GN-01	GNSS Site CBW1	GNSS	1	operational
CAB-RS-01	Radiosonde Launch Site (De Bilt)	Sounding Site	4	0

1.2 General comments from Lead Centre

1.2.1 General

Operational data flow of RS41 soundings is in preparation and will be implemented soon.

2 System: GNSS Site CBW1 (CAB-GN-01)

Object	Value
System name	GNSS Site CBW1
Unique GRUAN ID	CAB-GN-01
System type	GNSS (GN - GNSS)
Geographical position	51.5810 °N, 4.5534 °E, 46.0 m
Operated by	KNMI Koninklijk Nederlands Meteorologisch Instituut
Instrument contact	Apituley, Arnoud
Started at	2019-05-16
Defined setups	1 (HOURLY)
Possible streams	-

2.1 Lead Centre comments

2.1.1 Dataflow

No GNSS dataflow to LC has been established yet.

3 System: Radiosonde Launch Site (De Bilt) (CAB-RS-01)

Object	Value
System name	Radiosonde Launch Site (De Bilt)
Unique GRUAN ID	CAB-RS-01
System type	Sounding Site (RS - Radiosonde)
Geographical position	52.1000 °N, 5.1800 °E, 1.0 m
Operated by	KNMI Koninklijk Nederlands Meteorologisch Instituut
Instrument contact	Apituley, Arnoud
Started at	-
Defined setups	4 (ROUTINE, OZONE, ROUTINE2, OZONE2)
Possible streams	RS41, RS92

3.1 Lead Centre comments

3.1.1 Dataflow

Sonde dataflow to the GRUAN LC was operational in a fully automated mode from January 2011 until 15 January 2017.

Dataflow has been interrupted since the change of the operational radiosonde from RS92 to RS41 on 15 January 2017.

Restoration of operational dataflow is in preparation and will be implemented soon.