



## Data policy (B5)

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- Issue raised by some sites:
  - Restrict sharing data of certain instruments connected to the radiosonde
  - First discussed at ICM-11

- A facility for imposing **time limits** on making the data available to the end-user community for different sites should be implemented as this does not contravene WMO Resolution 40 (Cg-XII).  
**In this way sites are more likely to be willing to make their raw data immediately available within the GRUAN community without compromising their rights to first publication of the data** (some funding agencies may even insist that such a data policy is in place).
- GRUAN complies to WMO resolution 42 (Cg-Ext2021)
  - free and unrestricted access to measurement data
  - **Core observational data for Climate**: Data shall be made available in a timely manner, with a **tentative** maximum delay of one year.
  - CC-0/CC-BY
- Determine length of this time limit



## Radiosondes

- RS41
- RS92
- DFM09/17
- iMS-100
- M10

## Operational research

- Ozone sonde
- CFH
- COBALD
- Skydew

## “Guests”

- FLASH-B
- PCFH
- ALBATROSS

## ➤ Original Raw

- Manufacturer-generated raw data (e.g. DC3DB, MWX, GSFZ)
- Includes metadata, processed data, **additional sondes (Ozone, FPH, CFH, CPS etc)**

## ➤ Converted Raw

- same as Original Raw, in NetCDF format. Better accessibility than original raw

## ➤ Intermediate Raw (NetCDF)

- **Composite, filtered data, tailored for a specific application**
- **e.g. Radiosonde GDP + raw data CFH**

## ➤ EDT

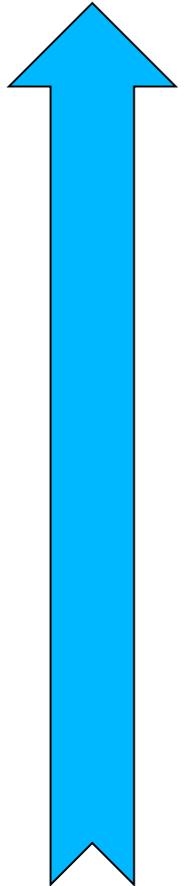
- Manufacturer-processed data, in NetCDF format
- Application: intercomparisons

## ➤ GDP

- GRUAN data product (NetCDF)
- Includes a.o. uncertainties, corrections, raw data, metadata
- Maturity levels
  - Alpha - development stage
  - Beta - ready for analysis/validation/certification
  - Numbered version (GDP-V2) final data product

1. LC
2. GRUAN-internal / GRUAN community
  - WG + TT
3. External on request
  - Registered users
  - Campaigns, special interest in GRUAN data. Not part of 2
4. World
  - Freely available to everyone

**Privileges**



		Lead Centre	GRUAN internal	External on request	World
Original Raw		✓			
Converted Raw (NetCDF)		✓	✓		
Intermediate Raw (netCDF)		✓	✓	✓	
EDT (netCDF)		✓	✓	✓	✓
GDP (netCDF)	Alpha	✓	✓	✓	
	Beta	✓	✓	✓	
	Final	✓	✓	✓	✓

To ensure first-publication rights for the site in case of e.g. campaign activities.

- Not for essential (operational/regular) GRUAN measurements
  - Radiosoundings, GNSS-PW, strat. H<sub>2</sub>O observations
- Can be implemented via the Intermediate-Raw data format

- Draft-version, based on discussion at ICM-11

Feedback:

- FAIR use of data by public users
- Recognition for sites' efforts: site-specific DOI-numbers
- Forum 2 (Tuesday) WMO unified data policy
- CC-license
  - Share with attribution [non-commercial applications?]

# Next steps



➤ Update TN-10

➤ Thoughts?

