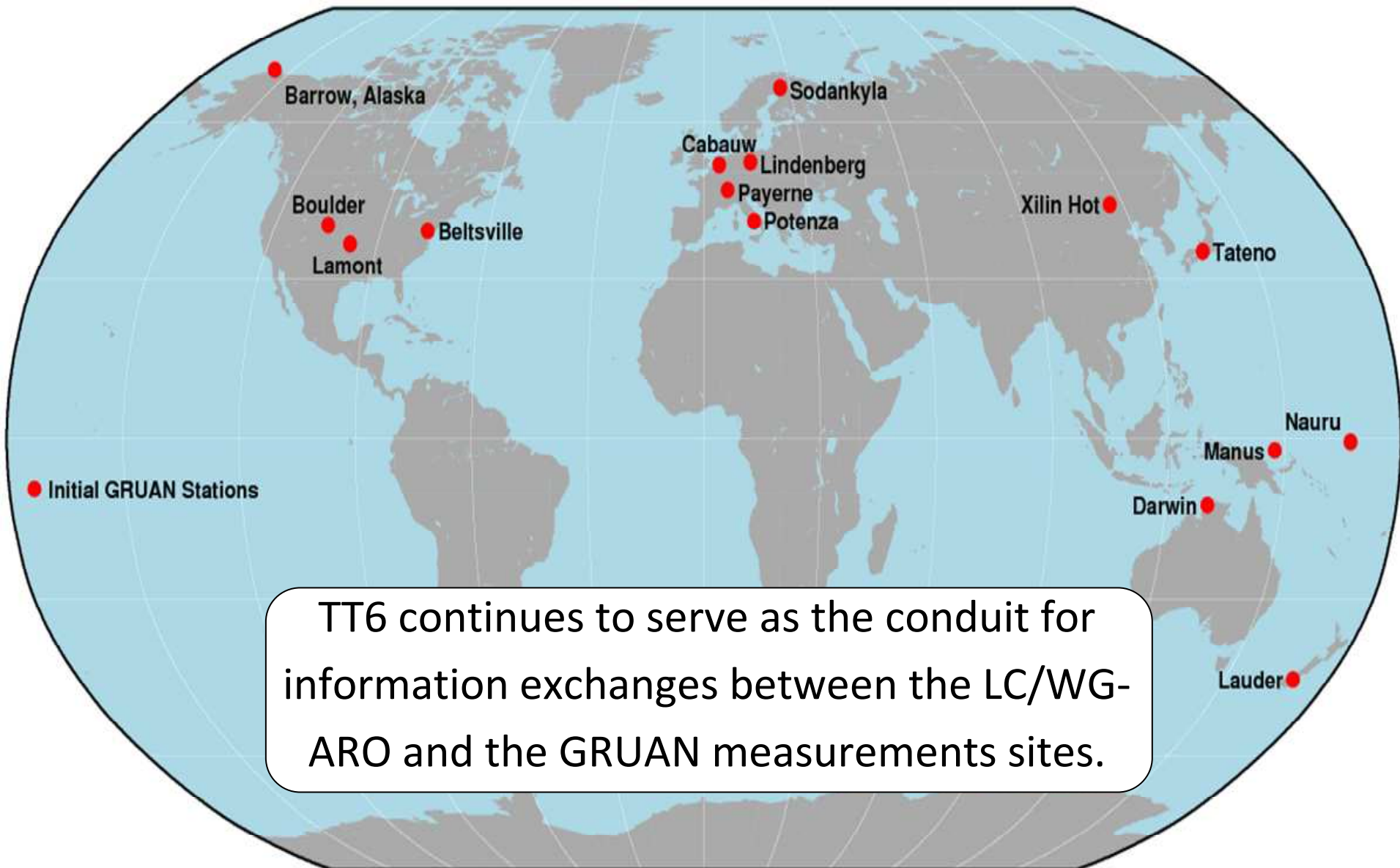


Task Team of Site Representatives - Overview

Dale Hurst and Belay Demoz, Co-Chairs



TT6 continues to serve as the conduit for information exchanges between the LC/WG-ARO and the GRUAN measurements sites.



Task Team of Site Representatives - Overview

TT6 Membership

The composition of the site representatives task team has changed since ICM-3

Cabauw

Martin deGraaf departed, leaving **Arnoud Apituley** as the site representative

Tateno

Hakaru Mizuno departed and was replaced by **Hironobu Yokota**

Lauder

Karin Kreher joined **Paul Johnston** as site co-representative

Belay B. Demoz	Beltsville, USA	co-chair
Dale Hurst	Boulder, USA	co-chair
Arnoud Apituley	Cabauw, Netherlands	
Paul Johnston	Lauder, New Zealand	
Karin Kreher	Lauder, New Zealand	
Rigel Kivi	Sodankylä, Finland	
Fabio Madonna	Potenza, Italy	
Rolf Philipona	Payerne, Switzerland	
Hironobu Yokota	Tateno, Japan	
Douglas Sisterson	DOE/ARM	
LI Wei	Xilinhote, China	
Holger Vömel	Lindenberg, Germany	





GRUAN - GCOS Reference Upper Air Network

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GRUAN: Scheduling of Aerological Soundings

Download this [overview](#) (pdf file)
(as at 2011-09-28)

Sites:	RS92-GDP
Barrow, US	in preparation
Beltsville, US	in preparation
Boulder, US	twice monthly
Cabauw, NL	twice daily, since 2011-01-01
Darwin, AU	in preparation
Lauder, NZ	
Lindenberg, DE	four times daily, since 2010-11-01
Manus, PG	in preparation
Nauru, NR	in preparation
Payerne, CH	in preparation
Potenza, IT	once weekly
SGP, US	in preparation
Sodankylä, FI	once weekly in preparation
Tateno, JP	twice daily, since 2011-06-01
Xilinhote, CN	

GRUAN



Documents



Access to
GRUAN
Documents,
Publications,
and Literature.
[\[more\]](#)

Data



Access to the
GRUAN Data
Products
[\[more\]](#)

Contact



Send an email
to

gruan.lc@dwd.de to contact the
GRUAN Lead Centre.

Web site comments to Michael
Sommer (gruan.bugs@dwd.de).

[\[more\]](#)

Site Measurement Inventory (as of Feb 2012)

			Bar	Bel	Bou	Cab	Dar	Lmt	Ldr	Lnd	Man	Nau	Pay	Pot	Sod	Tat	Xil
P, T, U	profile	RS92-SGP		W	W	½D			W	¼D			½M	W	½D	½D	
P, T, U	profile	Intermet iMet-1		M	½M				M	½M							
P, T, U	profile	RS80			½M										2M		
P, T, U	profile	SRS-C34											½D				
P, T, U	profile	Graw DFM-09								W							
Temperature	profile	MWR		C									½H	C			
Temperature	profile	LIDAR											½H				
H2O	profile	NOAA FPH			M				M								
H2O	profile	CFH		M						½M					2M		
H2O	profile	Snow White											½M				
H2O	profile	LIDAR		W		½W				I			½H	⅓W			
H2O	profile	MWR		C		C							2H	C			
H2O	profile	FTIR			M				⅓W						M		
H2O	column	GNSS-PW		½H	½H	½H			⅓H	¼H			½H	½H	H	H	
H2O	column	MWR		C		C				C			2H	C			
H2O	column	Sun Photom.												C			
H2O	column	FTIR			M				⅓W						M		
Winds	profile	RS92-SGP		W	W	½D			W	¼D				W	½D	½D	
Winds	profile	Intermet Imet-1		M	½M				M	½M							
Winds	profile	SRS-C34											½D				
Winds 3D	profile	Doppler Radar				C										⅓H	
Winds 3D	profile	Doppler Lidar														½D	
O3	profile	ECC		W	W	W			W	W			⅓W		W	W	
O3	profile	Microwave											½H				
O3	column	Dobson			½D				¼D	D			D			¼D	
O3	column	Brewer				C				D			D		D	H	
O3	column	SAOZ													½D		
CH4	profile	FTIR			M				⅓W								
CH4	column	FTIR			M				⅓W						M		
Net Radiation		Radiometers		C	C	C										C	
In SW Radiation	daytime	Radiometer		C	C	C			C					C		C	
Out SW Radiation	daytime	Radiometer		C	C	C										C	
In LW Radiation	daytime	Radiometer		C	C	C			C					C		C	

Priority 1

Priority 2

Interval Between Measurements: C = continuous; H = hourly; D = daily; W = weekly; M = monthly; I = irregularly
 Example: ½H = every 30 minutes; 2D = every 2 days
 Red Text = measurements being

Site Measurement Inventory (as of Feb 2012)

			Bar	Bel	Bou	Cab	Dar	Lmt	Ldr	Lnd	Man	Nau	Pay	Pot	Sod	Tat	Xil
Out LW Radiation		Radiometer		C	C	C										C	
Radiances	daytime	Radiometer		C	C	C								C		C	
AerOpDpth	daytime	Sun Photom.		C	C	C			C					C			
AerOpDpth	daytime	Radiometer		C					C								
Aerosol	profile	Lidar				½W			⅛M					⅓W			
TotMassConc	profile																
Chem Mass Conc	profile																
Light Scattering	profile																
Light Absorption	profile																
Cloud Base Ht		Ceilmeter												C			
Cloud Lyr Ht/Thk		Ceilm+Radar		C										C			
CO2	profile	FTIR			M				⅓W								
CO2	column	FTIR			M				⅓W						M		

● Initial GRUAN Stations

Manus
Darwin

If your site data are missing from or are incorrectly displayed in this table, please send the requisite information to the TT6 co-chairs.

We will soon be posting this matrix on the GRUAN website!

Interval Between Measurements: C = continuous; H = hourly; D = daily; W = weekly; M = monthly; I = irregularly
 Example: ½H = every 30 minutes; 2D = every 2 days
 Red Text = measurements being

Task Team of Site Representatives - Overview

TT6 Activities


During the last year most exchanges of information through TT6 were centered around discussions and approvals of GRUAN documentation

Task	Description	Status
Network Design	TT6 co-Chair to participate in network design workshop.	Done. Dale Hurst is hoping to attend
Data Policy	Comment on GRUAN data policy statements.	Completed: No comments received
Manual of Operations	Assist LC/WG-ARO in its completion.	Direct contribution to Greg B. Completed.
Data Usage Protocol	Collect acknowledgement requirements from sites. Agree and implement data usage.	Done. Through direct interaction with Greg Bodeker.
Assessment	Assist WG-ARO in assessment certification criteria draft for adoption in time for ICM-4.	Completed



Task Team of Site Representatives - Overview

TT6 Activities



Task	Description	Status	
TT6 Representation in WG-ARO	Correction of an anomaly: A Co-Chair of TT6 should be part of the WG-ARO.	Completed. Belay Demoz is now serving in the WG-ARO.	
RS92 Launch Basics	Contribute to unified RS92 launching procedures for GRUAN sites.	In preparation. See LC report.	
Site Inventory	Create a document of GRUAN site measurement and instrumentat inventory.	Mostly completed but still need input from several sites.	
TT3 needs Representative from TT6	TT3 (scheduling) Co-Chairs requested a shared task team member.	To date, this request remains unfulfilled. (any volunteers?)	

