



G-VAP – Workshop

22 - 23 September 2016

Agenda

Venue:

**EUMETSAT Headquarters,
Eumetsat Allee 1,
D-64295 Darmstadt, Germany**

*Version 1.2
23 September 2016*

Thursday, 22nd Sep 2016

09:00 – 09:10	Welcome <i>Klaes</i>
09:10 – 09:25	Overview on G-VAP [01] <i>Schröder, Shi</i>
09:25 – 09:35	Aims of meeting [02] <i>Schröder, Shi</i>
09:35 – 09:50	G-VAP report: status and feedback [03] <i>Schröder, all</i>
09:50 – 10:10	Overview of water vapour products at EUMETSAT [04] <i>August</i>
Discussion	
10:30 – 11:00	Coffee break
11:00 – 12:00 (15 min each)	An intercalibrated dataset of TCWV and Wet Tropospheric Correction based on MWR on board ERS-1, ERS-2 and Envisat [05] <i>Fell</i>
	Update on the UW SSEC/CIMSS Global Clear Sky IR Moisture Products derived from HIRS and MODIS data [06] <i>Menzel</i>
	Decadal variations in IWV time series estimated using GNSS [07] <i>Alshawaf</i>
Discussion	
12:00 – 13:30	Lunch break
13:30 – 15:30 (15 min each)	Impact of temporal and spatial sampling on water vapor products [08] <i>Crewell</i>
	Vertical resolution and sensitivity in IASI sounding products at EUMETSAT [09] <i>August</i>
	The impact of sampling on the uncertainty [10] <i>Ho</i>
	Water vapor histograms from GPS RO [11] <i>Kursinski</i>
Discussion	
15:30 – 16:00	Coffee break
16:00 – 17:30 (15 min each)	TCWV from OCO-2: methodology and evaluation [12] <i>Nelson (remote)</i>
	TCWV from MERIS and MODIS and results from analysis [13]

	<i>Preusker (remote)</i>
	Results from intercomparison of full G-VAP archive [14] <i>Lockhoff</i>
	Assessing the homogeneity of long-term TCWV [15] <i>Schröder</i>
	Trends in precipitable water and their diurnal asymmetry [16] <i>Wang</i>
Discussion	
17:30	Adjourn

Friday, 23rd Sep 2016

09:00 – 10:00	An introduction to the SPARC WAVAS2 activity [17] <i>Stiller</i>
	SPARC WAVAS2: Assessment of Upper Tropospheric Humidity measurements from Satellite [18] <i>Read</i>
	G-VAP: Intercomparison of UTH products, climate variability and consistency analysis [19] <i>Shi</i>
Discussion	
10:30 – 11:00	Coffee break
11:00 – 12:30 (15 min each)	Collocation: best practices and related uncertainties [20] <i>Calbet</i>
	Assessment of AIRS tropospheric humidity profiles with characterised radiosonde soundings [21] <i>Trent</i>
	Intercomparison of humidity and temperature profile products [22] <i>Lockhoff</i>
	Assessment of the degree of homogeneity in humidity and temperature profiles products [23] <i>Lockhoff</i>
Discussion	
12:30 – 14:00	Lunch break
14:00 – 14:20	Evaluation of humidity profiles using NPROVS [24] <i>Reale (remote)</i>
14:20 – 14:35	Evaluating the stability of the NOAA HIRS TCWV record [25] <i>Trent</i>

14:35 – 14:50	Recent advances in the retrieval of TCWV from GOME: results from the GOME EVL project [26] <i>Wagner</i>
14:50 – 15:15	Finalising the G-VAP report: feedback implementation and last steps [27] <i>Schröder, Shi, all</i>
15:15 – 15:25	Further output: data, recommendations, ... [28] <i>Schroeder</i>
15:25 – 15:35	G-VAP continuation [29] <i>Schroeder</i>
Discussion	
16:00 – 16:30	Coffee break
16:30 – 16:45	Preparing the G-VAP overview paper [30] <i>Schroeder</i>
16:45 – 17:15	Wrap-up, next meeting
17:15 – 17:30	All other business
17:30	End

Appendix A List of participants

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