



G-VAP – Workshop

30 September - 02 October 2013

Agenda

Venue:

**Cooperative Institute for Research in the Atmosphere (CIRA)
Colorado State University
Fort Collins, USA**

*Version 1.0
26 August 2013*

Monday, 30th Sep 2013

09:00 – 09:15	Welcome <i>Kummerow</i>
09:15 – 09:30	Aims of meeting and logistics <i>Schröder, Shi, Divico</i>
09:30 – 10:30 (15 min. each)	Continuous water vapour observations at ARM sites <i>Newsom</i> The ESA DUE SSM/I+MERIS product <i>Lindstrot</i> IASI retrieval and evaluation activities at EUMETSAT <i>August</i> NASA Water Vapor Project-MEaSURES (NVAP-M) global water vapour dataset: Early results for climate studies <i>Vonder Haar, Forsythe</i>
10:30 – 11:00	Coffee break
11:00 – 11:15	Trend comparison between GNSS and satellite microwave observations <i>Wang</i>
11:15 – 11:30	Regional trends in precipitable water vapour <i>Roman</i>
11:30 – 11:45	ESA's MWR project <i>Bennartz</i>
11:45 – 12:15	An introduction to the GEWEX products <i>Kummerow</i>
12:30 – 14:00	Lunch break
14:00 – 14:30	GEWEX water vapour and temperature profiles <i>Rossow</i>
14:30 – 15:00	G-VAP plan, web and data fact sheet <i>Schroeder</i>
15:00 – 15:30	Water vapour and profile validation using NPROVS/GPROVS <i>Reale, Gambacorta</i>
15:30 – 16:00	IASI/AIRS validation using radiosondes <i>Trent</i>
15:30 – 16:00	Coffee break
16:00 – 17:30 (15 min. each)	First results from inter-comparison <i>Lockhoff</i> Assessing homogeneity <i>Lockhoff</i> Trends in TCWV and theoretical expectation <i>Schröder</i>

First Level2 evaluation*Lockhoff*

17:30

Adjourn

Tuesday, 1st Oct 201309:00 – 10:30
(15 min. each)UTH inter-comparison*Shi, Yang*Correlation of UTH data records to climate indices*Shi, John*Trends in UTH*Schröder*Latest results from GPS-RO*Kursinski*

10:30 – 11:00

Coffee break

11:00 – 12:30

Introduction to discussion on how to assess homogeneity and stability
(Group discussion)*Moderator: Bennartz; Rapporteur: Lindstrot*

12:30 – 14:00

Lunch break

14:00 – 14:30

Summary of group discussion
Moderator

14:30 – 15:30

Introduction to discussion on how to find reasons for distinct differences in
space and time (Group discussion)*Moderator: Schröder; Rapporteur: Lockhoff*

16:00 – 17:00

Group discussion continued

17:00

Adjourn

Wednesday, 2st Oct 2013

08:30 – 09:00

Summary of group discussion
Moderator

09:00 – 09:30

An introduction to SPARC water vapour II*Rosenlof*

09:30 – 10:30

Introduction to discussion on SPARC/G-VAP cooperation (Group discussion)
Moderator: Rosenlof; Rapporteur: Schröder

10:30 – 11:00

Coffee break

11:00 – 11:30	Summary of group discussion <i>Moderator</i>
11:30 – 12:00	Wrap-up, next meeting
12:00 – 12.30	AoB
12:30	Expected end

List of participants

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* Monday only

** remotely on Monday