

ESA Water Vapour Climate Change Initiative - 2nd User workshop

Monday, 14 October 2024

Tropospheric Water Vapour - Room 4001b (14:30 - 15:30)

-Conveners: Michaela Hegglin

time	[id] title	presenter
14:30	[43] (Invited) Large uncertainties in near-surface humidity over oceans	WILLETT, Kate
15:00	[59] A combined total column water vapour data record from microwave and near-infrared imager observations: new developments and results from validation and applications	SCHROEDER, Marc
15:15	[55] Evaluation of CMIP6 models using ESA satellite data over tropical region : a case study of the atmospheric water vapor and clouds	LANGUE, Cedric

Tropospheric Water Vapour - Room 4001b (16:00 - 17:30)

-Conveners: Helene Brogniez

time	[id] title	presenter
16:00	[81] Examining Water Vapour Residency Times from Observational and Model Ensembles	TRENT, Tim
16:15	[66] Long-Term Water Vapor Observations at the Arctic Research Station AWIPEV, Ny-Ålesund (Svalbard)	Dr EBELL, Kerstin
16:30	[68] Evaluating water vapour products of state-of-the-art models and satellite products in the Arctic Ocean	WALBRÖL, Andreas
16:45	[64] A comparative study of the atmospheric water vapor, stratocumulus, and rainfall between the Atacama and Namib desert	VICENCIO VELOSO, José Miguel
17:00	[44] (online) Water vapour isotopologue observations from space and their scientific potential	SCHNEIDER, Matthias
17:15	[80] A geostationary satellite-based estimate of convective mass flux and its implications for water vapor studies	Dr LUO, Zhengzhao Johnny

Tuesday, 15 October 2024

Tropospheric Water Vapour - Room 4001b (09:00 - 10:30)

-Conveners: Marc Schröder

time	[id] title	presenter
09:00	[70] (Invited, online) Creating a Long-Term TCWV Climate Data Record Using Ground-Based GNSS Observations	BOCK, Olivier
09:30	[50] Comparison Between GNSS Radio Occultation and RAL IMS Water Vapour Profiles	LUDWIG BARBOSA, Vinícius
09:45	[53] (online) Global and Regional Atmospheric Water Vapor Trends from STAR Multi-Radio Occultation Mission Data and Their Relationship with Surface Temperature Warming	SHAO, Xi
10:00	[40] Global total column water vapor 1991 until current from ERS-1 to Sentinel-3	BENNARTZ, Ralf

Tropospheric Water Vapour - Room 4001b (11:00 - 12:30)

-Conveners: Marc Schröder

time	[id] title	presenter
11:00	[52] Integrated water vapor content retrieval above clouds from SWIR satellite observations in the context of C ³ IEL mission	CORNET, Céline
11:15	[46] (online) Total column water vapour operational products for Sentinel-4, -5 and 5P	LELLI, Luca
11:30	[51] Generative NWP as a Tool for Predicting Extreme Precipitation Events	BRUNO, Antonio Giovanni
11:45	[39] (online) Extending and Reprocessing the NASA NVAP-M Water Vapour Dataset	FORSYTHE, John
12:00	[49] Characterization of the specific humidity product in ROM SAF reprocessed data records	NIELSEN, Johannes K.