La Reunion Island (21°S, 55°) SHADOZ/NDACC station

First reprocessed ozonesonde data and comparisons with lidar measurements at the Maïdo Observatory

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MORGANE Campaign April-July 2015 (Maïdo ObservatoRy Gas and Aerosol Ndacc Experiment) : blind test intercomparison between lidars (T°, O3, and water vapour) from OPAR and from NASA/GSFC mobile laboratory in view of the (re)labellisation of OPAR lidars in the NDACC:

- Intercomparisons between Ozonesondes (ECC), Tropospheric (LiO3T) and Stratospheric (DIAL) lidars
- Comparison of the total ozone integrated column amount between the ozonesonde and OMI : from -6.0% to +5.9% and La Reunion SAOZ : from -4.0% to +4.1%
- Mean profiles with 19 ECC, 45 DIAL and MLS between May and December 2015 (MORGANE campaign + NDACC routine measurements)

First reprocessed Ozone data (1998-2015)

Ancillary Comparisons : Water Vapor, Temperature and zonal wind