

Initial retrieval inter-comparisons from the European AQUA Thermodynamic Experiment

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The European AQUA Thermodynamic Experiment (EAQUATE) was conducted during September, 2004 in Italy and the United Kingdom to demonstrate certain ground-based and airborne systems useful for validating hyperspectral sounding observations from satellites. The main focus of the EAQUATE was placed on validation of the AIRS instrument on the EOS Aqua satellite. We report on some initial inter-comparisons between thermodynamic products from these ground-, airborne-, and satellite-based measurements, and demonstrate the validation capability of the field instruments used during the EAQUATE campaign.

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