



More than one year of data from the Ozone Monitoring Instrument - Validation

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The Ozone Monitoring Instrument (OMI) is one of four instruments on the NASA EOS-Aura satellite that was successfully launched on July 15th, 2004. OMI is a compact nadir viewing, wide swath, ultraviolet-visible (UV/Vis) imaging spectrometer that was contributed to the Aura mission by the Netherlands and Finland. Starting from September 26th of 2004, OMI is producing science data on a nominal basis.

In this contribution we present an overview of the validation results as achieved during the first 1.5 years of OMI operation. Validation results comprise of OMI comparisons with ground based Brewer, Dobson, FTIR and SAOZ observations, the results of a series of NASA Aura Validation Experiment (AVE) campaigns, and results achieved within the framework of the OMI Announcement of Opportunity. Furthermore we will introduce and discuss the role of the Aura Validation Data Center (AVDC) and provide an update on current and planned validation activities.

Please visit the OMI Home Page [<http://www.knmi.nl/omi>] for more information on OMI.