



TROPOMI/S5P Trace Gas, UV, Cloud and Aerosol Operational Products

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The Sentinel 5 Precursor (S5P) mission is a sun-synchronous polar satellite system scheduled for launch in 2017. The payload of the S5P mission is the TROPOspheric Monitoring Instrument (TROPOMI) that will provide key information on air quality, climate and the ozone layer with high spatial resolution and daily global coverage.

We present an overview of the work being performed by the S5P Level 2 Working Group (L2WG) for the development of TROPOMI geophysical products including O_3 , NO_2 , SO_2 , HCHO, CO, CH_4 , as well as UV, cloud and aerosol products. The L2WG is organized in three groups covering: (i) retrieval algorithms, (ii) scientific verification, and ultimately (iii) the data processors to be used in the ground-segment for the generation of the operational S5P products.

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