

Status of the operational Copernicus Sentinel-5 Precursor Geophysical Products

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Sentinel-5 Precursor (S-5P) is the first of a series of atmospheric chemistry missions to be launched within the European Commission's Copernicus (former GMES) Programme and was launched during Oct. 13 2017. S-5P will provide continuity in the availability of global atmospheric data products between its predecessor missions SCIAMACHY (Envisat) and OMI (AURA) and the future Sentinel-4 and -5 series. The payload of the S5P mission is the TROPOspheric Monitoring Instrument (TROPOMI) that provides key information on air quality, climate and the ozone layer with high spatial resolution and daily global coverage.

We present the status of the TROPOMI geophysical products including O₃, NO₂, SO₂, HCHO, CO, CH₄, as well as cloud and aerosol products.

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