



Mission Status Report 198

Reference Period: July 2023

Mission Status

- The mission is sensing systematically all land and water areas indicated [here](#), and the detailed mission acquisition plans are regularly published [here](#).
- The observation scenario is being acquired according to the [HLOP \(Sentinel High Level Operations Plan\)](#).
- Level-1C (top-of-atmosphere reflectance) and Level-2A (surface reflectance) products are available on the [Copernicus Data Space Ecosystem](#), the [Copernicus Open Access Hub](#) and the [Data and Information Access Service \(DIAS\) platforms](#).
- On-going the distribution of Sentinel-2 Collection-1 through the [Copernicus Data Space Ecosystem](#) and the DIAS platforms [CREODIAS](#), [ONDA](#) and [MUNDI](#), with latest status available [here](#).
- Information on data quality is available in two reports, one for [L1C products](#) and one for [L2A products](#).
- The Copernicus Sentinel-2 Global Reference Image (GRI) has been made available to all users as a free and open product. Further details available [here](#).
- The Copernicus Precise Orbital Determination (CPOD) has improved the accuracy of the service's outputs by incorporating a new time variable gravity field model into its data processing procedures. Further details available [here](#).
- As a consequence of acquisition anomalies on 16 and 20 July 2023, some data was lost as detailed [here](#) and [here](#).
- Due to an operational mistake, a few Sentinel-2 Collection-1 products issued from the on-going reprocessing activities, and featuring an anomaly in their True Colour Image (TCI) component metadata, have just been released on the dissemination channels in the year 2019 sensing time frame. Further details and the list of products is available [here](#).
- Ground segment anomalies and outages impacting the availability of the data access during the period are reported via the [news](#) page.
- The eighth Copernicus Sentinel Data Access Annual Report has been published. This Report analyses the uptake of Copernicus Sentinel data and the performance of the Sentinel Data Access System during 2022. Further details and report available [here](#).
- The following articles related to Sentinel-2 were published during the reporting period:
 - [Copernicus Sentinel-2 pieces together mosaic of Antarctica](#)
 - [Satellites map aftermath of Emilia-Romagna floods](#)
 - [Copernicus Sentinel-2 helps map Italy's mudslides](#)
 - [Rhodes wildfire forces thousands to flee](#)
 - [Litli-Hrútur eruption seen from space](#)
 - [Elements: FIRE](#)
 - [Kick-Off of the DUNIA Project - Copernicus Data Access and Exploitation for Africa](#)
- Sentinel-2 videos and images have been published and are available [here](#).

Outlook

- The Copernicus Data Hub distribution service will face a gradual ramp-down of the operations capacity and data offering from July 2023 until September 2023. Further details available [here](#).
- Further upgrades of the [Copernicus Data Space Ecosystem](#) in line with the service roadmap and short-term coming features are described [here](#).
- Further distribution of Collection-1 products through the [Copernicus Data Space Ecosystem](#). The latest status on the Sentinel-2 archive reprocessing and the Collection-1 product features are available [here](#).
- The 6th S2VT (Sentinel-2 Validation Team) meeting will take place on 12-14 September 2023 at ESA-ESRIN in Frascati, Italy. More information on the registration procedure and abstract submission are available [here](#).
- Distribution of Level-1B products through the [Copernicus Data Space Ecosystem](#) in October 2023.