



## Mission Status Report 184

Reference Period: May 2022

sentinel-2

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### 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 new observation scenario, according to the recently approved [HLOP \(Sentinel High Level Operations Plan\)](#) has been programmed for S2A starting on 06 June 2022 and 11 June for S2B. Main changes concern the acquisition of all small islands/atolls and the extended coverage of the Sargassum Sea.
- Completed the ad-hoc acquisition campaign offering an extended coverage of the Seychelles for supporting scientific studies aiming at better estimating the carbon stock in seagrass soils.
- Level-1C (top-of-atmosphere reflectance) and Level-2A (surface reflectance) products are available on [Copernicus Open Access Hub](#) and on [Data and Information Access Service \(DIAS\) platforms](#).
- Information on data quality is available in two reports, one for [L1C products](#) and one for [L2A products](#).
- A set of major Level-1C and Level-2A products upgrades is available since [25 January](#).
- With this upgrade, Level-2A products have become compliant to [CEOS ARD](#) (Analysis Ready Data).
- Sen2Cor Level-2A processor version 2.10, supporting the latest processing baseline, was distributed as described [here](#).
- Some Data Hub anomalies and outages impacted the availability of the data access during the period. Please refer to the [news](#) page for the list of the single events.
- The seventh Copernicus Sentinel Data Access Annual Report is available [here](#).
- The following articles related to Sentinel-2 were published during the reporting period:
  - [Revealing coastline dynamics of the Danube Delta](#)
  - [Tracking agricultural-related deforestation](#)
  - [Copernicus Sentinels help reveal the behaviour of ephemeral rivers](#)
  - [Copernicus Sentinels map water use in agriculture](#)
  - [SNAP Earth observation analysis tool poised to hit one million downloads](#)
- Sentinel-2 videos and images have been published and are available [here](#).
- In 2021, Sentinel-2 remained as the top European mission in terms of scientific peer-reviewed publications (1703 during 2021) and data volume distributed to users.

### Outlook

- Provision of Sentinel-2 Collection 1 (including both Level-1C and Level-2A products) from the re-processing of the complete data archive.
- On 20-21 June will take place the [1st workshop of ACIX-III Land/Aqua and CMIX-II](#) at ESA/ESRIN.