



Mission Status Report 185

Reference Period: June 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](#).
- A new observation scenario, according to the [HLOP \(Sentinel High Level Operations Plan\)](#), is being acquired for Sentinel-2A since 06 June 2022 and for Sentinel-2B since 11 June. Main changes regard the acquisition of all small islands/atolls and the extended coverage of the Sargassum Sea.
- 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](#).
- A new version of the Sentinel-2A and Sentinel-2B spectral response functions. These new versions include minor updates, slight changes of the central wavelengths for band B02 of S2A and S2B, and band B01 of S2A, along with slight changes of the Full Width Half Maximum (FMWH) for most of the bands. These spectral responses are already used by the ground segment since January 2022. Further information can be found [here](#).
- 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](#).
- On 20-21 June took place the [1st workshop of ACIX-III Land/Aqua and CMIX-II](#) at ESA/ESRIN.
- 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:
 - [Methane emissions detected over offshore platform in the Gulf of Mexico](#)
 - [Living Planet Symposium reveals growing impact of Copernicus Sentinel data](#)
 - [Copernicus Sentinels help Europe to shape a greener future](#)
- 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.