



Mission Status Report 165

Reference Period: 01-31 October 2020

sentinel-2

→ COLOUR VISION FOR COPERNICUS

Mission Status

- Despite the critical situation in Europe due to the COVID-19, important efforts are being made to ensure the continuity of the Sentinel-2 mission operations, which up to now remain nominal.
- The Copernicus Sentinel-2 mission is nominally performing global and systematic acquisitions.
- The mission acquisition plans are regularly published at:
<https://sentinels.copernicus.eu/web/sentinel/missions/sentinel-2/acquisition-plans>
- A number of Copernicus Sentinel-2B planned acquisitions were cancelled due to a collision avoidance manoeuvre executed on 03 October.
- Due to a Sentinel-2A collision avoidance manoeuvre that took place between 22 and 23 October, some Copernicus Sentinel-2A planned acquisitions have been cancelled.
- A routine decontamination activity of the Copernicus Sentinel-2A MSI instrument took place over a period of 24-hours between 5 October from 09:00 and 6 October from 09:00 UTC. During this temporal window no MSI acquisition will take place. Correlated calibration activities will be performed around the decontamination period that further affected the nominal acquisition plan between 4 October from 02:00 and 7 October from 07:30 UTC.
- Level-1C top-of-atmosphere reflectance products are available in all Copernicus Data Hubs, i.e. Open Access Hub, Services Data Hub, Collaborative Data Hub and International Hub. Older products are available offline as detailed [here](#).
- Level-2A surface reflectance products since 13th of December 2018, and over the Euro-Mediterranean region since 26 of March 2018, are available in all Copernicus Data Hubs.
- The 2019 Copernicus Sentinel Data Access Annual Report has been published and is available [here](#).
- Information on data quality is available in two reports, one for [L1C products](#) and one for [L2A products](#).
- Since the 04 February, the Copernicus Sentinel-2 products used the new Processing Baselines 02.09 for Level-1C and 02.14 for Level-2A products. More information available [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.
- Due to ground segment contingencies occurring between 13 and 14 October, the nominal availability of several Copernicus Sentinel-2A products from sensing orbit 27731 to 27742 and Copernicus Sentinel-2B products from sensing orbit 18822 to 18834 was prevented. The recovery of missing products was completed during the following days.
- The following articles related to Sentinel-2 were published during the reporting period:
 - [Copernicus Sentinel and Landsat data work together to support archaeological research](#)
 - [2016 Copernicus Masters winners changing the way people use satellite data](#)
- Sentinel-2 videos and images have been published and are available [here](#).

Outlook

- Start of the geometry-refined production using the Global Reference Image (GRI) and Copernicus DEM at 90 m resolution by November 2020.