

sentinel-2

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Mission Status Report 93

Reference Period: 17 - 23 June 2017

Mission Status

- Access to the routine production of Sentinel-2A ortho-rectified Level-1C products and pre-operational Level-2A products is available at <https://scihub.copernicus.eu>. Access to Sentinel-2B products will start shortly.
- The recovery of the last acquisition of 7th April remains on-hold pending the recovery of the raw data from tapes.
- To date, a total of 89,012 users have self-registered on the Sentinels Scientific Data Hub. About 1.12 million products are available for download, cumulating a total volume of 893 TB. Overall, a total volume of 8.1 Petabytes has been downloaded by the user communities from the Open Access Hub, the Copernicus Hub, the Collaborative GS Hub and the International Hub.
- The Sentinel-2 acquisition scenario is published at <https://sentinels.copernicus.eu/web/sentinel/missions/sentinel-2/acquisition-plans>
- The data quality report is published at <https://sentinels.copernicus.eu/web/sentinel/missions/sentinel-2/data-quality-report>
- The acquisition scenario has been executed with an average of 15 minutes of MSI sensing time per orbit, Sentinel-2A is acquiring Europe, Africa and Greenland at 10 days revisit. The rest of the World is revisited every 20-day days. Full systematic 10-day revisit with Sentinel-2A everywhere will be reached once EDRS downlink becomes available operationally, assumed towards Q3-2017. The acquisition scenario of Sentinel-2B is aiming at reaching by mid to end July 2017 the same pattern as Sentinel-2A. Together the two satellites will then achieve a 5-day revisit over Europe, Africa and Greenland and a 10-day revisit over the rest of the world.
- The Flight Operations Segment (FOS) ensuring the monitoring, control and commanding of the satellite is operating nominally.
- The status of both satellites is nominal.
- The activities of the EDRS-A / S2A OCP Commissioning Phase are progressing nominally. Sentinel-2B EDRS User Commissioning will start in Q3/2017.
- X-band data acquisitions are routinely performed by the PDGS over Matera, Maspalomas and Svalbard core stations. The acquired data is systematically processed to Level-0 and Level-1 products, circulated, and archived.
- Operations are nominally performed at the Processing and Archiving Centres and other PDGS operational services (i.e. Mission Performance Centre, Precise Orbit Determination, Wide Area Network).
- A call has been released for a special issue of RSE (Remote Sensing of Environment), for the topic of Science and Applications with Sentinel-2. Submissions are due by 30 September 2017. Please see the Elsevier page for details on the call:
- <https://www.journals.elsevier.com/remote-sensing-of-environment/call-for-papers/science-and-applications-with-sentinel-2>

Outlook

- Second step of final MMFU software update, likely to be executed together with the next MSI decontamination, planned not before July 2017.
- Continuation of the EDRS-A / S2A User Commissioning Phase.
- Opening of data access for Sentinel-2B, planned in Week 27. Access will be provided for a duration of ~3 months on a dedicated Hub infrastructure.