

sentinel-2

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→ COLOUR VISION FOR COPERNICUS

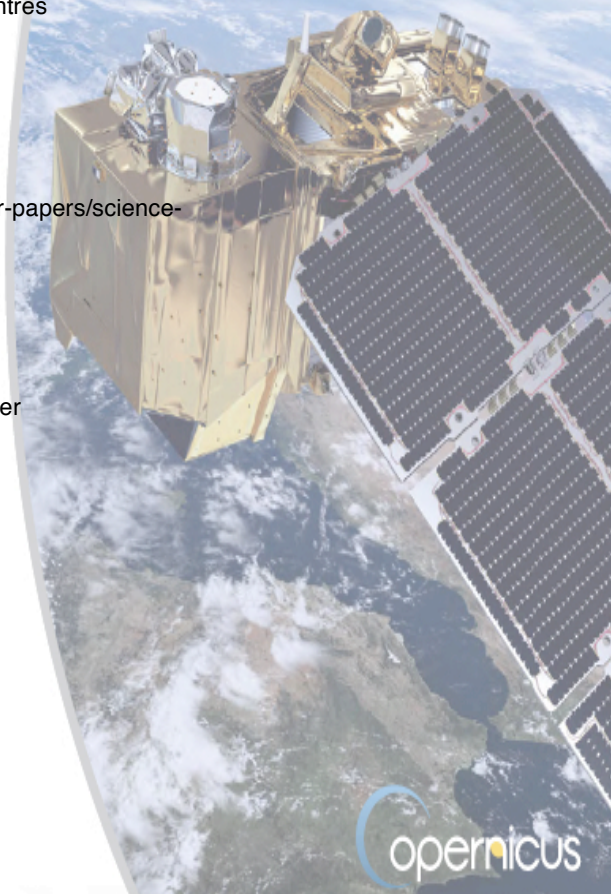
Reference Period: 3 - 10 June 2017

Mission Status

- Access to the routine production of Sentinel-2A ortho-rectified Level-1C products is available at <https://scihub.copernicus.eu>.
- As a consequence of a Sentinel-2 PDGS anomaly, Sentinel-2A products publication in the data hubs was interrupted from 04 to 06 June 2017 (starting from sensing orbit 10181). By 9 June the recovery has been completed.
- The recovery of the last acquisition of 7th April is on-hold pending the recovery of the raw data from tapes.
- To date, a total of 86,817 users have self-registered on the Sentinels Scientific Data Hub. About 1.06 million Level-1C products are available for download, cumulating a total volume of 862 TB. Overall, a total volume of 5.8 Petabytes has been downloaded by the user communities from the Open Access Hub, the Copernicus Hub and the International Hub.
- The Sentinel-2A 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 14.7 minutes of MSI sensing time per orbit, Sentinel-2A is acquiring Europe, Africa and Greenland at 10 days revisit. Since February the 20-day revisit pattern has been introduced for the rest of the world. It will remain in place until either the 4th X-band station or EDRS become available operationally, assumed towards late Q2/early Q3-2017.
- The Flight Operations Segment (FOS) ensuring the monitoring, control and commanding of the satellite is operating nominally.
- The status of the satellite is nominal.
- First data relay links have been performed in the frame of the EDRS-A / S2A OCP Commissioning Phase, and have all completed successfully. The commissioning activities are progressing nominally..
- 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.



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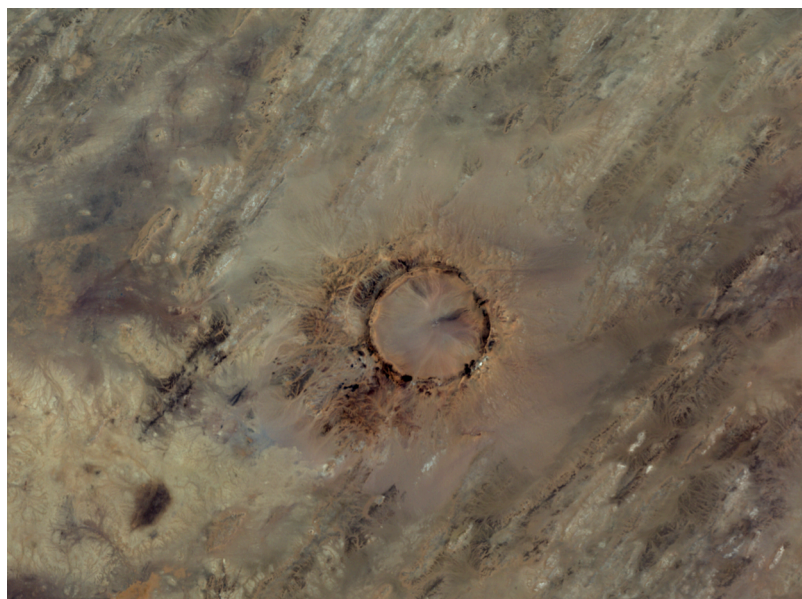
Sentinel-2B In-Orbit Commissioning Phase (IOC)

- All satellite functions are performing nominally.
- All IOC activities have been successfully completed
- The Flight Operations Segment and the Payload Data Ground Segment are operating nominally the S2A and S2B constellation.
- First systematic acquisitions plan covering Europe, Africa and Greenland has been initiated

Outlook

- Next systematic acquisitions plan including also North America
- In-Orbit Commissioning Review (IOCR) planned for the 15th of June 2017

Weekly image



Mauretania Crater, 6 June 2017

