Featured story

New version of the FedEO client

The Federated Earth Observation missions access (FedEO) client provides a unique entry point to a growing number of scientific catalogues and services for, but not limited to, European and Canadian Earth observation missions.

READ MORE

LATEST DATA NEWS

New Ice Baseline E and Near Real Time Processors

On 20 September 2021, the new CryoSat Ice Baseline-E processors were installed into operations within the CryoSat Payload Data Segment (PDS).

READ MORE

UPCOMING EVENTS

ESA Φ-Week | Virtual Event
11-15 October 2021 | Virtual Event
Registration is now open.

READ MORE

17th European Space Weather Week
25-29 October 2021, Technology Innovation Centre, Glasgow, UK

17th European Space Weather Week
11/10/2021

READ MORE

Living Planet Symposium
This event takes place from 23 – 27 May 2022.

23/05/2022

READ MORE
Joining forces for Aeolus

Since it was launched three years ago, Aeolus has far exceeded expectations and frequently hailed a remarkable success. It was developed as a research mission and to demonstrate how novel laser technology could deliver vertical profiles of Earth’s wind. These measurements were much needed, for example by the World Meteorological Organization’s Global Observing System, which is a coordinated system of methods and facilities for making meteorological and environmental observations on a global scale.

Despite Aeolus being built as a research and demonstrator mission, it has proven to be so good that, for more than a year now, its data have been distributed publicly to forecasting services and scientific users in less than three hours of measurements being made from space.

Playing such an important part in forecasting, and with a potential follow-on satellite mission on the table, it is critical to ensure that its data are accurate, particularly for forecasts in the Tropics where large weather systems develop and where Aeolus is said to be making a real difference.