

PROBA2 Science Center

Status Update

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One Monday Morning

- Disaster Strikes
 - Computer says: "Wait"
 - What's happened?
- Commission new server
 - Updated software on ROB hardware
- Decommission old server
 - Updated software on ESA hardware
- Finally everything was back to normal
 - So we thought...

Three months later...

- **Slow operational LYTMR**
 - Ignore warning
- **Slow reprocessing LYTMR**
 - Be patient

LYTMR runtime [s]

0 100 200 300 400 500 600

Sep

Nov

Jan

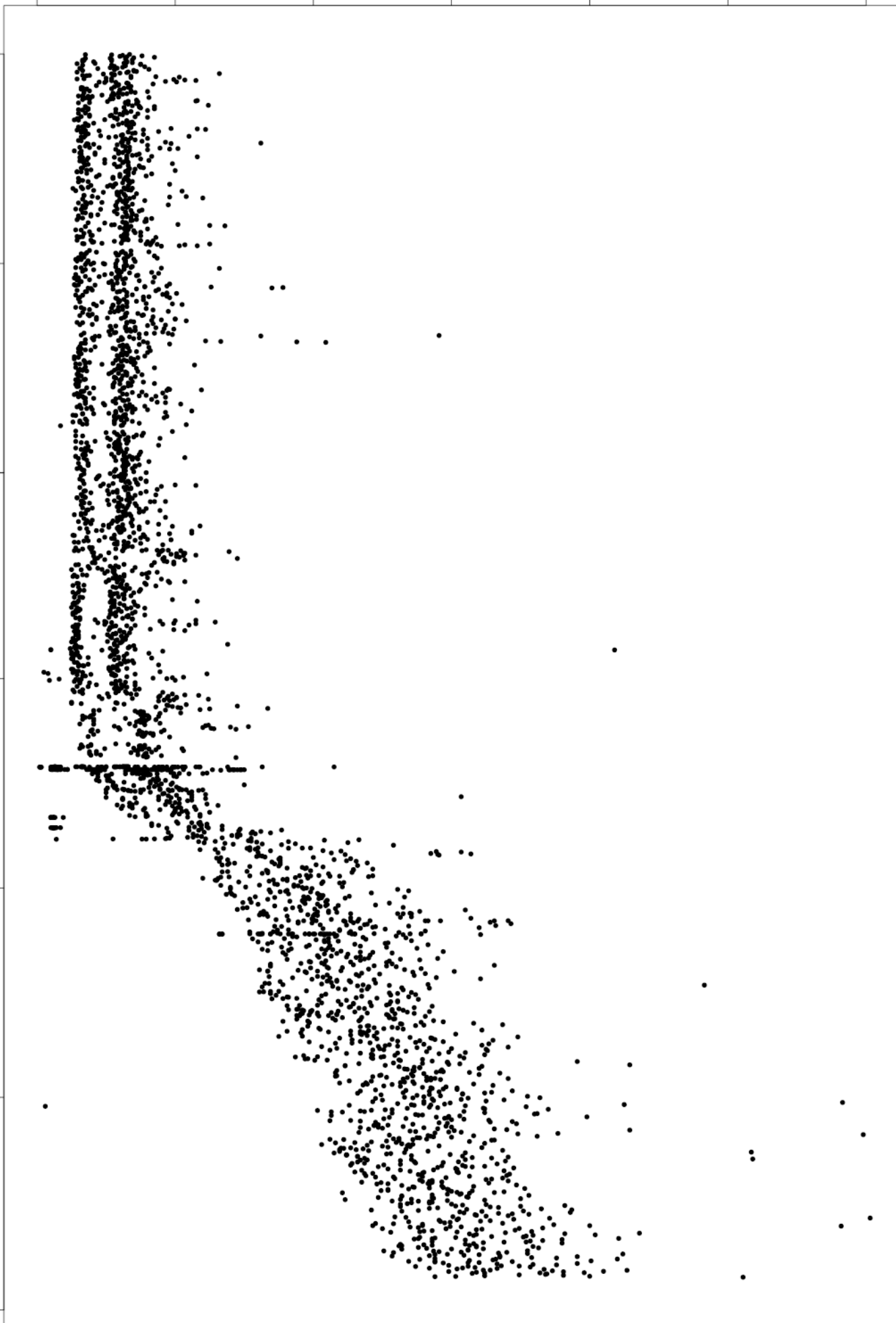
Mar

May

Jul

Sep

LYTMR run



Three months later...

- Slow operational LYTMR
 - Ignore warning
- Slow reprocessing LYTMR
 - Be patient
- Bugfix
 - 2 bytes extra = 20x faster
- LYRA reprocessing: Done
 - Physics (1-AU correction)
 - File format (keywords)
- European Space Astronomy Centre (ESAC)



About PROBA2

- [Mission](#)
- [Spacecraft](#)
- [Launch and Orbit](#)
- [Operations Calendar](#)
- [Science Payload](#)

Science

- [Guest Investigator Program](#)
- [Publications](#)

Data

- [LYRA Data](#)
- [SWAP Data](#)
- [Data analysis software](#)
- [Spacecraft Ancillary Data](#)
- [Terms of use](#)

Community

- [Scientific community involvement](#)
- [Meetings](#)
- [Outreach](#)

About the PROBA2 Science Center

The PROBA2 Science Center, located at the [Royal Observatory of Belgium](#) in Brussels, oversees scientific operations and data processing for ESA's PROBA2 spacecraft. The P2SC is the primary archive and distribution center for data from SWAP and LYRA, as well as the primary maintainer of calibration tools, data analysis software, and additional instrument data. The P2SC is also home to the science operations center, where instrument observing plans are devised and, with the help of ESA's Spacecraft Operations Center in Redu, Belgium, loaded onto the spacecraft. Finally, the P2SC serves as the main site for coordination of the PROBA2 Science Working Team, coordinating special scientific campaigns, supporting science data users and guest investigators, and organizing PROBA2 outreach efforts.



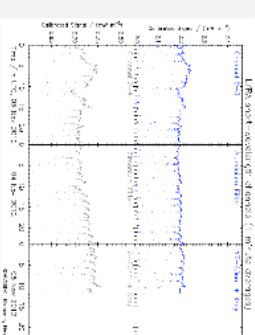
PROBA2 is a small ESA satellite with a scientific mission to explore the active Sun and its effect on the near-earth environment and a broader mission to provide a test platform for new instrument and platform technology. The [mission overview](#) page provides additional information about PROBA2 and its on board instrumentation and advanced platform technology.

If you require special assistance, you can contact the instrument teams directly using the [contact](#) page on this site.

Job openings

Applications are invited for two positions at the Solar Influences Data analysis Center (SIDC) at the Royal Observatory of Belgium (ROB). [Read more...](#)

LYRA Latest



SWAP Latest

