

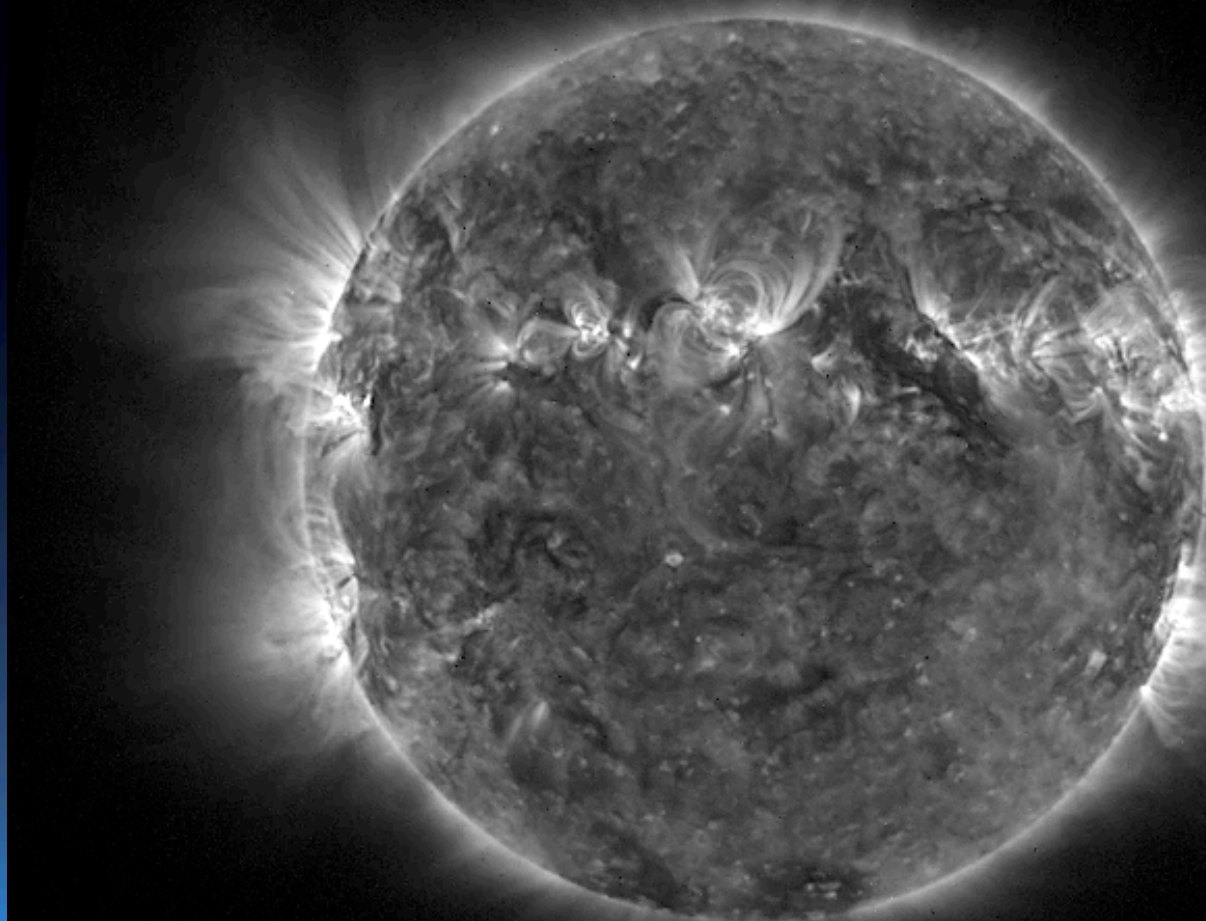


SWAP

status Nov 29 2011

D. Berghmans for the SWAP team

PROBA2/SWAP 174 2011-11-29T05:21:40.594



PROBA2/SWAP 174 2011-11-29T00:07:15.542

FIRST LIGHT

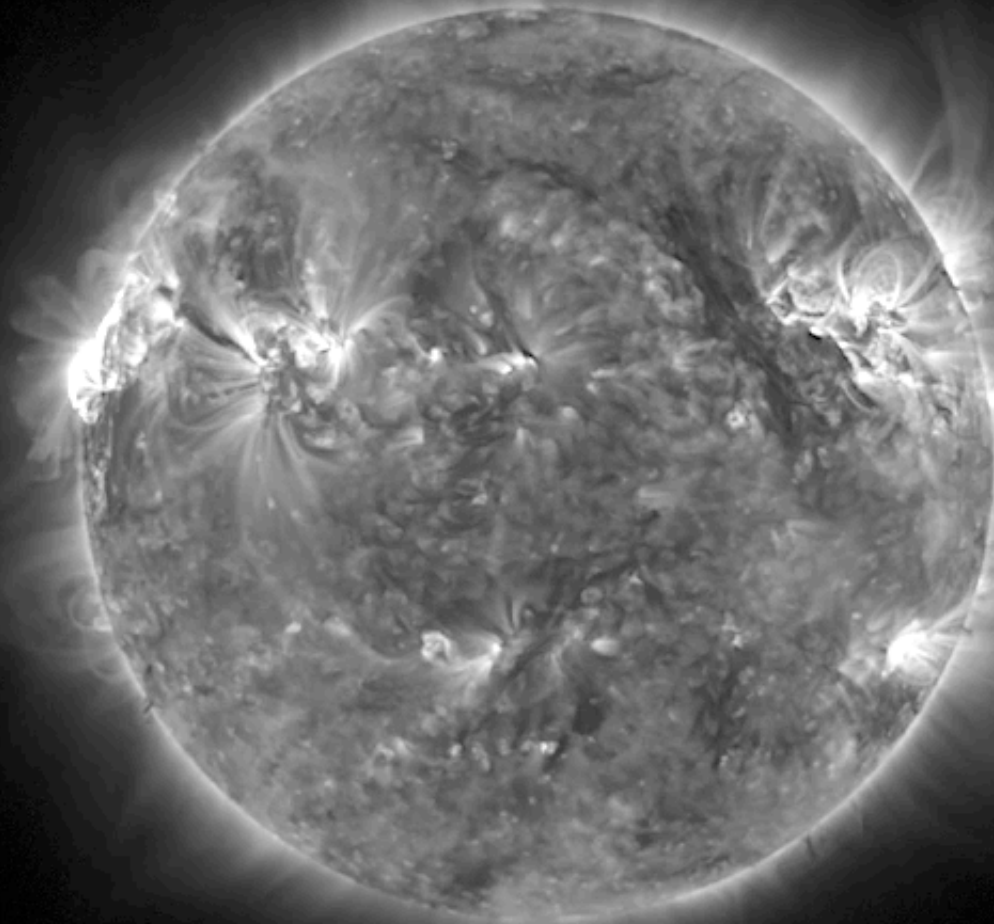
December 14, 2009, 21:44:19 UTC

2 YEARS LATER

> 400 000 images online available

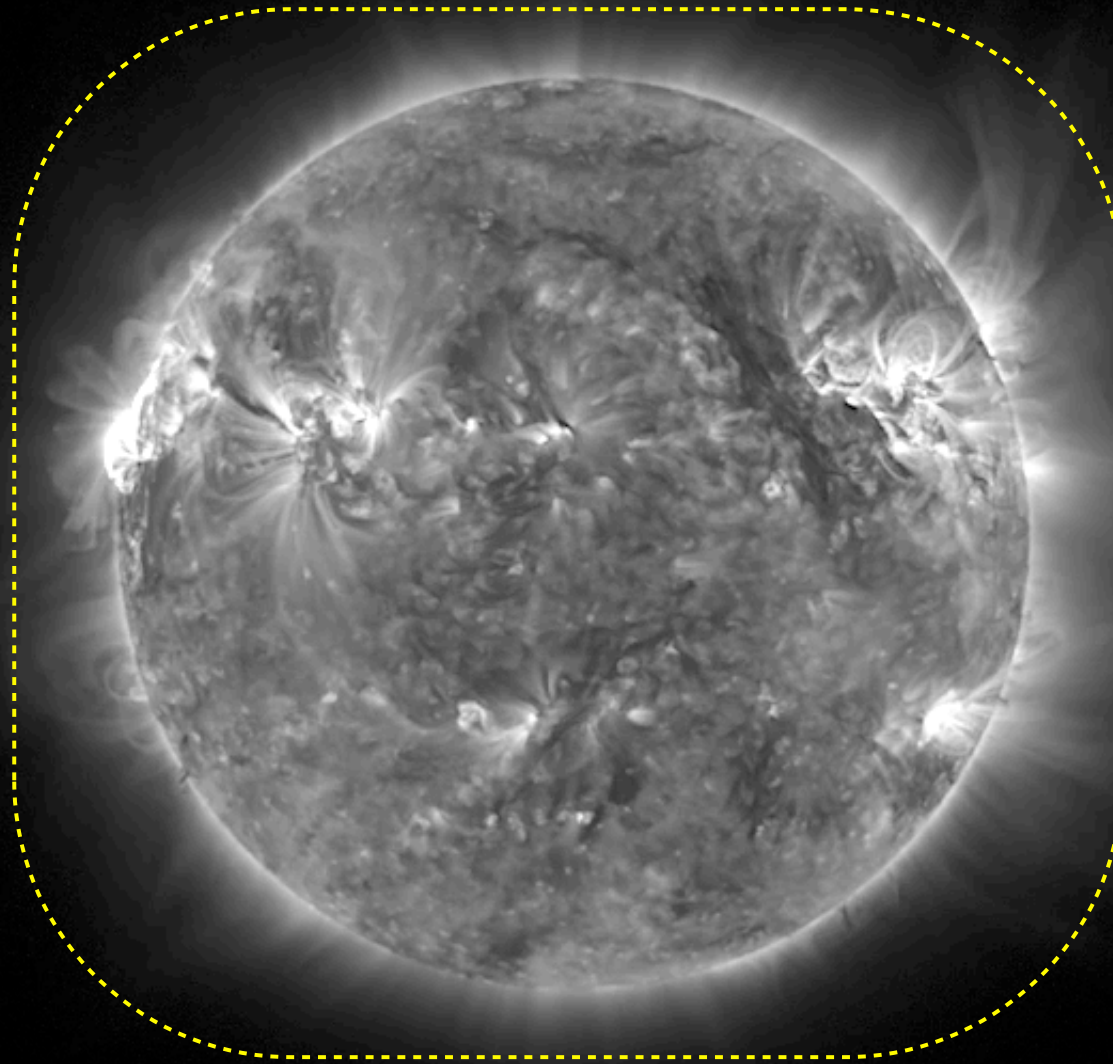
> 500 im/day = >20 im/h = >1 im/3min

Observation highlights: CR 2115



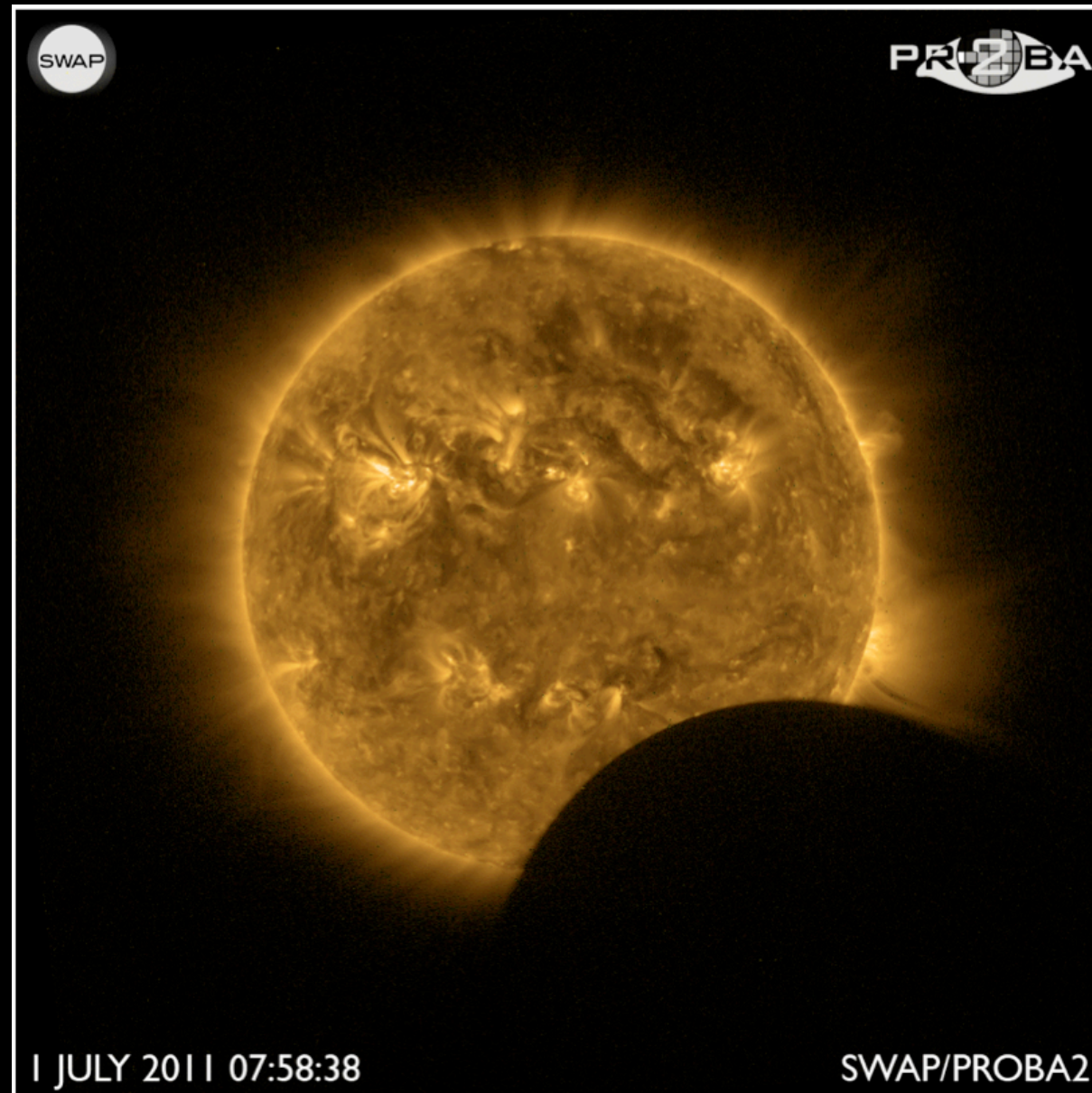
PROBA2/SWAP 174 2011-09-22T12:09:02.887

Observation highlights: CR 2115



PROBA2/SWAP 174 2011-09-22T12:09:02.887

July 1: lunar eclipse above South Pole



July 1: lunar eclipse above South Pole

Spaceweather.com Time Machine

http://www.spaceweather.com/archive.php?view=1&day=02&month=07&year=2011

USB 2.0 e-ID Card Reader Basics of Space Flight INTRANETWIKI DTE - Producten Kadaster van...nte Beersel THE DRESDE...X DECODED SpringerLin...9, Number 1

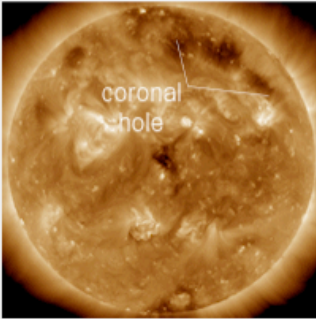
Spaceweather.com Time Machine

Switch to: [Europe](#), [USA](#), [New Zealand](#), [Antarctica](#)
Credit: NOAA/POES

Planetary K-index
Now: Kp= 2 quiet
24-hr max: Kp= 2 quiet
[explanation](#) | [more data](#)

Interplanetary Mag. Field
B_{total}: 6.9 nT
B_z: -0.0 nT
[explanation](#) | [more data](#)
Updated: Today at 2345 UT

Coronal Holes: 02 Jul 11

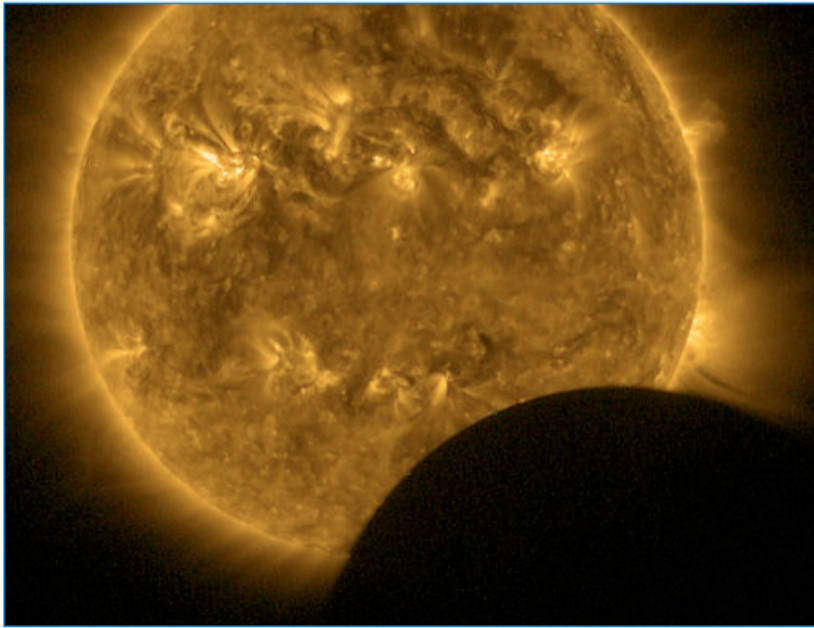


A solar wind stream flowing from the indicated coronal hole should reach Earth on July 2nd. Credit: SDO/AIA.

SPACE WEATHER NOAA Forecasts

Updated at: 2011 Jul 02 2200 UTC
[What is the sunspot number?](#)
Updated 01 Jul 2011


REMOTE ECLIPSE SEEN FROM SPACE: Last week, Spaceweather.com offered a whimsical \$50 reward to anyone who photographed the partial solar eclipse of July 1st. Visible only from a remote patch of ocean off the coast of Antarctica, [the celestial event](#) would likely be seen by no one at all. Nevertheless, the eclipse was photographed. High above Earth, Europe's [Proba-2](#) satellite took this picture of the Moon taking a bite out of the sun:



Launched in November 2009, Proba-2 is a small satellite, about a cubic meter in volume, packed with experimental technologies being tested for future space missions. Proba-2 also contains four sensors for regular monitoring of solar activity. One of the them, the [SWAP](#) ultraviolet telescope, recorded the eclipse. This isn't the first time Proba-2 has filmed an eclipse: see also [Jan. 15, 2010](#).


Members of the Proba-2 solar science team at the Royal Observatory of Belgium may collect their \$50 prize by emailing [the webmaster](#).

FIGHT LIGHT POLLUTION




Works for Android or iPhone.
[Click here!](#)

Spaceweather Radio




Sign up for SPACEWEATHER ALERTS



submit your images

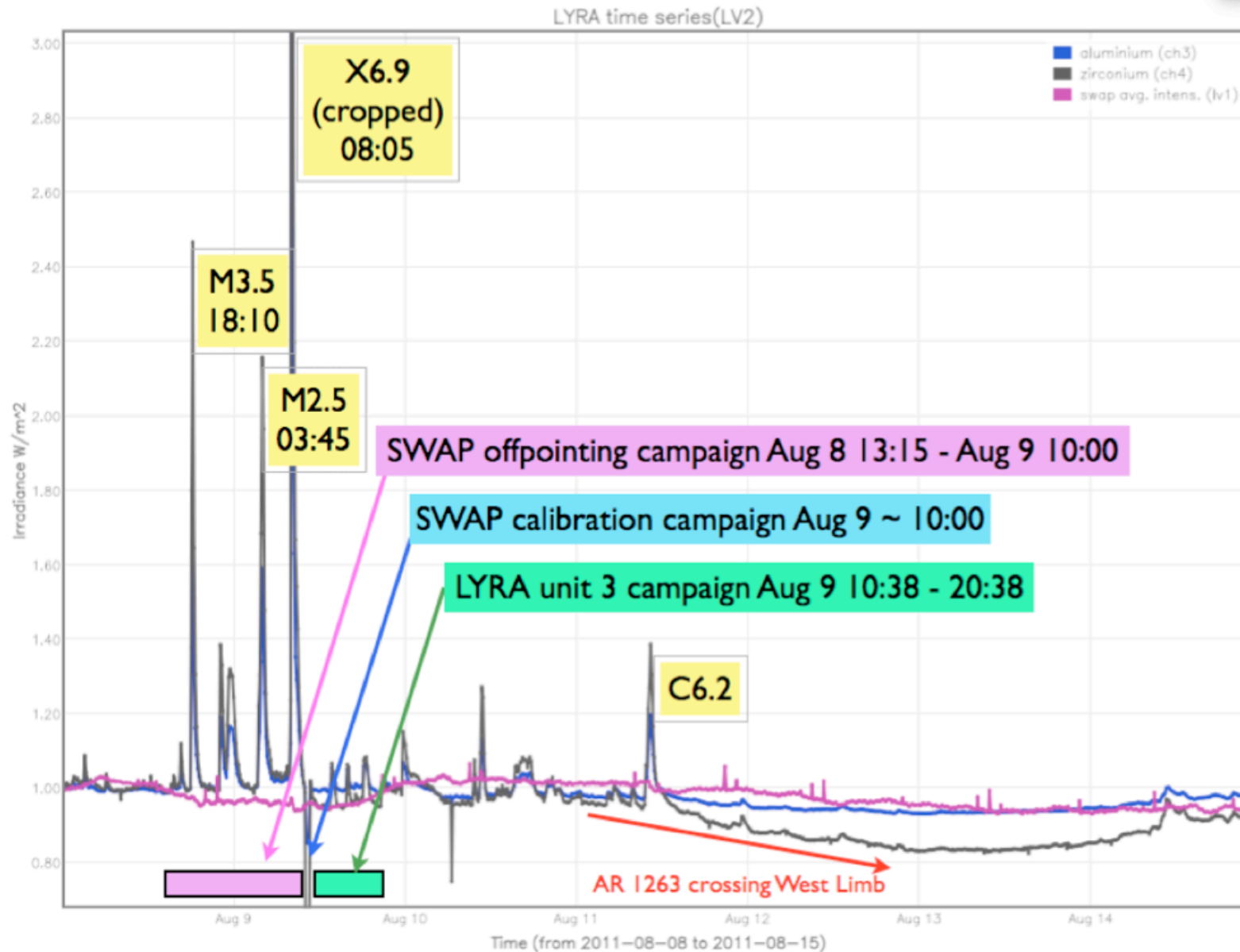
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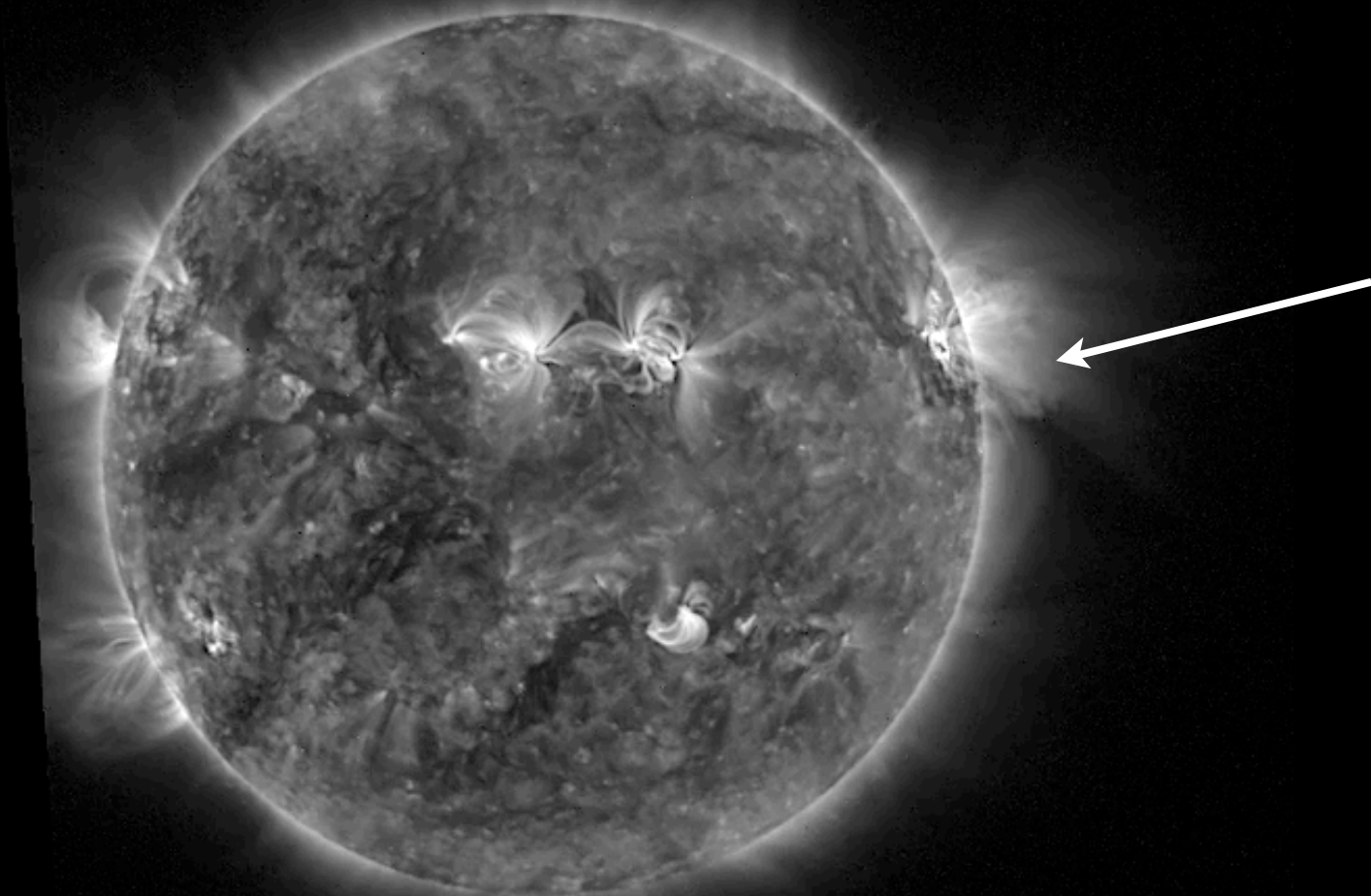
tinyprints | business

Supplier For
Emergency
Survival Food. 25

Aug 9 07:48: X6.9 flare

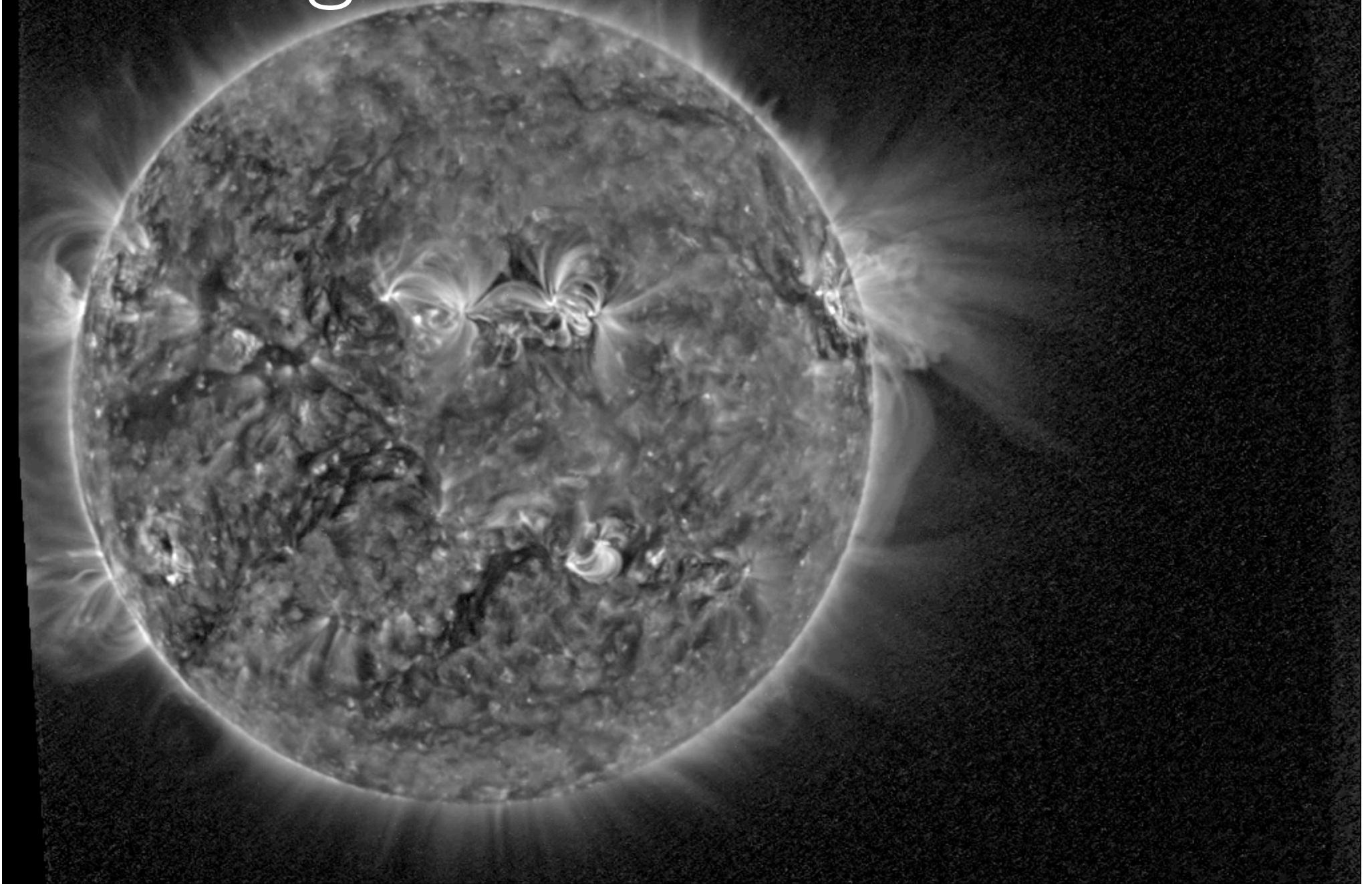


Aug 9 07:48: X6.9 flare

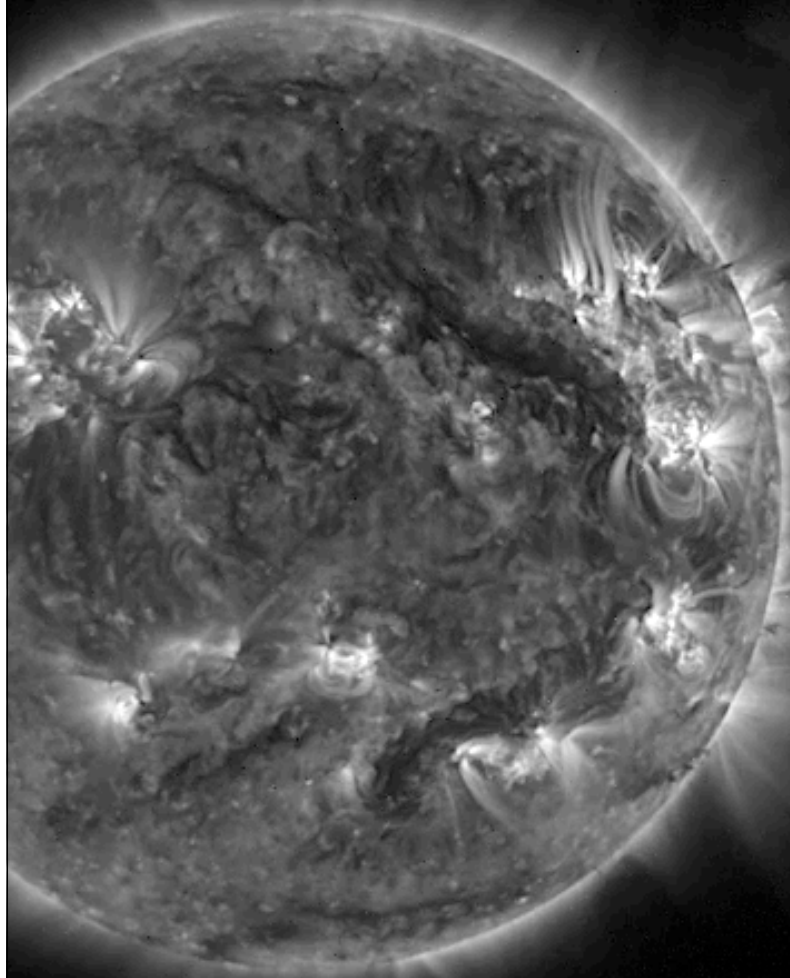


PROBA2/SWAP 174 2011-08-09T07:18:19.048

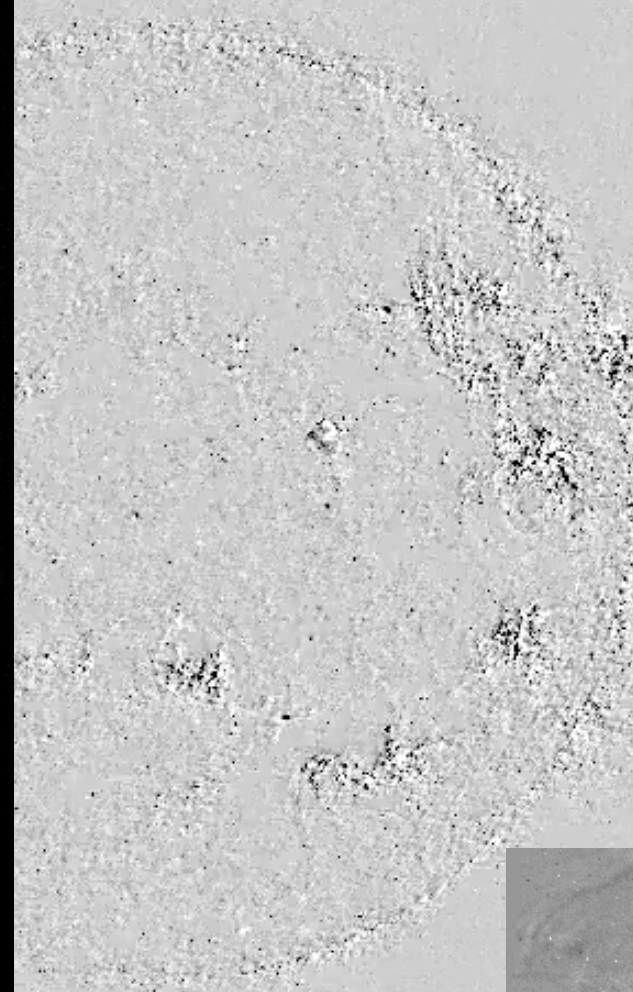
Aug 9 07:48: X6.9 flare



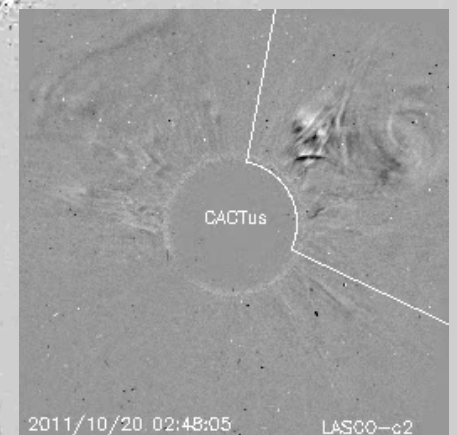
Oct 20 03:20:MI.6



2011-10-20T02:53:12.648

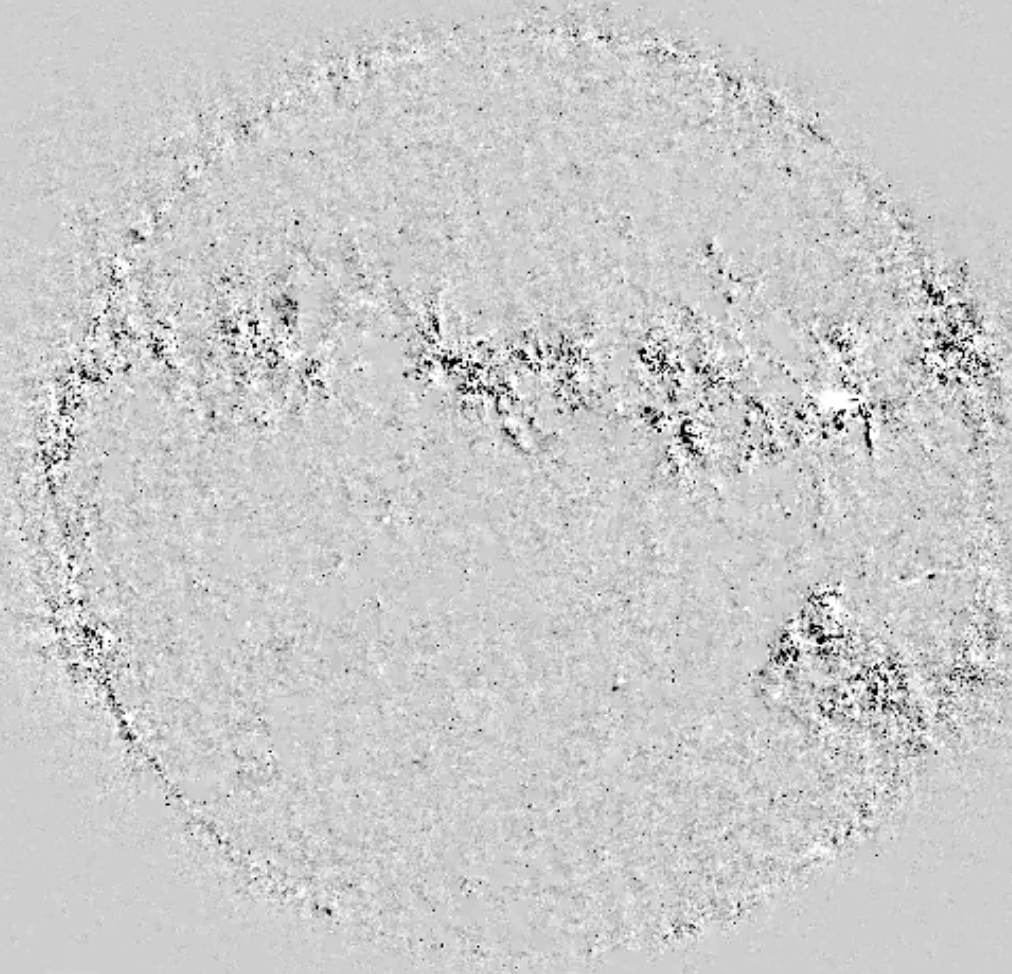


-10-20T02:49:32.592



2011/10/20 02:48:05

LASCO-c2



PROBA2/SWAP 174 2011-11-26T07:57:34.519

Status

- Platform
 - instrument temperature under control
 - PROBA2 techno operations ending
- Instrument health
 - sensitivity degradation $< 5\%$
- Data quality
 - improved dark current correction
 - reprocessing: improved data quality

<http://proba2.oma.be>

[PROBA2 SCIENCE CENTER]

IO Auctions ... veilingen - Jorisco - Soteria WMO Observ... EUV image Home'Bank USB 2.0 e-ID Card Reader Basics of Space Flight

[PROBA2 SCIENCE CENTER]

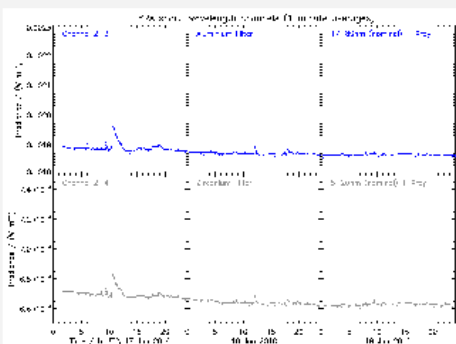
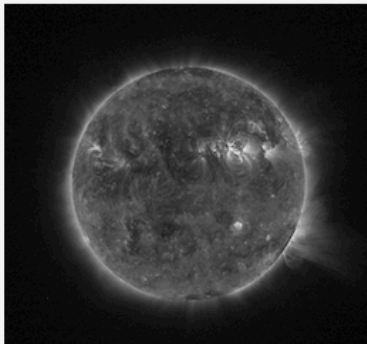
PROBA2 SCIENCE CENTER

Home About SWAP LYRA Data Community Meetings Outreach Gallery

OK

Welcome to the PROBA2 science center.

Check out the news on the impressive flare recorded by SWAP and LYRA on August 4 (M9.3-flare) and August 9 (X6.9 flare)!



Watch the latest SWAP image or movie

Go to the latest 3-day LYRA curve and quicklook daily image

SWAP calibrated FITS - SWAP movies
LYRA calibrated FITS - LYRA quicklook PNGs over a day and over 3 days - LYRA flare list

More info on all available data [here](#). Consult the [tutorial](#) on SWAP analysis software.

Data gaps or unusual data? Please consult the Google Calendars for [SWAP](#) and [LYRA](#) to find out about special campaigns and off-pointing sequences (commanded via SWAP but also affecting LYRA signals).

NEW : LYRA flare list available on-line + an interactive Quicklook Viewer.

Last update: 25th of November 2011

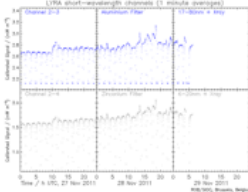
Latest news

2 November 2011
Happy Birthday PROBA2


24 October 2011
SWAP Carrington Rotation Movies

11 August 2011
Largest solar flare so far in Cycle 24

Latest LYRA curve



Latest SWAP movie



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Did you mean: [proba 2](#)

 Partial eclipse of the Sun seen t
On June 1st, a partial eclipse of the Su
Earth orbit. Between 2040 and 2246 G
by ESA | 5 months ago | 1,726 views

 Proba-2 Versus Partial Eclipse.
The simulated view from ESAs, Proba
the Sun. Proba-2 may well be the only
by astroguiz | 5 months ago | 336 views

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 Proba-2: Solar Activity (2011.06
This video is a complete time-lapse vid
seen through the SWAP ultraviolet inst
by dxatlanta | 4 months ago | 589 views

 Launch of ESA's SMOS and Pro
On Sunday, November 1 at 8:50 pm es
for OnBoard Autonomy (Proba-2) sat
by SpaceRefOnOrbit | 2 years ago | 2,...

 Proba-2: Solar Activity (2011.06
This video is a complete time-lapse vid
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 Integration of SMOS and Proba
On Sunday, November 1 at 8:50 pm es
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