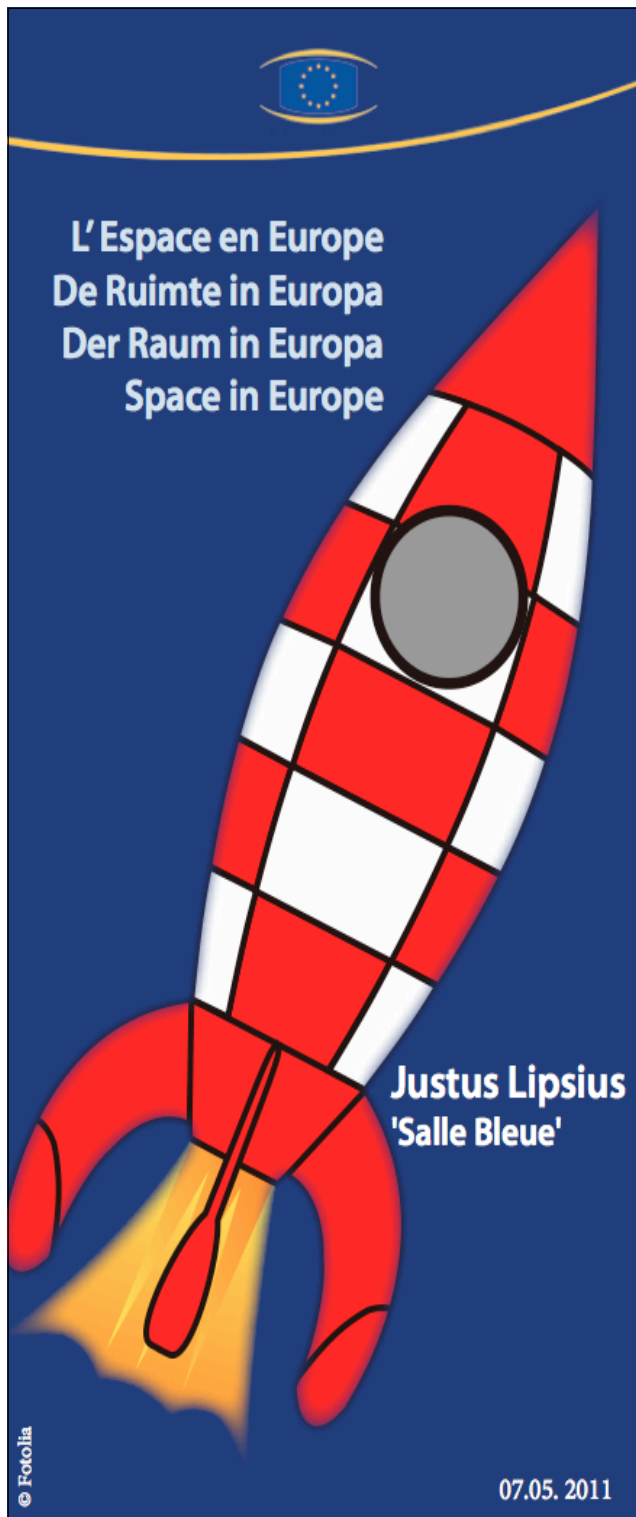




Raket naar de Zon

Objectif Soleil

David Berghmans
Koninklijke Sterrenwacht van België
Observatoire royal de Belgique



wetenschap = vragen

science = questions

1. Is er leven in de zonneatmosfeer?
2. Is de ruimte rond de aarde heter dan een sauna?
3. Kan de zon een invloed hebben op je gezondheid in een vliegtuig?
4. Is de zon de laatste jaren lui?
5. Kunnen diamanten 'zien'?

1. *Est ce-qu'il y a de la vie dans l'atmosphère du soleil?*
2. *Est ce-que l'espace autour de la terre est plus chaud qu'un sauna?*
3. *Est ce-que le soleil peut influencer votre santé dans un avion?*
4. *Est ce-que le soleil est fénéant ces temps-ci?*
5. *Est ce-qu'on peut voir avec des diamants?*





Je bent hier!
Vous êtes ici!





Zichtbaar licht
Lumière visible



X-straling
Rayons X



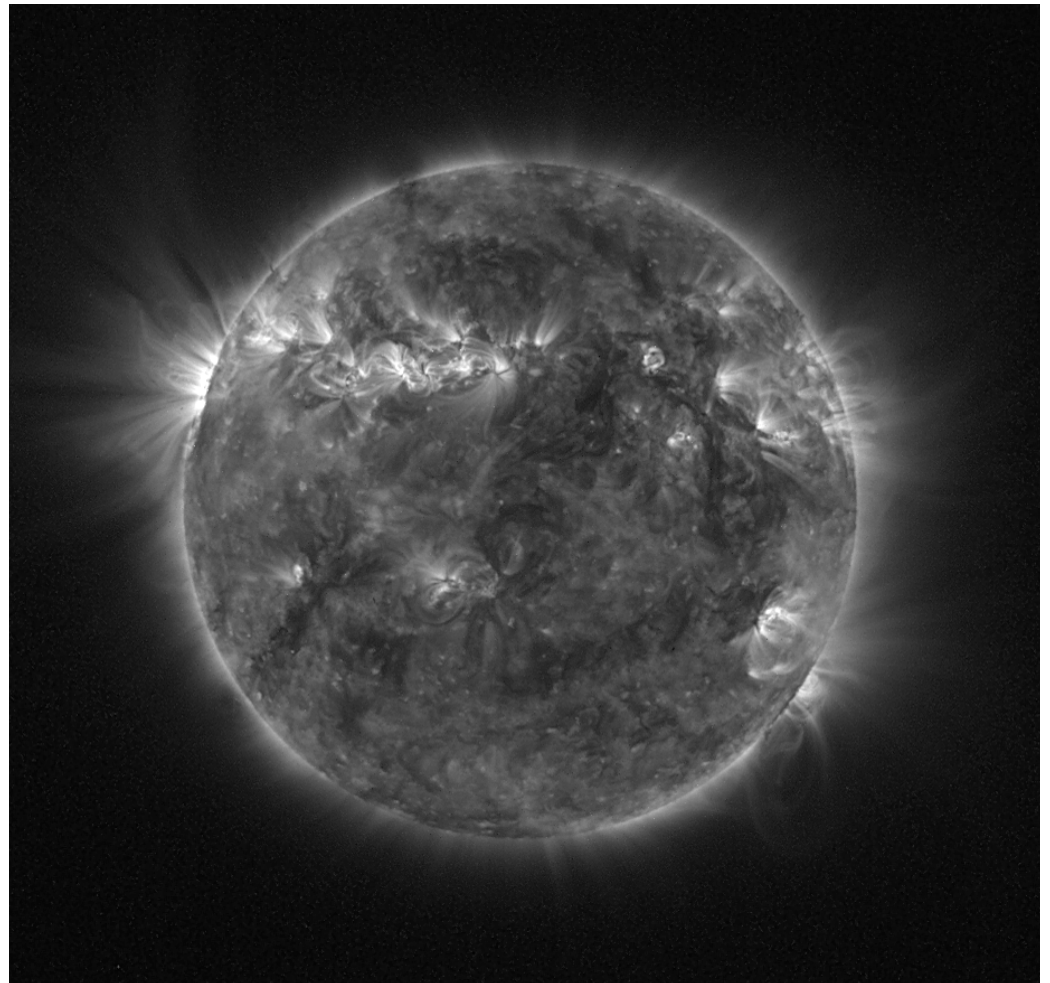
Zichtbaar licht
Lumière visible



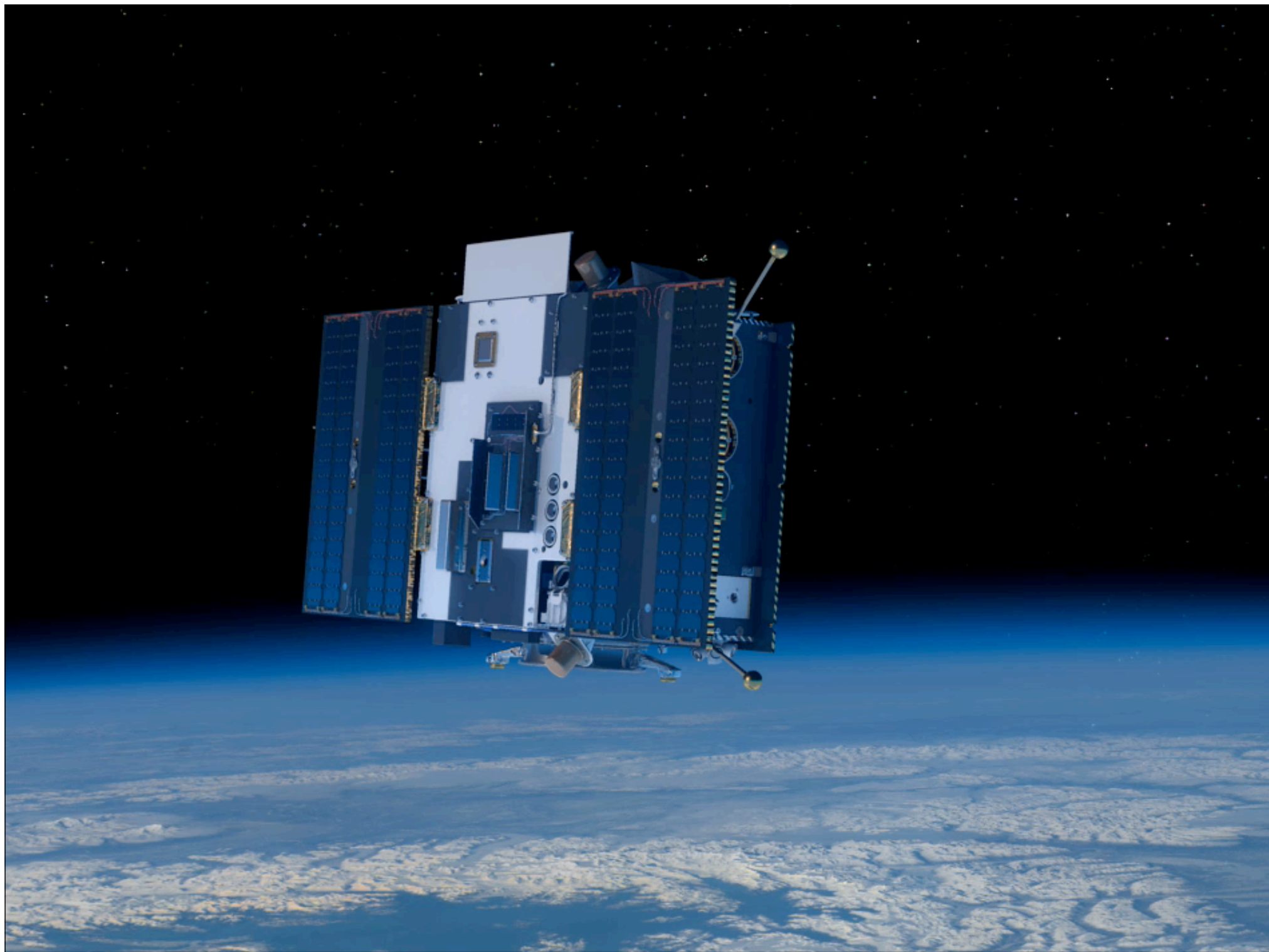
X-straling
Rayons X



Zichtbaar licht
Lumière visible

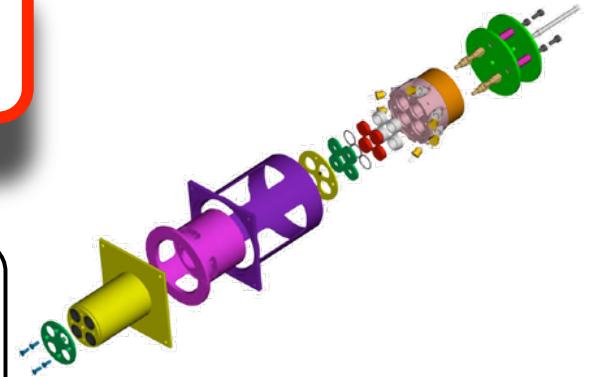
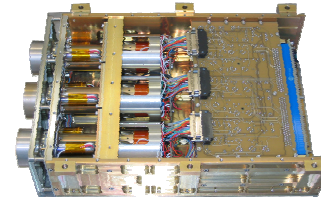


X-straling
Rayons X

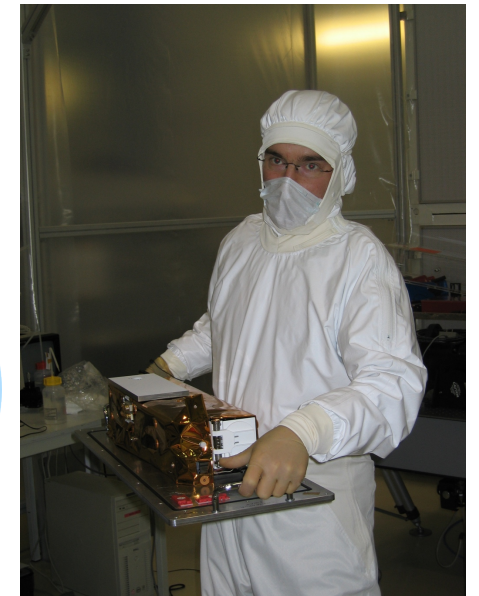


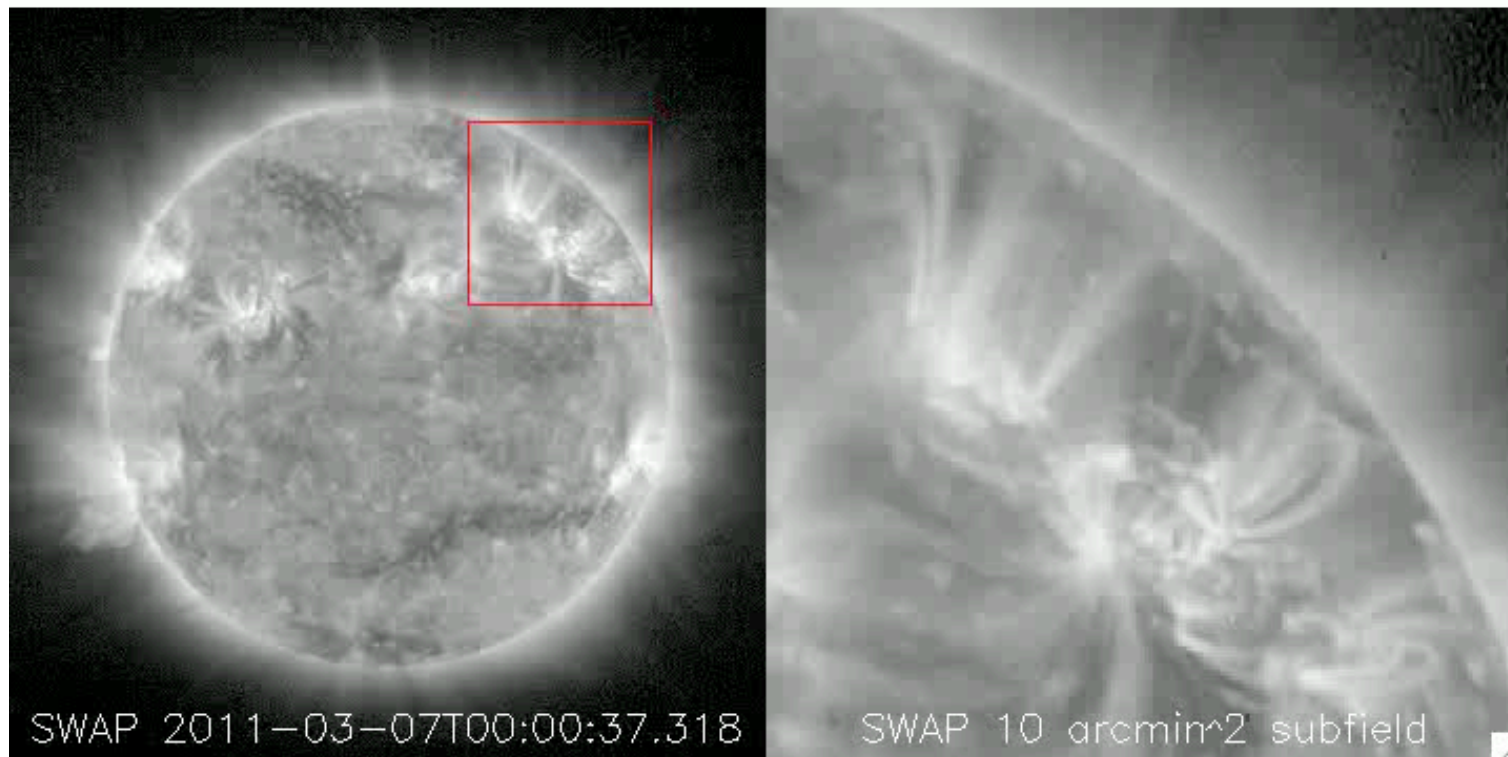
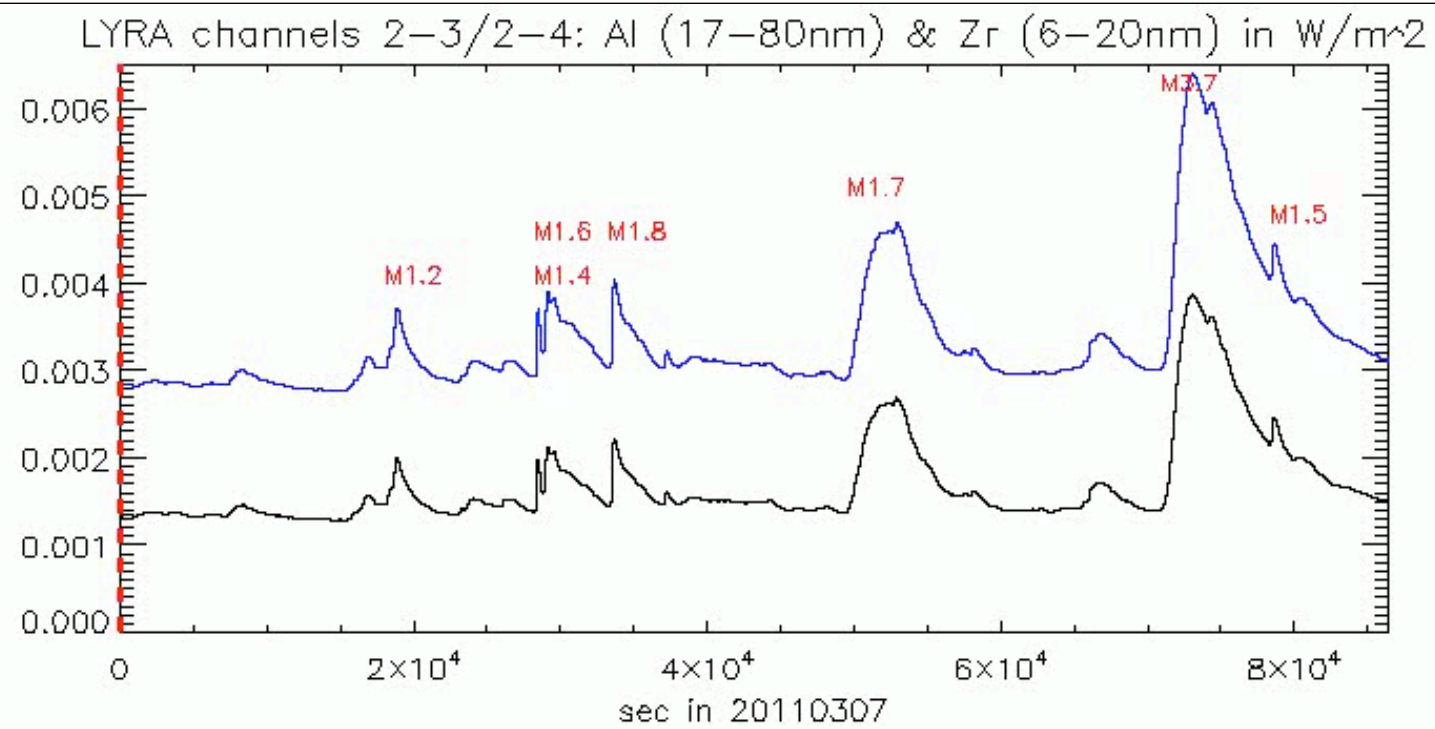
PR-2BA

LYRA



SWAP

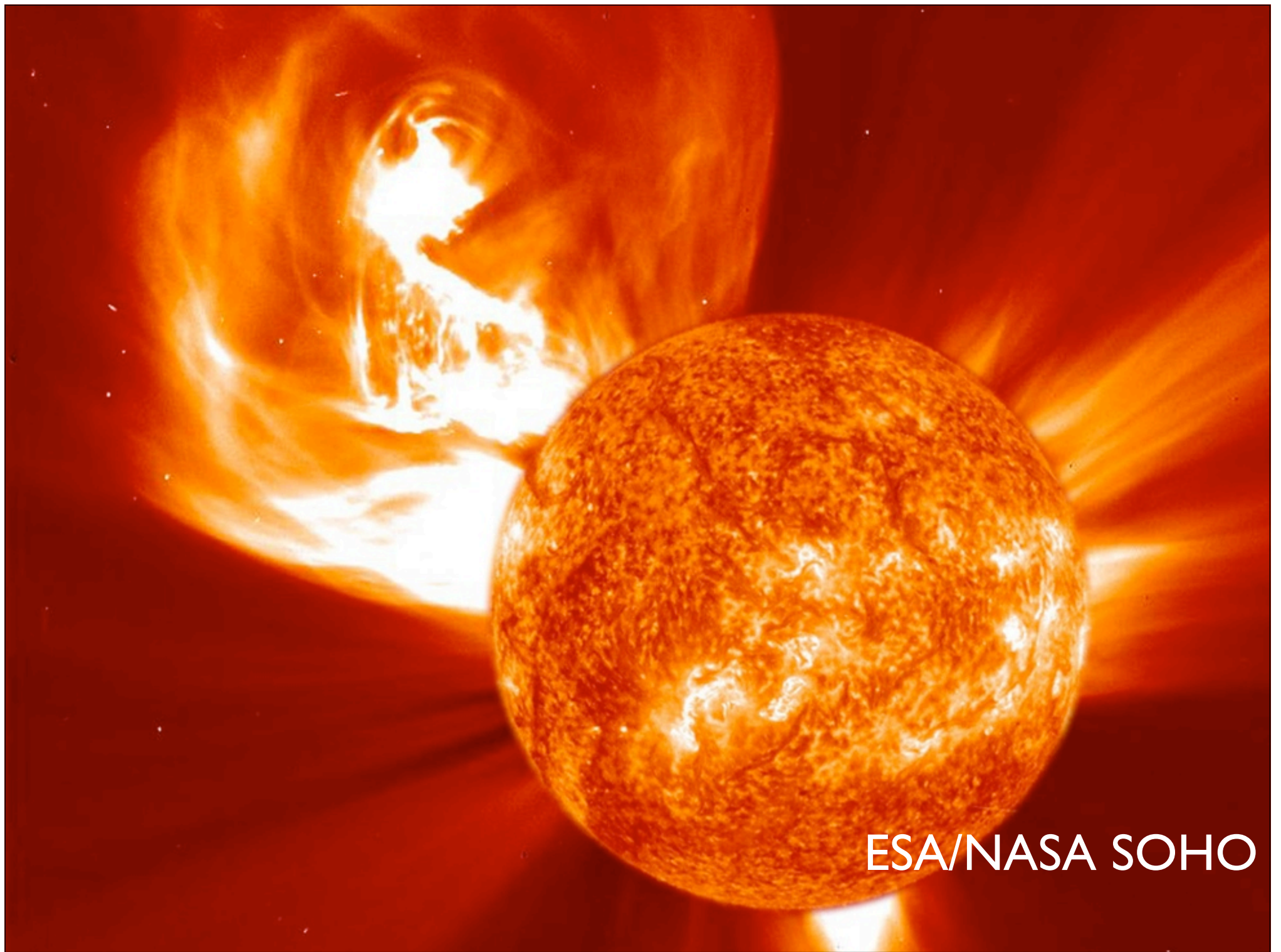




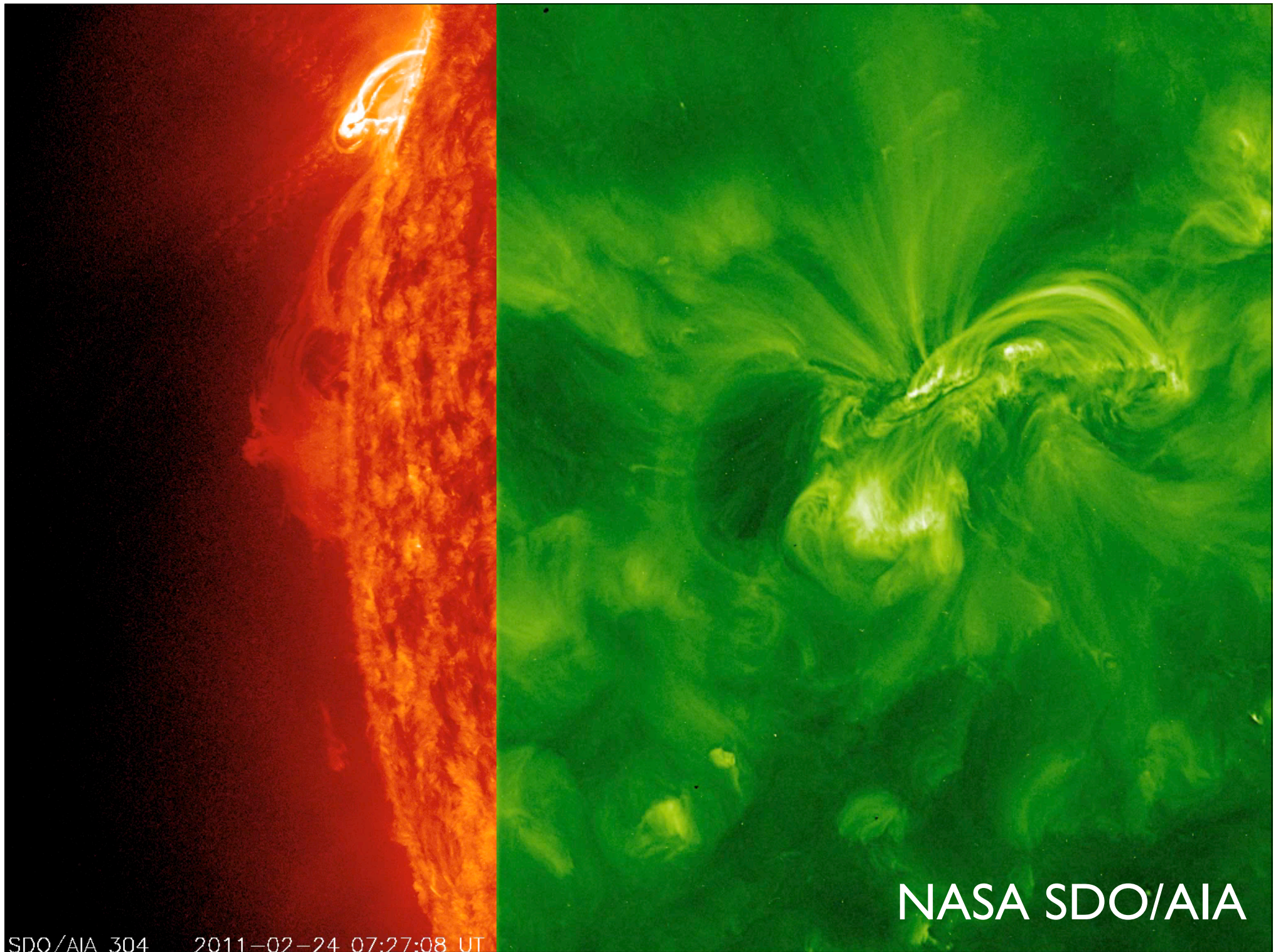
Op de Aarde veroorzaken grote
wolken soms stormen. De 'wolken'
op de zon zijn erg groot ...

Sur terre, les gros nuages
peuvent donner des
orages. Sur le soleil les
'nuages' sont encore plus
gros...

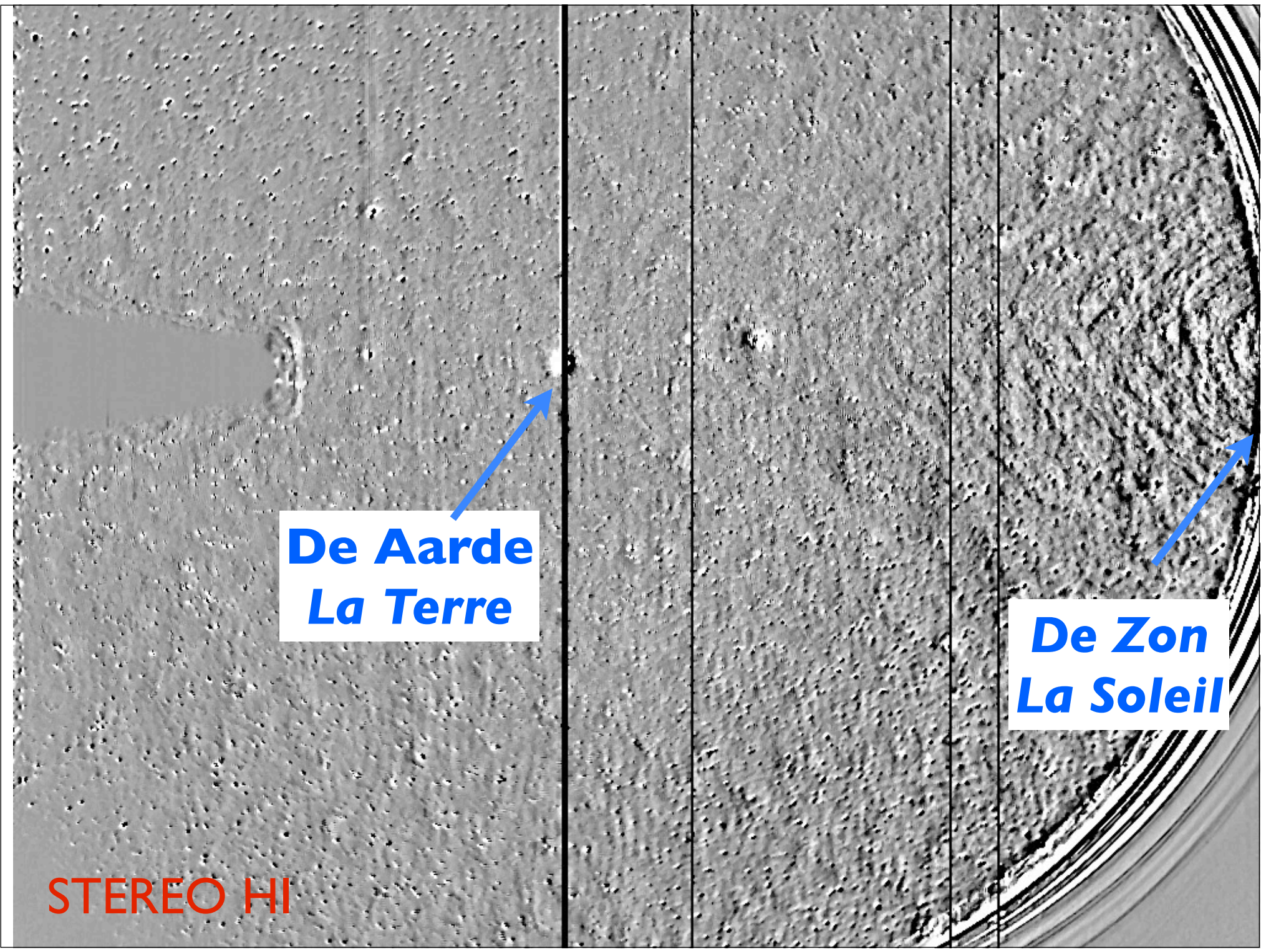




ESA/NASA SOHO



SDO/AIA 304 2011-02-24 07:27:08 UT



**De Aarde
La Terre**

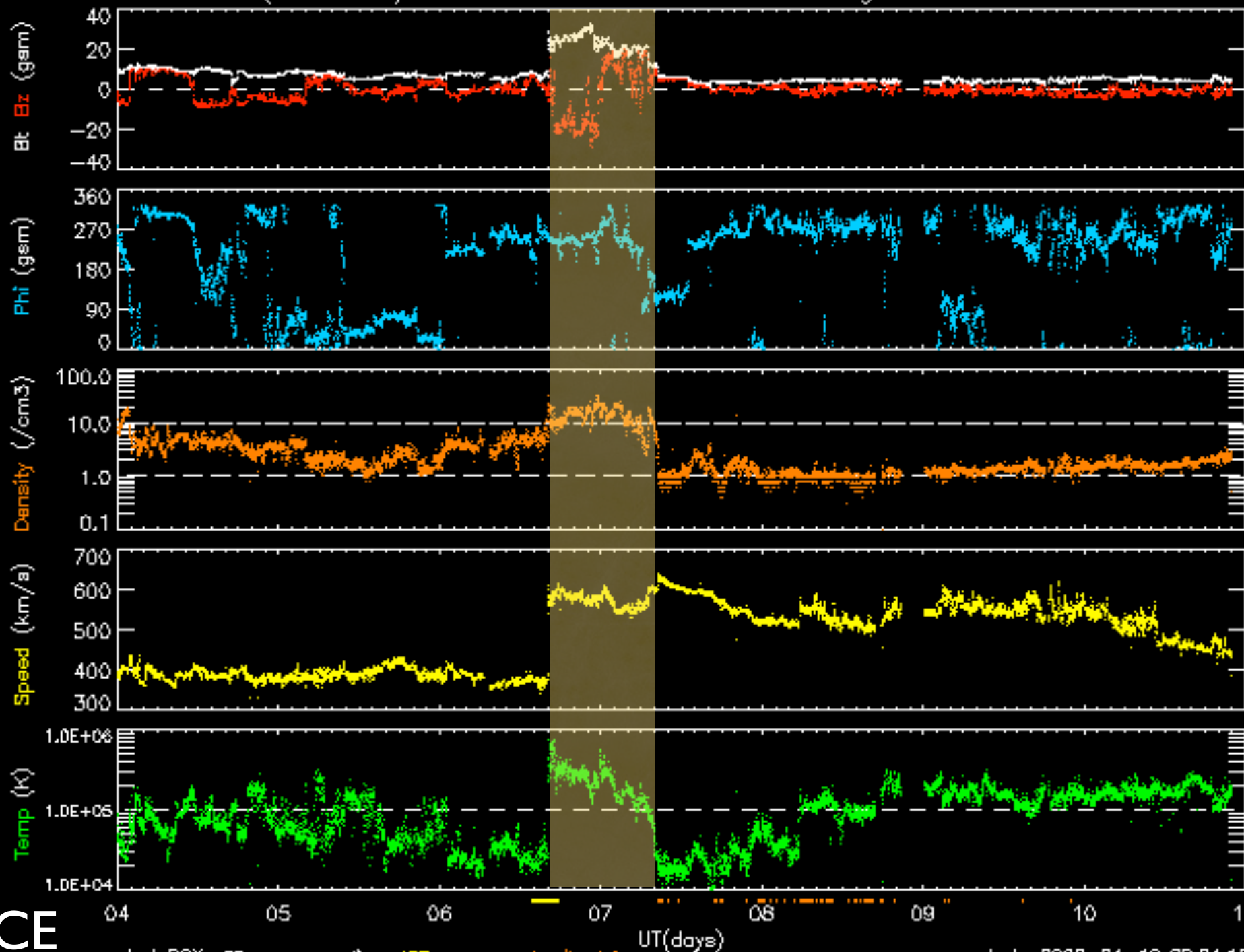
This is a stereo pair of grayscale images of the Moon's surface, showing numerous craters of various sizes. A bright spot, identified as Earth, is visible in the upper left quadrant. A blue arrow points from the text label to this spot. The right edge of the image shows the curved horizon of the Moon. The text 'STEREO HI' is in the bottom left corner.

**De Zon
La Soleil**

STEREO HI

ACE RTSW (Estimated) MAG & SWEFAM

Begin: 2000-04-04 00:00:00UT



ACE

start DOY: 95

caution: ACE maneuver density < 1

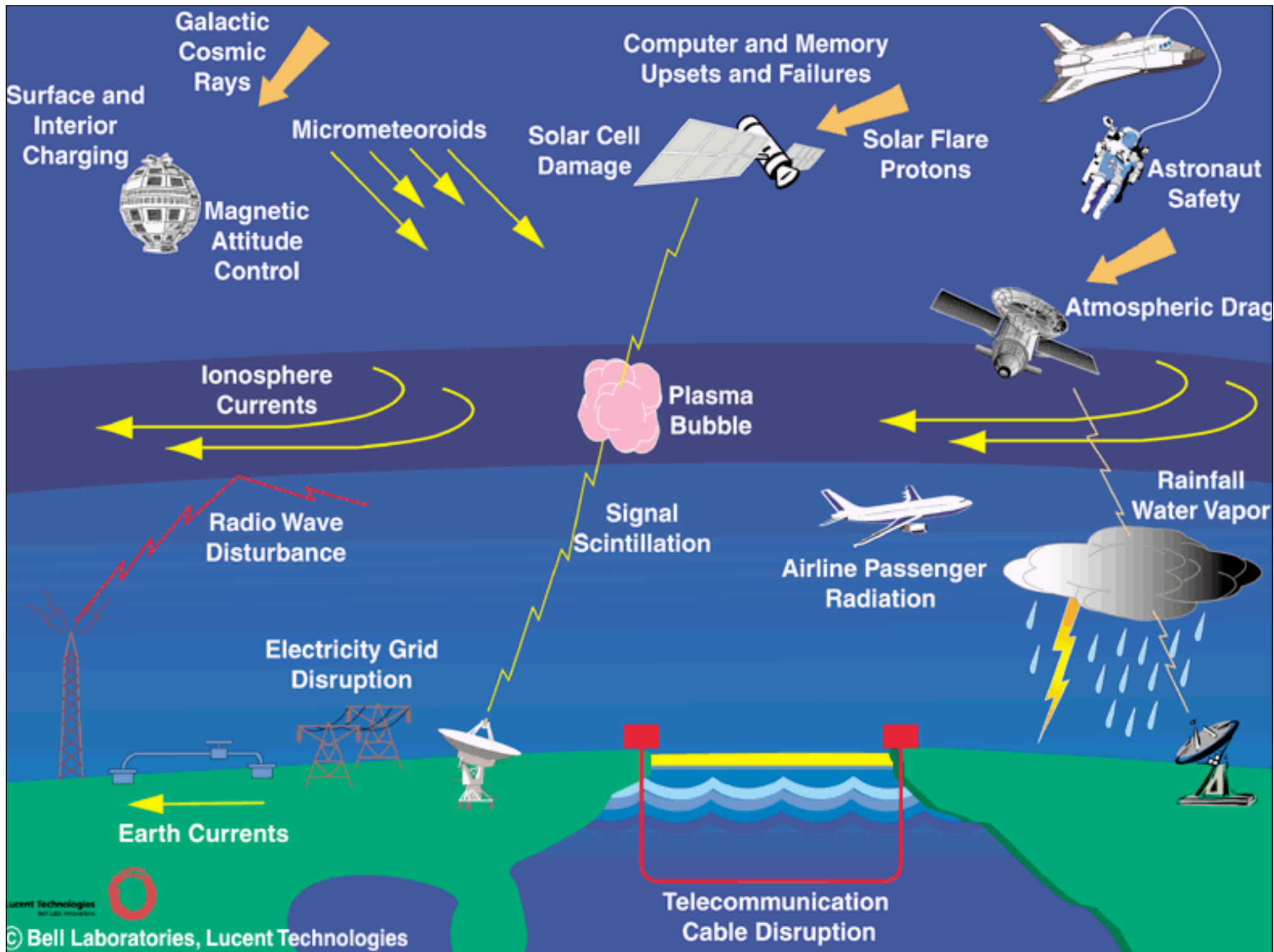
UT(days)

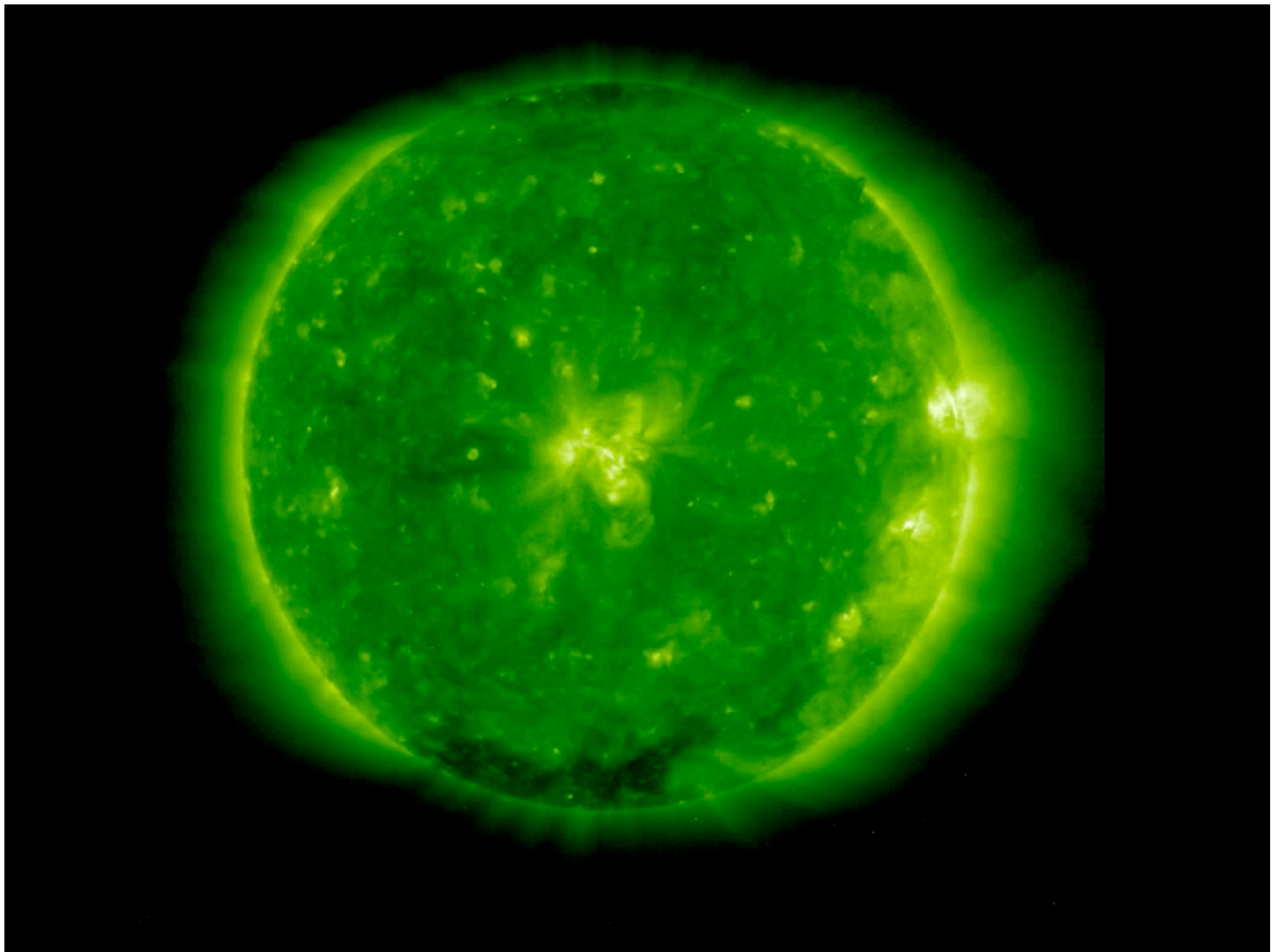
created: 2000-04-10 22:04:16

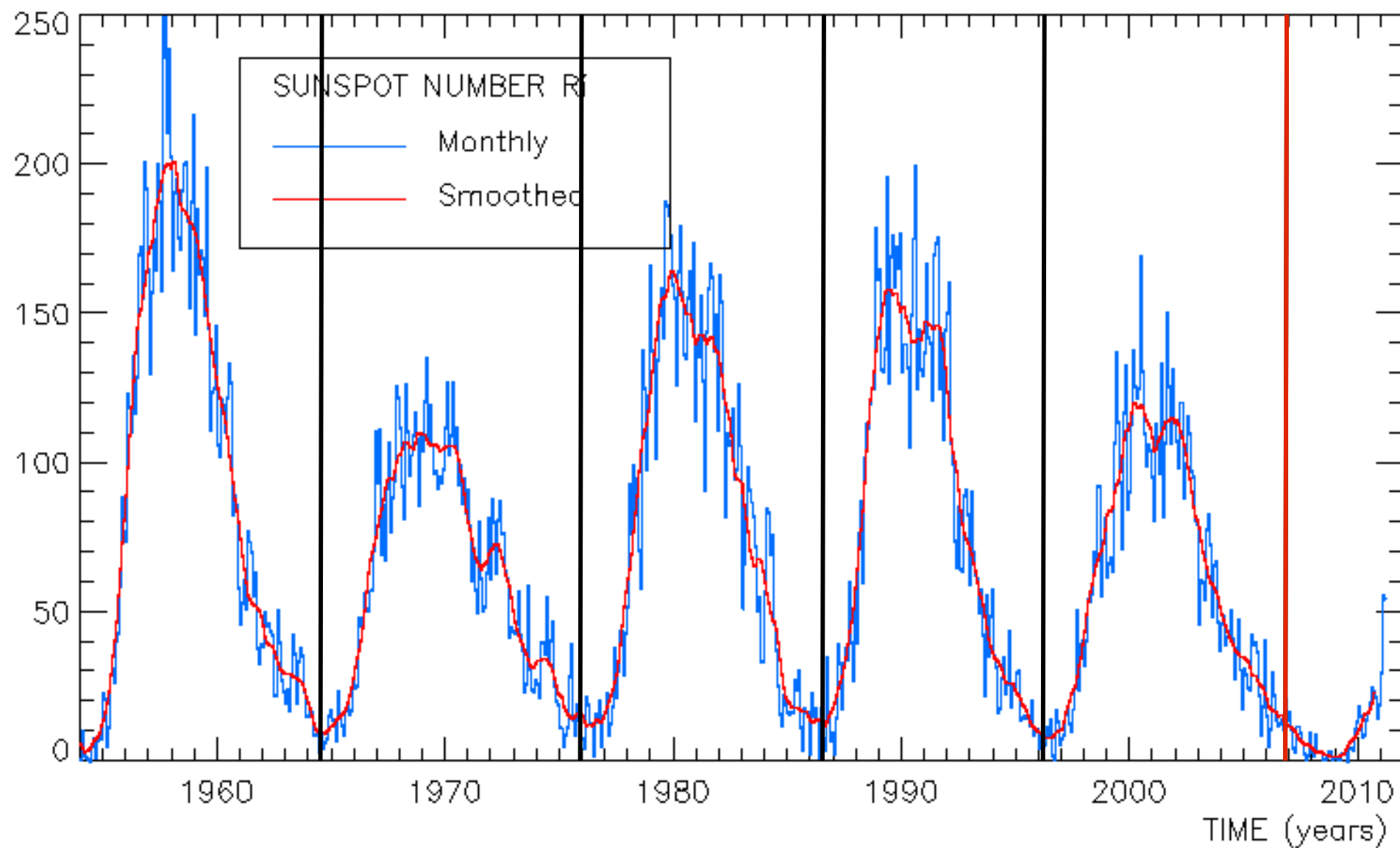
Het magnetveld en de atmosfeer van de aarde beschermt
ons tegen zonnestormen

*Nous sommes protégés des orages spatiaux par le champ
magnétique et l'atmosphère de la Terre.*









An aerial photograph of the Royal Observatory of Belgium campus in Uccle, Belgium. The image shows several large, historic buildings with domes, surrounded by green lawns and dense trees. A semi-transparent grey box in the top left corner contains a logo with a blue and pink swirl and an orange circle, and the title 'Solar-Terrestrial Center of Excellence' in red text.

Solar-Terrestrial Center of Excellence

Belgisch Instituut voor Ruimte-Aëronomie
Institut d'Aéronomie Spatiale de Belgique

Koninklijke Sterrenwacht van België
Observatoire royal de Belgique

Koninklijk Meteorologisch Instituut
Institut Royal Météorologique de Belgique

Bedankt!



Merci!

Science = asking questions

- Are there live forms in the solar atmosphere?
- Is the space around the Earth hotter than a sauna?
- Can the Sun affect your health in an airplane?
- Is the Sun lazy these years?
- Can diamonds 'see'?