Sunspot archive at Universidad de Extremadura

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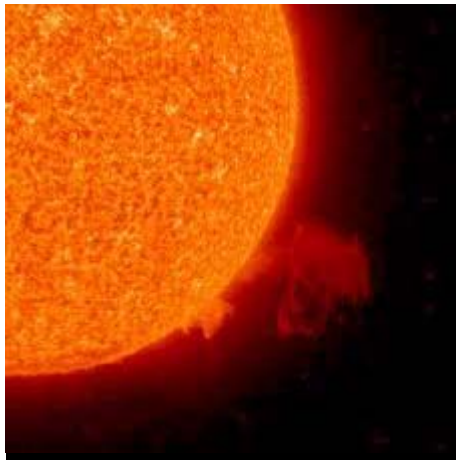

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HISTORICAL ARCHIVE OF SUNSPOT OBSERVATIONS

The objective of HASO is to collect and preserve all documents in any format (original, photocopy, photography, microfilm, digital copy, ...) with solar observations that can be used to calculate the sunspot number or to improve our understanding of solar activity in the historical period.

Technical details of online archive

✓Web site haso.unex.es is a Ubuntu Server 12.04 virtual machine mounted on a VMware Exi host.
✓This virtual machine has 2GB RAM and 100GB hard drive (expandable automatically as needed).
✓Our host is a Dell PE2950 III Server.
✓It has two Quad-Core Xeon processors X5460 1333FSB 3.16GHz/2x6MB and 48 GB of RAM.
✓It is connected to a NAS with 8 hard drives 450GB 15K SAS with a capacity of 2TB in Raid 5 (expandable).
✓Website was developed using CMS (Content Management System) Drupal version 7.
✓The main advantage of using a CMS like Drupal is the possibility of extending functionality through modules, ease to create content and great customization options.
✓Drupal is one of the most used CMS in the world and it has a large community of users and developers.

HISTORICAL ARCHIVE OF SUNSPOT OBSERVATIONS

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Welcome words, motivation and aim

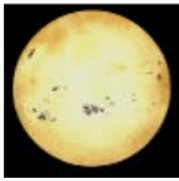
It provides a list or catalogue of the documents preserved in the Library of the University of Extremadura.

Maybe, it will be the most popular section (with links to historical documents related to solar activity).

We have a section of Frequently Asked Questions.

Advisory Board
Local Board

Some ideas???



HISTORICAL ARCHIVE OF SUNSPOT OBSERVATIONS

On-line Archive

Historical literature

In this section, you can find links to historical works that contain information about sunspots and solar observations.

Modern papers

In this section, you can find links to recent articles and books related to historical sunspot observations.

Miscellaneous

Miscellaneous section of this on-line archive.

Data

Data section of this on-line archive. You can download several data files about historical sunspot observations.

Sunspot drawings

In this section, you can find a collection of historical sunspot drawings.

FAQs

What is HASO?

HASO is an international initiative to create an archive that preserves all historical observations of sunspots. These observations are the fundamental basis of studies on solar physics, space climate and global change.

Why is important to know the Sunspot Number in the last centuries?

The Sun is the closest star to our Earth. Thus, the Sun has been observed especially in the last four centuries (since the invention of the telescope). Furthermore, changes in the Sun greatly affect many processes in the Earth. Therefore, the evolution of some solar parameters during the last centuries, as the Sunspot Number, is crucial to a better understanding of the Sun and the Earth from a long-term perspective.

How can you help?

Anyone can help. The local board is working to incorporate every day new links and files. However, any help or suggestions are welcome. You may provide links to data and historical works that contain information about the Sun. You can also provide relevant files to be hosted on our server. You can even donate publications to be preserved in HASO at the library of the *Centro Universitario de Mérida*.

Contact: jvaquero (a) unex.es

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Sponsors

Biblioteca UX

User login

E-mail *

Password *

Create new account

Request new password

Log in


http://haso.unex.es

Conclusions

1) We have created an archive to preserve all historical information about the Sun.
2) An important part of this archive is a web to disseminate the historical information.
3) We need help!

Thank you very much!

Comments, suggestions, etc.:

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