



Tucson, AZ
63 °F



EVENT CALENDAR

Winter Star Party (FLORIDA)
February 8th thru the 12th
Lunt Solar will not be officially attending the WSP this year. However, Alan Traino is going and will be taking some Lunt Solar products for demonstration.

NEAF (NEW YORK)
April 17th and 18th
We welcome you to join us at America's premier astronomy show. For updates and more info visit our blog.

Astronomy League Annual Convention (Arizona)
June 25th and 26th
ALCON will be held in Tucson, Arizona this year. It's in our backyard and we will be there!

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THE SUN IS OUR STAR!

.....and as you would expect, our Star is hot, bright, dynamic, and sometimes quite violent.

At 93 million miles away, we are ideally placed at a point where the Sun provides just enough warmth

TODAY'S SOLAR CONDITIONS

*We are rained out in Tucson today.
In a short clearing I did see the active region coming around and it does look like a good one.*

SOLAR TELESCOPES SOLAR FILTERS & ACCESSORIES



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MORE LUNT SOLAR SYSTEMS

luntsolarsystems.com

THE VERY LATEST NEWS

Jan. 19th
The new blog/Community area is Live!!
For those using the blogspot URL, please note the new destination.

Jan. 19th
I have just been informed that Lunt Solar is now shipping the LS35T from STOCK!!!
Visit the Catalog Area of the main site for more info...

IMAGE OF THE WEEK

Here is the Solar Image of the Week.
Thanks to: Andy Yeung
LS75F Single Stack Filter
Partial Annular Eclipse.

« IMAGE THRU UN-OBSTRUCTED LS75F LUNT WHITE LIGHT SOLAR WEDGE » SOLAR ASTRONOMY OUTREACH (PART 1)

January 18th, 2010

No Comments »

Lunt Solar want to thank Stephen W. Ramsden for providing this great article and for ALL his efforts with Astronomy Outreach in his Community.. (and keep it quiet, he is also the winner of a \$300 Lunt Certificate).. More winners to be announced soon.

PLEASE keep the contributions coming in.



LS100T/PT Hydrogen-alpha Scope on a CGEM

One of the most rewarding things you can experience as an astronomer is sharing the hobby with someone else. The public has long had a fascination with all things astronomical but very few see anything more than an occasional television special or a headline in the media. When you put someone in front of an eyepiece and show them something in the heavens you can count on a smile and a wow.

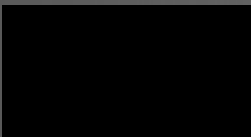
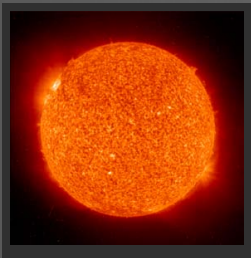
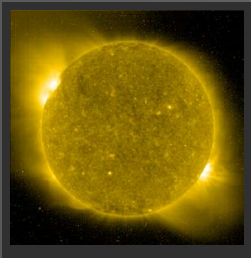
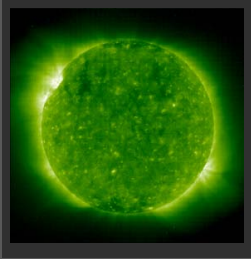
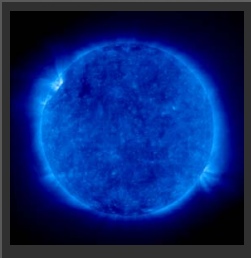
People seem to drop all of their "walls" when it comes to staring into telescopes. They seem to revert back to their youth with a keen look of wonder and a desire to see more. It is really a great experience for both the observer and the provider of the service.

There are many ways to share the hobby. Some people invite friends or family out with them for observing while others go as far as to hold completely random public events and have any willing passersby take a look. There are many local clubs you can join to expand and share your knowledge as well.



REAL TIME IMAGES: THE VERY LATEST FROM SOHO

SOHO, the Solar & Heliospheric Observatory, is a project of international collaboration between ESA and NASA to study the Sun from its deep core to the outer corona and the solar wind.



and energy essential to our living planet, Earth. At only 93 million miles, the Sun is close enough for us to view it's surface thru a relatively inexpensive scope from the comfort and relative safety (Sunscreen please) of our backyards on a clear and warm day.

What! Astronomy during the day? Lunt Solar wants to show you how.

REFERENCES

Prominences:
These look like eruptions from the edge of the Solar disk. Prominences can be small spiky looking details, or large cloud-like detail with fine feather-like features.

They are, in fact, ionized Hydrogen-alpha emissions being projected from the limb.

Prominences are anchored to the Sun's surface in the Mesosphere, and extend outward into the Sun's Troposphere.

They typically measure many earth diameters.

Filaments:
These are strin-like features on the surface of the Sun.

At high resulation they take on a 3D effect due to the coller aspect of the suspended filament contrasted against the bright, hotter Sun.

They are actually prominences being viewed against the surface.

Spicules
A Spicule is a dynamic jet of gas about 500km long. They move outward at about 20km/second thru the Chromosphere.

Father Angelo Secchi of the Vatican Observatory discovered them in 1877.

The Chromosphere is entirely composed of Spicules. These features can be seen as "fur" around the edge of the disk.

Through the fine folks at LUNT SOLAR SYSTEMS you can purchase a research quality instrument that is rugged and dependable enough to take out of the observatory environment and share with the public. Lunt offers several different setups for any price range and interest level from imaging minded scopes to visual packages that will show the wonders of our Sun.

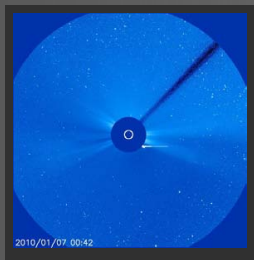
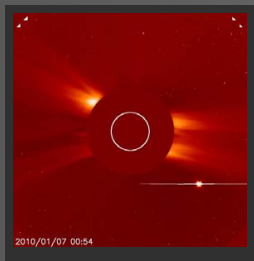
This entry was posted on Monday, January 18th, 2010 at 5:02 pm and is filed under Stephen Ramsden, astronomy, hydrogen alpha, Is100t, lunt solar, solar education, solar filters, solar outreach, telescopes. You can follow any responses to this entry through the RSS 2.0 feed. You can leave a response, or trackback from your own site.

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