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# The Sun And How To Observe It (Astronomers' Observing Guides)



## Synopsis

In Part 1, the book describes the very latest thinking on solar physics in (mostly non-mathematical) detail, incorporating the latest results from research concerning the structure and behaviour of the Sun. There is particular emphasis on the surface features visible from the Earth, and how these are the result of the extraordinary processes that are taking place within the Sun. In Part 2, the book details the techniques for observing and imaging the Sun with commercially-available equipment. The many recent advances in optical equipment now allow amateur astronomers to observe phenomena that until recently could only be seen with the extremely expensive equipment available at universities and research observatories – notably H-alpha and Calcium-K telescopes. This is a completely up-to-date solar observing book, while providing the science background necessary for an understanding of the observations with the latest equipment. It also features the most complete solar observing and imaging guide available.

## Book Information

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## Customer Reviews

I bought this book 6 months ago and it sat on my bookshelf for while until I started using my Lunt 152 solar telescope again this past spring. This book is nicely organized by providing some introductory material about the sun in general and then moving on to the various means of observation both visually and photographically. There seems to be a good balance between depth of explanation of topics and clarity. The illustrations and pictures included really complement the

books focus of how to make the most of solar viewing. His ability to explain technically complex concepts is superb. There is certainly a lot of new found interest in this aspect of astronomy and there have been interesting developments even since the time this book was published. Of note Lunt Telescopes has perfected the pressure tuning etalon for the masses. I hope that the author's effort is rewarded by getting an opportunity to write a second edition. I highly recommend this book without reservations

Great guide for observations of the Sun. I was hoping for more information on the new low cost hydrogen alpha telescopes. Otherwise, there is a great deal of new information in this book. I recommend it.

I am a professional astronomer (retired now and involved in public outreach). This is an extremely well written book. The astrophysics is quite accurate and clear. The observing techniques described are well presented and the emphasis on safety excellent. I highly recommend this volume to anyone serious about observing the Sun.

I was looking for a good book on Solar observing, and this is a good book. It is not a great book, however. Although the detailed information in it is useful and interesting, one would really need to be obsessed by Solar observing, and be looking for a "daytime job" rather than a hobby. I guess I'm a bit obsessed, but I don't want to work at it quite as hard as the author. Still, it's useful to see what can be done by others.

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