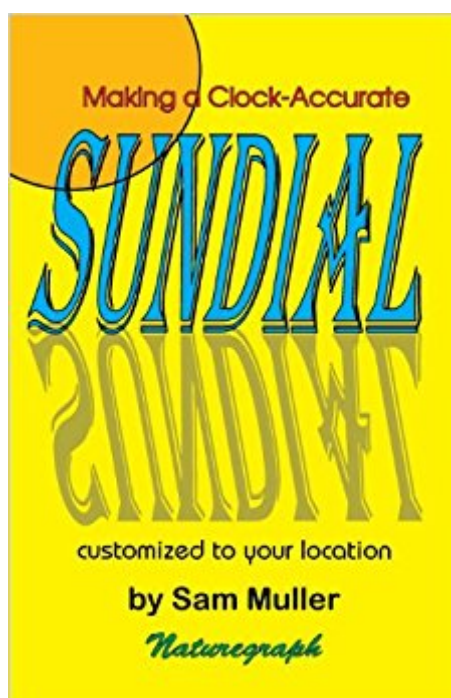


The book was found

Making A Clock-Accurate Sundial Customized To Your Location (for The Northern Hemisphere)



Synopsis

It is simple and inexpensive to make a clock-accurate sundial, and superior to mass produced sundials. Sam Muller's modern sundial is an amazing scientific tool. By its shadow you can read correct clock time, and also observe the effects of the earth's tilt, rotation, and changing orbital speed. Then on a moonlit night from the shadow cast on your now "moondial" you will notice the moon's counterclockwise orbit of the earth shows a small loss of time hour after hour, explaining why a lunar month is more than a day shorter than a solar month. During his long career as a science teacher and educator, Mr. Muller has inspired many young minds with the wonders of science.

Book Information

Paperback: 64 pages

Publisher: Naturegraph Publishers, Inc. (September 11, 1997)

Language: English

ISBN-10: 0879612460

ISBN-13: 978-0879612467

Product Dimensions: 5.5 x 0.2 x 8.5 inches

Shipping Weight: 3.7 ounces (View shipping rates and policies)

Average Customer Review: 3.3 out of 5 stars 3 customer reviews

Best Sellers Rank: #1,401,206 in Books (See Top 100 in Books) #64 in Books > Teens >

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Customer Reviews

The charts in the book are very useful for setting the time according to the day for the year when you finish the sundial

Very hands-on, practical advice.

This book describes making a simple horizontal sun-dial with a angled gnomon (the shadow casting thingy). For "clock-accuracy" you have to look up an error offset in a chart. The "equation of time" is not built into the design. The book intentionally skips over the mathematics involved. I found more information by searching the internet for "analemmic sundial" than I found in this book.

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