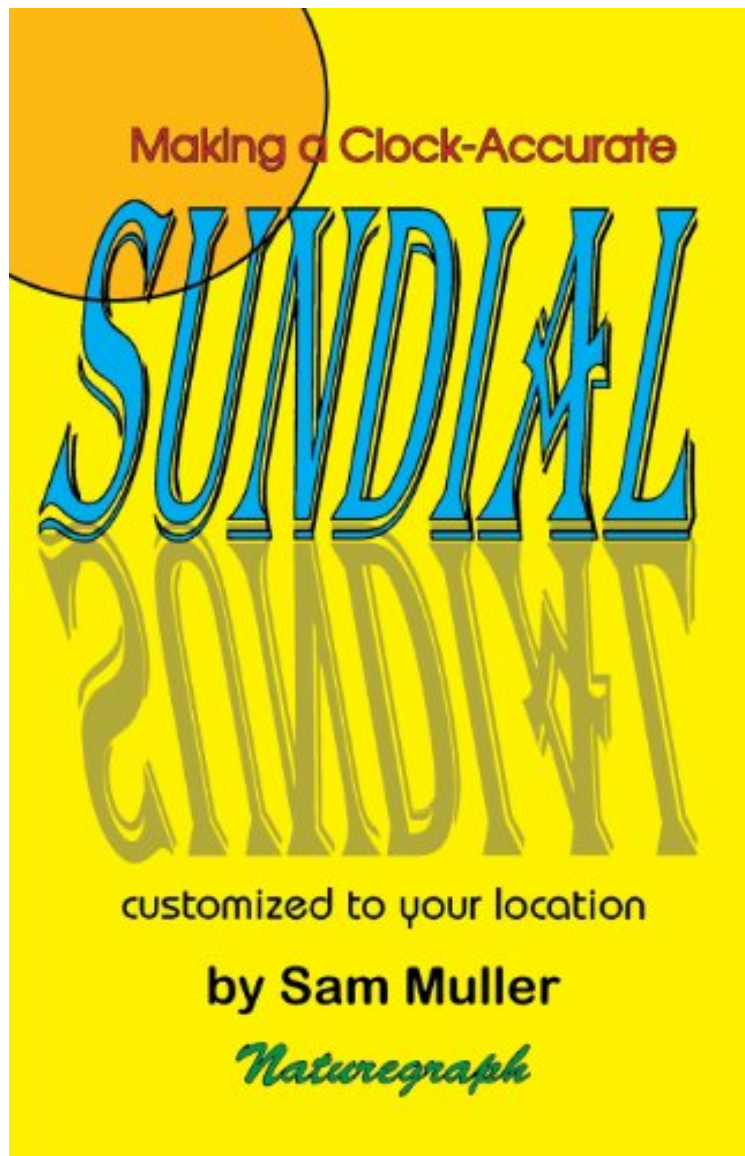


(Mobile book) Making a Clock-Accurate Sundial Customized to Your Location (for the Northern Hemisphere)

## Making a Clock-Accurate Sundial Customized to Your Location (for the Northern Hemisphere)

Sam Muller

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**Sam Muller : Making a Clock-Accurate Sundial Customized to Your Location (for the Northern Hemisphere)** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Making a Clock-Accurate Sundial Customized to Your Location (for the Northern Hemisphere):

0 of 0 people found the following review helpful. For setting timeBy Steve HeinerThe charts in the book are very useful for setting the time according to the day for the year when you finish the sundial0 of 0 people found the following review helpful. Four StarsBy Tom G.Very hands-on, practical advice.53 of 57 people found the following review helpful. NOT clock-accurate sundialsBy Scot McDermidThis book describes making a simple horizontal sundial with an 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.

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.