

# Sundials : Their Theory and Construction pdf

**Albert E. Waugh**

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## **DESCRIPTION OF THE BOOK SUNDIALS : THEIR THEORY AND CONSTRUCTION**

Have you every wanted to build a sundial or to understand how one works? Then you have probably been frustrated as you search vainly for help. Most books on the subject are either rare out-of-print works published centuries ago and available only in highly specialized collections, or highly complicated treatises whose information is hidden behind frightening arrays of involved formulas. But now your search is over. This book is designed to meet sundialing needs at either the simple or the sophisticated level. Albert E. Waugh, professor and administrator at the University of Connecticut for 40 years, and an expert on the subject of sundials and their curious history, presents, on the one hand, a rigorous appraisal of the science of sundials, including mathematical treatment and an explanation of the pertinent astronomical background; on the other hand, he presents simple and non-technical treatments such that several of the dials can be built by children! The subject matter is arranged in 19 chapters, each covering a different aspect of dialing science. All the common types of dials are covered, but the reader can also learn about analemmatic dials, polar dials, equatorial dials, portable dials, memorial dials, armillary spheres, reflected ceiling dials, cross dials, and old-fashioned noon marks. There are also sections on dial furniture, mottoes, the actual layout out of a dial, the equation of time, finding time in other cities, how to find the meridian, how to find time by moonlight -- even how to estimate time from the length of one's own shadow! Directions are given for designing dials for any part of the country, or any place in the world. The author has designed many dials, and his text is filled with helpful hints based on his own personal experience. There are over 100 illustrations, charts, and tables, followed by an appendix which is filled with material which reduces or eliminates the need for calculation on the part of the reader.

## **SUNDIALS: THEIR THEORY AND CONSTRUCTION: ALBERT WAUGH**

Sundials: Their Theory and Construction and millions of other books are available for Amazon Kindle. Learn more Enter your mobile number or email address below and we'll send you a link to download the free Kindle App. A nice book, which does in fact provide detailed instructions on building several types of sundials. (I didn't know there were so many.) The geometry of solar motion, the distinctions between apparent and mean time and between local and standard time, the analemma the sun traces on the sky over the course of a year are all given

detailed treatment. This fascinating approach to sundials offers a rigorous appraisal of the science of sundials, including mathematical treatment and pertinent astronomical background. Auto Suggestions are available once you type at least 3 letters. Use up arrow (for mozilla firefox browser alt+up arrow) and down arrow (for mozilla firefox browser alt+down arrow) to review and enter to select. Albert E. Waugh, professor and administrator at the University of Connecticut for 40 years, and an expert on the subject of sundials and their curious history, presents, on the one hand, a rigorous appraisal of the science of sundials, including mathematical treatment and an explanation of the pertinent astronomical background; on the other. Synopsis. Explores all aspects of the science of sundials, providing information on gnomons, scales, and the placement of such instruments as polar, equatorial, and analemmatic dials. AbeBooks.com: Sundials: Their Theory and Construction (9780486229478) by Albert Waugh and a great selection of similar New, Used and Collectible Books available now at great prices. Sundials: Their Theory and Construction - Kindle edition by Albert Waugh. Download it once and read it on your Kindle device, PC, phones or tablets. Use features like bookmarks, note taking and highlighting while reading Sundials: Their Theory and Construction. Albert Waugh's "Sundials: Their Theory and Construction" is a veritable treasure-house of information on the ancient science of gnomonics. As a dedicated dialist of several years, I never could have achieved such wonderful results without Waugh's classic book. I did want to better understand how sundials work and get some ideas about their construction. This book is more advanced than the book by Stoneman. There is significantly more technical information and more of the math to improve the accuracy of your sundials. Have you ever wanted to build or understand how a sundial works? All common types of dials are covered, but the reader can also learn about polar dials, equatorial dials, memorial dials, and many more. Directions are given for designing dials for any part of the country. The author has designed many. Sundials : Their Theory and Construction by Albert E. Waugh and a great selection of similar Used, New and Collectible Books available now at AbeBooks.com. Albert Waugh's "Sundials: Their Theory and Construction" is a veritable treasure-house of information on the ancient science of gnomonics. As a dedicated dialist of several years, I never could have achieved such wonderful results without Waugh's classic book. Sundials: Their Theory and Construction by A. E. Waugh, Dover 1973. Sundials: History, Theory and Practice by R. R. J. Rhor, Dover 1970. Sundials & Timedials: A collection of working models to cut-out and glue together by G. Jenkins and M. Bear, Tarquin Publications 1987.

## **SUNDIALS: THEIR THEORY AND CONSTRUCTION BY ALBERT WAUGH**

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comprehensive guide to all aspects of dialling. "Sundials - Their Theory and Construction" by Albert E. Waugh is a very comprehensive and well-written book on the subject, and is available in paperback. Chapter 17 deals with armillary spheres. Q42 - I just want to ask you the size of the biggest sundial in the world NASS North American Sundial Society for sundials, gnomonics, history of sundials, theory of sundials, making sundials, using sundials, sundial education, teaching sundials, sundial curriculum, sundial construction, sundial design, sun and shadows, solar analemma, analemma calculation, equinox, solstice, and computing equation of time Albert E. Waugh, professor and administrator at the University of Connecticut for 40 years, and an expert on the subject of sundials and their curious history, presents, on the one hand, a rigorous appraisal of the science of sundials, including mathematical treatment and an explanation of the pertinent astronomical background; on the other. EMBED (for wordpress.com hosted blogs and archive.org item tags) Albert E. Waugh, professor and administrator at the University of Connecticut for 40 years, and an expert on the subject of sundials and their curious history, presents, on the one hand, a rigorous appraisal of the science of sundials, including mathematical treatment and an explanation of the pertinent astronomical background; on the other. Compass & Sundial books Compass & Sundial books. BOOK-STTC Sundials: Their Theory and Construction by Albert E. Waugh. Price: \$9.99 Read "Sundials Their Theory and Construction" by Albert Waugh with Rakuten Kobo. Have you every wanted to build a sundial or to understand how one works? Then you have probably been frustrated as you s... SUNDIALS THEIR THEORY AND CONSTRUCTION Download Sundials Their Theory And Construction ebook PDF or Read Online books in PDF, EPUB, and Mobi Format. Click Download or Read Online button to SUNDIALS THEIR THEORY AND CONSTRUCTION book pdf for free now.

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