

About Guy Ottewell

Universal Workshop publishes the works of Guy Ottewell, author of several astronomy and human rights titles. Guy currently resides in England and has lived and worked on several continents. His interest in astronomy came from sleeping out under the stars in the Middle East and, later, learning traditional star-lore among the Navajo Indians of Arizona. He is the founder of the Amnesty International groups of Greenville, South Carolina, and Lyme Regis, England.

The Thousand-Yard Model or The Earth as a Peppercorn

Description: 8.5 x 9.5 in., 16 pages, color painting on cover, illustrations.
1989; 5th printing with revisions 2004. Club Cost: US \$13.00 ea

Instructions for using common objects such as nuts to make a solar-system model, over a distance of 1000 yards. It could be called a Model, Walk, or Happening. Tested many times with groups of children, who invariably are spellbound by the incredible distances. Since it also leads to a vivid grasp of light-years, star sizes, etc., it is an ideal opener to any astronomy course.

This description was twice printed in magazines, and was revised and reprinted as a booklet because there are so many requests for copies of it. The exercise is now performed annually or monthly by some astronomy clubs and at the American Museum of Natural History, New York; has been proposed as an installation in the city of Portland, Oregon; and we know of it being done in Peru, Guadeloupe, Iceland, and along a kilometer of the Great Wall of China.



To Know The Stars

Description: 8 1/2 x 11 in., 41 pages, color cover, illustrations. 1983;
15th printing; 2nd edition 2014.

Club Cost: US \$18.00 ea

This is an introduction to the night sky, for children and other beginners; written in very simple language, and tested on delighted children down to the age of eight. At the outset they are told how to set about viewing the stars; the "dome" picture on the back cover helps in understanding how the sky rolls from east to west. Then for each month there is a simple but vivid sky map; the facing text makes two or three constellations per month stick in the memory, by telling their stories and a few other things about them-in January, Orion and Taurus and the Pleiades; and so on around the sky.

Other concepts are woven in: the Milky Way, leap-days, the ecliptic and zodiac, meteor showers, the Pole, midsummer, changing clocks, dark trenches in the sky and "silly little constellations" . . . A "Quiz" in September is one of the ways of making it fun. After these monthly pages, there are 14 rather packed pages to turn to for "more explanation"; they amount to a gentle beginning textbook of astronomy. The usually confusing business of the sky's changing appearance is cleared by starting from the simplest truth-space with the far-off stars in it-and only then adding the things that complicate it: Sun, Earth, Earth's motions and atmosphere and curvature. A list of the Top Twenty stars (with their personalities) leads into more about stars: their color, distances, sizes. There is something on observing conditions, naked eye vs. binoculars vs. telescopes, astronomy vs. astrology, Greek letters, distances and angles; there is a glossary of terms, and a short list of further reading. The new edition has color paintings on front and back covers.



Astronomical Calendar 2024

Author- Guy Ottewell

-- Description: 11 x 15 in., 139 pages

It was popular as a printed book from 1974 to 2016, used by thousands of sky-lovers in more than 100 countries. It then continued as an electronic book. For 2023 it has reappeared, in both forms, printed and electronic. It has 139 pages, and hundreds of illustrations, including charts and 3-D views of space. For each month there are 6 pages, with about 50 events, sky dome, diagrams of where the planets are in their orbits, and 20 of the most interesting sky scenes. Then there are several-page sections on the Sun and seasons; the Moon; eclipses; occultations; each planet; asteroids; meteor showers. There is a full explanation of the main features, and a glossary of terms.

PRINT BOOK COST US \$21.00 EACH

Is handy for referring from page to page. Coming to a date when there is a meteor shower or opposition of Jupiter, you can also turn to the full information in the section on the planet or the "Meteors" section. You can compare the globe pictures for the April and October solar eclipses.

ELECTRONIC TEXT BOOK: COST US \$12.00

When you order it you will receive a link so that you can download the .PDF document, which you can save to your computer or other device. In fact there will be several opportunities to download it. An advantage of the electronic book is that you can zoom in to see the illustrations in exquisite detail, magnified to full resolution. Another advantage is that you can search the documents to find places where, for instance, "Neptune" or "eclipse season" is mentioned.

There is a tip on how best to display the
Digital Electronic Text-Book on your device
Part of the "All the Sky" chart.

Sample image. Ability to enlarge on electronic device.



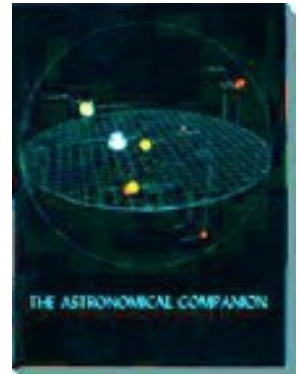
The Astronomical Companion

PRE-ORDER NEW EDITION IN PRODUCTION – DEC 2023 JAN 2024

Description : 11 x 15 in, 73 pages, illustrations.

Rich in 3-D diagrams 2010.

Club Cost: US \$45.00



A general guide to astronomy; some say it should be called the *Astronomical Treasury*. Same large page-size as the *Astronomical Calendar*. Begins with an "Overview of Astronomy" and pictures that almost force you to understand coordinate systems and orientation in space. A strand running through the book is the series of 30 ten-inch-diameter diagrams showing expanding spheres of space, from the Moon's orbit and the domains of planets and comets out through the nearest stars, the brightest stars, the neighboring regions of our Milky Way galaxy, the whole galaxy, the Local Group of galaxies, the Virgo Super cluster, the domain of the quasars, and on to the eerie limit of the universe.

Among many other features are a map and catalogue of star names with their derivations; the seasons (including their linking with traditional dates such as Beltane, Halloween, St. Lucy's Day); the world's calendars; precession and its many consequences; "Moonlight" and "Earthlight" and "Moon as Signpost"; comparative distances; a comprehensive Hertzsprung-Russell Diagram (the graph that relates all the kinds of star by color and brightness); and pages on constellations, meteor showers, double stars, variable stars. . .

This is a NEW EDITION of the book first published in 1979 and reprinted 18 times. The major illustrations (including covers) are redone with clearer plotting and modern data. Distances are expressed in light-years (as well as the more technical parsecs). Besides overall updating and corrections, some added features are timeline-tables of nearly 200 astronomers, charts of some coming eclipses, a new chronology of space exploration (by Clifford Cunningham), and a full index.

2023 RASC Observer's Handbook - US Edition

Product Description Format: Soft Cover Pages: 356

Club Cost: US \$33.00 ea

The Observer's Handbook is a 356 page guide published annually since 1907 by the Royal Astronomical Society of Canada. Through its long tradition and the expertise of more than 40 contributors, the Observer's Handbook has come to be regarded as the standard North American reference for data on the sky. The material in the Handbook is of interest to professional and amateur astronomers, scientists, teachers at all levels, students, science writers, campers, scout and guide leaders, as well as interested general readers. The Observer's Handbook is an integral part of many astronomy courses at the secondary and university levels, and it should be on the reference shelf of every library.

The various sections in the Observer's Handbook are of two kinds: Sections dealing with astronomical events which occur during the current year:

- Times of sunrise and sunset
- Moonrise and moonset (for latitudes 20 to 62 degrees N)
- Eclipses
- Location of the planets and bright asteroids
- Returns of periodic comets
- Times of meteor showers
- Predictions of occultations by the Moon and by asteroids
- The orbital positions of the brighter satellites of both Jupiter and Saturn
- And predictions of the cycles of many variable stars.

There is also a 24-page section called "The Sky Month By Month" which gives an extensive listing of events for each month of the year.

The Handbook also includes sections dealing with astronomical data and other information which do not vary from year to year:

- orbital and physical data on the planets and their satellites
- astronomical and physical constants
- some optical properties of telescopes and binoculars
- information on filters for astronomical observing
- light pollution and sky transparency
- a description of the various systems of specifying time
- information on the Sun including sunspots and aurorae
- a list of meteorite craters in Canada and the United States
- advice on using the Observer's Handbook for teaching astronomy
- information on the Gegenschein and zodiacal light
- 40 pages of authoritative tables dealing with stars, star clusters, nebulae and galaxies
- Maps of the Moon and the entire stellar sky.
- Revisions are made annually to ensure that the information is the best available.

Earth Centered Universe (ECU), free PC planetarium software is included with each Handbook

The Observer's Handbook is the must-have resource for advanced amateur and professional astronomers. Published by the Royal Astronomical Society of Canada since 1907, this 300+ page guide is internationally recognized as the finest annual compendium of astronomical highlights and detailed information for the year.

Skyways -- Handbook for Teachers

by Mary Lou Whitehorne

Club Cost: US \$15.00 ea

Skyways, the RASC's Astronomy Handbook for Teachers was written specifically for Canadian educators and meets the astronomy learning outcomes outlined in the Common Framework of Science Learning Outcomes (the "Pan-Canadian Protocol"). The book contains instructions for hands-on activities on a wide range of topics and geared for grades 5-12.

Skyways contains sections on:

Conceptual background

Teacher information

Student worksheets

Resource lists

Seasons

Moon Phases and Tides

Solar System

The Sun

Stars

Constellations

Distance Determination

The Milky Way, Galaxies and the Universe

Telescopes

Canadian Contributions to Astronomy

FAQ's

2024 Deep Space Mysteries -- Astronomy Calendar



The Astronomy Calendar features breathtaking images of stars, planets, galaxies and other deep space wonders and includes a highly informative essay accompanying each photograph.

The Cleveland Astronomical Society

Cost is \$ 9.00.

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2023 Observer's Handbook -- \$33 ea		
Skyways -- \$15 ea		
<i>The Thousand-Yard Model or The Earth as a Peppercorn</i> -- \$13 ea		
<i>To Know The Stars</i> -- \$18 ea		
Astronomical Calendar 2024-- Guy Ottewell - Print Copy -- Cost: \$21 ea Electronic Copy -- Cost: \$12 ea		
The Astronomical Companion -- Cost: \$45.00 ea NEW EDITION IN PRODUCTION - PRE-ORDER		

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Thank you for your support.

Ingrid Sledz, Assistant to Treasurer

isledz@yahoo.com or 440-333-7827 or bring to the meetings on Sept or Oct

Items will be ordered after the Nov meeting and distributed at the Dec meeting.

Payment will be due at the time of distribution.