



# Observer's Handbook 2010

102<sup>ND</sup> YEAR OF PUBLICATION

EDITOR: PATRICK KELLY

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA

ISSN 0080-4193 ISBN 978-0-9813292-1-5

APPROX. 320+ PAGES, SOFT COVER, 14CM X 21.5CM

Available  
October 2009

The *Observer's Handbook* is a 320+-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* that occur during the current year, e.g. 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 star 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 a 28-page section called "The Sky Month By Month" that gives an extensive listing of events.

Sections dealing with *astronomical data* and other information that does not vary from year to year (although revisions are made annually to ensure that the information is the best available), e.g. 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.

QUANTITY	CANADIAN PRICES				USA PRICES			INTERNATIONAL PRICES		
	PRICE \$CDN	S & H EA.	GST EA.	TOTAL \$CDN EA.	PRICE \$US	S & H EA.	TOTAL \$US EA.	PRICE \$US	S & H	TOTAL \$US EA.
1-4 COPIES	25.95	4.50	1.52	<b>31.97</b>	25.95	6.50	<b>32.45</b>	25.95	13.50	<b>39.45</b>
5-9 COPIES	16.45	3.50	1.00	<b>20.95</b>	16.45	4.50	<b>20.95</b>	16.45	CALL	CALL
10-24 COPIES	15.95	2.50	.92	<b>19.37</b>	15.95	2.50	<b>18.45</b>	15.95	CALL	CALL
25-99 COPIES	15.45	1.50	.80	<b>17.80</b>	15.45	2.00	<b>17.45</b>	15.45	CALL	CALL
100+ COPIES	14.95	1.00	.72	<b>16.75</b>	14.95	1.25	<b>16.20</b>	14.95	CALL	CALL

GST Registration # 11912 6282

Recommended Retail Price \$25.95

Published: September 2008

Returns on bulk orders: No cash refunds. A restocking charge of 15% per book will be deducted from the amount credited. No refunds on shipping.

Quoted S & H charges apply only to orders shipped within Canada or the USA; contact us for S&H charges to other destinations. Prices are subject to change without notice.

## OBSERVER'S HANDBOOK 2010 ORDER FORM

NAME: \_\_\_\_\_ PHONE: (\_\_\_\_) \_\_\_\_\_  
Company/Club

ADDRESS: \_\_\_\_\_ FAX: (\_\_\_\_) \_\_\_\_\_

\_\_\_\_\_ EMAIL: \_\_\_\_\_

\_\_\_\_\_ CONTACT: \_\_\_\_\_

\_\_\_\_\_ COPIES @ \$ \_\_\_\_\_ Each (Total amount from above table) = TOTAL \$ \_\_\_\_\_

PAID BY: CHEQUE  # \_\_\_\_\_ VISA   
MASTERCARD

P.O. # \_\_\_\_\_ EXPIRY DATE \_\_\_\_\_ / \_\_\_\_\_ SIGNATURE \_\_\_\_\_

Please invoice  (Bulk orders over 10 copies only).

ORDER ON THE INTERNET USING YOUR CREDIT CARD: [www.store.rasc.ca](http://www.store.rasc.ca)

OR: SEND ORDER FORM TO:

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA Tel: (416) 924-7973  
203 - 4920 Dundas St W, Toronto ON M9A1B7 Canada Fax: (416) 924-2911

Email: [mempub@rasc.ca](mailto:mempub@rasc.ca)  
Web site: [www.rasc.ca](http://www.rasc.ca)

200909/02