

Astronomy

ATLASES AND HANDBOOKS

Use these to locate data, basic explanations of different processes, and overviews of principles important to a particular discipline:

Astronomical Almanac for the Year ... (Owen Reference QB8.U7 [yr]) Supplementary data online.

Astronomical Calendar (Owen Reference QB1.O8X [yr])

Cambridge Atlas of Astronomy (Owen Reference QB65.G6813 1994)

Cambridge Star Atlas (Owen Reference QB65.T537 2001)

Norton's Star Atlas and Reference Handbook (Owen Reference QB65.N7 1998)

Observer's Handbook (Owen Reference QB1.038x 2007)

Photographic Atlas of the Stars (Owen Reference QB65.A76x 1997)

ABSTRACTS AND INDEXES

Use these to locate references to articles on a topic, government documents, and/or papers presented at meetings:

ARIBIB (ARI Bibliographic Database for Astronomical References) (library webpage, Article Indexes/E-Journals)

1899 - present Electronic access to *Astronomy & Astrophysics Abstracts* and *Astronomischer Jahresbericht*. Updated monthly.

INSPEC (EBSCO) (library webpage, Article Indexes/E-Journals)

1969 - present This database indexes the literature of astronomy, physics, computer science, and electrical engineering. It is the electronic counterpart of the print indexes: *Computer & Control Abstracts*, *Electrical & Electronics Abstracts*, and *Physics Abstracts*.

Science Citation Index/Web of Science (library webpage, Article Indexes/E-Journals)

1990 - present *Web of Science* is the electronic counterpart of *Science Citation Index*

1964 - 1991 (Owen A&I East Alcove)

This is a multidisciplinary index to articles in over 6,000 science journals. A unique feature allows a "citation" search to find who referenced a particular article.

DIRECTORIES

Graduate Programs in Physics, Astronomy and Related Fields (Owen Reference QC30.A522a 2008).

BIOGRAPHICAL SOURCES

Useful as a starting point for locating biographical information on scientists

American Men and Women of Science (Owen Reference Q141.A47 [ed])

Biographical Dictionary of Scientists: Astronomers (Owen Stacks QB35.B56 1984b)

Dictionary of Scientific Biography (Owen Reference Q141.D5 v. 1-18)

ENCYCLOPEDIAS AND DICTIONARIES

Use these for background information and help with terminology

Astronomy Encyclopedia (Owen Reference QB14.A875 2002)

Dictionary of Astronomy (Owen Reference QB14 D52 1997) Also available online

Dictionary of Astronomical Names (Owen Reference QB14.R66 1988)

Dictionary of Geophysics, Astrophysics, and Astronomy (Owen Reference QB14.D53 2001) Also available online.

A Dictionary of Space Exploration. Available online.

Encyclopedia of Astronomy and Astrophysics (Owen Reference QB14.E532 2001)

Encyclopedia of Space Science and Technology (**Owen Reference** QB497 E53 2003)

Firefly Encyclopedia of Astronomy (Owen Reference QB14 F57 2004)

History of Astronomy; An Encyclopedia (Owen Reference QB15.H624 1997)

StarBriefs Plus: A Dictionary of Abbreviations, Acronyms and Symbols in Astronomy and Related Space Sciences (Owen Reference QB14 S743 2004)

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Available in alternative format upon request.