



Philip's Atlas of the Universe

By Sir Patrick Moore

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Philip's Atlas of the Universe By Sir Patrick Moore

This edition contains many new features, from explanations of dark matter and neutrinos to techniques of digital observing and photography. As well as giving an informative portrait of each element of the cosmos, the book provides superb star maps and sound advice on practical observing, making it an ideal choice for newcomers to astronomy. Sir Patrick's narrative is supremely clear, absorbing and entertaining, as he recounts the history of space exploration, describes the Solar System, stars and galaxies, and explains the latest theories on the origins of the Universe. The book is illustrated with hundreds of maps and diagrams, plus Sir Patrick's own selection of the best photographs from ground-based telescopes and the Hubble Space Telescope, along with spectacular images from nearly four decades of robotic exploration of the planets. Highlights of this new edition include an explanation of the extraordinary concepts that have shaken our picture of the Universe - dark matter and dark energy, as well as new strands of science that have emerged in recent years such as astrobiology and neutrino astronomy. An expanded practical section reflects the new era in amateur astronomy - affordable high-quality cameras and telescopes, computer control and image-processing have made astronomy accessible to millions of new enthusiasts.

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Editorial Review

Amazon.com Review

There are many atlases showing features on the surface of the earth, but this book is the only one (in late 1998, at least) to cover the whole universe. Patrick Moore, who has hosted BBC Radio's popular *The Sky at Night* program for more than 40 years, gives straightforward, though not simplistic, explanations of astronomical objects of every order of magnitude. He includes charts of every mapped body in the solar system (except Earth), as well as maps and guides to every constellation.

Throughout this encyclopedic work, Moore emphasizes information likely to be useful to amateur astronomers. He provides better coverage of comets and variable stars than do most general works, for instance, because these are areas where amateurs can make important observations. Although he includes a number of gorgeously colored pictures from the Hubble space telescope and other top-flight observatories, Moore retains a focus on what you yourself might be able to see. An excellent single-volume reference, *Atlas of the Universe* is also a good starting point for your own exploration of the heavens. --*Mary Ellen Curtin*

From Library Journal

British astronomy popularizer Moore has added yet another volume to his amazingly prolific output, this time a new edition of a reference work first published in 1970 and last completely revised in 1988. At that time, Moore wrote that a full revision would be necessary "before 2000," and the time has now arrived. With such developments as great new telescopes, Mars landings, the space shuttle, Voyager 2 flybys, and missions to Halley's Comet, so much has happened in astronomy in the last decade that this new edition (published last year in Britain as Philip's Atlas of the Universe) is as welcome as it is timely. Like its predecessors, the new edition follows the pattern of a general historical overview, followed by individual sections on the solar system, the sun, the stars, the structure of the universe and our galaxy's place in it, and over 20 useful star maps, all incorporating the newest scientific data. Recommended especially for public libraries and academic libraries collecting undergraduate-level astronomical materials, although those having any of the earlier editions will appreciate the usefulness of this new work. --Donald J. Marion, Univ. of Science & Engineering Lib., Minneapolis

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Review

'The best introduction to astronomy' Journal of the British Astronomical Association.

Users Review

From reader reviews:

Noemi Burns:

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