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 The Casual Sky Observer's Guide
 2022 Guide to the Night Sky Southern Hemisphere: A month-by-month guide to exploring the skies above Australia, New Zealand and South Africa
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 The Secret World of Stargazing
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 The Last Stargazers
 National Geographic Backyard Guide to the Night Sky, 2nd Edition

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[A User's Guide to the Meade LXD55 and LXD75 Telescopes](#) Philip's

This handbook is for beginners to astronomy, introducing the world of telescopes, planets, stars, dark skies, and celestial maps. Discover how to tackle light pollution, how to stargaze with just your eyes, and what equipment is best for beginners. The book explains the best ways to plan your stargazing experience and the keys things to lookout for on specific dates throughout the year, and includes seasonal star charts, constellation charts, and facts about our solar system. *The Casual Sky Observer's Guide* Dorling Kindersley Ltd

For as long as there have been people, men and women have looked up into the night sky and wondered about the nature of the cosmos. Without the benefit of science to provide answers, they relied on myth and superstition to help them make sense of what they saw. Lucky for us, we live at a time when regular folks, equipped with nothing more than their naked eyes, can look up into the night sky and gain admittance to infinite wonders. If you know what to look for, you can make out planets, stars, galaxies, and even galactic clusters comprising hundreds of millions of stars and spanning millions of light-years. *Astronomy For Dummies* tells you what you need to know to make sense of the world above us. Written by one of the most well-known astronomers in the world, this fun, fact-filled, and accessible guide fills you in on the basic principles of

astronomy and tells you how to: Identify planets and stars Explore our solar system, the Milky Way, and beyond Understand the Big Bang, quasars, antimatter, black holes, and more Join the Search for Extraterrestrial Intelligence (SETI) Get the most out of planetarium visits Make more sense out of space missions From asteroids to black holes, quasars to white dwarfs, *Astronomy For Dummies* takes you on a grand tour of the universe. Featuring star maps, charts, gorgeous full-color photographs, and easy-to-follow explanations it gives you a leg up on the basic science of the universe. Topics covered include: Observing the night sky, with and without optics Selecting binoculars and telescopes and positioning yourself for the best view Meteors, comets, and man-made moons Touring our solar system and becoming

familiar with the planets, asteroids, and near Earth objects Our Sun, stars, galaxies, black holes and quasars SETI and planets revolving around other suns Dark matter and antimatter The Big Bang and the evolutions of the universe You might think the cosmos is a vast and mysterious place, but *Astronomy For Dummies* will make it seem as friendly and familiar as your own backyard.

2022 Guide to the Night Sky Southern Hemisphere: A month-by-month guide to exploring the skies above

Australia, New Zealand and South

Africa Springer Science & Business Media Do you want to learn about the physical origin of the Universe, but don't have the rest of eternity to read up on it? Do you want to know what scientists know about where you and your planet came from, but without the science blinding you? 'Course you do - and who better than *For Dummies* to tackle the biggest, strangest and most wonderful question there is! *The Origins of the Universe For Dummies* covers: Early ideas about our universe Modern cosmology Big Bang theory Dark matter and gravity Galaxies and solar systems Life on earth Finding life elsewhere The Universe's forecast

Moongazing: Beginner's Guide to

Exploring the Moon John Wiley & Sons SHORTLISTED FOR THE ROYAL SOCIETY SCIENCE BOOK PRIZE 2021 FINALIST FOR THE PEN/E.O. WILSON LITERARY SCIENCE WRITING AWARD AN AMAZON BEST BOOK OF 2020 To be an astronomer is to journey to some of the most inaccessible parts of the globe, braving mountain passes, sub-zero temperatures, and hostile flora and fauna. Not to mention the stress of handling equipment worth millions. It is a life of unique delights and absurdities ... and one that may be drawing to a close. Since Galileo first pointed his telescope at the heavens, astronomy has stood as a fount of human creativity and discovery, but soon it will be the robots gazing at the sky while we are left to sift through the data. In *The Last Stargazers*, Emily Levesque reveals the hidden world of the professional astronomer. She celebrates an era of ingenuity and curiosity, and asks us to think twice before we cast aside our sense of wonder at the universe.

2021 Guide to the Night Sky: A month-by-month guide to exploring the skies above North America Collins

Turn your eyes to the skies for this starry-eyed spectacular! Take this practical page-turner on your out-of-this-world adventure to experience cosmic wonders, key constellations, and intergalactic information.?? Packed with crystal-clear visuals, easy-to-read maps, and top tips,

you'll have no problems navigating the starry night with this indispensable guide. Discover the most important constellations visible in the Northern Hemisphere, read the amazing stories behind each constellation, recognise the constellations of the zodiac, and experience the Milky Way as never before. Learn how to spot planets, galaxies, and nebulas in our Universe, as mind-blowing patterns in the sky are revealed in unprecedented detail. With a foreword by British space scientist Maggie Aderin-Pocock and a glow-in-the-dark night-sky viewer included, *StarFinder For Beginners* is the total package for budding astronomers and rising stars everywhere.

The Ultimate Guide To Master

Astrophotography John Wiley & Sons Reach for the stars *Stargazing* is the practice of observing the night sky and its contents - from constellations through to planets and galaxies. Stars and other night sky objects can be seen with the naked eye, or seen in greater numbers and in more detail with binoculars or a telescope. *Stargazing For Dummies* offers you the chance to explore the night sky, providing a detailed guide to the main constellations and also offering advice on viewing other night sky objects such as planets and nebulae. It's a great introduction to a fun new hobby, and even provides a fun way to get the kids outside while doing something educational! Gives you an introduction to looking at the sky with binoculars or a telescope Offers advice on photographing the night sky Without needing to get your head around mind-bending theories, you can take part in some practical physics If you're looking for easy-to-follow guidance on getting to know the night sky, *Stargazing For Dummies* has you covered.

Planisphere and Starfinder Dorling

Kindersley Ltd

Collins *Stargazing*

StarFinder for Beginners National

Geographic

Introduction to Astronomy & Cosmology is a modern undergraduate textbook, combining both the theory behind astronomy with the very latest developments. Written for science students, this book takes a carefully developed scientific approach to this dynamic subject. Every major concept is accompanied by a worked example with end of chapter problems to improve understanding Includes coverage of the very latest developments such as double pulsars and the dark galaxy. Beautifully illustrated in full colour throughout Supplementary web site with many additional full colour images, content, and

latest developments.

Philip's Planisphere (Latitude 51. 5 North) Collins

The perfect gift for amateur and seasoned astronomers. Follow the progress of constellations throughout the seasons with this beautiful companion to the night sky from Astronomy experts Collins.

Astronomy For Dummies Dorling Kindersley Ltd

A guide to viewing stars, the moon, planets, meteors, comets, and aurora through binoculars. Features a foreword by renowned astronomer and writer David Levy. Includes a complete guide to current binocular brands and models and explains what to look for in each season.

Astronomy 101 Hachette UK

This is the ideal resource for beginners and experienced stargazers in the United States and Canada, and has been updated to include new and practical information covering events occurring in North America's night sky throughout 2021. *Turn Left at Orion* Cambridge University Press

Volume packed full of information that illuminates key astronomical concepts along side the history and legends surrounding the stars and planets.

Astronomy Manual Simon and Schuster

The ninth edition of Ian Ridpath and Wil Tirion's famous guide to the night sky is updated with planet positions and forthcoming eclipses to the end of the year 2017. It contains twelve chapters describing the main sights visible in each month of the year, providing an easy-to-use companion for anyone wanting to identify prominent stars, constellations, star clusters, nebulae and galaxies; to watch out for meteor showers ('shooting stars'); or to follow the movements of the four brightest planets, Venus, Mars, Jupiter and Saturn. Most of the sights described are visible to the naked eye and all are within reach of binoculars or a small telescope. This revised and updated edition includes sections on observing the Moon and the planets, with a comprehensive Moon map. The *Monthly Sky Guide* offers a clear and simple introduction to the skies of the northern hemisphere for beginners of all ages.

Discovering the Universe For Dummies

Reviews for the previous editions: Among the many good books on binocular astronomy, *Stargazing with Binoculars* stands out as one of the best. [Scagell and Frydman] pack an amazing amount of information into a volume that's clearly written, entertaining, attractive, and portable. --*Sky and Telescope* A serious contender for the title of best all-around introduction to binocular astronomy. --*Sky*

and Telescope Stargazing with Binoculars is the ideal guide for newcomers to astronomy. The authors review the range of the latest binoculars on the market and provide advice on features to consider before making a purchase. Then they lead the beginner through the first steps of using binoculars to observe the night sky, describing what will be visible and how to find specific objects. This edition has been thoroughly updated to incorporate the latest binocular technology. Illustrated throughout and packed with handy tips and tricks, the book includes: How binoculars work and what to expect Buying for the first time and upgrading The wide range of binoculars available internationally Using different sizes of binoculars The effects of light pollution Observing the Sun, Moon, planets, comets, asteroids, stars, clusters, variable stars, double stars, novae, nebulae and galaxies Guidance for observing in the city and in the country Glossary of terms. Binoculars are portable and financially accessible, whereas a telescope can be costly and unwieldy. Even binoculars without bells and whistles will give the viewer an exciting look into the night sky. This introduction is the ideal guide in that pursuit.

Pirate Gran HarperCollins UK

Invaluable for both beginners and advanced observers, Philip's Planisphere (Latitude 51.5 North) is a practical hour-by-hour tracker of the stars and constellations, designed for use anywhere in Britain and Ireland, Northern Europe, Northern USA and Canada. Turn the oval panel to the required date and time to reveal the whole sky visible from your location. The map, by the well-known celestial cartographer Wil Tirion, shows stars down to magnitude 5, plus several deep-sky objects, such as the Pleiades, the Andromeda Galaxy (M31) and the Orion Nebula (M42). Because the planets move round the Sun, their positions in the sky are constantly changing and they cannot be marked permanently on the map; however, the back of the planisphere has tables giving the positions of Venus, Mars,

Jupiter and Saturn for every month until 2020. The planisphere is supplied in a full-colour wallet that contains illustrated step-by-step instructions for how to use the planisphere, how to locate planets, and how to work out the time of sunrise or sunset for any day of the year. It explains all the details that can be seen on the map - the magnitudes of stars, the ecliptic and the celestial coordinates. In addition, the section 'Exploring the skies, season by season' introduces the novice astronomer to the principal celestial objects visible at different times of the year. Major constellations are used as signposts to navigate the night sky, locating hard-to-find stars and some fascinating deep-sky objects. The movement of the stars is also explained.

Starfinder Stackpole Books

A guide to astronomy covers such topics as the Sun, the planets, galaxies, the big bang, and astrobiology, along with brief profiles of prominent figures in astronomy. *Introduction to Astronomy and Cosmology* John Wiley & Sons Patrick Moore's illustrated month-by-month guide to astronomy with the naked eye.

The Monthly Sky Guide Han Global Trading Pte Limited

Planisphere and Starfinder is a practical guide to finding your way around the night sky. It demystifies astronomy and introduces basic stargazing techniques, enabling you to find and recognize objects with ease. A section on the Solar System shows you how to observe the Moon, planets, and other bodies such as comets and asteroids. It also gives advice on looking at eclipses and meteor showers. The central section of the book is a detailed guide to the constellations. Each entry in the guide is illustrated with a clear star chart, supported by graphics that show where in the world the constellation can be seen and explain the symbolic meaning of its star pattern. The key features for observation are presented in an accessible list supported by advice on how best to observe them. The final section is a month-by-month guide to the night sky. A double-page spread for each

month highlights the features on view, while a large-scale chart shows you where to find the planets and a table of special events lists the dates of Moon phases, eclipses, and the best times to see the planets.

Summer Stargazing Hachette UK

Discover the amazing wonders of the night sky with this expanded edition to 100 Things to See in the Night Sky, perfect for every amateur stargazer and armchair astronomer! Keep your feet on the ground and experience the night sky to the fullest by exploring planets, satellites, and constellations with this all-inclusive reference guide to space. 100 Things to See in the Night Sky, Expanded Edition is full of information on the many amazing things you can see with a telescope, or just your naked eye! From shooting stars to constellations and planets to satellites, this book gives you a clear picture of what you can see on any given night. Learn about the celestial bodies that have captured people's imaginations for centuries, with specific facts alongside traditional myths and beautifully illustrated photographs and star charts that will help you know where to look for the best view. With this illuminating guide, you'll enjoy hours of stargazing, whether you're travelling, camping, sitting in your back yard, or simply flipping through the beautiful images in this book.

Stars and Planets Dorling Kindersley Ltd

Find everything you need to observe, understand and enjoy the night sky in this complete practical kit for star watchers. Pick up the handy visual guide and find out what you'll need to get started and when to look for stars, plus explore a complete introduction to the Solar System. Use the interactive planisphere to navigate the entire sky any time of night, throughout the year. Plus, 44 double-sided cards and a mini torch reveal how to identify each constellation, with hints and tips on special features to look for in each formation. Whether you're a complete beginner or an accomplished astronomer, this is your up-to-date guide to exploring the cosmos.

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