



# The Ever-Changing Sky: A Guide to the Celestial Sphere

*By James B. Kaler*

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The Ever-Changing Sky is a comprehensive and uniquely non-mathematical guide to spherical astronomy. In a clear and lucid text, it guides through terrestrial and celestial co-ordinate systems, time measurement and celestial navigation, on to the stars and constellations (with useful star maps provided), the motions and appearance of the Moon and planets, tides and eclipses, and the smaller bodies of the Solar System (asteroids, meteors, meteorites and comets). There is also a brief overview of atmospheric phenomena. This text is invaluable to students of naked-eye astronomy, amateur and professional astronomers, and more general readers wanting to know how the night sky changes.

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#### **Review**

"[A]n excellent discussion of the variations in solar time. This is essential material for understanding sundials." Joe Heafner, Sky & Telescope

"It develops into a comprehensive treatment of all aspects of the sky that could be useful to astronomers, whether they are professionals, amateurs, or students, and to general readers who simply wish to learn about the night sky...a thoroughly enjoyable read." Astronomy

#### **About the Author**

James B. Kaler is Professor of Astronomy at the University of Illinois where his research centres on dying stars. Professor Kaler has held Fulbright and Guggenheim Fellowships, and has been awarded medals for his work from the University of Liege in Belgium and the University of Mexico. As well as having published more than 100 research articles, he has written for a variety of popular and semi-popular magazines including Mercury, Astronomy, Stardate, Sky and Telescope, Scientific American, and l'Astronomia in Italy, and appears regularly on Illinois television and radio. His popular book, Stars, was published by Scientific American Library in 1992, and a new elementary astronomy textbook, Astronomy!, was published in 1994 by HarperCollins. Professor Kaler was also a consultant for Time-Life Books on their Voyage Through the Universe series. He is past president of the Board of the Champaign-Urbana Symphony.

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##### **Arthur Smith:**

People live in this new day time of lifestyle always make an effort to and must have the time or they will get wide range of stress from both daily life and work. So , when we ask do people have spare time, we will say absolutely indeed. People is human not really a huge robot. Then we question again, what kind of activity do you have when the spare time coming to you of course your answer will unlimited right. Then do you ever try this one, reading ebooks. It can be your alternative inside spending your spare time, typically the book you have read is definitely The Ever-Changing Sky: A Guide to the Celestial Sphere.

**Shelley Gavin:**

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