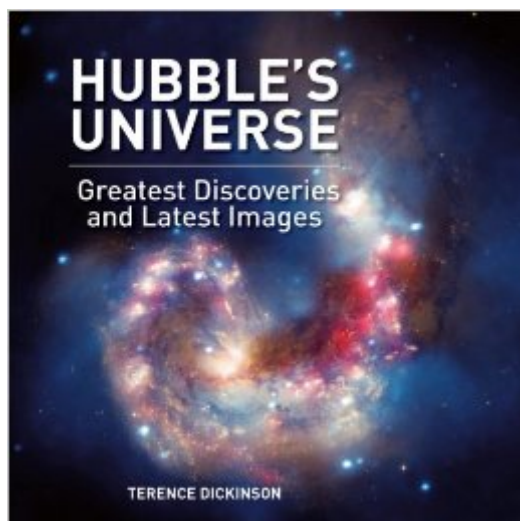


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# Hubble's Universe: Greatest Discoveries And Latest Images



## Synopsis

Praise for the first edition: "Superbly well-produced. Any engagement with this 'cosmic portfolio,' from picture gazing to deep reading, is grandly rewarded." -- Booklist "The book's precise descriptions and captions brilliantly complement the nearly 300 full-color Hubble images.... this is an amazing book.... Outstanding." -- Library Journal "A treasure map to the majesty of our universe." -- Publishers Weekly "A reminder that the finest telescope in space might also be the greatest camera ever created." -- Wall Street Journal The Hubble Space Telescope is now at the apex of its imaging capabilities yet until the publication of Hubble's Universe, no other popular book had presented the latest pictures taken by the new Wide Field Camera 3. For his most recent book, Terence Dickinson selected a breathtaking portfolio of Hubble pictures from a library of more than 700,000 images. Thanks to Dickinson's familiarity with Hubble's history and discoveries and his access to top Hubble scientists for insight and accuracy, the text includes facts and tidbits not found in any other book. Combined with more than 300 brilliant images, the clear, succinct and illuminating narrative brings to life the fascinating forces at work in the universe.

## Book Information

Age Range: 8 and up

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Average Customer Review: 4.8 out of 5 stars [See all reviews](#) (140 customer reviews)

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## Customer Reviews

The Hubble Space Telescope has been in service since 1990. The telescope weighs 12 tons, is the size of a bus, has a 2.4 meter mirror (vs. 8 - 10 on the largest Earth-bound telescopes), and observes in the near ultraviolet, visible, and near infrared spectra. The Hubble is located in an orbit

about 330 miles above the Earth's atmosphere. Adaptive optics and computer programming is now able to remove much of the blur caused by the Earth's atmospheric turbulence, but the Hubble still has an advantage in that it is not impeded by any background glow in the sky. It can resolve a pair of fireflies six feet apart at the distance of NYC - Tokyo. Originally its mirror was unable to focus properly due to a grinding error - incredibly new optical components with the exact same error in the opposite sense were able to correct the problem when installed in a later mission. NASA plans to add a new space telescope (James Webb Space Telescope) with a 6.5 meter mirror and half the mass of the Hubble; expenditures are now capped at \$11 billion by Congress. The book contains over 300 cosmic photos selected by the author, some taken as recently as spring 2012. The first photo is that of star cluster Messier 9, about 250,000 light-years from Earth, discovered in 1764 as a faint smudge. The Hubble portrait of this cluster reveals 250,000 individual stars in its entirety. The second shows the interstellar gas blast wave from a 400+ year ago supernova blast. Other photos show galaxies almost 100 million light-years away - an incredible distance.

I only write a review when something is truly outstanding - and this is certainly one of those books. Large format so the pictures have great detail, excellent printing and hardcover, and the text is intelligent but geared to the layperson. Any astronomy person will LOVE this book!

I read Hubble's Universe every night and was just amazed at the science and technology behind this venture. Just gazing at the fold out of the thousands of galaxies throughout the distant universe, gave me pause for reflection. I highly recommend this book for the sheer beauty of the pictures if that is all you do is to look at the pictures. Read the story behind the pictures and the history that the author has painstakingly put together, it will bring more clarity to the workings of Hubble and the team 'on earth' who bring us the simplicity of beauty.

First thing first, for about \$20, you won't ever be able to find a book that will feed your imagination like "Hubble's Universe". Find a nice place under a tree, feel the wind caress your face, the silence only broken by the occasional bird. Open this wonderful book and enjoy a ride that will astonish your senses. Clear, colorful, enchanting pictures of far far far away galaxies, nebulas and clusters in their incomparable magnificence, Unimaginable wonders right in front of your eyes for you to enjoy and cherish; that's what "Hubble's Universe" is all about. HIGHLY recommended for the simply curious, the novice, the occasional astronomer and experts alike!

I bought a book at a couple of years ago called "Far Out" by Michael Benson and it has some truly amazing images in it. I thought maybe this will be as good as it gets for consumer Astronomy picture books. It has now been surpassed. Just recently I bought "Hubble's Universe" by Terence Dickinson and am now finished the book. Every time you turn a page is WOW!!!! moment in your life. The images in this book are just stunning. Terence writes in a non-technical very reader friendly style and I've a couple of his books from the past but this thing has got to be the greatest astronomy picture book to be found. We see a lot of bad things in the news media about some people but this book is representative of some of mankind's highest achievements. The ability to create a technology in order to "see" objects that are hundreds of thousands of light years across and hundreds of millions of light years distant in such stunning detail is truly a unique human trait. Reading through this book is very humbling in that we humans are contemplating the unbelievably vast oceans of space, time and matter and we are insignificant bits of dust on Earth with extremely limited time spans. But we can also feel a sense of pride in our teams of scientists and engineers... and the every day tax-payers supporting them, who have enabled such a wonderful view of the cosmos. It would be a waste of time and money to buy a Kindle version of this book as the colourful images is what this book is about. You need the physical book for this one. Truly wonderful !!!! (Absolutely awesome !!! for residents of the USA)

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