



# Global Warming: Understanding the Forecast

*David Archer*

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Archer's *Global Warming: Understanding the Forecast* 2nd Edition, is the first real text to present the science and policy surrounding climate change at the right level. Accompanying videos, simulations and instructional support makes it easier to build a syllabus to improve and create new material on climate change. Archer's polished writing style makes the text entertaining while the improved pedagogy helps better understand key concepts, ideas and terms. This edition has been revised and reformulated with a new chapter template of short chapter introductions, study questions at the end, and critical thinking puzzlers throughout. Also a new asset for the BCS was created that will give ideas for assignments and topics for essays and other projects. Furthermore, a number of interactive models have been built to help understand the science and systems behind the processes.

## Global Warming: Understanding the Forecast Details

Date : Published September 21st 2011 by Wiley (first published December 11th 2006)

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Author : David Archer

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# **From Reader Review Global Warming: Understanding the Forecast for online ebook**

## **Ronspross says**

Although it could use occasional grammatical editing (probably noticeable mainly to someone like me who can be anal about such things) this is an excellent book for the educated layperson who wants to go a little deeper into the mechanisms for global warming, but cannot to the math. The fundamental science is presented well. There are a few equations but they are simple and for the most part easy (as equations go) to understand -- usually they can be skipped as well.

His graphs and explanation of black body emission, and how green house gases affect the emission spectrum of the earth (this is key to qualitatively understanding mechanism of global warming at more than the most superficial level) are great -- they are also available on internet's site for the book. I would say they are "worth the price of the book", but the book is about \$50 (I guess it's a college textbook ... but it would be for a class of non-specialists).

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## **David says**

Great textbook for anyone who wants to delve a little deeper into the numbers and equations and basic scientific principles which inform our understanding of climate change. The author has an excellent course at Coursera: <https://www.coursera.org/course/globalwarming>

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## **Frederick Bingham says**

This is a decent book about climate change by a University of Chicago geochemist.

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## **Isaiah Swantz says**

Global Warming: Understanding the Forecast by David Archer is a great book that explains this issue of global warming very well. This is a great book for high-school/college students. It is a great way to learn about this issue for all kinds of people. Like students or normal readers. This book has a great explanation of why global warming is such a big issue. David Archer does a great job in this book explaining global warming as well. He knows a lot about it himself. He is a professor for the University of Chicago and writes about a lot of these types of issues. That is his career. He knows what he is talking about and he is a very good writer. He is obviously smart enough because he is a professor for the University of Chicago.

The book itself is written well. It is great for scholars or people who want to study this issue. Archer is very intelligent. Since he is a professor in the Department of The Geophysical Sciences at the U of C. He has written many books and does do more on other issues. His research focus is on the global carbon cycle, climate change, and aqueous chemistry. He has been doing it since 1993.

This is a great book for someone who wants to learn more about global warming, but can't do the math very well. Archer uses graphs and real facts about this subject. Of course he studies this topic a lot, but he tries to use other people's knowledge about it. That helps with his understanding about it and he can build his knowledge and help other people build their knowledge about it to. He is very passionate about this subject to. I like just the way he explains himself in the book and how he words what he says. Even though this is a college textbook, it can be understood.

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