



## U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations

*By Richard L. Miller*

Download now

Read Online ➔

**U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations** By Richard L. Miller

The U.S. Atlas of Nuclear Fallout 1951-1970 (Volume 5 of the series) details the math behind the values found in volumes 1-4. Broadly, the total fallout values and radioisotope values were calculated from ratios associated with a set of documents known as the Hicks Tables. These tables, compiled by Dr. Harry Hicks and published by the Lawrence Livermore National Laboratory, discuss radioisotope values for each of the major aboveground nuclear tests. In 1997 the National Cancer Institute published the results of a 15-year study titled, "Estimated Exposures and Thyroid Doses Received by the American People from Iodine-131 in Fallout Following Nevada Atmospheric Nuclear Bomb Tests." While the data was limited only to a single radioisotope, iodine-131, the Hicks Tables allowed estimates to be calculated for both total fallout and over 60 radioisotopes. The mathematical procedures associated with these estimates are found in this volume. The volume also includes an error propagation analysis by Dr. Stelu Deaconu of the University of Alabama's Propulsion Laboratory.

↓ [Download U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: ...pdf](#)

📄 [Read Online U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5 ...pdf](#)

# U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations

*By Richard L. Miller*

## U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations By Richard L. Miller

The U.S. Atlas of Nuclear Fallout 1951-1970 (Volume 5 of the series) details the math behind the values found in volumes 1-4. Broadly, the total fallout values and radioisotope values were calculated from ratios associated with a set of documents known as the Hicks Tables. These tables, compiled by Dr. Harry Hicks and published by the Lawrence Livermore National Laboratory, discuss radioisotope values for each of the major aboveground nuclear tests. In 1997 the National Cancer Institute published the results of a 15-year study titled, "Estimated Exposures and Thyroid Doses Received by the American People from Iodine-131 in Fallout Following Nevada Atmospheric Nuclear Bomb Tests." While the data was limited only to a single radioisotope, iodine-131, the Hicks Tables allowed estimates to be calculated for both total fallout and over 60 radioisotopes. The mathematical procedures associated with these estimates are found in this volume. The volume also includes an error propagation analysis by Dr. Stelu Deaconu of the University of Alabama's Propulsion Laboratory.

## U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations By Richard L. Miller Bibliography

- Rank: #7930226 in Books
- Published on: 2006-03-21
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x 1.42" w x 6.14" l, 2.15 pounds
- Binding: Paperback
- 708 pages

 [Download U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: ...pdf](#)

 [Read Online U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5 ...pdf](#)

## **Download and Read Free Online U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations By Richard L. Miller**

---

### **Editorial Review**

From the Publisher

This book is the fifth volume of a five-volume series: Volume 1: GENERAL READER EDITION ISBN 978-1-881043-13-3; Volume 2: COUNTY COMPARISONS ISBN 978-1-881043-29-4; Volume 3: EASTERN U.S. ISBN 978-1-881043-28-7; Volume 4: WESTERN U.S. ISBN 978-1-881043-27-0; and, Volume 5: CALCULATIONS ISBN 978-1-881043-31-7

From the Author

The U.S. ATLAS OF NUCLEAR FALLOUT 1951-1970 volumes are based upon U.S. Atomic Energy Commission data and maps from 1951-1962, data from the National Cancer Institute's 1997 publication, "Estimated Exposures and Thyroid Doses Received by the American People from Iodine-131 in Fallout Following Nevada Atmospheric Nuclear Bomb Tests, and "Results of Calculations of External Gamma-Radiation Exposure Rates from Fallout and the Related Radionuclide Compositions, Parts 1-8" by Harry G. Hicks, Lawrence Livermore Laboratories 1981.

About the Author

The author is an environmental researcher, industrial hygienist and safety professional who has studied nuclear fallout since 1982. Formerly an investigator with the U.S. Labor Department, he is coauthor of a 1980 epidemiological study of cancer in petrochemical workers that appeared in the American Journal of Industrial Medicine. The author served as an expert witness in a 2007 federal case involving the detonation of the 700-ton ammonium-nitrate and fuel oil device, Divine Strake. Many of the maps in Volume I of U.S. Atlas of Nuclear Fallout: 1951-1970 were introduced into evidence during the hearing on June 27, 2007.

### **Users Review**

**From reader reviews:**

**Ross Jackson:**

U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations can be one of your nice books that are good idea. All of us recommend that straight away because this reserve has good vocabulary which could increase your knowledge in words, easy to understand, bit entertaining but delivering the information. The article writer giving his/her effort to get every word into delight arrangement in writing U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations although doesn't forget the main stage, giving the reader the hottest as well as based confirm resource info that maybe you can be one among it. This great information may drawn you into new stage of crucial imagining.

**Alyssa Lewis:**

Does one one of the book lovers? If yes, do you ever feeling doubt if you are in the book store? Attempt to pick one book that you find out the inside because don't determine book by its deal with may doesn't work the following is difficult job because you are frightened that the inside maybe not since fantastic as in the outside appear likes. Maybe you answer could be U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations why because the wonderful cover that make you consider with regards to the content will not

disappoint an individual. The inside or content is definitely fantastic as the outside or perhaps cover. Your reading sixth sense will directly make suggestions to pick up this book.

**Rhonda Rudder:**

You can spend your free time to learn this book this e-book. This U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations is simple to bring you can read it in the recreation area, in the beach, train in addition to soon. If you did not possess much space to bring the printed book, you can buy typically the e-book. It is make you much easier to read it. You can save typically the book in your smart phone. Consequently there are a lot of benefits that you will get when one buys this book.

**Debbie Gray:**

As a university student exactly feel bored for you to reading. If their teacher expected them to go to the library in order to make summary for some publication, they are complained. Just very little students that has reading's internal or real their interest. They just do what the instructor want, like asked to the library. They go to at this time there but nothing reading really. Any students feel that studying is not important, boring as well as can't see colorful pictures on there. Yeah, it is for being complicated. Book is very important for you personally. As we know that on this period, many ways to get whatever we would like. Likewise word says, many ways to reach Chinese's country. Therefore this U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations can make you sense more interested to read.

**Download and Read Online U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations By Richard L. Miller #RUTI7XJWVH9**

## **Read U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations By Richard L. Miller for online ebook**

U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations By Richard L. Miller Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations By Richard L. Miller books to read online.

### **Online U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations By Richard L. Miller ebook PDF download**

**U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations By Richard L. Miller Doc**

**U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations By Richard L. Miller Mobipocket**

**U.S. Atlas of Nuclear Fallout, 1951-1970, Vol. 5: Calculations By Richard L. Miller EPub**