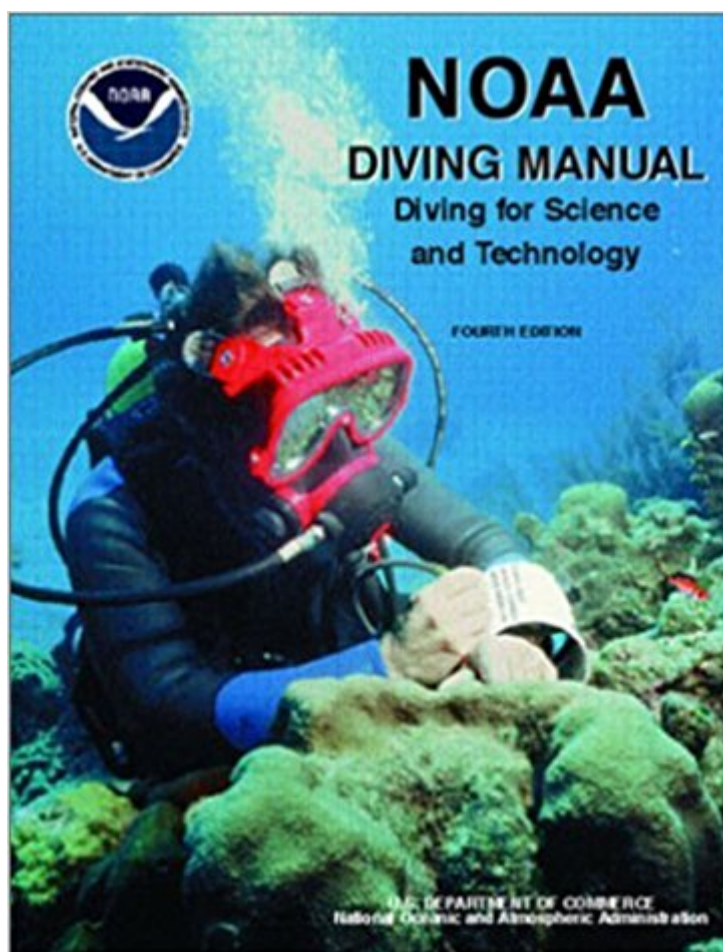


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# NOAA Diving Manual: Diving For Science And Technology, Fourth Edition Revised



## Synopsis

The Revised Fourth Edition of the NOAA Diving Manual, Diving for Science and Technology, is one of the most detailed diving reference books available and is a valuable resource for all who are interested in a complete encyclopedia of diving technology, equipment, techniques, and procedures. More than 100 authors and reviewers, selected from a diverse spectrum of experts in recreational scuba diving, commercial, military, scientific and research diving, combined their expertise to address the complex issues involved in today's diving. This new edition contains twenty-one chapters on all aspects of diving: techniques to improve the methodology of underwater scientific research, new gear, operational techniques and details to assist the diver in diving safely. In addition, there are ten appendices, including a glossary, references, and a detailed index. The technologies of rebreathers and mixed gas diving, including nitrox and oxygen are included; diving physics, physiology, decompression and diving medicine have been updated to reflect the recent development in the diving industry. The never-before-published NOAA Nitrox Tables and Nitrox Diving Procedures allow deeper and/or longer bottom times to increase diver efficiency when using nitrox, without affecting safety or increasing decompression time. The most current and up-to-date U.S. Navy Dive Tables are also included. The NOAA Diving Manual is a valuable resource all serious divers must have!

## Book Information

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## Customer Reviews

Has to be one of the best quality and value books available. Content is excellent, it has really

impressed me. --Harry Thompson, Safety & Training Mgr, Diving Diseases Research Centre

The National Oceanic and Atmospheric Administration (NOAA) Diving Program, which is recognized as one of the leading authorities on scientific diving and undersea technology has released the Fourth Edition of the NOAA Diving Manual. The newly revised manual is published in full color, with 688 coated pages and is available now. It contains basic through advanced applied diving technologies and is written in a non-technical style so it will be informative to all who are interested in safe diving procedures and techniques.

product was as described, arrived on time. Would buy again and from same vendor.

If you are looking for a complete reference book, this 600 page monster of detail book is for you. It has everything the other dive books leave out, due to cost constraints, page limitations, or just plain lack of time. Oh my, does this book cover it all. The reader must know that the book may NOT be suitable as a training guide for diving, since it covers all layers at the same time. Learning to SCUBA DIVE should be through a course instructor and narrative study, such as NAUI. The various layers of scuba diving are covered in easy to digest bits and pieces. Here, it's like getting the entire "data" all under one roof. So, the reader should have other books and use this more like a reference book. Maybe the title serves the purpose "MANUAL," rather perfectly. For me, it answered some advanced questions, which I could not get elsewhere: what is the configuration of a double tank system, and how does a manifold work, and how do I tether onto rocks, so as to survey the ocean floor without getting tired. These are advanced questions, and this book "rings the bell" nicely. Book published in 2010, that means the contents are from 2009 or so. I would like to see an updated version, which talks more about the new gear of 2014, the new techniques of 2014, etc.

I purchased this book to give me more information on the science of scuba diving for my Dive Con and Dive Instructor courses. The book gives detailed information on the gas laws, decompression theory as well as information on various forms of diving from contaminated water, tri mix, nitrox etc. The book is very well written and very clear. If you are interested in get truly advanced knowledge of the effects of scuba diving on the body, I would highly recommend this book even though it is a little on the expensive side.

Best SCUBA book I've read, and I have a library of about 50 books. Goes from basics to very in

depth. It's written around physiology and physics for serious divers. You can tell it's not a certification company book - they don't tell you that you need special classes with patches and cool looking certificates.

This book is exceptional and thus far has blown my mind away with the scientific data, history, and technology that is included in the text. This book has something for every level of SCUBA Diver. From Basic Concepts to the extreme technical science explaining Gas Blending and Multi-Gas Mixes. Some of the information is well beyond my scope of Diving to understand at this point but my plan has been to become a Technical Diver and I am excited about the knowledge this book offers to help with understanding the science and pathophysiology that the human body goes through at deep depths and how different breathing gases affect that.

If you are a serious diver the NOAA Diving Manual: Diving for Science and Technology, Fourth Edition Revised is the best book you can find on the market. It has all the info that you need in one place, excellent work. One detail with is that they send me a broken book, all the pages were loose. I returned it but they resend me another broken book. For the second book, I decided to keep it because the book content is incomparable and I decided to fix it in a local printing shop near my house.

Excellent quality to pass down when you are finished with it. The cover and binding are solid . Pages are well written and easy to read.

This book not only outlines diving processes and procedures, but also the scientific principles behind them. It is by no means light reading, but if you are looking to enhance your knowledge about diving, this is an excellent reference point. While doing my altitude diving certification, I used material in this book that was not part of the normal curriculum in the class, excellent overall

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