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Modern Marine Weather: From Time Honored Maritime Traditions To The Latest Technology, 2nd Edition



Synopsis

A comprehensive text on how to take weather into account for the planning and navigation of voyages, local or global, using the latest technologies as well as the time-honored skills of maritime tradition, so that your time on the water remains as safe and efficient as possible. Covers practical applications of GRIB files, ASCAT wind measurements, and other modern resources.

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Customer Reviews

A thoughtfully and masterfully crafted work. It will be my prime recommendation of a book focusing specifically on the application of weather information and knowledge for maritime interests, whatever the size and purpose of the vessel. David thoroughly explores the essentials of meteorology, and does so in a fascinating manner. What makes Modern Marine Weather particularly valuable is the inclusion of countless applications of weather to actual situations faced by sailors or skippers on the water. Reading and absorbing these principles and applications will lead to safer, faster and more efficient passages. -- Jeff Renner, Meteorologist, King 5 TV, Seattle, WA. I have chosen this book as the definitive text for the wardroom of my U.S. Navy Destroyer. Superior explanations that are as useful for the professional naval officer as they are for the coastal pleasure cruiser or blue water sailor. Consistent with all of David Burch's texts: Easy to read, fascinating, and the absolute best resource. -- CDR Tate Westbrook, CO USS Spruance (DDG111). No subject is more important to every sailor than the wind and its direction. Modern Marine Weather is first class reference book on the subject of marine weather and the information it contains will help every sailor, every day!-- Peter Isler, two-time America's Cup winning

navigator. The 21st Century is bringing us a rapid evolution in weather information available to the common sailor. Modern Marine Weather points out where to find the best stuff quickly. The book also gives a thorough review of how to read weather maps and digest storms warnings, as well as tips on how to read clouds and use the wind to win coastal yacht races, or how to interpret GRIB data and Scatterometer pilot charts on Google Earth to sail comfortably across an ocean.--Bob McDavitt, MetService (NZ) Weather Ambassador and forecaster for EarthRace."Modern Marine Weather is an instant classic. If you own one book about weather this is it. If you are navigating across the Pacific, the Atlantic or the Equator you'll make better decisions and truly understand the machinery behind the wind, waves, and currents after studying this book. If you are preparing for an Olympic regatta in Melbourne, Weymouth or San Francisco and want to make your own intelligent forecast and pick-up local knowledge like a local, you will find all the information in this most excellent book. Serious about weather and navigation: Get Modern Marine Weather by David Burch."--Philippe Kahn, technology innovator, CEO of FullPower Technologies, and champion racing sailor."David Burch's Modern Marine Weather is a fresh and practical guide to understanding the complexities of marine weather and modern forecasting. The book fills a serious void in the literature. Voyagers will profit from a serious study of the material discussed in this book."--Ocean Navigator Magazine, March-April, 2009"Modern Marine Weather is an essential reference for the coastal and offshore sailor. It goes far beyond the traditional "marine weather" books. There may be new tools available for weather forecasting, but weather itself has been around a very long time and David does an excellent job of laying proper foundations for understanding marine weather, and bringing clarity to a complex topic."--Jim Corenman, racing and cruising sailor, and developer of the SailDocs and Sailmail programs.

The current "Bible" of marine weather. A perfect blend of just enough technical stuff to allow the reader to understand, without coming across as a college textbook. Both very readable and thorough. Thank you David Burch!

For a book like this, I believe that the paper copy and not the kindle edition would be best. It's very hard on the kindle to see the figures and be able to reference them along with the text. The book itself and the content is very good.

The first weather book I really love. I bought a bunch of them to find one that is readable and makes sense for me. It's written clear and you can just look up topics you always wanted to understand, but

other authors never get it across. For any sailor a great book to get and really read. I might need to get a few more as hand me downs....

A fabulously written manual that any novice sailor can use to become fairly adept at understanding the numerous weather variables presented in a marine environment. Easy to use as a quick reference or a complete text on marine weather and atmospheric conditions. I highly recommend every sailor keep a copy in his or her vessel.

Until I became a farmer, I never paid much attention to the weather. Now that we are preparing to move aboard a boat for at least half the year, I know I need to know more about wind and waves than just about rain. Everyone I have asked points to this as THE definitive book on Marine Weather. Thankfully it is readable! Not just full of dry information and charts and diagrams that I might go glazey-eyed over.

Excellent resource on all aspects of marine weather updated with new information. While more focused on offshore weather requirements it is a resource that should be on every boat.

Great book, but this is a real study, not a novel - you have to dedicate real time and attention to it.

This is a very comprehensive book giving a good understanding of all aspects of weather. Highly recommended for anybody who spend significant time on the ocean.

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