

Atlas of the Ocean
WIND AND WAVE CLIMATE



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 PERGAMON



Atlas Of The Oceans Wind And Wave Climate Version 10

Yi-Tong Ma



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Atlas of the Oceans Ian R. Young, Greg J. Holland, 1996 **Atlas of the Oceans** I. R. Young, Greg Holland, 1996 The Atlas of the Oceans Wind and Wave Climate is the first CD ROM in this field to offer integrated dynamic access to spatially consistent data abstracts video graphics and full electronic text in a cross platform multimedia environment The CD ROM provides a complete information resource for all those interested in global wind and wave regimes No need for complicated user manuals just install and go The user friendly interface provides intuitive access to a ready to use interactive database on global wind and wave parameters data for every month of the year searchable electronic reference source video clips of Beaufort Sea States Exclusively for this product the raw GEOSAT data has been processed to eliminate errors and to calibrate measurements with in situ readings The data is further manipulated to provide a unique dataset of monthly mean values for wind and wave parameters wind speed wind speed exceedance wind direction wave height wave height exceedance The parameters are displayed as colour contour Charts or as Graphs along any user selected route Charts Interactive global ocean coverage Zoom function for regional studies Ability to overlay with wind direction and or grids of latitude and longitude Smoothing facility to show clearly defined contours User can select colour scheme Graphs Plot wind and wave parameters along any chosen route Great circle or user defined path Wave height or wind speed can be plotted with wind direction Ideal for ship route planning Searchable Illustrated Text Includes an introduction to global meteorology and ocean wind waves information on preparation of GEOSAT data a bibliography of over 600 abstracts hyperlinks to related charts graphs and abstracts This unique combination of text calibrated data and video makes the Atlas of the Oceans Wind and Wave Climate an essential tool for shipping operators coastal offshore and ocean engineers researchers tour operators educators The atlas is the first CD ROM title in the Ocean Science Interactive Series It is also available packaged with an illustrated hardbound book of the same title *Atlas of the Ocean* I. R. Young, Greg J. Holland, 1996

Exchanges, 2003 *The New Walford Guide to Reference Resources* Ray Lester, 2005 The New Walford highlights the best resources to use when undertaking a search for accurate and relevant information saving you precious time and effort For those looking for a selective and evaluative reference resource that really delivers on its promise look no further In addition to print sources The New Walford naturally covers an extensive range of e reference sources such as digital databanks digital reference services electronic journal collections meta search engines networked information services open archives resource discovery services and websites of premier organizations in both the public and private sectors But rather than supplying a list of all available known resources as a web search engine might The New Walford subject specialists have carefully selected and evaluated available resources to provide a definitive list of the most appropriate and useful With an emphasis on quality and sustainability the subject specialists have been careful to assess the differing ways that information

is framed and communicated in different subject areas As a result the resource evaluations in each subject area are prefaced by an introductory overview of the structure of the relevant literature This ensures that The New Walford is clear easy to use and intuitive Publisher Atlas of Commercial Geography Illustrating the General Facts of Physical, Political, Economic, and Statistical Geography, on which International Commerce Depends John George Bartholomew,1889 **Marine Engineers Review** ,1996 **Oceanographic Atlases of Canadian Waters** L. SansCartier,J. R. Keeley,1981 *Government Reports Annual Index* ,1993 Atlas of the Oceans I. R. Young,Greg Holland,1996 This volume provides global estimates of wind and wave conditions and is based on data from the GEOSAT satellite Parameters such as monthly values of wind speed and wave heights are presented as contour fields in global and regional charts Variations in wind and wave parameters are also shown along common shipping routes and lines of latitude and longitude The Atlas includes a useful reference text providing an introduction to global meteorology and the processes responsible for the generation of ocean waves In addition information relating to the GEOSAT mission data preparation and validation and wind wave statistics provide a full summary of the background to this major new publication Global estimates of wind and wave conditions are required for activities such as engineering design oceanographic and meteorological studies ship routing and recreational activities This publication will appeal to a wide range of readers from scientists and engineers educators and students to readers in shipping companies and navies A CD ROM based on this material providing searchable text is also available This CD ROM is based on material presented in the book version of Atlas of the Oceans Wind and Wave Climate The CD ROM provides searchable text based information on global wind and wave regimes including an introduction to global meteorology and ocean wind waves and preparation of data gathered from the GEOSAT satellite An extensive bibliography of over 500 abstracts from the scientific literature is included The database of wind and wave parameters can be interactively accessed to produce contour charts with global and regional coverage Of considerable importance to anyone interested in wind and waves statistics is the underlying GEOSAT data The raw GEOSAT data has been processed to eliminate errors and to calibrate measurements with in situ readings The Atlas of the Oceans Wind and Wave Climate therefore provides a ready to use database on wind and wave parameters Additional features included on the CD ROM are Text and illustrations Hyperlinking allows quick and easy access to related information such as abstracts or illustrations Full text and index searching Additional bibliography of over 500 abstracts related to wind and waves Animation of selected line drawings Additional images Videos of Beaufort Scale Contour charts User can select region month and parameter for display of charts Charts can be overlaid with wind direction and or grids of latitude and longitude Options to set chart colours and degree of data smoothing Database Underlying data can be selected and accessed Conversion between units of measurement available Path function Enables user to input and label path of interest eg ship route Provides plotting facilities Calculates distance using Great Circle Path Bookmark function Allows selection and export of user defined text illustrations charts and data to assist with report writing or in lecture

preparation About the Atlas Global and regional estimates of wind and wave conditions are required for a large range of activities such as engineering design oceanographic and meteorological studies for ship routing and for recreational purposes The Atlas of the Oceans Wind and Wave Climate is based on data from the GEOSAT satellite mission The approach of using remotely sensed data has many advantages the data is of high spatial density and accuracy and has a full global coverage unlike measurements collected from ships and buoys used previously Includes a useful reference text providing an introduction to global meteorology and the processes responsible for the generation of ocean wa Ocean Wave Measurement and Analysis Billy L. Edge,James Michael Hemsley,1998 *The Wave Climate of the Southwest Pacific* Stephen F. Barstow,1994 **The Software Encyclopedia** ,1986 **Oceanology** ,2003 **South African Journal of Marine Science** ,1993 *Satellite Oceanography* I. S. Robinson,1995-11-09 A broad general introduction to remote sensing and its applications in oceanography Designed to provide specialists with a sufficient depth of information necessary to understand oceanographic remote sensing processes and applications and non specialists with the breadth of information necessary to understand how remote sensing makes a contribution to marine science Provides an overview of all types of satellite remote sensing in ocean study visible infrared and microwave frequencies and both active and passive sensors Also offers remote sensing specialists the information required to assess the needs and perspectives of oceanographers **Shore and Beach** ,1998 Floating Structures Centre for Marine and Petroleum Technology,1998 *Shore & Beach* ,1999 Oceans '94 ,1994

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web for r12 saturation pressure at 120 f is 172 35 psia for r134a saturation pressure at 120 f is 186 023 psia if a lower operating pressure is the only desired criterion for the design clearly r12 is a better choice c arizona s summer the design specification given thus far is the temperature of the condenser see diagram which is 120 f

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is formed it is used for packaging and for heat insulation

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web eps produkte eps steht für expandierbares polystyrol und ist besser bekannt unter dem markennamen porozell unterstützen u a energieeinsparungsmaßnahmen und ermöglichen nachhaltiges und ökologiegerechtes wachstum

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web expanded polystyrene or eps is widely used commodity polymer it has been a material of choice for more than 50 years because of its versatility performance and cost effectiveness it is widely used in many everyday applications such as fish boxes bicycle helmets and insulation material

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web marktforschung zu expandierbarem polystyrol eps eps wird überwiegend von der bauindustrie zur isolation von wärme kälte oder auch schall eingesetzt ceresana hat erneut den weltmarkt für diesen leichten festen