



C. G. KOREVAAR

# North Sea Climate

based on observations  
from ships and lightvessels



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# North Sea Climate Based On Observations From Ships And Lightvessels

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## **North Sea Climate Based On Observations From Ships And Lightvessels:**

**North Sea Climate** C.G. Korevaar,2012-12-06 The need for climatological data of the North Sea has increased during the past years The increase in offshore and recreational activities can benefit greatly from such data In order to meet this need weather observations made by ships and lightvessels in the North Sea have been processed extensively which has resulted in a large number of tables charts etc with climatological data This publication gives a selection of these data in which the emphasis lies on wind and wave data In addition some characteristic data on air and sea temperature cloud cover precipitation visibility and sea level pressure are given With regard to the observations of the lightvessels the publication can be considered as a continuation of earlier work It also concludes the era of observations made by crew on board lightvessels which gradually ended in the 1970 s The observations on fixed platforms which are now replacing the observations of the lightvessels are of a quite different character The data are based on observations made on board lightvessels during the period 0 1949 1980 and voluntary observing ships in the area between 51 ON and 60 N during the period 1961 1980 The observations of the lightvessels have been compared with those published for earlier periods 1859 1883 1884 1909 and 1910 1940 The manuscript or part of it has been critically examined by Prof Dr Ir J A Battjes E Bouws Dr Ir J A Buishand H A M Geurts Dr GJ Komen Dr G P

**North Sea Region Climate Change Assessment** Markus Quante,Franciscus

Colijn,2016-08-31 This book offers an up to date review of our current understanding of climate change in the North Sea and adjacent areas as well as its impact on ecosystems and socio economic sectors It provides a detailed assessment of climate change based on published scientific work compiled by independent international experts from climate related disciplines such as oceanography atmospheric sciences marine and terrestrial ecology using a regional evaluation and review process similar to that of the Intergovernmental Panel on Climate Change IPCC It provides a comprehensive overview of all aspects of our changing climate discussing a wide range of topics including past current and future climate change and climate related changes in marine terrestrial and freshwater ecosystems It also explores the impact of climate change on socio economic sectors such as fisheries agriculture coastal zone management coastal protection urban climate recreation tourism offshore activities energy and air pollution

**Circulation and Contaminant Fluxes in the North Sea** Jürgen

Sündermann,2012-12-06 In this publication you will find a comprehensive data set of the North Sea ecosystem including the distribution and the fate of contaminants their transport paths and their analysis by means of numerical models This book presents the results of the interdisciplinary German research project ZISCH Zirkulation und Schadstoffumsatz in der Nordsee encompassing oceanographers meteorologists marine biologists and chemists

**The Baltic Sea Region in**

**Transition** Marcus Reckermann,Markus Meier,Martin Stendel,2021-06-23

*Statistical Analysis in Climate Research* Hans von Storch,Francis W. Zwiers,2002-02-21 Climatology is to a large degree the study of the statistics of our climate The powerful tools of mathematical statistics therefore find wide application in climatological research The purpose of this book

is to help the climatologist understand the basic precepts of the statistician's art and to provide some of the background needed to apply statistical methodology correctly and usefully. The book is self-contained introductory material, standard advanced techniques and the specialised techniques used specifically by climatologists are all contained within this one source. There are a wealth of real world examples drawn from the climate literature to demonstrate the need, power and pitfalls of statistical analysis in climate research. Suitable for graduate courses on statistics for climatic, atmospheric and oceanic science, this book will also be valuable as a reference source for researchers in climatology, meteorology, atmospheric science and oceanography.

**Petroleum and Marine Technology Information Guide** J. Hutcheon, A. Myers, S. Oue, B. Rodden, J. Whittick, 2003-09-02. First published in 1981 as the Offshore Information Guide, this guide to information sources has been hailed internationally as an indispensable handbook for the oil and gas and marine industries.

**Proceedings of the ... International Symposium on Technology and the Mine Problem**, 1998

**Understanding the North Sea System** H. Charnock, K.R. Dyer, J.M. Huthnance, Peter Liss, B.H. Simpson, 2012-12-06. The continental shelf seas have an importance which is out of proportion to the relatively small fraction of the area of the global ocean which they occupy. These shallow seas play an important role as the high energy boundary zones of the deep ocean where much of the ocean's tidal and wave energies are dissipated. They are highly productive biologically and are responsible for most of the world's fishery production. In many cases they are also sources of economically important resources, notably hydrocarbons, and they are frequently important as thoroughfares for merchant shipping. Because they are the regions of the ocean closest to our centres of population and industrial activity, they have been the first to feel the impact of the increasing pressures imposed by large scale waste disposal into the ocean. The North Sea is an archetypal representative of such seas; we need to be able to understand its processes and predict them if we are to achieve a degree of rational management in the future as the environmental threats increase. The understanding required extends through a wide range of processes that operate in the shelf seas from the fundamental physics to the chemistry and biology of the water column and the seabed sediments. These processes and the interactions between them cut across the traditional discipline boundaries within marine science and require a substantial interdisciplinary effort for their effective study.

**North Sea Atlas for Netherlands Policy and Management**, 1992

**The Frigid Golden Age** Dagomar Degroot, 2018-02-08. Explores the resilience of the Dutch Republic in the face of preindustrial climate change during the Little Ice Age.

**Meteorological and Geostrophysical Abstracts**, 1992

**Philosophical Transactions of the Royal Society of London**, 1993

**Nearshore and Coastal Oceanography**, 1996

Propagation Assessment in Coastal Environments North Atlantic Treaty Organization. Advisory Group for Aerospace Research and Development. Sensor and Propagation Panel. Symposium, 1995

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Current Geographical Publications

University of Wisconsin--Milwaukee. Library,1991 Current Geographical Publications CGP is a non profit service to the scholarly community initiated in 1938 by the American Geographical Society of New York Beginning in 2006 the format changed to include the tables of contents of current geographical journals The journal titles listed link to web pages or PDF scans of the current issue s contents

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