



SCIENTIFIC COUNCIL MEETING – JUNE 2009

Temperature Indices for Statistical Areas off East and West Greenland.

by

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Introduction

The ICES Working Group on Operational oceanographic products for fisheries and environment [WGOOFE] (Co-Chairs: Morten Skogen, Norway, Mark Dickey-Collas, the Netherlands), met at the Bundesamt für Seeschifffahrt und Hydrographie (Federal Maritime and Hydrographic Agency) in Hamburg, Germany, 24-26 November 2008 to:

- Refine and evaluate a list of products to the needs of the users, including format and timing, and identify gaps in the products available,
- Initiate the process on identifying who is to regularly produce and disseminate what products and when.
- Promote and ensure exchange with operational organizations and services to stimulate development of products appropriate for the ICES user base.

Within the framework of WGOOFE, the Institute of Sea Fisheries provides temperature indices for statistical rectangles (Strata 1 - 7) off East and West Greenland through the internet. The data are based upon the German Demersal Trawl Survey in Greenland waters, performed during autumn, since 1982. For the individual Strata (Rätz, 1996), temperature indices are given (XLS-files) for the **Sea Surface** and the **Bottom Water** layer. In addition, standard deviation, number of observations, minimum and maximum observed temperatures is given. The graphs give the data, trendline (polynomial, 2nd degree) and r^2 .

Since this product might also be of interest to NAFO scientists, the access to the data sets is given here:

http://www.klima-bml.de/wgoofe/greenland_temperature_index.html

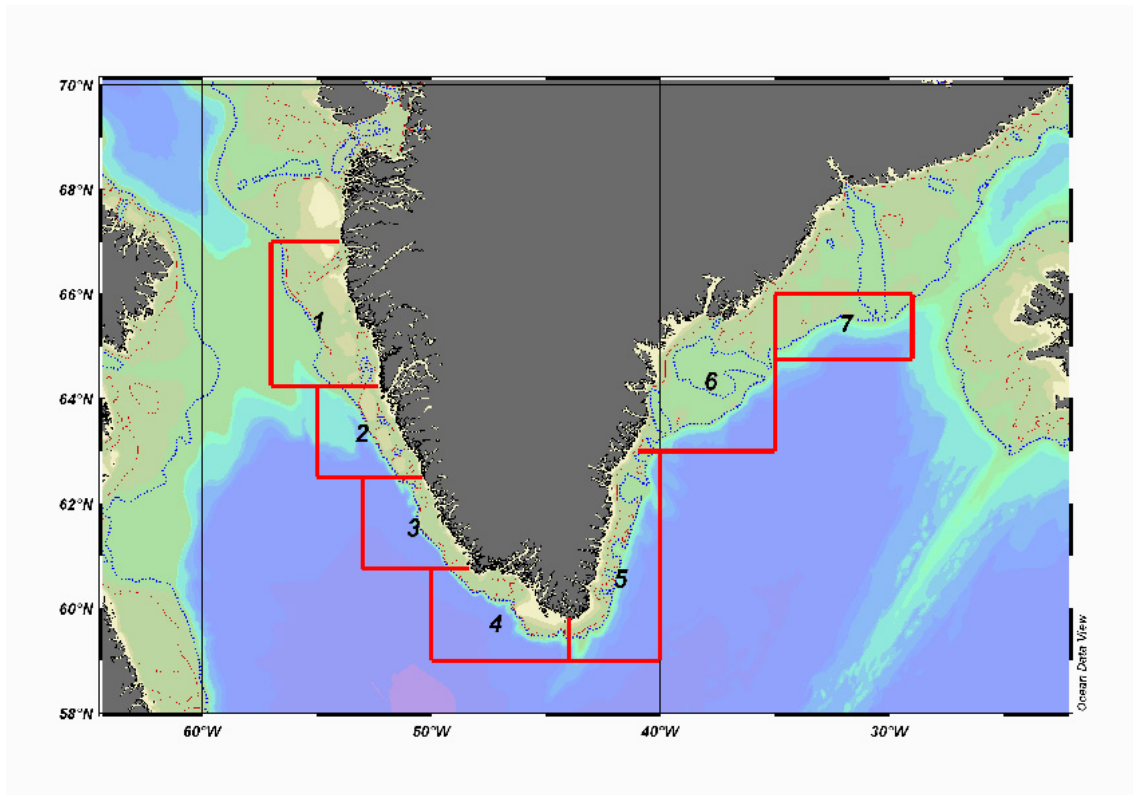


Fig. 1 Front page of Greenland_Temperature_Index Website

References

RÄTZ, H.J., 1996. Efficiency of Geographical and Depth Stratification in Error Reduction of Groundfish Survey Results: Case Study Atlantic Cod off Greenland. NAFO Sci. Coun. Studies, 28: 65-71.