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NOWESP Data Sets

Technical Report

by

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(Editors)

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Contents

1. Introduction 5

Acknowledgements 7

Part 1: 9

2. The NOWESP Research Data Base and the NOWESP data products 9
2.1 Practical aspects of the NOWESP Research Data Base 9
2.1.1 The NOWESP Research Data Base 9
2.1.2 NOWESP Research Data Base Format 11
2.1.3 Practical aspects of data delivery, exchange and use 11
2.2 Data sources 13
2.2.1 List of originators 13
2.2.2 Contents of data files and the corresponding formats 18
2.2.3 Rules for quality control 19

3. Data products and their presentation 20

3.1 Data Reports 20
3.2 Merged data sets 21
3.3 Gridded data sets 21
3.4 Time series 22

4. References 26

Part 2:

5. Data Reports for merged data sets of the NOWESP Standard Parameters 27

Temperature 28
Salinity 30
Phosphate 32
Nitrate 34
Nitrite 36
Ammonium 38
Silicate 40
Chlorophyll 42
Suspended particulate matter 44

6.	**Data Reports for the single data sets of the NOWESP Standard Parameters**	46
6.1	**Temperature**	46
6.2	**Salinity**	138
6.3	**Phosphate**	234
6.4	**Nitrate**	327
6.5	**Nitrite**	373
6.6	**Ammonium**	419
6.7	**Silicate**	475
6.8	**Chlorophyll**	527
6.9	**Suspended particulate matter**	589

Part 3:

7.	**Time series at the NOWESP Sites**	637
7.1	**Site 1: Port Erin, Isle of Man**	638
7.2	**Site 2: Station E1, Plymouth**	640
7.3	**Site 3: North-western North Sea near Aberdeen**	642
7.4	**Site 4: Belgian Coast**	644
7.5	**Site 5: Dutch Coast**	650
7.6	**Site 6: German Bight**	656
7.7	**Site 7: Skagerrak**	658
7.8	**Site 8: Norwegian Coastal Waters off Bergen**	662

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1. Introduction

This Technical Report provides working material for the NOWESP partners. The report contains graphical presentations of the data sets for nine selected state variables (parameters). NOWESP restricted itself to the nine state variables, for which sufficiently abundant data were available that an evaluation promised new findings. These variables were the following:

temperature
salinity
phosphate
nitrate
nitrite
ammonium
silicate
chlorophyll
particulate suspended matter

For these state variables the bulk of the analysis has been done, using the merged data sets (see **Sections 3.2** and **5.**). Also zooplankton data from the Continuous Plankton Recorder Surveys (CPRS) were analysed; these data were not included in the NOWESP Research Data Base, but were kept and evaluated at SAHFOS in Plymouth.

The rationale for this choice results from the aims of NOWESP (Van Leussen et al., 1996, 1997). These aims were

(1) to quantify the biogeochemical fluxes, such as the fluxes of nutrients, plankton, carbon, and the transport of organic and inorganic particulate matter, including their biological and chemical modifications,
(2) to estimate their variabilities and trends,
(3) to understand the nature of shelves as a link between land and ocean.

To reach the aims of NOWESP the philosophy and procedure can be briefly described by the following subtasks:

- to use only historical data and make no new field measurements,
- to obtain as many data as possible for a selected set of parameters, to cover the spatial scale of the north-west European shelf as good as possible and to cover at a few sites the time scales up to decades by as densely measured time series as possible,
- to organize these data uniformly in the NOWESP Research Data Base (NRDB),
- to use a unifying coding system for the data of all different parameters,
- to use only one format for all data sets for data exchange,
- to represent the data in unified graphs,
- to merge the data sets from different origins according to the same agreed scientific rules,

Acknowledgements

This work was only posssible, because very many collegues (see List of Originators, Section 2.2.1) helped in acquiring data and many others contributed to the organisation of the data sets in the NOWESP Research Data Base.

The ECOMOD data base was firstly set up by Bernd Heinemann in 1981-1985 under IDMS on the main frame computer of the Regional Computing Center of the University of Hamburg. It had to be rebuilt on a SUN workstation after the main frame computer was no longer available. Then Klaus Herbig and Hermann Lenhart helped in defining the ECOMOD data base scheme, and Klaus Herbig set up the data base accordingly and started to load the data. This activity was continued in NOWESP, and very many newly acquired data sets found their way into the NOWESP Research Data Base within ECOMOD. Many students helped with programming, J. Bock, S. Gorr, M. Hinke, A. Hufschmidt, P. Johanssen, M. and T. Lagodka, B. Lewerenz, I. Mahnke, and A. Spangenberg.

We want to thank all who contributed to the Research Data Base, either by the delivery of data or by helping with the organization of the data.

Part 1

2. The NOWESP Research Data Base and the NOWESP data products

In this section an impression will be given of what the NOWESP Research Data Base is and which data products have been provided to the NOWESP partners and to the scientific community. The NOWESP Research Data Base is described in more detail by Radach et al. (1997). Experiences during the working with the NOWESP Research Data Base and conclusions based thereon were presented by Radach & Gekeler (1997). Here the focus will be put on a few practical issues before presenting the data sets graphically.

2.1 Practical aspects of the NOWESP Research Data Base

2.1.1 The NOWESP Research Data Base

The NOWESP Research Data Base is organized by means of the Relational Data Base Management System (RDBMS) ORACLE, which was installed on a SUN workstation in 1992 to host the Ecological Modelling Data Base (ECOMOD) of the department "Modelling and analysis of marine ecosystems" in the Institut für Meereskunde at Hamburg University. The NOWESP Research Data Base is part of the ECOMOD data base, and until the end of the project only NOWESP partners had access to these data holdings. The data sets will be made available on the server at the Institut für Meereskunde. Detailed information about „when and where ?“ can be asked from the contact person (for address see page after list of contents).

The ECOMOD has been described earlier (Heinemann, 1988, Radach & Herbig, 1995, Lenhart, Herbig and Hufnagel, 1994). A brief English description of the data base has been given recently by Radach et al. (1997). The organization is based on tables which are related to each other by means of the data base scheme which has been developed especially for storing marine data of any kind. For instance, there exist tables containing the observations, the positions, the dates and times, the parameter names, the originators, the cruises, and so on. The main advantage is that this tool provides the possibility to store data sets from different origins in a unified manner and to merge these data according to scientific needs whenever necessary. It is the power to group data of the same parameter for different spatial and temporal windows that made this tool attractive for the NOWESP work.

The parameter code developed allows already a characterization of the parameter. The parameter code consists itself of a number of codes (**Tab. 1**). The first digit gives the class to which the parameter belongs to (physical oceanography, meteorology, marine fauna, marine flora, nutrients, other chemicals, and geology). Then the code number for the parameter within the group follows, together with the code of the unit, the methods' code and the code for the substrate where the measurement took place (water, sediment, interstitial water, sea surface, air etc).

Digit of PCODE	1	2	3	4	5	6	7	8	9	10
Information	CLASS	PNAME character A80			UNIT character A20		METHOD character A20		SUBSTRATE	
Actual contents (example)	Physical oceanography	Temperature			Centigrade		CTD		water	

Tab. 1
Structure of the code for the state variables („parameters") PCODE. Abbreviations for classes: 1 = Physical oceanography, 2 = Meteorology, 3 = Marine fauna, 4 = Marine flora, 5 = Nutrients, 6 = Other chemicals, 7 = Geology.

Variable (parameter)	Name of code	Column	Type of variable	Format
First header				
Parameter code	PCODE	1:10	NUMBER	2I5
Parameter name	PNAME	11:90	CHARACTER	A80
Unit	UNIT	91:110	CHARACTER	A20
Second header				
Latitude	LAT	1:13	NUMBER	E13.6
Longitude	LNG	14:26	NUMBER	E13.6
Zero depth in map	KNDEPTH	27:39	NUMBER	E13.6
Year	YEAR	40:41	NUMBER	I2
Month	MONTH	42:43	NUMBER	I2
Day	DAY	44:45	NUMBER	I2
Hour	HOUR	46:47	NUMBER	I2
Minute	MIN	48:49	NUMBER	I2
Actual depth	ADEPTH	50:62	NUMBER	E13.6
Ship's name	SHIP	63:82	CHARACTER	A20
Cruise number	FNUM	83:90	NUMBER	I8
Originator	ECODE	91:95	NUMBER	I5
Number of observ.	NUMDATA	96:100	NUMBER	I5
Depth of measurement	MDEPTH	101:113	NUMBER	E13.6
Amplitude of data	MDATA	114:126	NUMBER	E13.6
Originator of data	ORIGINATOR	127:146	CHARACTER	A20
Method of observ.	METHOD	147:226	CHARACTER	A80
Data records				
Depth of observation	MDEPTH	1:13	NUMBER	E13.6
Observed value	MDATA	14:26	NUMBER	E13.6
.....				
Depth of observation	MDEPTH	1:13	NUMBER	E13.6
Observed value	MDATA	14:26	NUMBER	E13.6
.....				

Tab. 2
Entry table for data to be loaded into the ECOMOD data base for the project NOWESP and various other projects: variables and their formats for loading into the data base.

The lists of parameter codes given in section 6 can be read according to this coding. All data are stored in the data base in the same way. As we allowed the delivery of data in many different forms (see section 2.2.2), the incoming data had to be cast into a uniform format by a procedure called „conversion of the data sets into the NOWESP Format".

2.1.2 NOWESP Research Data Base Format

As mentioned above the data have to be accompagnied by many additional pieces of information. **Tab. 2** gives a summary of the necessary information and their specific formats in which the data sets had to be converted for being suitable for loading into the data base. For all data sets this work was done by the NOWESP Data Base Group.

The delivery of the data sets **from** the NOWESP Research Data Base **to** the NOWESP partners occurs also in this NOWESP Format.

2.1.3 Practical aspects of data delivery, exchange and use

Availability of data sets

For the delivery of the NOWESP data sets to the contactor European Union and to other persons or organizations certain rules had been established, which differ for the different kinds of data sets in the NOWESP Research Data Base.

The NOWESP Research Data Base contains data from many data originators.

- All data sets from NOWESP partners have to be (and were) delivered after the end of the project to the European Union.

The so-called „additional data sets", which were acquired from authorities other than NOWESP partners, are of different access.

- Amongst these are data sets, which can be considered to be public domain (e. g. data obtained from ICES which are older than 10 years; data from DOD). They will also be delivered to the European Union and they will be free for other organisations and persons.

- A certain (small) amount of data sets are given exclusively to NOWESP partners for evaluation without making them publicly available after NOWESP is terminated. They cannot be delivered to the European Union or other organisations and persons.

Access to data sets

The access to the data sets is regulated according to the following rules:

In principle each partner of NOWESP has access to the NOWESP data sets originating from partners of this project and to the public domain data sets.

The NOWESP Research Data Base delivered data sets together with the names of the originators of the data during the running time of the project on request to every NOWESP partner.

When a NOWESP partner wants to use a data set from an originator, irrespective of being a NOWESP partner or not, the use is allowed only, if the originator of the data gives his permission in written form. It is the person, who wants to use the data set, that has to obtain the permission.

Originator	State variables / Number of data								
	T	S	PO_4	NO_3	NO_2	NH_4	SiO_4	Chl	SPM
BAH, Hamburg	20579	19035	10606	1620	895	1898	0	580	0
BFA, Hamburg	23595	14722	431	0	0	0	0	0	0
BODC, Bidston	152328	151341	6268	0	5848	4968	6191	110286	99907
BSH, Hamburg	35354	25723	4018	0	0	0	0	279	5741
DOD, Hamburg	0	0	1496	1632	984	999	119	0	0
ESU, Dublin	290	291	295	0	0	228	0	0	150
GPI, Hamburg	430	450	977	308	697	337	971	0	409
HELCOM, Helsinki	15948	15861	14873	14540	14392	11719	9737	1389	0
IAB, Hamburg	0	0	477	0	0	0	513	4850	0
IBLC, Hamburg	0	0	288	0	0	0	0	0	0
ICES, Copenhagen	34334	30882	60113	40930	8037	20032	26531	8557	0
IFM, Kiel	6562	4496	2694	0	0	0	0	23	0
IMR, Bergen	58061	56322	67569	66114	54276	7535	60163	9533	0
IOCB, Hamburg	0	0	4983	1491	2462	2342	2487	0	0
IOW, Warnemünde	28812	22811	21347	19832	18837	15714	0	17398	0
LWK, Kiel	1182	691	1386	0	0	0	0	0	0
MBA, Plymouth	4697	4681	4079	1722	84	588	3871	573	0
MUMM, Brussels	44079	35496	270	91	91	261	303	0	2009
NIOZ, Texel	231	1088	0	0	0	0	0	176	1099
NLW, Hildesheim	342	167	401	0	0	0	0	146	0
PML, Plymouth	0	0	303	0	303	0	303	0	240
POL, Bidston	0	0	0	0	0	0	0	0	0
RWS, Den Haag	24135	20804	24640	4567	15403	21974	20279	19436	23851
RWTH, Aachen	0	0	0	0	0	0	0	496	0
Port Erin Mar. Lab.	6059	2359	5770	2613	2853	89	3104	810	0
Univ. Liege	0	0	0	0	0	0	0	1281	0
VUB, Brüssel	0	0	579	374	0	1406	381	328	0
other institutions	54343	53761	26	0	0	0	0	0	17677
Sum	511343	460981	233889	155834	125162	90090	134953	176141	151083

Tab. 3
List of main data originators and numbers of data in the NOWESP Research Data Base for the merged data sets. The abbreviations are explained in the list of originators (see 2.2.1).

After the termination of the project (30 June 1996) the data have been forwarded as a deliverable to the European Union. The data products reported in this technical report as well as in the report by Gekeler & Radach (1997) will be accessible on a server at the Institut für Meereskunde in Hamburg. Whoever uses these data sets is asked to make reference to this

report for the merged data sets and the time series and to the report by Gekeler & Radach (1997) for the gridded data sets.

2.2 Data sources

The acquisition and quality control of the data sets was the duty of the partners altogether. Each participating institute was responsible for the delivery and quality control of its data holdings which were to be sent to the NOWESP Research Data Base in Hamburg. The data sources were in the first place the participating institutes, but also data centres around the North Sea and other institutions and collegues in marine institutes. The many originators are listed in section 2.2.1.

The amount of data compiled so far is considerable. Altogether about three million data are stored now in the NOWESP Research Data Base, including about one million physical data and about 740,000 nutrient data. **Tab. 3** lists the main originators together with the amounts of data which they provided.

2.2.1 List of originators

The following list contains all originators who contributed data. The abbreviations of the institutions are given after the coding list for the origiators. As the loading procedure of different data sets occurred in parallel, a few of the originators have gotten two or several code numbers; this is no restriction for working with the data. Note that in the Data Reports in section 6 sometimes earlier abbreviations were used, which are similar to those in the following list.

Code number ECODE	Originator
100	BAH / Hagmeier, E. Treutner, K. Weigel, P.
101	BAH / Gillbricht, M. Treutner, K.
102	BAH / Gillbricht, M.
103	BAH / Hagmeier, E
104	BAH / Hagmeier, E. et al.
105	IAB / Krause, M.
106	IAB / Trahms, J.
107	BAH / Gunkel, W.
108	BAH / Treutner, K.
109	DOD
110	IAB / Weber, A.
111	BAH / Harms, E. Mangelsdorf, P.
112	BAH / Hickel, W.
113	BAH / Harms, E.
114	BAH
115	Dtsch. Gewässerkundliches Jahrbuch
116	IOCB / Eberlein, K.
117	IAB / Krause, M. Trahms, J.
118	IAB / Krause, M., IFM / Heinemann, B.

119	IFM / Heinemann, B., IAB / Krause, M.
120	IAB / Krause, M. Kopp, R.
121	ICES
122	IFM / Heinemann, B.
123	BSH / Schmidt, D.
124	IAB / Krause, M.
125	IAB / Stoob, K.
126	MA_WHV
127	IOCB / Hammer, K., Kattner, G., Eberlein, K.
128	IOCB / Hammer, K., Eberlein, K.
129	NOD
130	ICES / Scottish data
131	ICES / Dutch data
132	ICES / YFS data
133	ICES
134	ICES / SMHI data
135	MUMM / Adam, Y.
136	RWS / Laane, R.
137	IOCB / Hammer, K.
139	IOW
140	IBLC / Knickmeyer, R.
141	IOCB / Huehnerfuss, H.
142	AWI / Weber, K.
143	TUHH / Kersten, M.
144	IHF / Dembinski, M.
145	IAB / Krause, M., BAH / Martens, P.
146	IHF / Frauenheim, K.
147	RWTH / Rick, H.
148	IFM / Radach, G.
149	IOCB / Brockmann, U.
150	BSH / Koenig, P.
151	BSH
152	IFBM / Pegler, K.
153	GPI / Lammers, S.
154	GPI / Liebezeit, G.
155	IAB / Van Beusekom, J.
156	GPI / Beckmann, M.
157	GPI / Jennerjahn, T.C.
158	CRESO / Castaing, P., Froidefond, J.M.
159	NIOZ / Van Raaphorst, W.
160	NIOZ / Cramer, A.
161	NIOZ / Malschaert, J.F.P.
162	NIOZ / Lohse, L.
163	NIOZ / Slomp, C. P.
164	SAHFOS / Gamble, J.
165	BSH / Becker, G.
166	MUMM / Mommaerts, J.P.
167	CRESO / Castaing, P., Jouanneau, J.M.
168	unknown originator

169	IFM_KI
170	RWTH
171	NLW_HI
172	BAH
173	LWK_KI
174	IOW
175	BFA_IS
176	IFBM
177	BSH
178	BFA_IKB
179	IBLC
180	AWI
181	AWI
182	IHF
183	BODC / Lowry, R.
184	HELCOM
185	CRESO / Castaing, P.
186	MUMM_O
187	LAC / Decadt, G.
188	GMMA
189	LES
190	MFG / Hequ, J.H.
191	LO_IC / Gillain, G.
192	IHE
193	IMR / Hageboe M., Foyn, L.
194	PML / Joint, I.
195	PML / Howland, R.
196	BODC
197	NIOZ / Eisma, D.
198	MUMM
199	RWS-RIZA
200	ESU / Wilson, J.
201	BAH / Hagmeier, E., Treutner, K., Gillbricht, M.
202	BAH / Mangelsdorf, P., Harms, E.
203	BAH / Crews of Ellenbogen and Aade
204	PEML / Slinn, D.J. Allen, J.R.
205	IFM / Pohlmann, T.
206	POL / Flather, R.
207	IFBM / Hoelemann, J.
208	MBA / Southward, A.J.
209	IOW / Kaiser, W.
210	GPI / Schröder, M.
211	MUMM / Pollentier, A.
212	UL / Frankignoulle, M., Dauby, P.
213	VUB / Elkens, M.
214	RIKZ / Euzout data
215	Kalle, K., Kiel
216	MLA
217	NIOZ / Thijssen, S.B.

218	NIOZ / Cadee, G.C.
219	IMR / Danielssen, D. S.

Abbreviations

AWI	Alfred-Wegener-Institut, Bremerhaven
BAH	Biologische Anstalt Helgoland, Hamburg
BFA_IS	Inst. für Seefischerei, Bundesforschungsanstalt für Fischerei, Hamburg
BFA_IKB	Inst. für Küstenfischerei und Binnenfischerei, Bundesforschungsanstalt für Fischerei, Hamburg
BODC	British Oceanographic Data Centre, Bidston
BSH	Bundesamt für Seeschiffahrt und Hydrographie (former DHI), Hamburg
CRESO	Centre de Recherche sur les Environnements Sedimentaires Oceaniques, Univ. Bordeaux
DOD	Deutsches Ozeanographisches Datenzentrum, Hamburg
ESU	Environmental Science Unit, Trinity College, Dublin
GMMA	Groupe de Microbiologie des Milieux Aquatiques, Universite Libre, Brussels
GPI	Geologisch-Paläontologisches Institut, Univ. Hamburg
HELCOM	Helsinki Commission
IAB	Institut für Allgemeine Botanik, Univ. Hamburg
IBLC	Institut für Biochemie und Lebensmittelchemie, Univ. Hamburg
ICES	International Council for the Exploration of the Sea, Copenhagen
IFBM	Institut für Biochemie und Meereschemie, Univ. Hamburg
IFM	Institut für Meereskunde, Univ. Hamburg
IFM_KI	Institut für Meereskunde, Univ. Kiel
IHF	Institut für Hydrobiologie und Fischereiwissenschaft, Univ. Hamburg
IHE	Inst. d'Hygiene et d'Epidemiologie, Univ. Brussels
IMR	Institute for Marine Research, Bergen
IOCB	Institut für Organische Chemie und Biochemie, Univ. Hamburg
IOW	Institut für Ostseeforschung, Warnemünde
LAC	Laboor voor Analytische Chemie, VUB, Brussels
LES	Laboor voor Ekologie en Systematiek, VUB, Brussels
LWK_KI	Landesamt für Wasserhaushalt und Küsten des Landes Schleswig-Holstein, Kiel
LO_IC	Laboratoire d'Oceanologie, Inst. de Chimie, Univ. Liege
MA_WHV	Marineamt Wilhelmshaven
MBA	Marine Biological Association, Plymouth
MFG	Mecanique des Fluides, G.H.E.R., Univ. Liege
MLA	Marine Laboratory, Aberdeen
MUMM	Management Unit of the Mathematical Modelling of the North Sea, Brussels
MUMM_O	Management Unit of the Mathematical Modelling of the North Sea and Scheldt, Ostend
NIOZ	Netherlands Institute for Sea Research, Texel
NLW_HI	Niedersächsisches Landesamt für Wasserwirtschaft, Hildesheim
NOD	Norwegian Ocean Data Center
PEML	Port Erin Marine Laboratory, University of Liverpool

PML	Plymouth Marine Laboratory, Plymouth
POL	Proudman Oceanographic Laboratory, Bidston
RIKZ	Rijksinstitut voor Kust en Zee, Den Haag
RWS-RIZA	Rijkwaterstaat, Lelystad
RWS	Rijkswaterstaat, Den Haag
RWTH	Rheinisch-Westfälische Technische Hochschule, Aachen
SAHFOS	Sir-Allister-Hardy Foundation of Ocean Sciences, Plymouth
SMHI	Swedish Meteorological and Hydrological Institute, Göteborg
TUHH	Technische Universität Hamburg-Harburg, Hamburg
UL	Univ. Liege
VUB	Free University of Brussels
YFS	Young Fish Survey, ICES, Copenhagen

2.2.2 Contents of data files and the corresponding formats

The list of contents of the data files and of the corresponding formats, which was issued from the NRBD Group to the originators or partners, provides information about the meta-information that is needed for storing the data sets in the NOWESP Research Data Base. The principle is that all necessary information for interpretation must be available together with the measured value. The NOWESP Research Data Base Group in Hamburg accepted any data and file format, but in any case the data sets must contain the meta-information. Only after this information concerning the name of the parameter, the unit, latitude and longitude, water depth, year, month, day, hour, minute, sample depth, name of platform, number of cruise, name of data originator, and the measurement method was fully provided, the data set was included in the NOWESP Research Data Base.

Concerning the formats the following guidelines had to be obeyed:

The data for the NOWESP Research Data Base should be formatted in a data format, e.g. 10F7.3, and if necessary contain a header. Every file had to be accompagnied by an exact description of the data format and the contents of the header(s). One of the following file formats should be used for sending the files to the NOWESP Research Data Base:

- ASCII files
- ORACLE tables
- EXCEL tables
- WORD files
- WORD PERFECT files

If a different file-format was used, it should be exactly described. The files should be sent in one of the following ways to the NOWESP Research Data Base:

- ftp (file transfer program)
- 3.5“ floppy disk
- 5.25“ floppy disk
- exabyte tape
- CD-ROM

The contents of the files sent in by the partners must, however, correspond to the NOWESP Format, as described in section **2.1.2** Any file sent to the NOWESP Research Data Base should contain the following informations:

- Author of data
- Parameter (physical, biogeochemical)
- Units
- Method of observation or calculation
- Position (longitude, latitude, sample-depth)
- Date/time (which time: UT, CET, summer/winter ?)
- Quality (how was the quality of the data checked ?)
- Number for missing values, e.g. -9999.

- Number of data
- Ship, number of cruise

The NOWESP Research Data Base Group converted all of the files written in these formats into the NOWESP Format for loading the data into the data base.

2.2.3 Rules for quality control

Quality control for data sets to be included in the NOWESP Research Data Base (NRDB) has two aspects:

1. The data sets have to be complete in the sense of the demands written down in the previous section 2.2.2.

2. The data sets have to be delivered after they have been checked for the realism of the measurement values. This comprises that

   - the measurements are lying in observable or at least in realistic ranges,
   - the given measurement values are equal or larger than the detection limit of the measuring device.

Consistent date?:	1950	≤	year	≤	1994	
	1	≤	month	≤	12	
	1	≤	day	≤	31	
consistent time?:	0	≤	time	≤	24	(hours)
consistent depth?:	0	≤	depth	≤	actual depth	(m)
	0	≤	depth	≤	5000	(m)
consistent coordinates?:						
	-180	≤	longitude	≤	+180	(°)
	- 90	≤	latitude	≤	+ 90	(°)
consistent area? are latitudes and longitudes within prescribed ranges?:						
	LO1	≤	longitude	≤	LO2	(°)
	LA1	≤	latitude	≤	LA2	(°)

Tab. 4
Examples of quality checks for incoming data, performed by the NRDB Group.

The NOWESP Research Data Base Group checked the incoming data additionally according to the checks indicated in **Tab. 4**.

3. Data products and their presentation

The NOWESP Research Data Base Group provided the project partners with several data products, namely with

- **Single data sets,**
- **Data Reports of the single data sets,**
- **Merged data sets,**
- **Data Reports of the merged data sets,**
- **Time series at the eight NOWESP sites,**
- **Gridded Data Sets.**

In this report these data products are presented in sections 5 - 7, except for the gridded data which are published in the technical report by Gekeler & Radach (1997).

In the meantime the data products were and are used by other projects and scientists. The data sets were e.g. used, together with other data, by the MAST project ERSEM for deriving annual cycles for nutrients and chlorophyll on the basis of 1° by 1° squares all over the North Sea (Radach et al., 1995).

3.1 Data Reports

The so-called „Data Reports" are graphical representations of the data sets, intended as means for obtaining an overview over the data before embarking on an analysis of the data.

Two different graphical formats of the „Data Reports" (Heinemann, 1988, Schönfeld et al., 1988) have been produced to enable working with the many data sets for each single variable as well as for the merged data sets. They allow to assess the distribution of the data in space and time (Radach et al., 1997).

In this report we present the Data Reports belonging to one data set on two consecutive pages. The **left page** shows the first Data Report, "Positions and data projections on time" of the data set. The **right page** shows the second Data Report on "Sampling frequency in space and time". The first Data Report provides a map of the positions of the stations, and the data are shown on different time scales (one year, decades). The second Data Report gives the frequency distributions of the data in their spatial frame as well as the frequency distribution of the data itself and of their temporal distribution within the annual and decadal frame.

The Data Reports shown in this report are configurated to show the full data set within the north-west European shelf, using default options (largest area, time window, depth window etc.). The program „Data Reports" allows, however, to specify the region and the depth and time ranges, thus enabling a zooming of the data for specified space and time scales. The repetitive use of the Data Reports provides the opportunity to look closely at single as well as at merged data sets before embarking on a statistical evaluation.

Data Reports were produced for each relevant parameter of each separate data set (one originator, one cruise or experiment etc). For the merged data sets Data Reports for the single data sets were produced and included in this technical report (**Section 5**). In total about 287 pairs of Data Reports were produced. Except for a few Data Reports with less than 50 data all of them are included in this report (**Section 6**).

3.2 Merged data sets

Merging data sets of different origins has been performed by obeying certain rules as far as it was possible. For many data sets these possibilities turned out to be very restricted, because there was either no suitable overlap or no comparable data set sufficiently close. When checking the data sets for temperature and salinity, for nutrients and for suspended matter (SPM) it was finally decided to merge all available data sets. The Data Reports of the merged data sets are presented in this technical report in section 5. The amounts of data involved in the merging is shown in **Tab. 5**.

Parameter name	merge number	PCODE (first four digits)	number of data in map area
Temperature	11	1001	518909
Salinity	10	1002	468373
Phosphate	3	5001	240106
Nitrate	5	5002	162091
Nitrite	4	5004	131456
Ammonium	7	5005	96197
Silicate	6	5003	140243
Chlorophyll	37	4001	178263
Suspended particulate matter	36	6077	151083

Tab. 5
Number of data for the merged data sets of the 9 NOWESP state variables included in this report.

For the NOWESP parameters the merged data sets consist of many single data sets for each parameter which may have different parameter codes and originators. Each merged data set consists of single data sets with coinciding first four digits of the parameter code. For each state variable a list of the single data sets is given, which are involved in the corresponding merge, and the code number, the originator and the number of observations of the single data sets are indicated (see Section 6).

3.3 Gridded Data Sets

The data sets had to be interpolated in NOWESP onto a fixed regular grid for estimating fluxes and budgets. The interpolation of data had to take account of the patchy and irregular distribution of the original data. When interpolating, the properties of the spatial and temporal distributions of the data sets had to be preserved by the interpolation method. The big variability in space and time turned out to be a problem when gridding irregularly

distributed data sets by kriging, and finally an exponential interpolation was used. The gridded data sets were described by Gekeler & Radach (1997) and Radach & Gekeler (1997).

The merged data sets for the nine NOWESP state variables were interpolated onto a regular grid of 1/3° by 1/5°, i.e. on a grid of about 20 km grid size. The gridding of NOWESP data sets resulted in monthly horizontal distributions of the concentrations in the surface layer (0 - 30 m) and bottom layer (30 m - bottom).

In combination e.g. with simulated flow fields the advective transports of various constituents (water, salt, nutrients, SPM) across the shelf were estimated by Laane et al. (1997) from the gridded data.

3.4 Time series

Long time series were derived for eight sites on the north-west European shelf, which line up along the residual circulation (Van Leussen et al., 1996). The eight sites are shown in **Fig. 1**; their geographical positions are listed in **Tab. 6**.

For deriving the time series the merged data sets were used, and the long time series were defined at 14 sub-areas within the eight defined areas, taking existing time series as core series and creating as complete and long time series as possible by utilizing the NOWESP data set in certain regions defined around the sites (**Fig. 1**). Therefore these sites are situated in several cases at stations where data had been obtained regularly for a long time, like station E1 in the Channel, station Port Erin in the Irish Sea or at Helgoland in the German Bight. For those sites where the time series had gaps or where the series had to be created from surrounding data, programs were applied which aggregated all the data found in the defined areas around the sites. The time series were prepared by the NOWESP Research Data Base Group for the upper layer of 0 - 10 m. The time series constructed are listed in **Tab. 7**.

Time series of monthly means are presented in graphical form in Section 7 at the following sites:

Site 1: Port Erin, Isle of Man
Site 2: Station E1, Plymouth
Site 3: North-western North Sea near Aberdeen
Site 4: Belgian Coast
Site 5: Dutch Coast
Site 6: German Bight
Site 7: Skagerrak
Site 8: Norwegian Coastal Waters off Bergen

Site	Longitude	Latitude
Box 1:	5°00'W- 4°00'W	53°25'N- 54°10'N
Box 2:	5°00'W- 3°00'W	49°00'N- 50°10'N
Box 3:	2°00'W- 1°00'E	56°00'N- 58°00'N
Box 4-1:		
sub 1:	2°25'E- 2°45'E	51°00'N-51°17.5'N
sub 2:	2°45'E-2°58.5'E	51°00'N- 51°25'N
sub 3:	2°58.5'E- 3°10'E	51°00'N- 51°28'N
sub 4:	3°10'E- 3°27'E	51°00'N-51°34.5'N
Box 4-2:		
sub 1:	2°25'E- 2°40'E	51°17.5'N- 51°27'N
sub 2:	2°40'E- 2°45'E	51°17.5'N- 51°30'N
sub 3:	2°45'E- 2°50'E	51°25'N- 51°32'N
sub 4:	2°50'E-2°58.5'E	51°25'N-51°34.5'N
sub 5:	2°58.5'E- 3°10'E	51°28'N- 51°38'N
sub 6:	3°10'E- 3°27'E	51°34.5'N- 51°42'N
Box 4-3:		
sub 1:	2°25'E- 2°40'E	51°27'N- 51°42'N
sub 2:	2°40'E- 2°45'E	51°30'N- 51°47'N
sub 3:	2°45'E- 2°50'E	51°32'N- 51°52'N
sub 4:	2°50'E-2°58.5'E	51°34.5'N- 51°52'N
sub 5:	2°58.5'E- 3°10'E	51°38'N- 51°52'N
sub 6:	3°10'E- 3°27'E	51°42'N- 51°52'N
Box 5-1:	4°08'E- 4°28'E	52°02'N- 52°22'N
Box 5-2:	3°48'E- 4°08'E	52°12'N- 52°32'N
Box 5-3:	3°18'E- 3°48'E	52°22'N- 52°42'N
Box 5, CPR:	3°30'E- 4°30'E	52°00'N- 53°30'N
Box 6:	6°40'E- 8°00'E	54°00'N- 54°45'N
HR:	7°54'E	54°11.3'N
Box 7-1:		
sub 1:	7°30'E- 7°50'E	57°00'N- 57°20'N
sub 2:	7°50'E- 8°10'E	57°00'N- 57°40'N
sub 3:	8°10'E- 9°10'E	57°15'N- 57°40'N
sub 4:	9°10'E- 9°30'E	57°20'N- 57°58'N
sub 5:	9°30'E- 9°50'E	57°40'N- 57°58'N
sub 6:	9°50'E- 10°30'E	57°45'N- 57°58'N
Box 7-2:		
sub 1:	7°30'E- 8°00'E	57°40'N- 57°55'N
sub 2:	8°00'E- 8°45'E	57°50'N- 57°55'N
sub 3:	8°20'E- 8°45'E	57°55'N- 58°10'N
sub 4:	8°45'E- 9°10'E	58°05'N- 58°23'N
sub 5:	9°10'E- 9°50'E	58°15'N- 58°23'N
sub 6:	9°20'E- 10°30'E	58°23'N- 58°30'N
Box 8-1:	4°00'E- 5°00'E	59°00'N- 61°00'N
Box 8-2:	3°00'E- 4°00'E	58°00'N- 61°00'N

Tab. 6
The position of the NOWESP areas on the north-west European shelf.

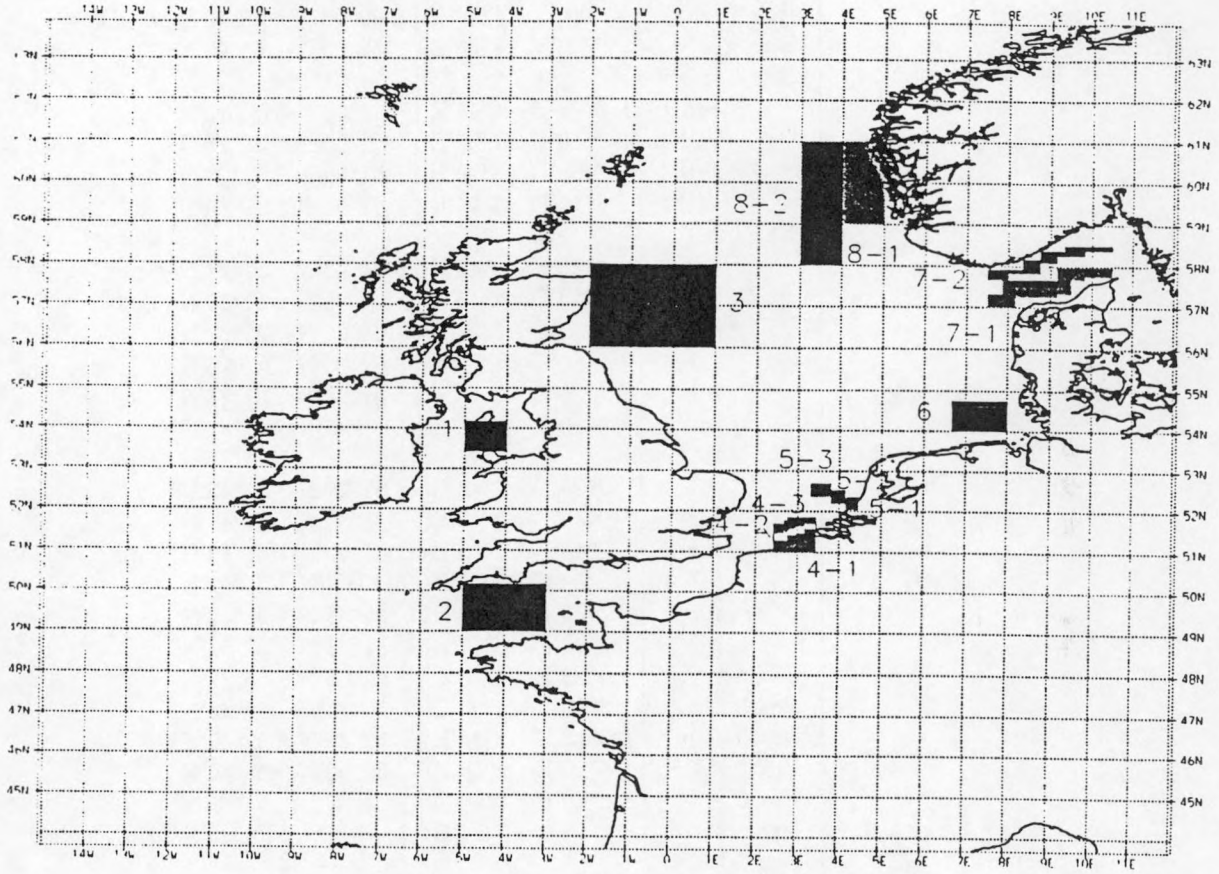

Fig. 1
The north-west European shelf with the NOWESP sites.

Site number	T	S	SPM	Chl	POC	PO_4	NO_3	NO_2	NH_4	SiO_4
1	60-94	60-94	no data	66-94	no data	60-94	60-85, 89-94	60-91	92-94	60-84, 91-94
2	60-85	60-85	no data	74-86	no data	60-85	66-86	no data	75-86 ncts	60-85
3	60-94, ncts	60-94, ncts	no data	no data	no data	60-76, 80-92, ncts	ncts	no data	no data	no data
4-1	75-93	75-94	75-93	75-93	87-93	75-93	75-93	75-93	75-93	75-93
4-2	75-93	75-93	75-93	75-93	87-93	75-93	75-93	75-93, ncts	75-93	75-93
4-3	75-93	75-93	75-93	75-86, 88-93 ncts	88-93	75-93	75-93	85-93	75-93	75-93
5-1	75-93	75-93	75-93	75-93	87-93	75-93	75-93	75-93	75-93	75-93
5-2	75-89	75-89	75-89	75-82, 88-90, ncts	no data	75-89	75-93	85-89	75-84	75-89
5-3	75-93	75-93	75-93	75-93	87-93	75-93	75-93	85-93	75-93	75-93
6	60-93	60-93	88-91	65-78, 88-90, ncts	no data	62-93	62-93	62-93	62-72, 74-93	66-93
7-1	80-92	80-92	no data	80-92	no data	80-92	80-92	80-92	80-88 ncts	88-92
7-2	80-92	80-92	no data	80-92	no data	80-92	80-92	80-92	80-88 ncts	88-92
8-1	60-77, 79-92	60-77, 79-92	no data	no data	no data	no data	no data	no data	no data	no data
8-2	60-76, 80-91, ncts	60-91, ncts	no data	no data	no data	no data	no data	no data	no data	no data

Tab. 7

Periods for which monthly mean data are available at the sites 1 to 8; note: sporadic data were ignored when indicating the time range.
T temperature, S salinity, SPM particulate suspended matter, Chl chlorophyll; ncts = no continuous time series, no data = no data or sparse data (modified from Radach et al., 1997).

4. References

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Part 2

5. Data Reports for merged data sets of the NOWESP Standard Parameters

Temperature
Salinity
Phosphate
Nitrate
Nitrite
Ammonium
Silicate
Chlorophyll
Suspended particulate matter

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

MERGE : 11

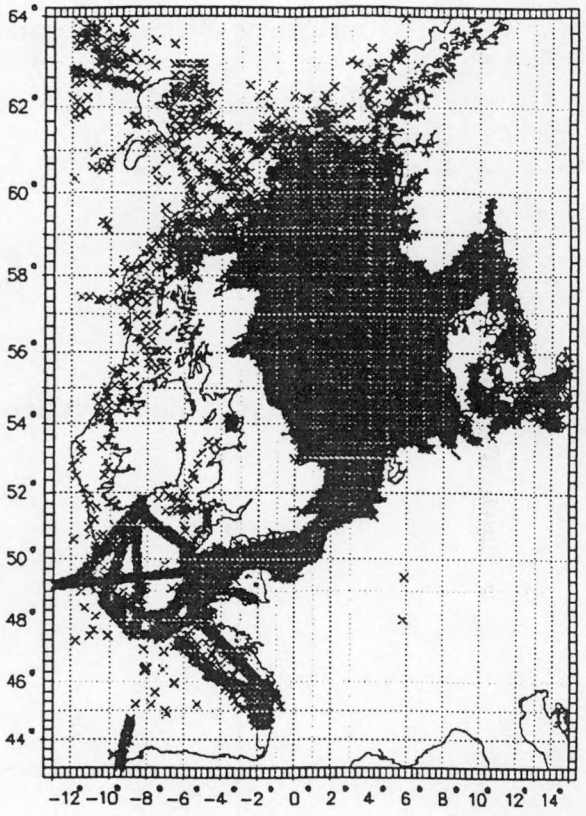
UNITS : GRD C

NO. OF POSITIONS : 57850

NO. OF DATA : 518909

MINIMUM : −1.90

MAXIMUM : 27.74



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

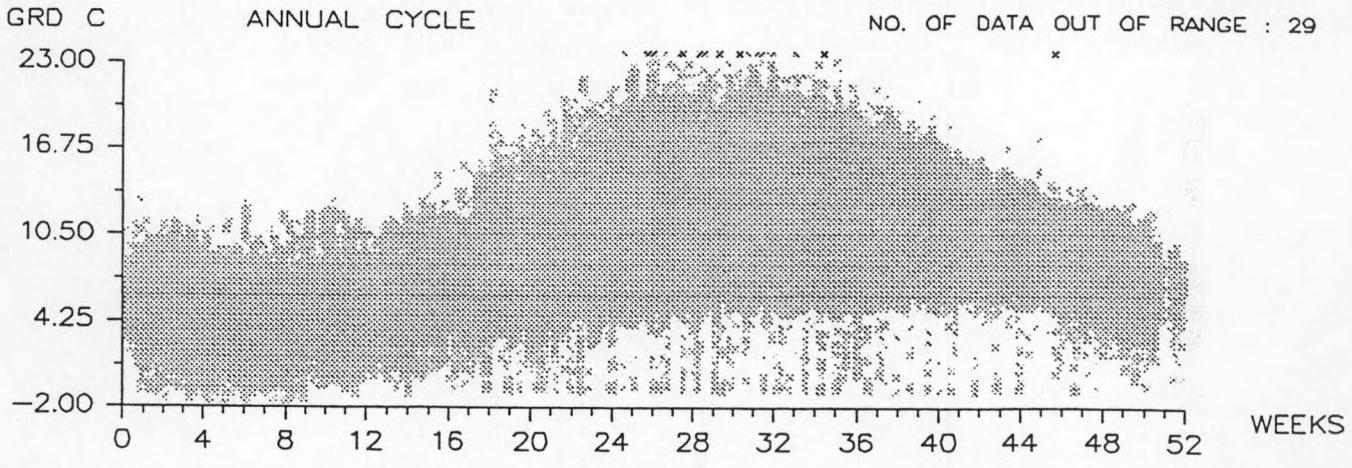
FIRST WEEK : 1

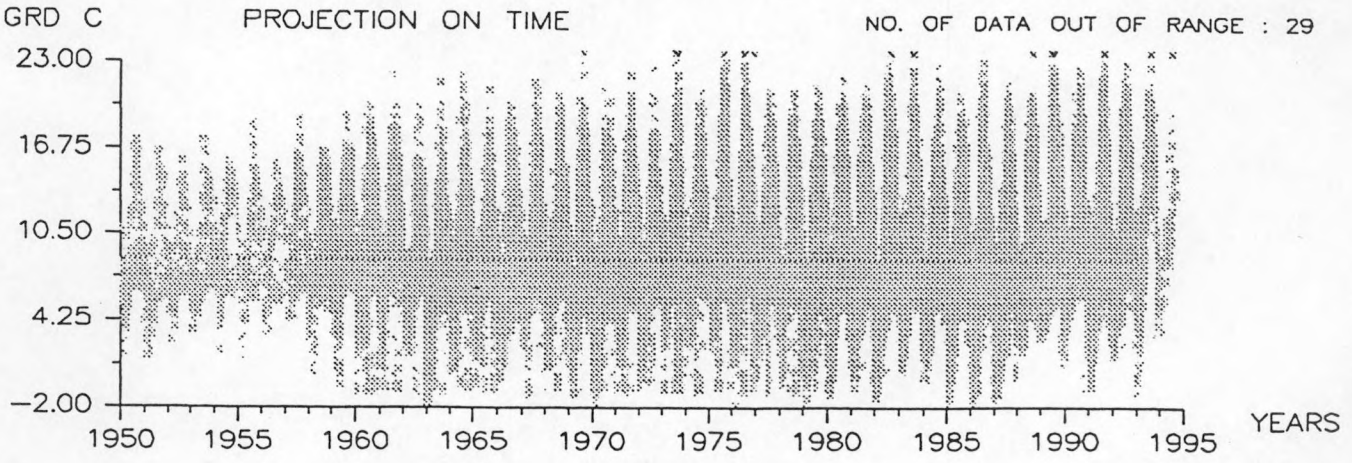
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





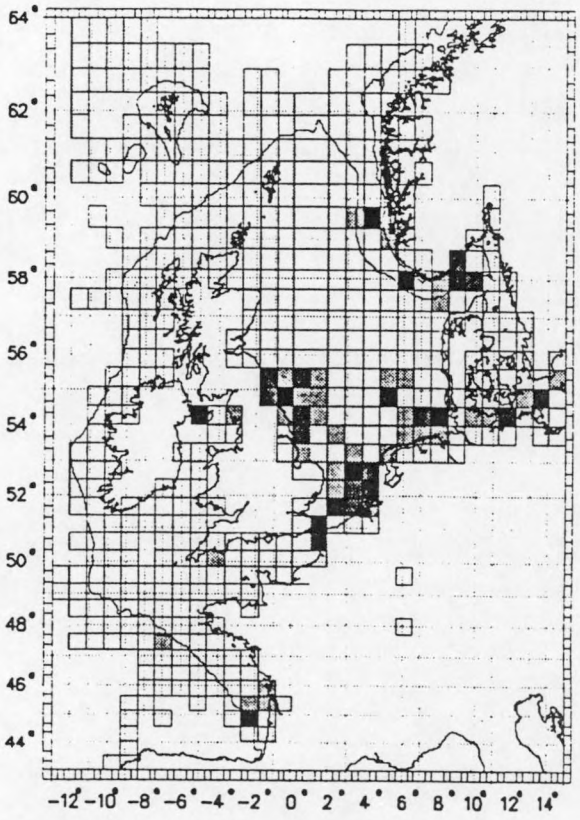
ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

MERGE : 11
UNITS : GRD C
NO. OF DATA : 518909
NO. OF POSITIONS : 57850
NO. OF DATA/AREA :
(without longterm data series !)

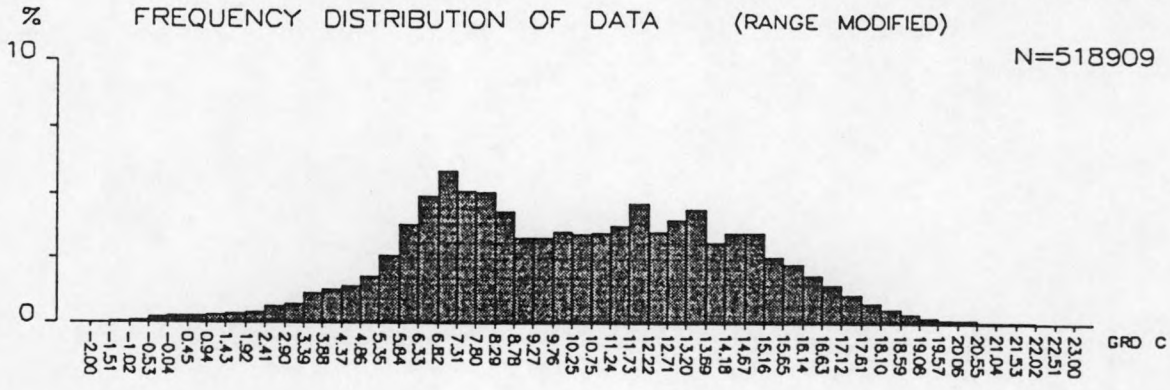
< 15800	< 6771
< 13542	< 4514
< 11285	< 2257
< 9028	= 0

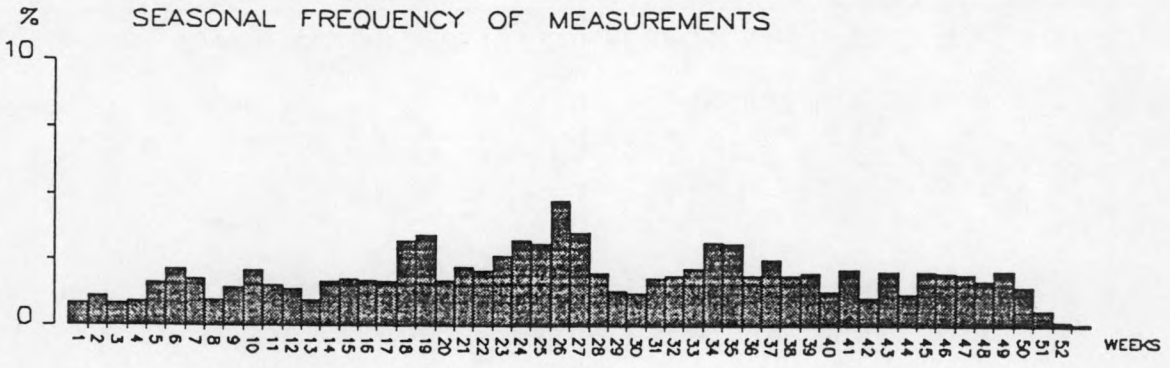


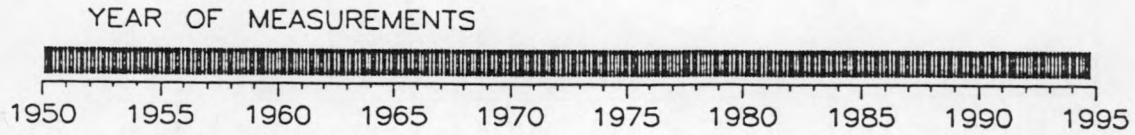
MINIMUM : −1.90
MAXIMUM : 27.74

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

MERGE : 10

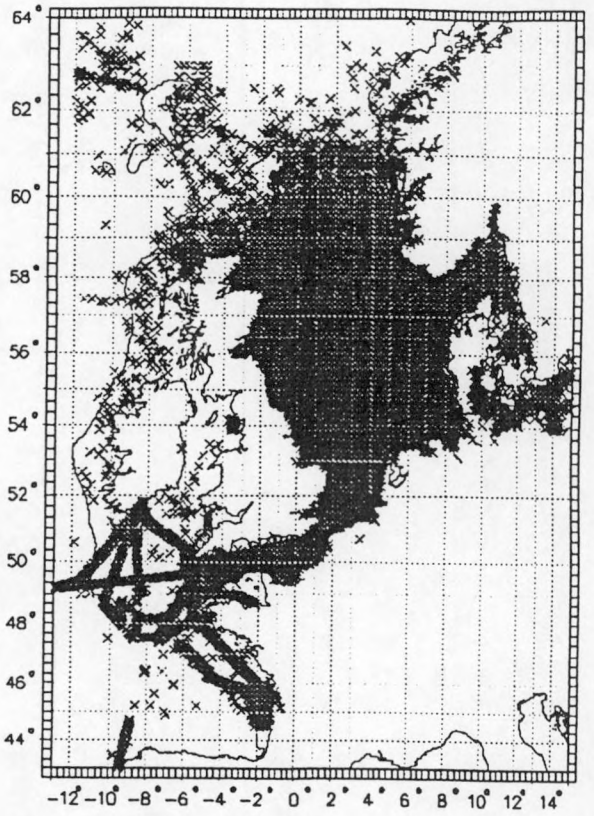
UNITS : PSU

NO. OF POSITIONS : 49533

NO. OF DATA : 468373

MINIMUM : 0.03

MAXIMUM : 39.95



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

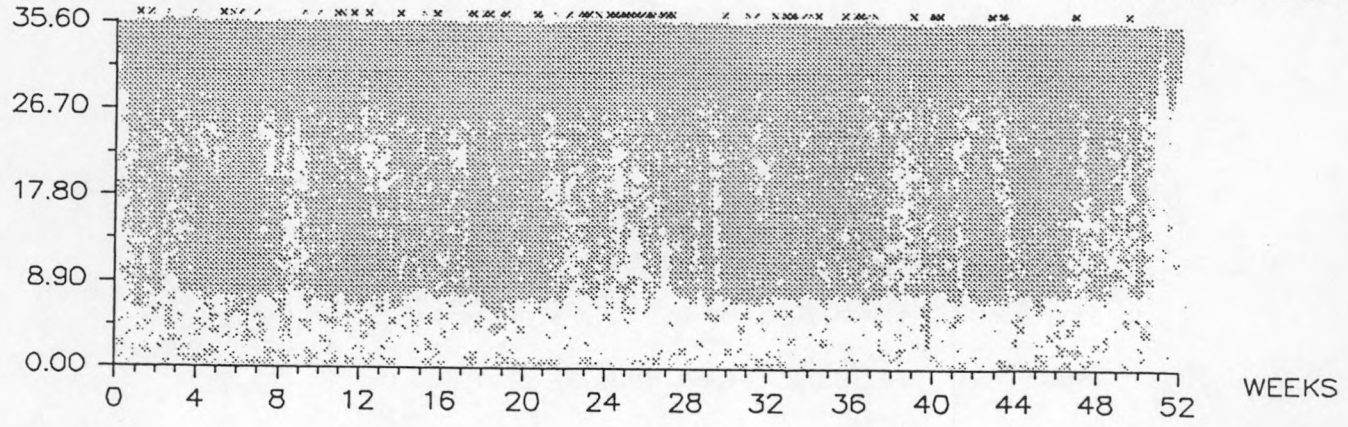
DEPTH–RANGE

UPPER : 0

LOWER : 2000

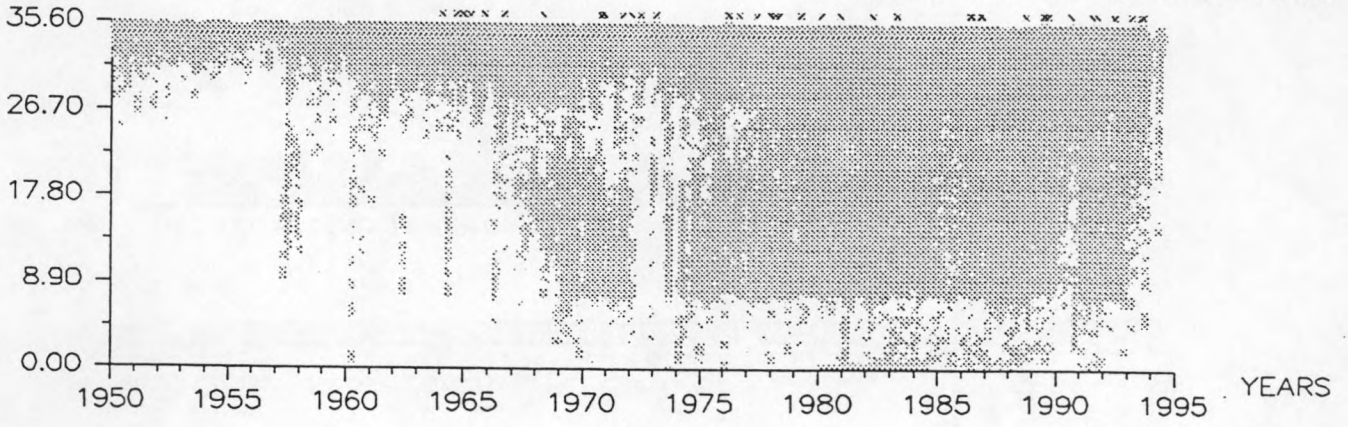
PSU ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 9186



PSU PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 9186



ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

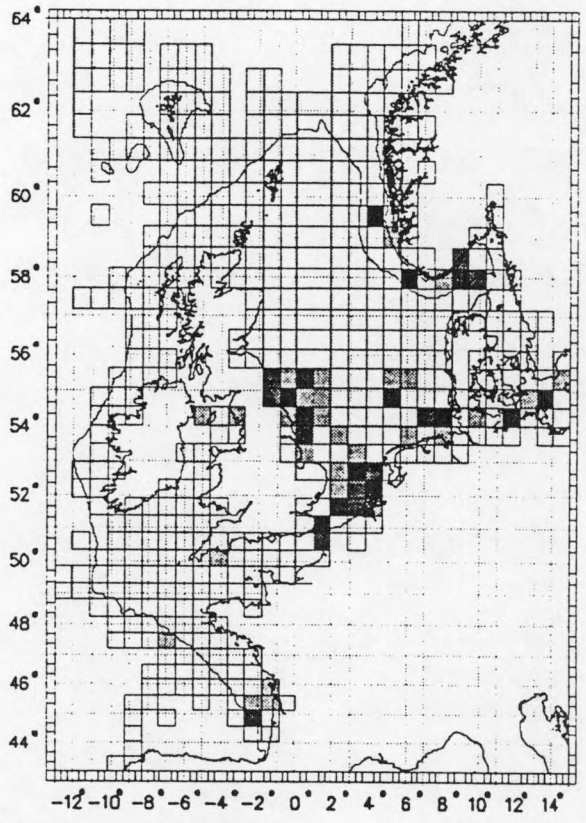
MERGE : 10
UNITS : PSU
NO. OF DATA : 468373
NO. OF POSITIONS : 49533
NO. OF DATA/AREA :
(without longterm data series !)

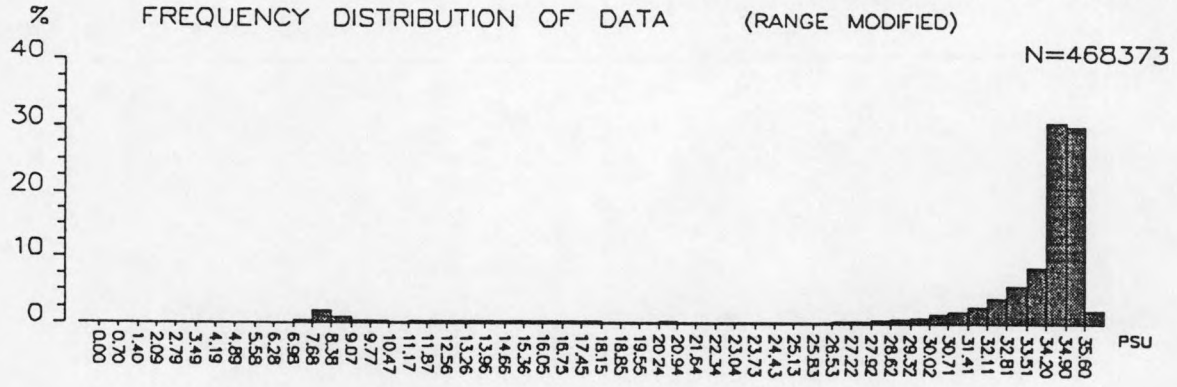
< 15608	< 6689
< 13378	< 4459
< 11148	< 2229
< 8918	= 0

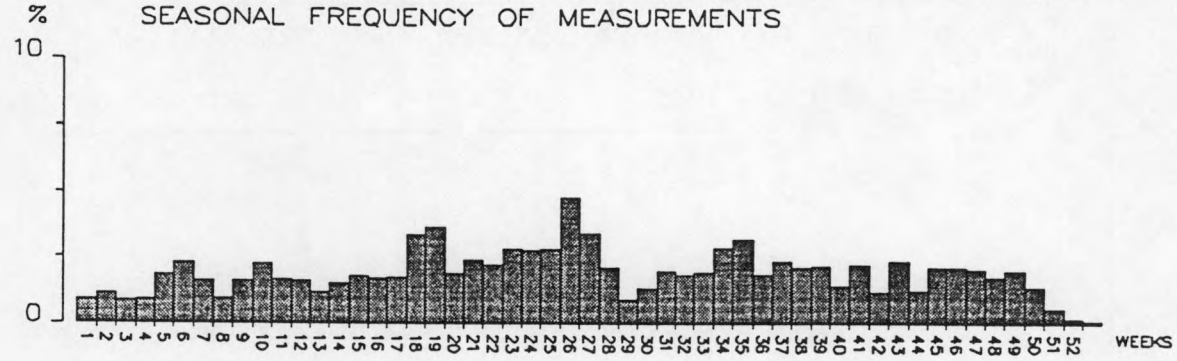
MINIMUM : 0.03
MAXIMUM : 39.95

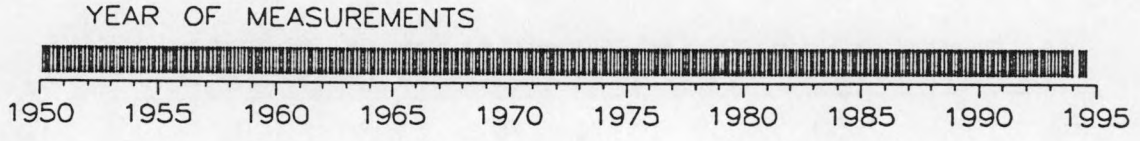
MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





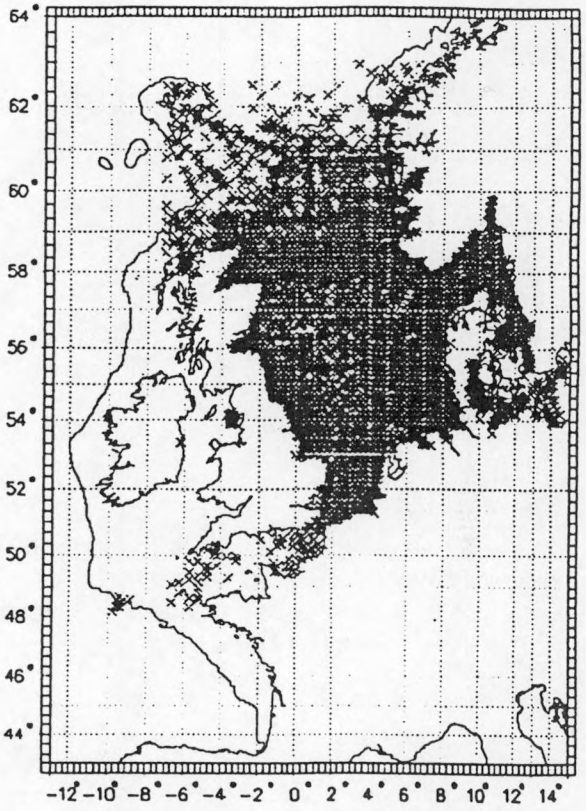




97-06-14

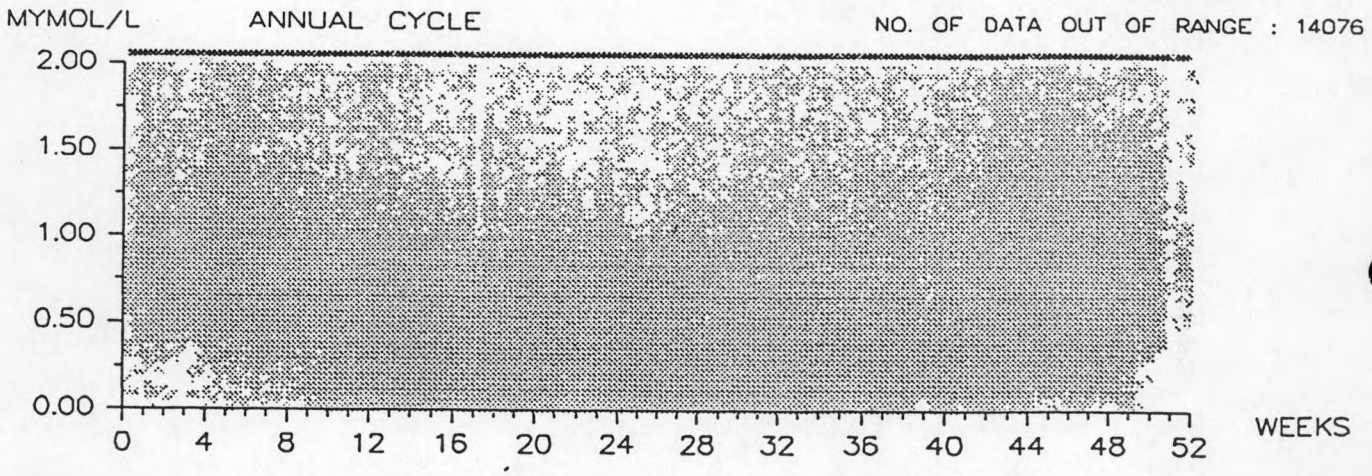
PHOSPHATE-P (PO4)

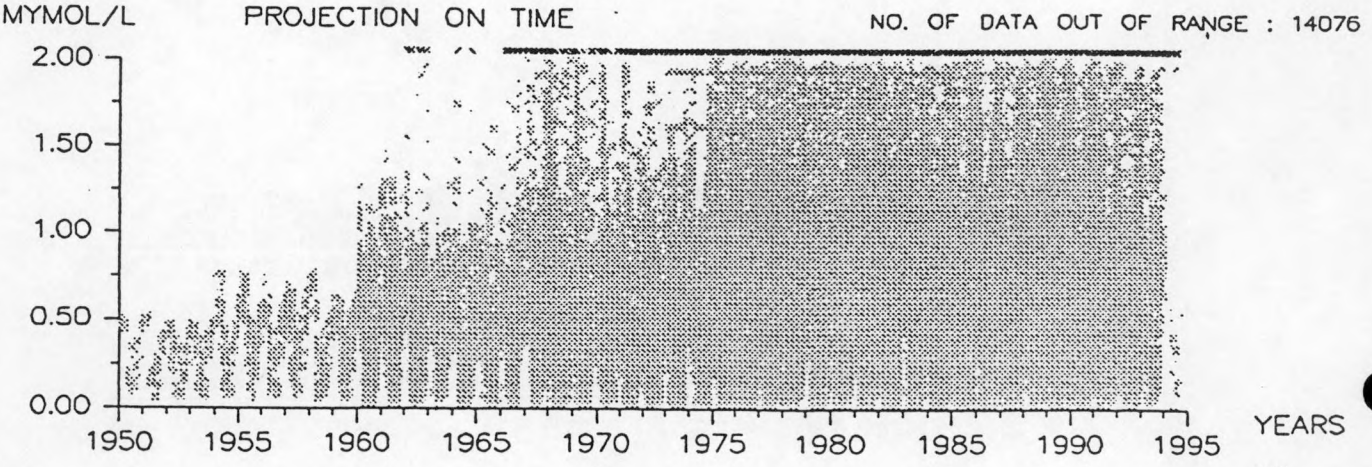
MERGE : 3
UNITS : MYMOL/L
NO. OF POSITIONS : 15498
NO. OF DATA : 240106
MINIMUM : 0.00
MAXIMUM : 87.17



MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





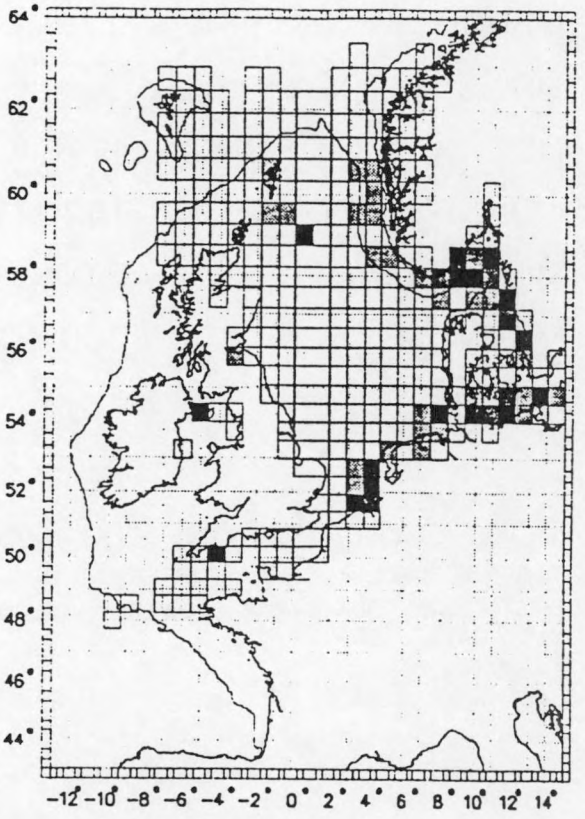
ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

MERGE : 3
UNITS : MYMOL/L
NO. OF DATA : 240106
NO. OF POSITIONS : 15498
NO. OF DATA/AREA :
(without longterm data series !)

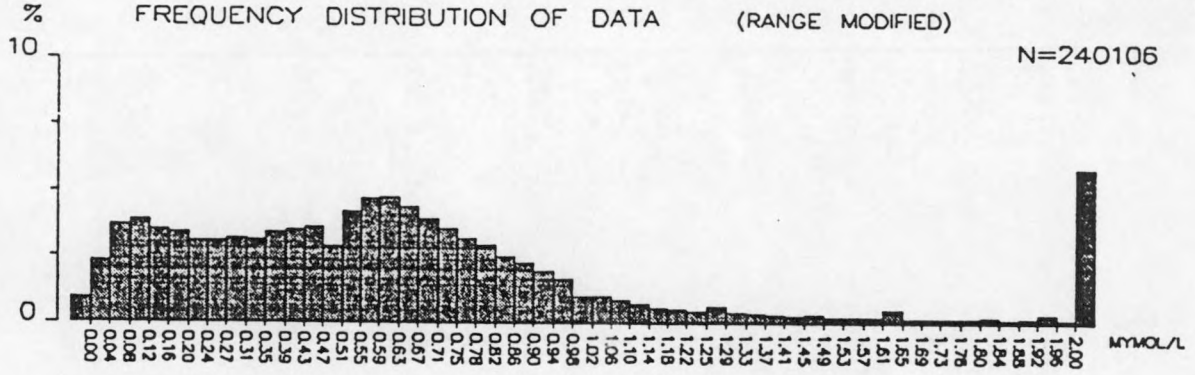
<	8086	<	3465
<	6930	<	2310
<	5775	<	1155
<	4620	=	0

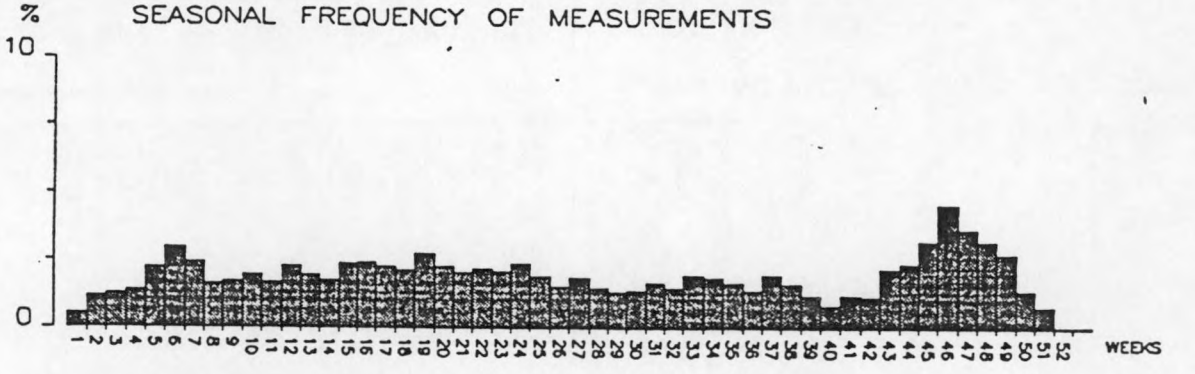


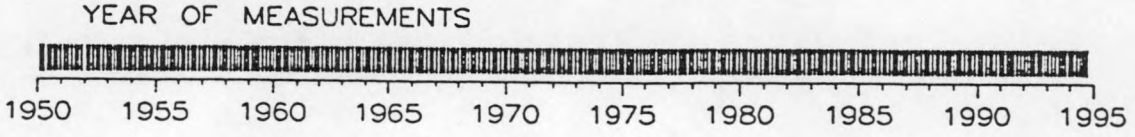
MINIMUM : 0.00
MAXIMUM : 87.17

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

MERGE : 5

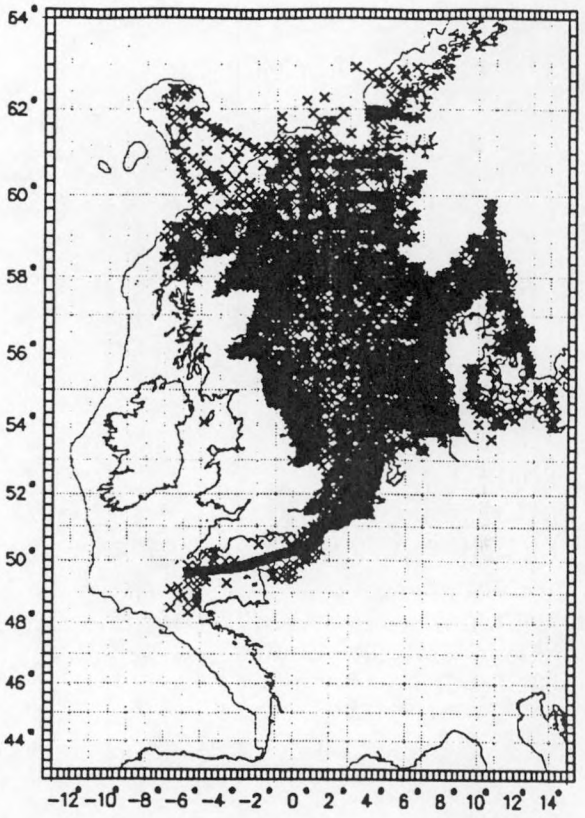
UNITS : MYMOL/L

NO. OF POSITIONS : 11764

NO. OF DATA : 162091

MINIMUM : 0.00

MAXIMUM : 500.40



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

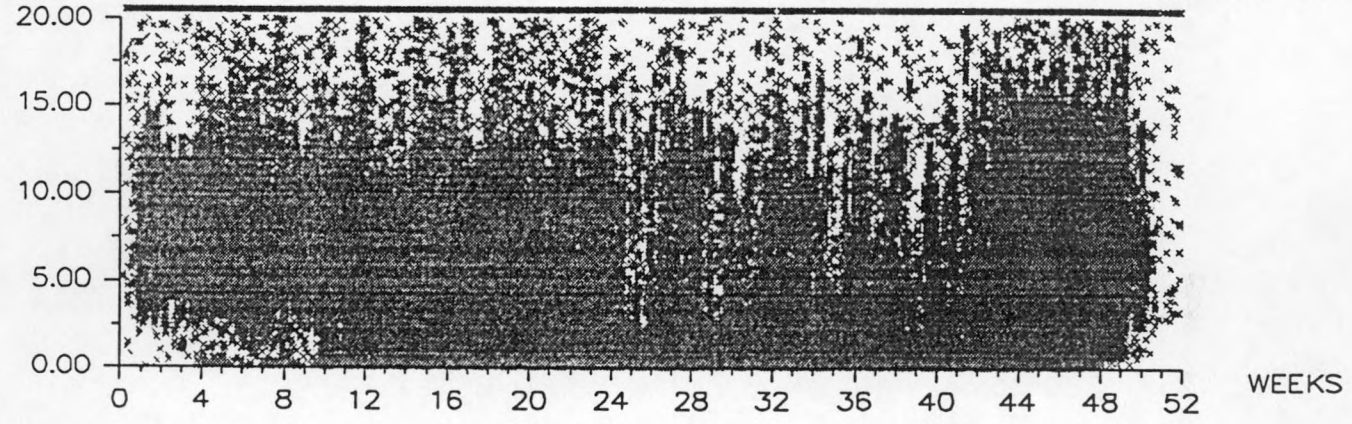
DEPTH–RANGE

UPPER : 0

LOWER : 2000

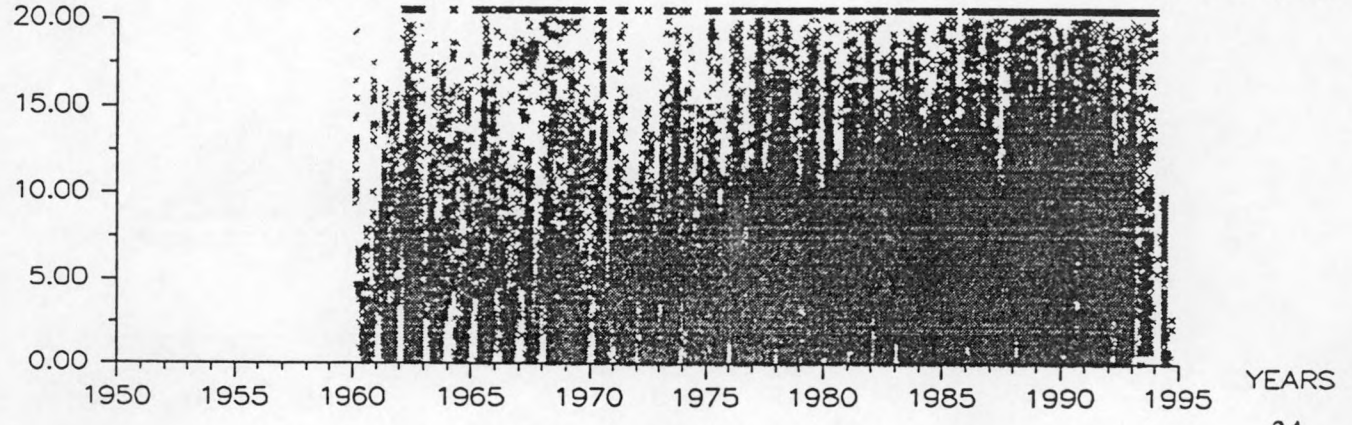
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 5892



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 5892



97–06–13

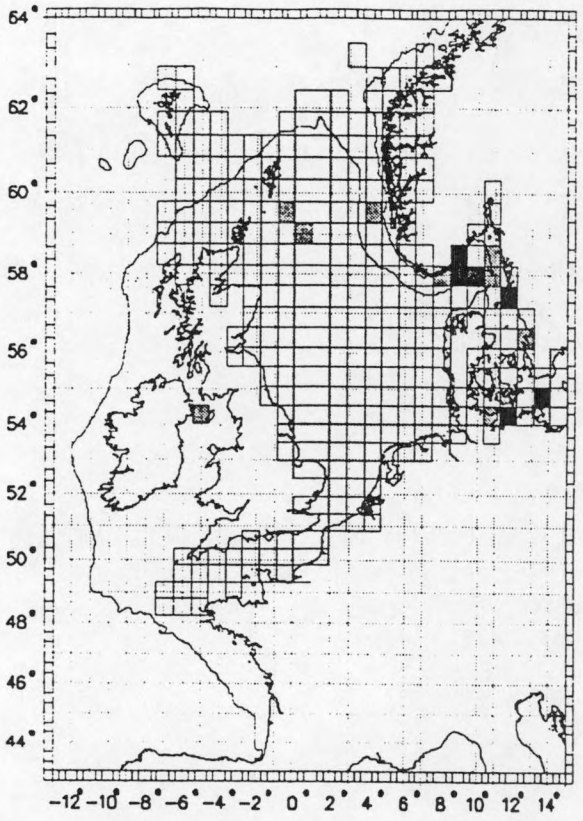
ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

MERGE : 5
UNITS : MYMOL/L
NO. OF DATA : 162091
NO. OF POSITIONS : 11764
NO. OF DATA/AREA :
(without longterm data series !)

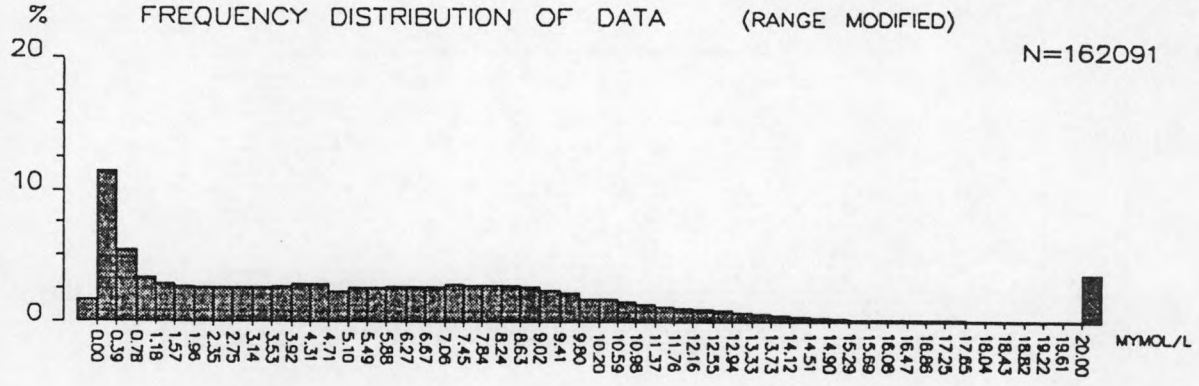
<	12127	<	5197
<	10394	<	3464
<	8662	<	1732
<	6929	=	0

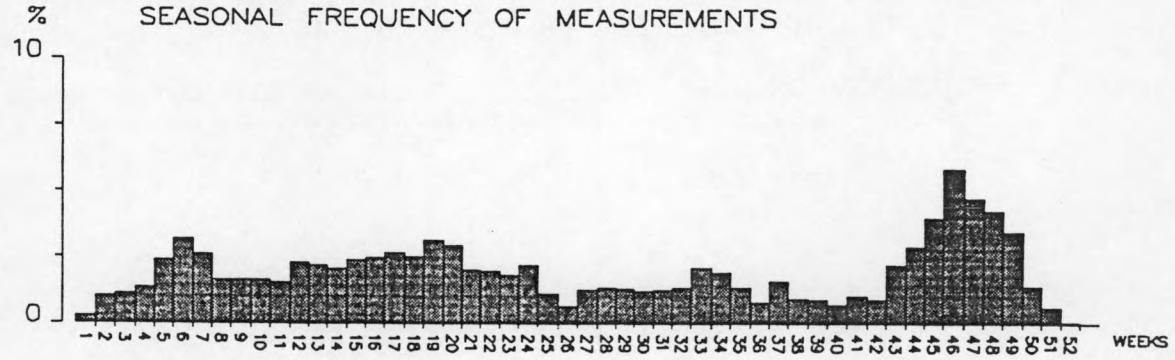


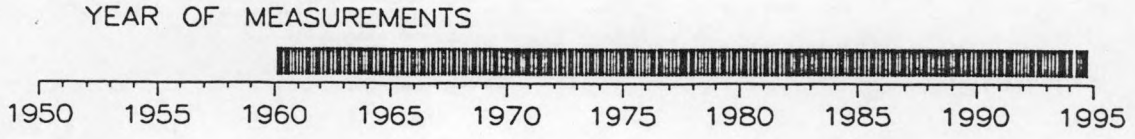
MINIMUM : 0.00
MAXIMUM : 500.40

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







97–06–13

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

MERGE : 4

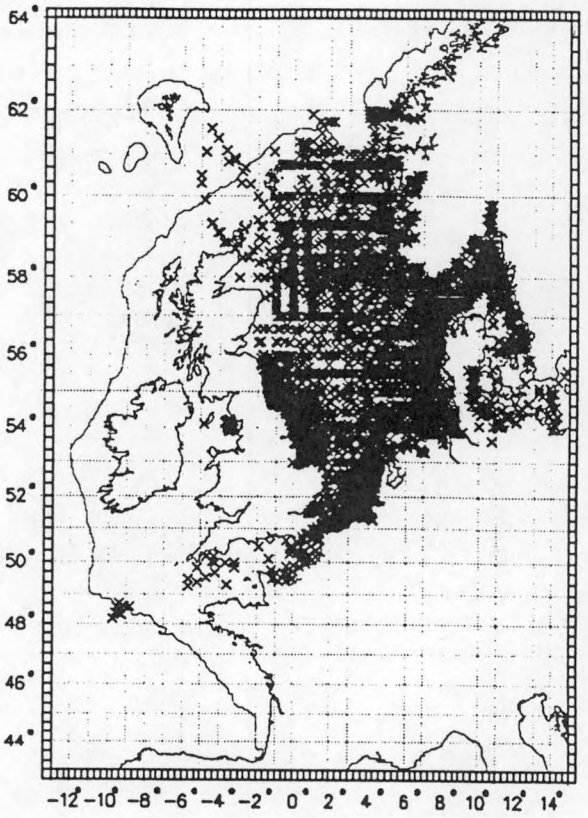
UNITS : MYMOL/L

NO. OF POSITIONS : 9011

NO. OF DATA : 131456

MINIMUM : 0.00

MAXIMUM : 67.82



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

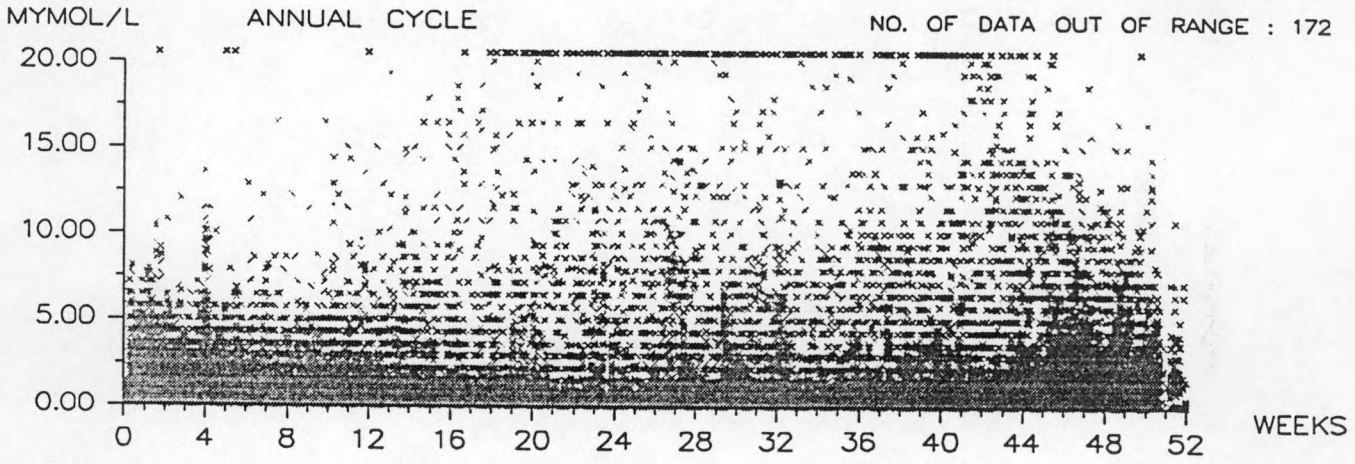
FIRST WEEK : 1

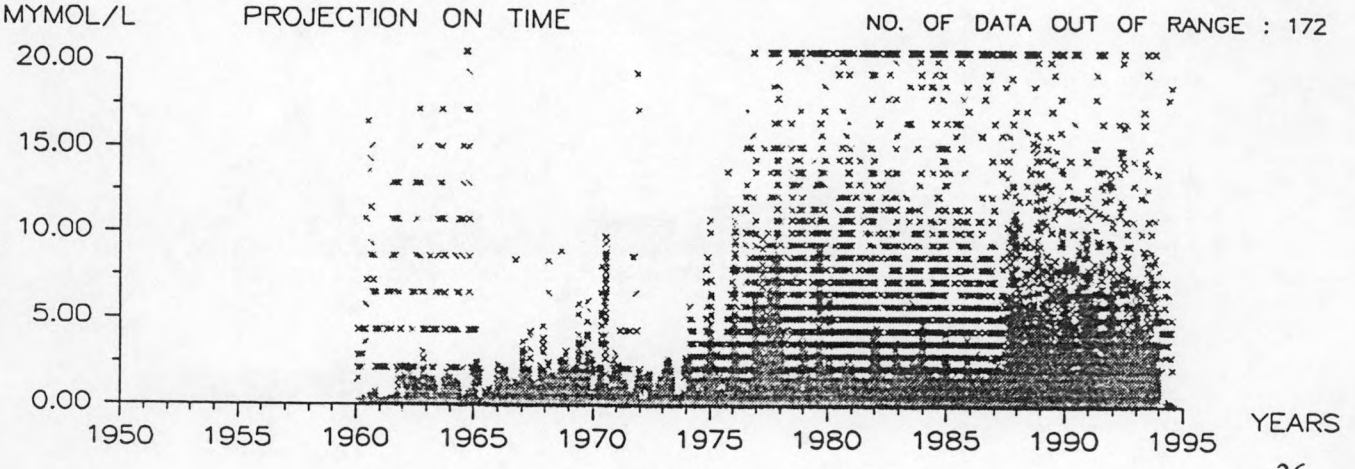
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





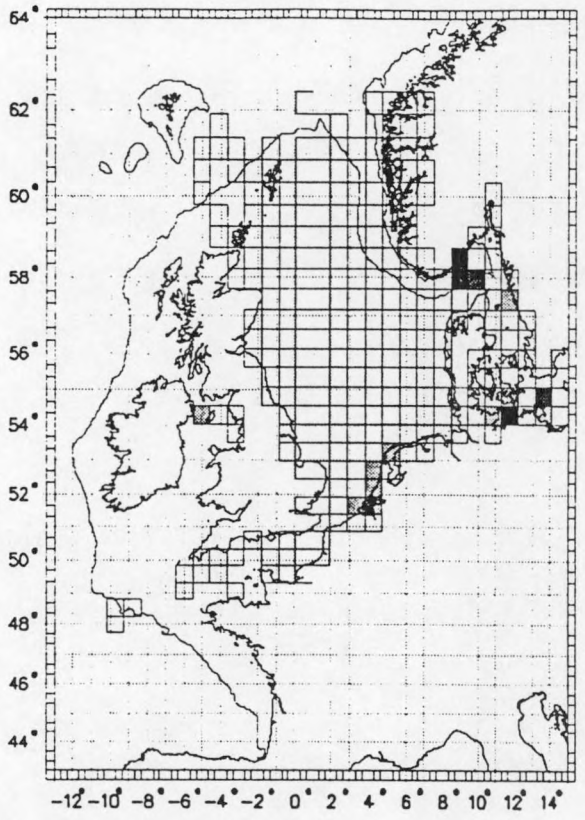
ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

MERGE : 4
UNITS : MYMOL/L
NO. OF DATA : 131456
NO. OF POSITIONS : 9011
NO. OF DATA/AREA :
(without longterm data series !)

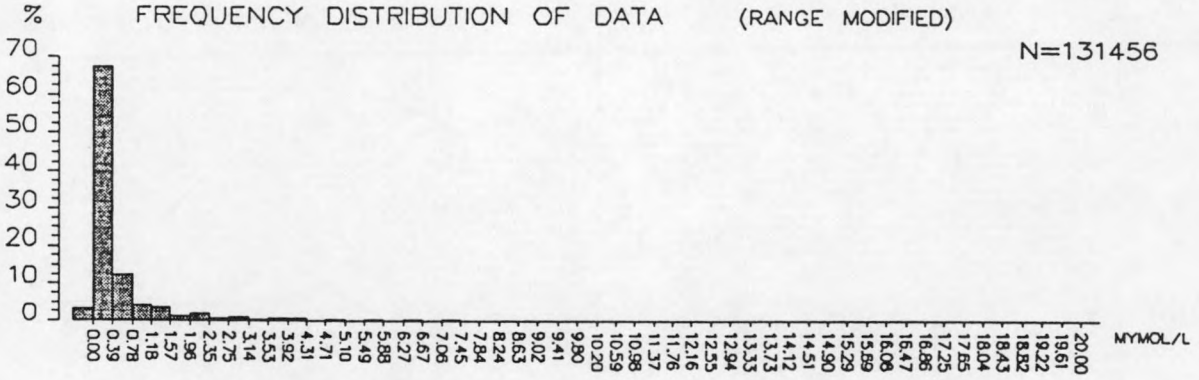
<	10526	<	4511
<	9022	<	3007
<	7518	<	1503
<	6014	=	0

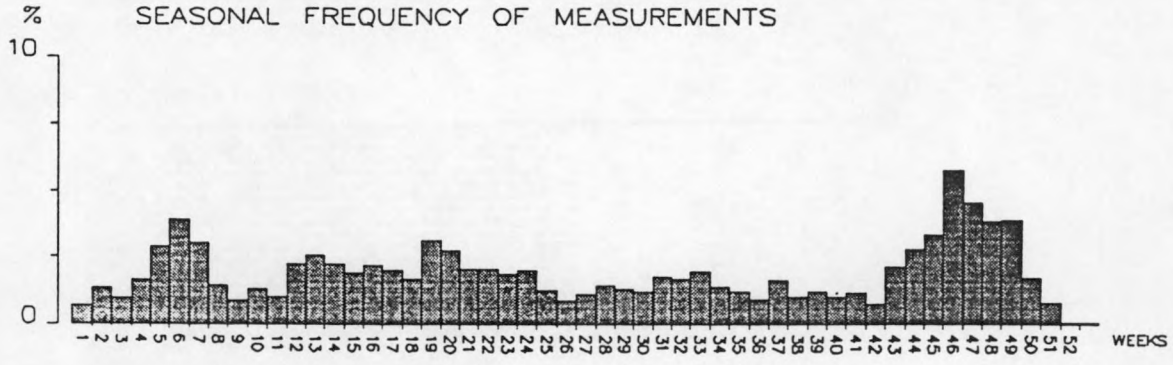


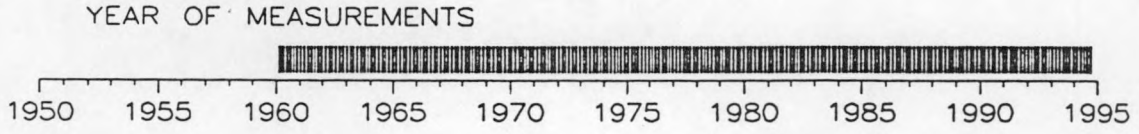
MINIMUM : 0.00
MAXIMUM : 67.82

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







97–06–16

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

MERGE : 7

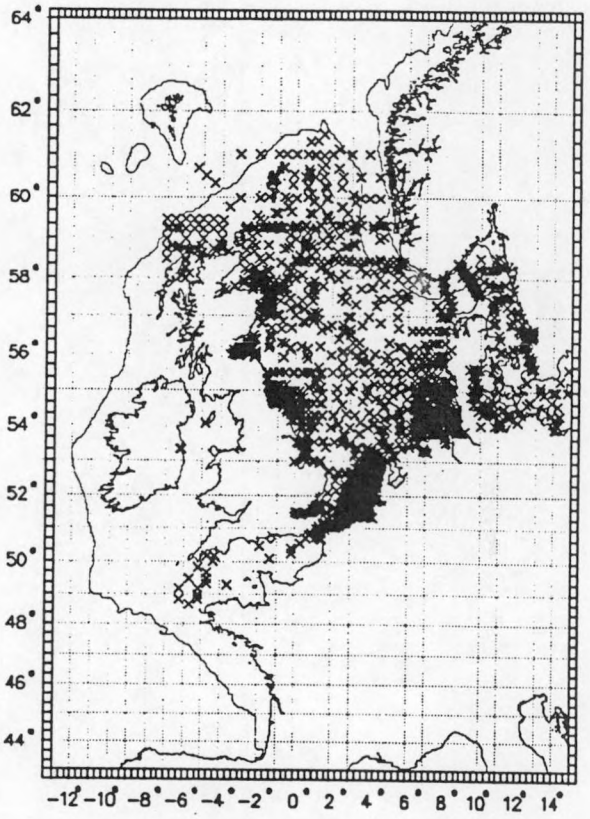
UNITS : MYMOL/L

NO. OF POSITIONS : 4465

NO. OF DATA : 96197

MINIMUM : 0.00

MAXIMUM : 756.78



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

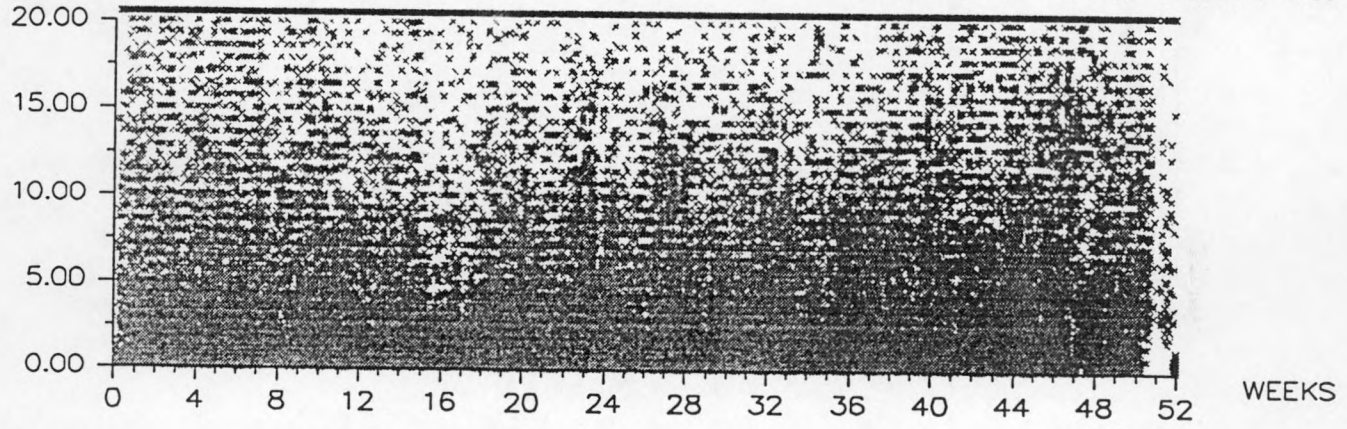
DEPTH–RANGE

UPPER : 0

LOWER : 2000

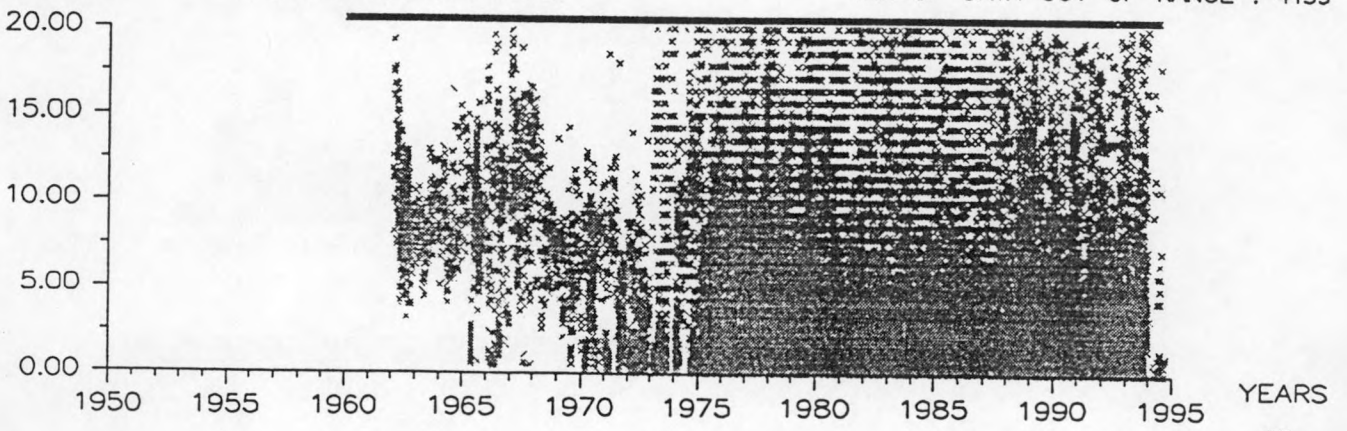
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 4159



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 4159



97–06–16

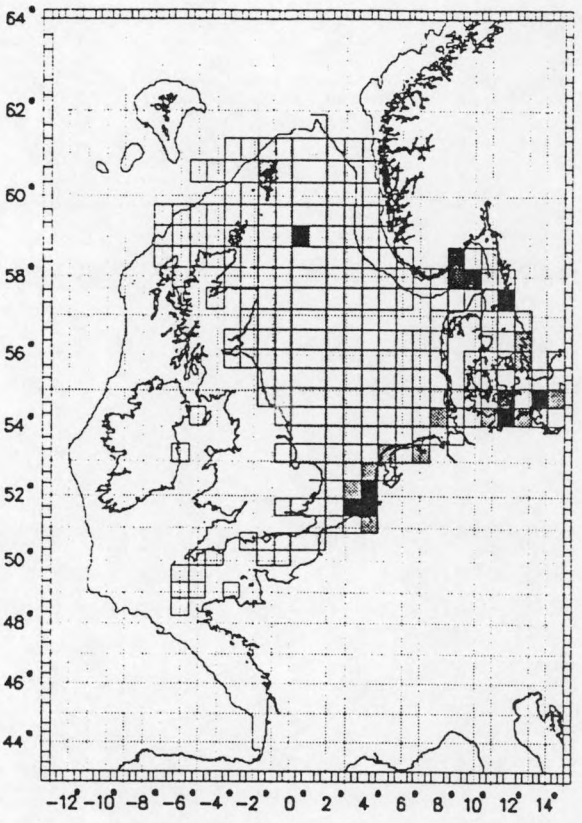
ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

MERGE : 7
UNITS : MYMOL/L
NO. OF DATA : 96197
NO. OF POSITIONS : 4465
NO. OF DATA/AREA :
(without longterm data series !)

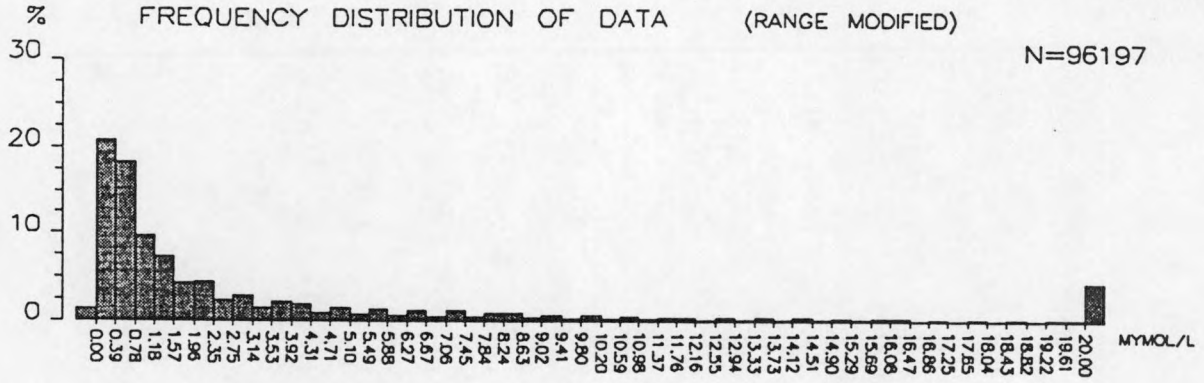
<	7725	<	3310
<	6621	<	2207
<	5517	<	1103
<	4414	=	0

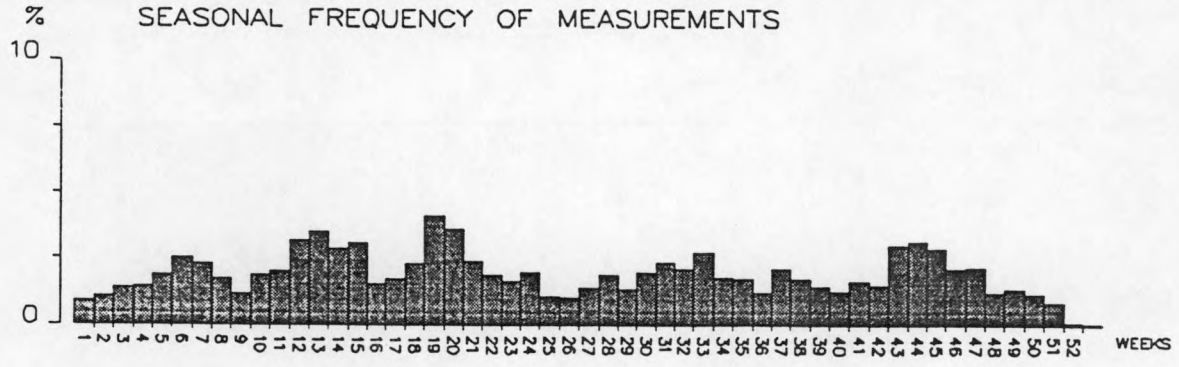


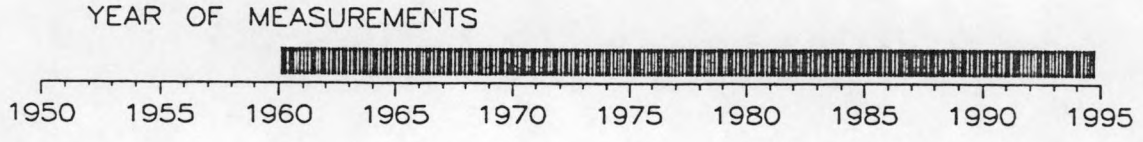
MINIMUM : 0.00
MAXIMUM : 756.78

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







97–06–16

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

MERGE : 6

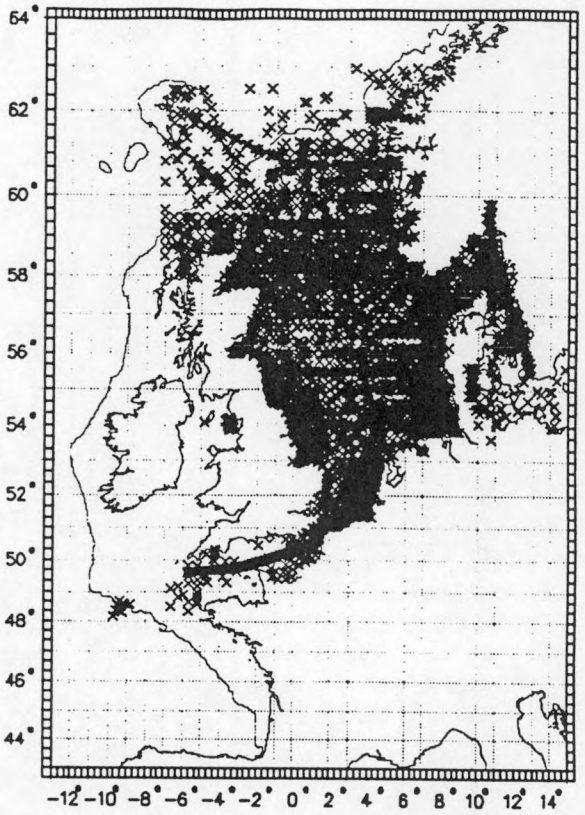
UNITS : MYMOL/L

NO. OF POSITIONS : 12181

NO. OF DATA : 140243

MINIMUM : 0.00

MAXIMUM : 416.58



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

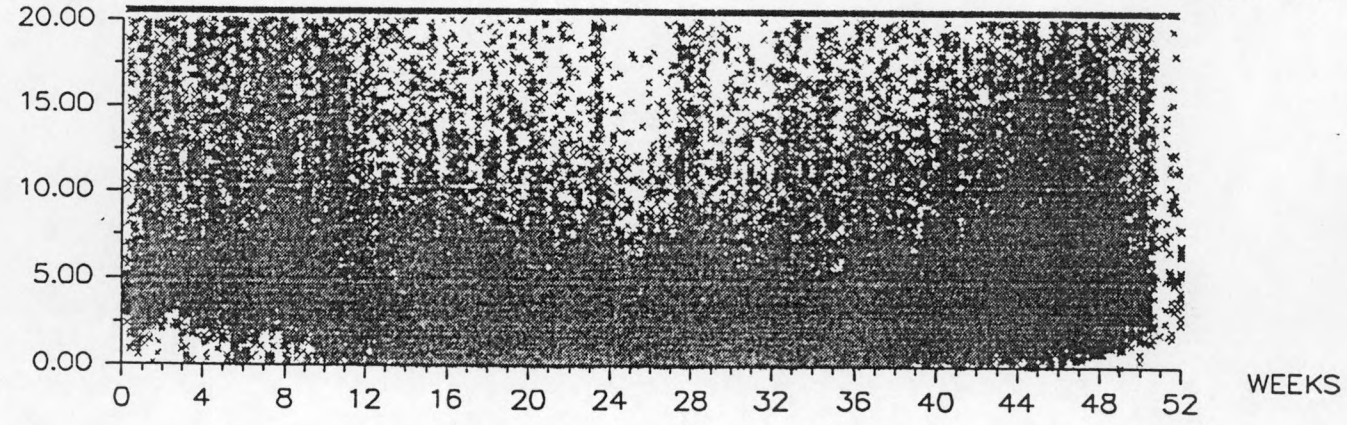
DEPTH–RANGE

UPPER : 0

LOWER : 2000

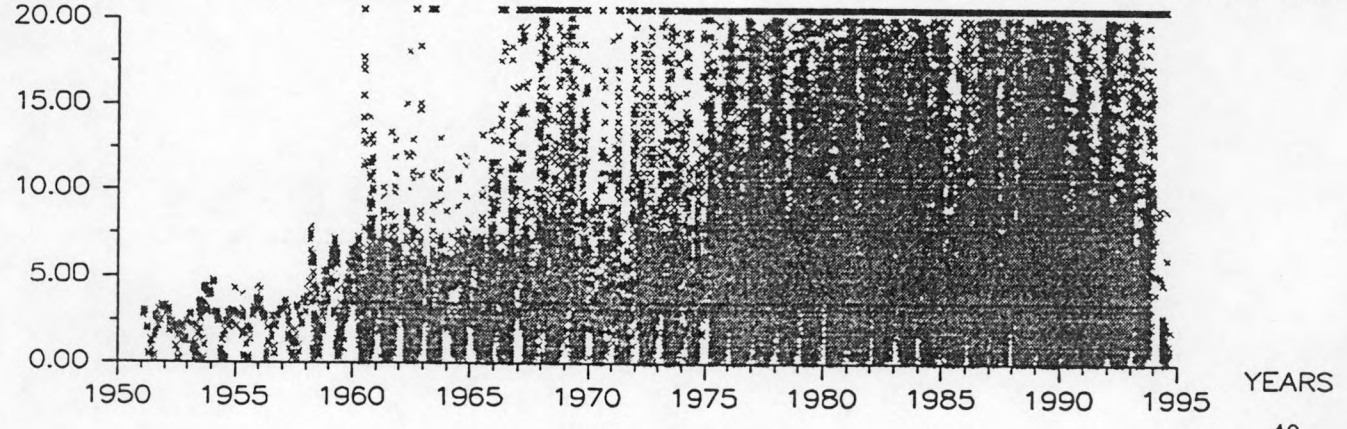
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 7058



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 7058



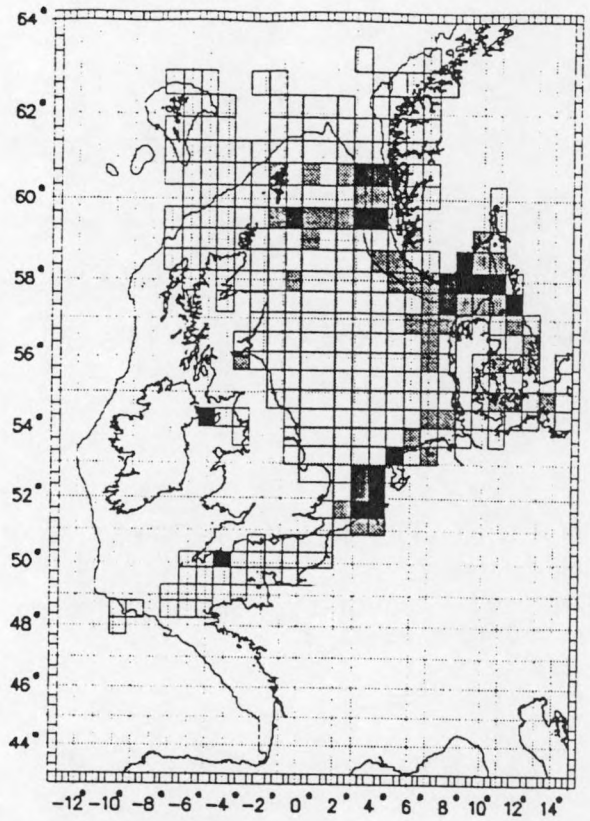
ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

MERGE : 6
UNITS : MYMOL/L
NO. OF DATA : 140243
NO. OF POSITIONS : 12181
NO. OF DATA/AREA :
(without longterm data series !)

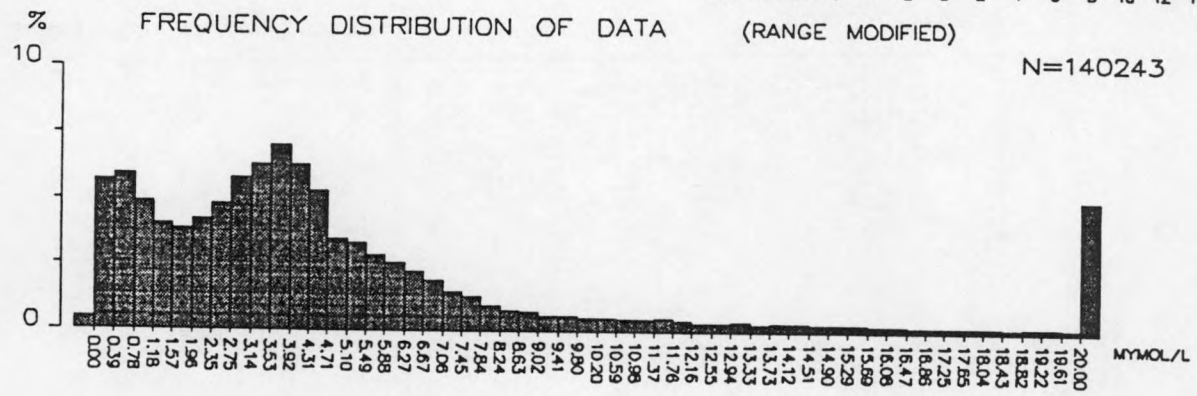
< 4179	< 1791
< 3582	< 1194
< 2985	< 597
< 2388	= 0

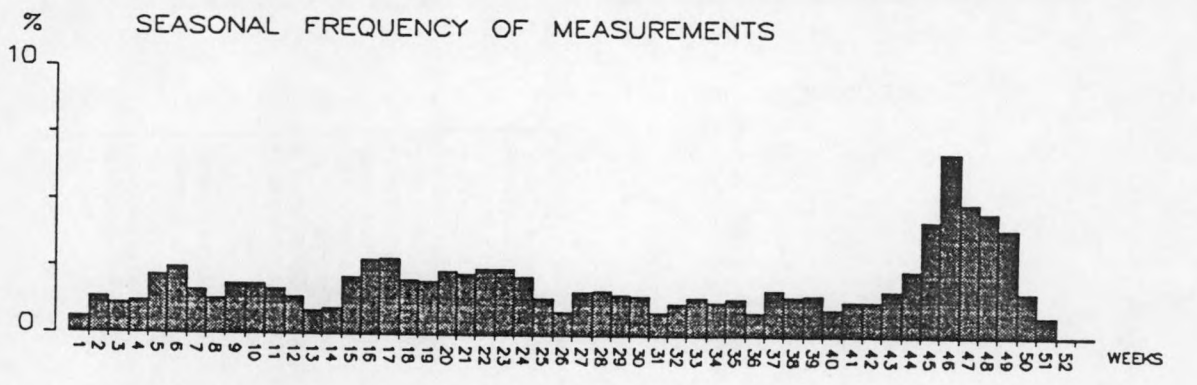


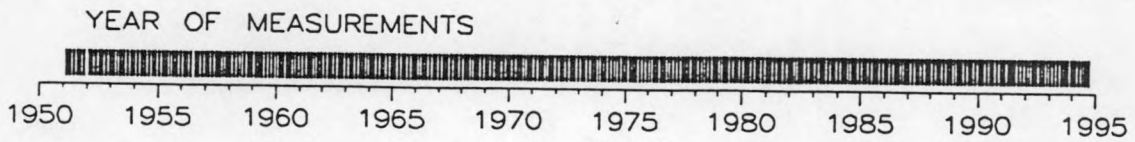
MINIMUM : 0.00
MAXIMUM : 416.58

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

MERGE : 37

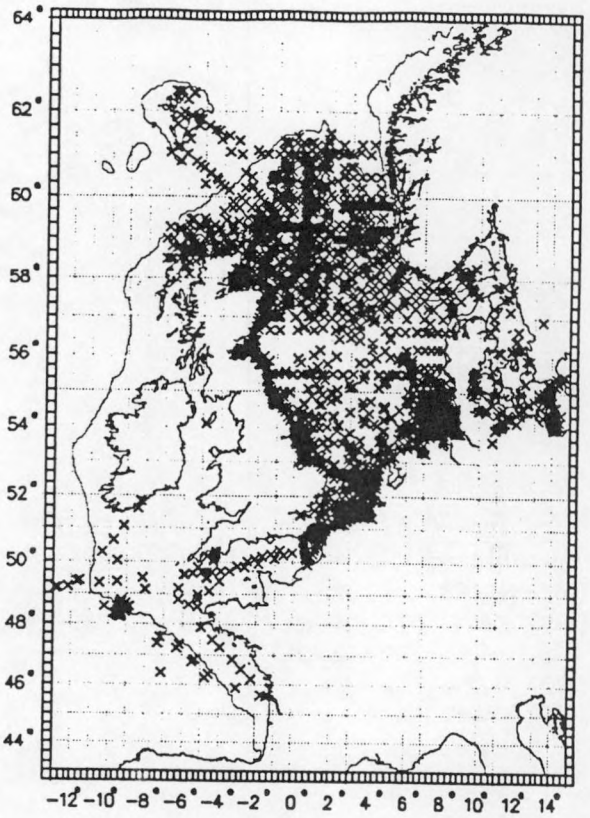
UNITS : MY G/L

NO. OF POSITIONS : 5410

NO. OF DATA : 178263

MINIMUM : 0.00

MAXIMUM : 119.60



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

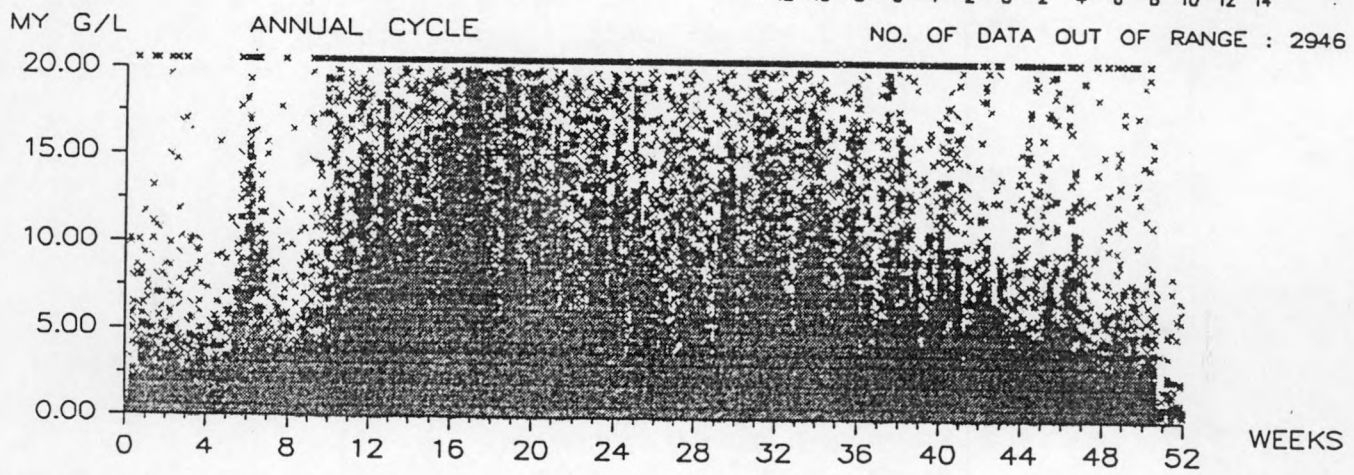
FIRST WEEK : 1

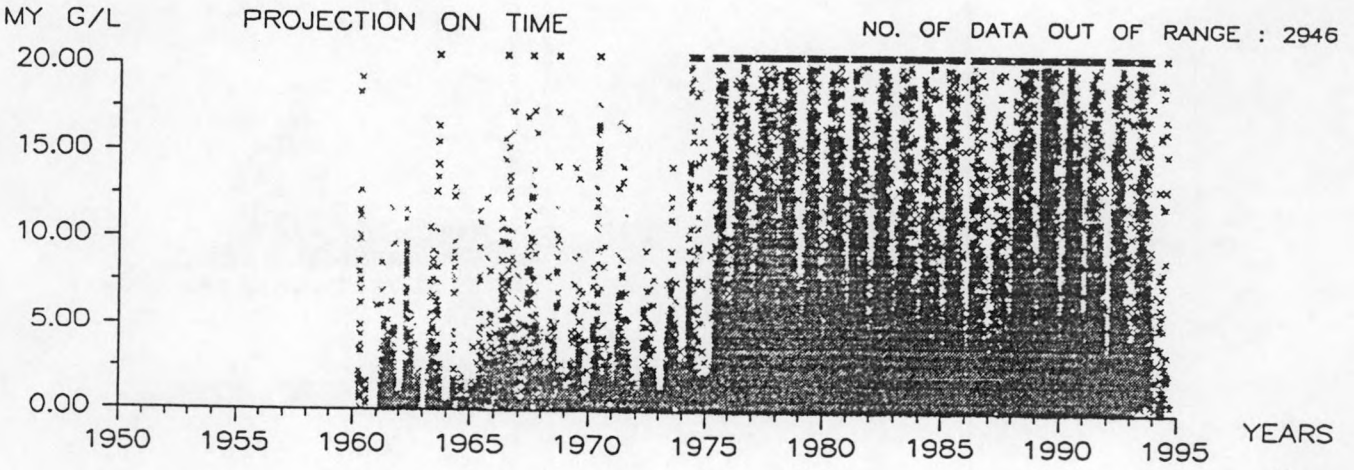
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





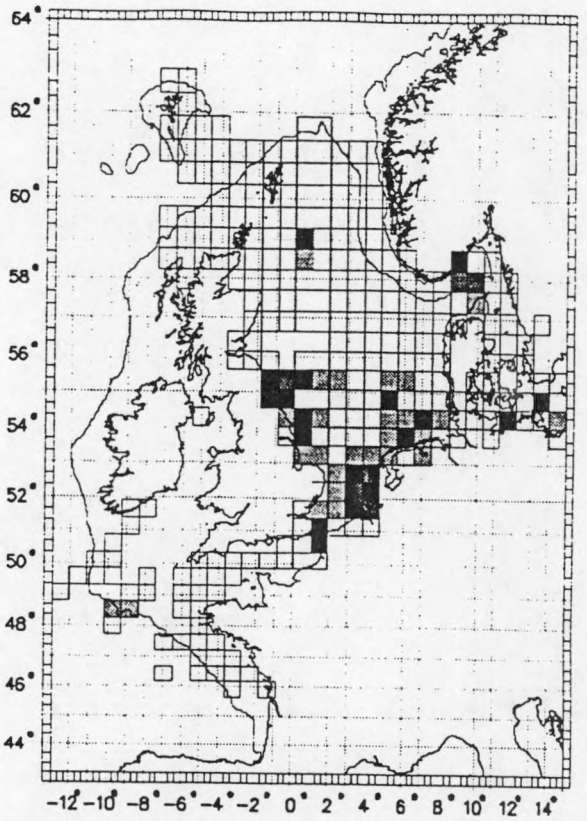
ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL—A

MERGE : 37
UNITS : MY G/L
NO. OF DATA : 178263
NO. OF POSITIONS : 5410
NO. OF DATA/AREA :
(without longterm data series !)

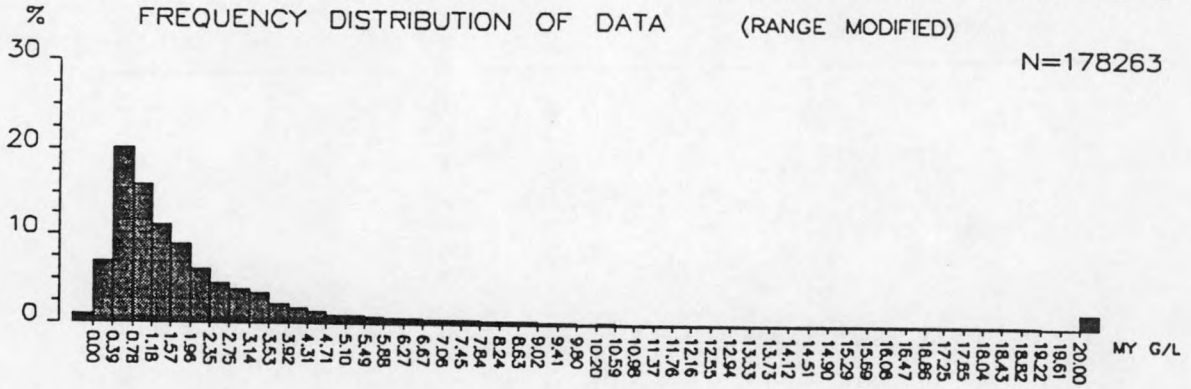
<	7593	<	3254
<	6508	<	2169
<	5423	<	1084
<	4338	=	0

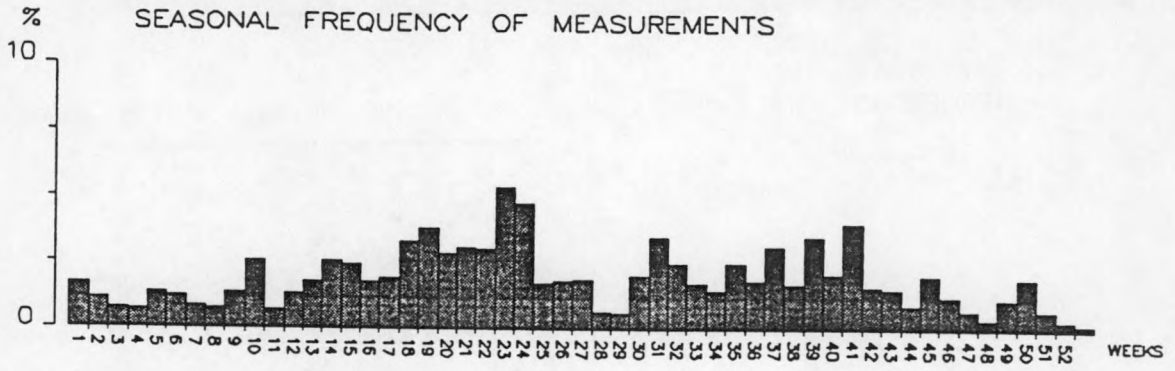


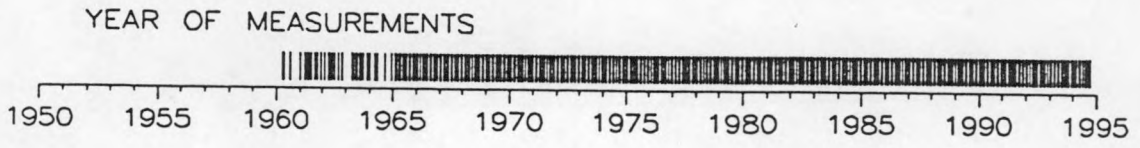
MINIMUM : 0.00
MAXIMUM : 119.60

MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

MERGE : 36

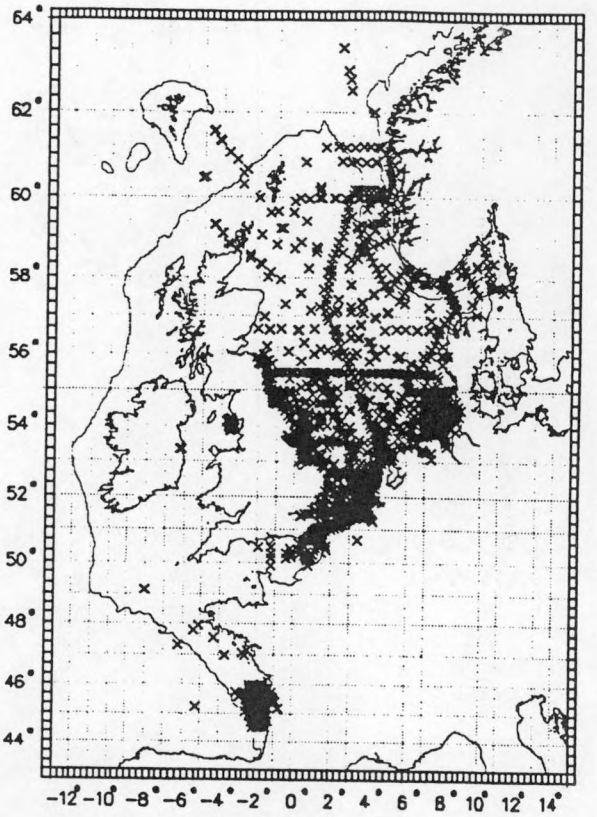
UNITS : MG/L

NO. OF POSITIONS : 4265

NO. OF DATA : 151083

MINIMUM : 0.00

MAXIMUM : 991.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

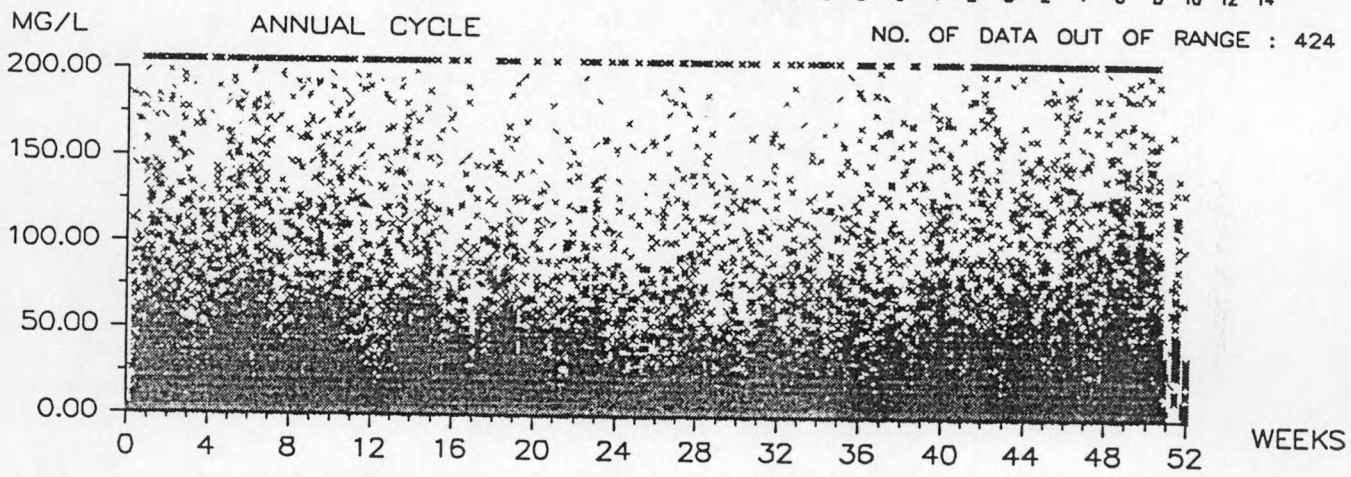
FIRST WEEK : 1

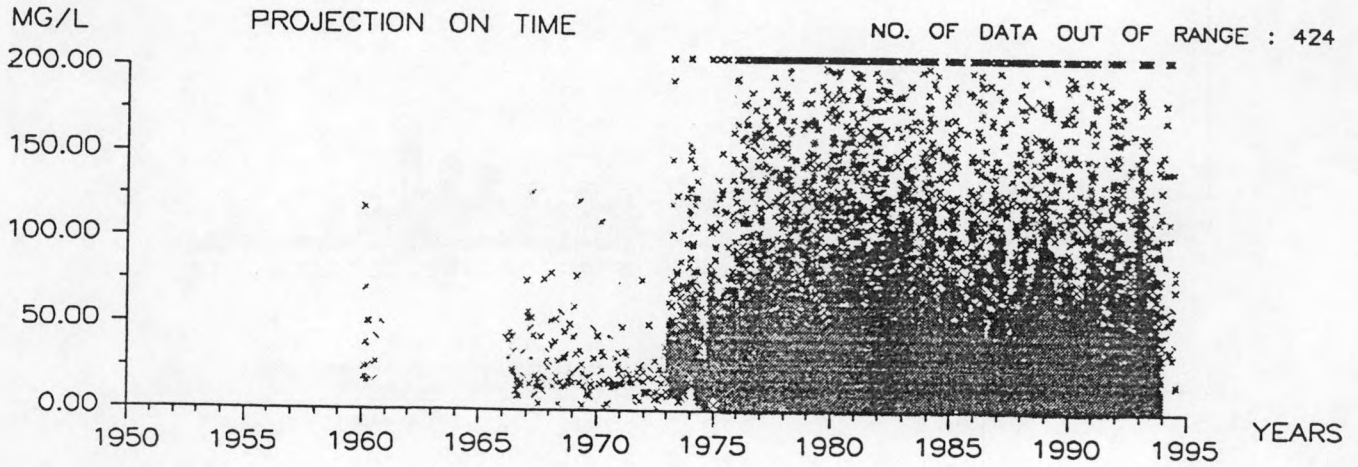
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





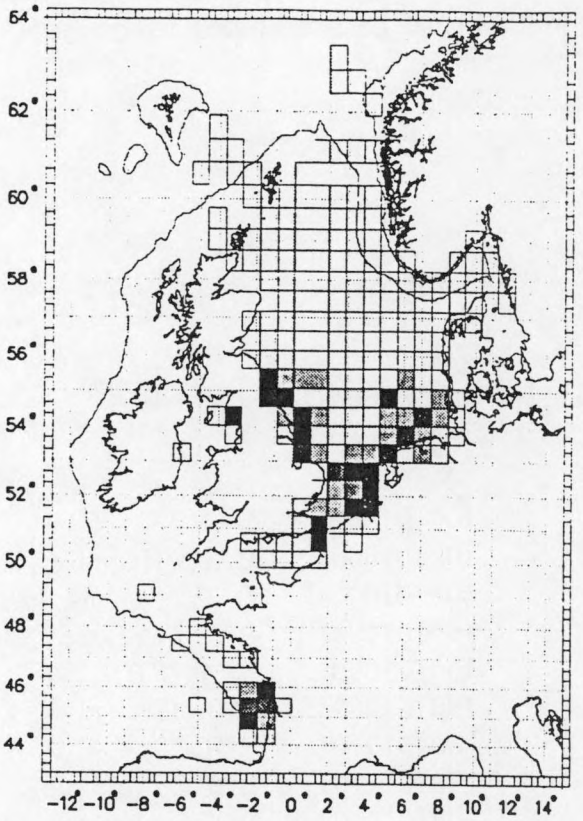
ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

MERGE : 36
UNITS : MG/L
NO. OF DATA : 151083
NO. OF POSITIONS : 4265
NO. OF DATA/AREA :
(without iongterm data series !)

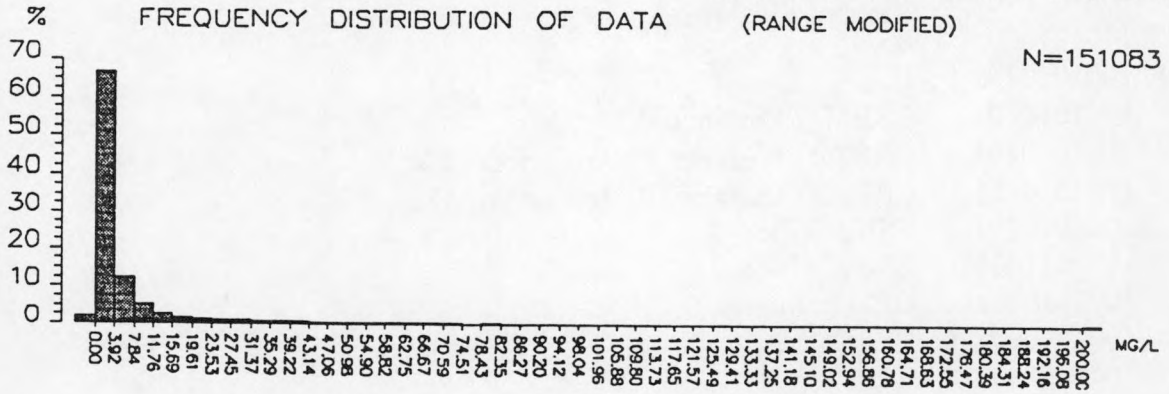
< 7247	< 3106
< 6212	< 2070
< 5177	< 1035
< 4141	= 0

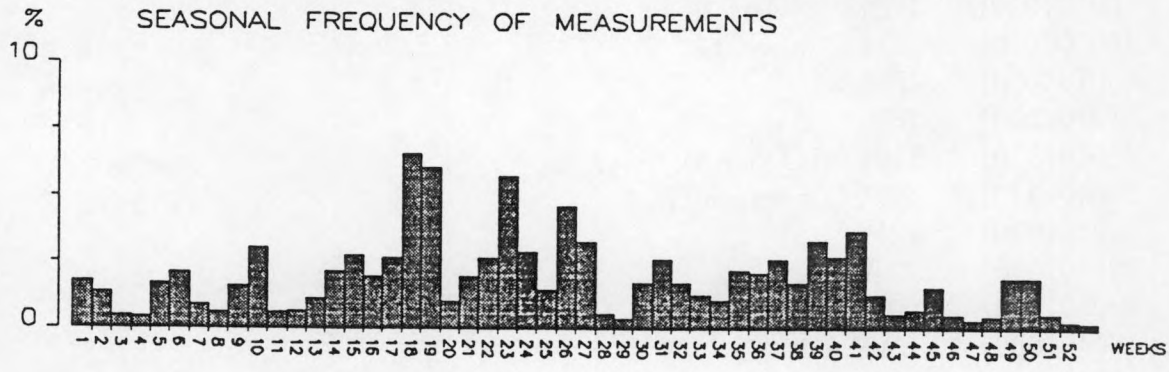


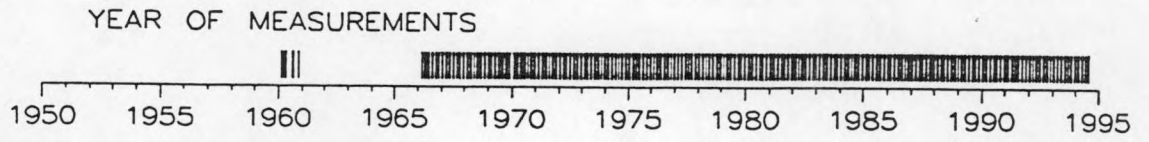
MINIMUM : 0.00
MAXIMUM : 991.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







97-06-14

6. Data Reports for the single data sets of the NOWESP Standard Parameters

The lists of the single data sets are ordered alphabetically according to the originator. Only a few small data sets have been omitted.

6.1 Temperature

PCODE	Originator	Number of data
1001010001	AWI	1286
1001010001	AWI	33
1001010001	BAH	2168
1001010001	BAH	17650
1001010001	BAH / Hagmeier, E., Treutner, K., Gillbricht, M.	354
1001010001	BAH / Mangelsdorf, P., Harms, E.	184
1001010001	BAH / Crews of Ellenbogen and Aade	223
1001010001	BFA_IKB	1508
1001010001	BFA_IS	22087
1001010101	BODC	14081
1001012901	BODC / Lowry, R.	2965
1001010101	BODC / Lowry, R.	135282
1001010001	BSH	34829
1001010101	BSH	525
1001010101	CRESO / Castaing, P.	8204
1001010101	CRESO / Castaing, P., Froidefond, J.M.	2797
1001010101	CRESO / Castaing, P., Jouanneau, J.M.	15389
1001010201	ESU / Wilson, J.	37
1001011001	ESU / Wilson, J.	253
1001010201	GPI / Lammers, S.	430
1001010001	HELCOM	15948
1001010001	ICES	34334
1001010201	IFBM / Pegler, K.	306
1001010101	IFM / Radach, G.	3874
1001010001	IFM_KI	6562
1001010001	IHF	933
1001013101	IMR / Hageboe M., Foyn, L.	42907
1001013101	IMR / Danielssen, D. S.	15154
1001010001	IOW	24195
1001010101	IOW	4392
1001010201	IOW	225
1001010001	LWK_KI	1182
1001012101	MBA / Southward, A.J.	4697
1001013301	MUMM	38917
1001012401	MUMM / Pollentier, A.	3088

1001010601	MUMM_O	2074
1001010201	NIOZ / Cadee, G.C.	178
1001010101	NIOZ / Van Raaphorst, W.	53
1001010001	NLW_HI	324
1001010001	NOD	21521
1001011601	PEML / Slinn, D.J. Allen, J.R.	6059
1001010701	RWS / Laane, R.	8320
1001010001	RWS / Laane, R.	14060
1001010701	RWS-RIZA	469
1001010001	RWS-RIZA	1286

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : AWIFM

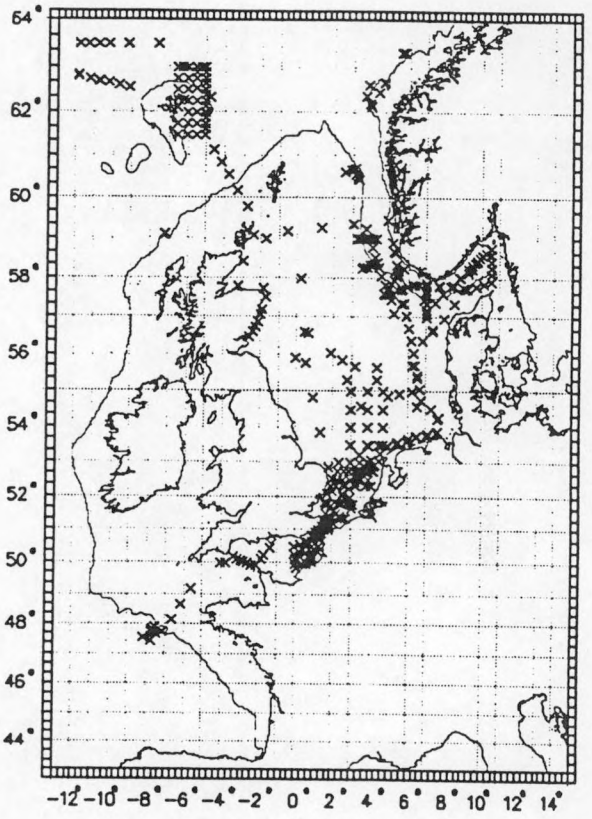
UNITS : GRD C

NO. OF POSITIONS : 397

NO. OF DATA : 1286

MINIMUM : −0.59

MAXIMUM : 17.61



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

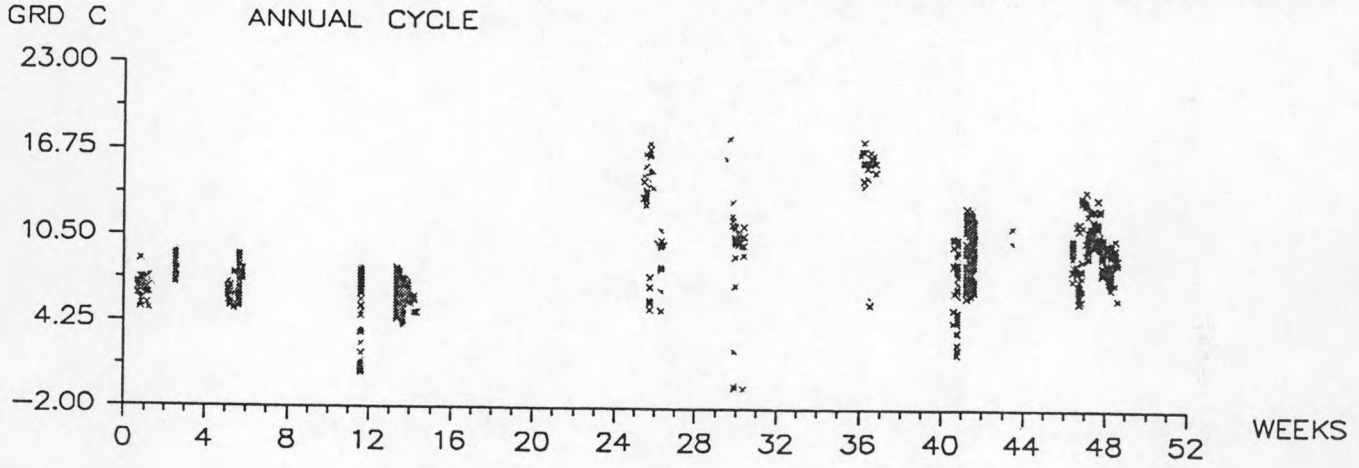
FIRST WEEK : 1

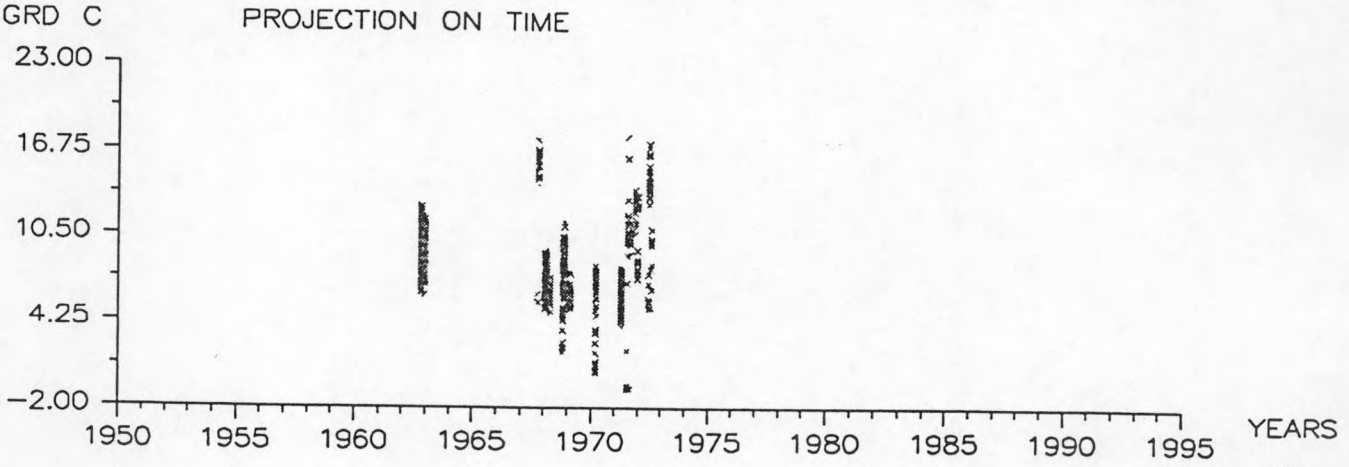
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



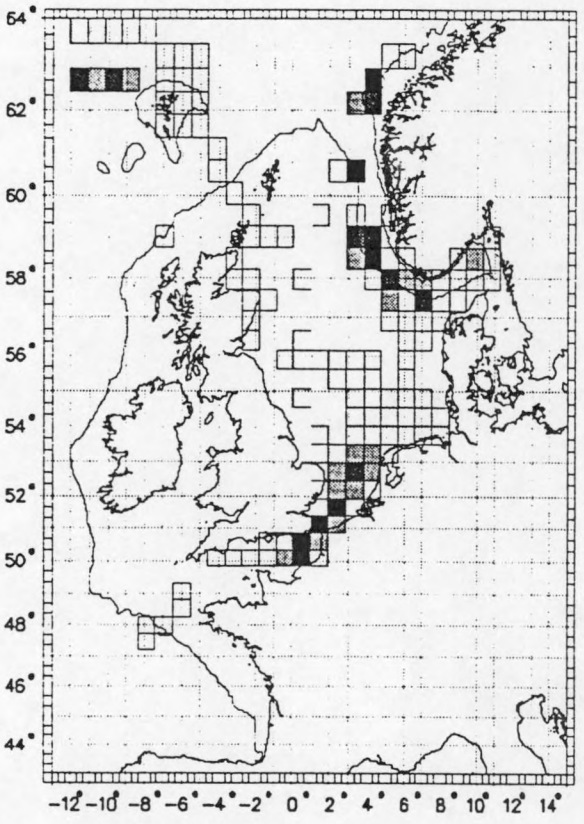


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : AWIFM
UNITS : GRD C
NO. OF DATA : 1286
NO. OF POSITIONS : 397



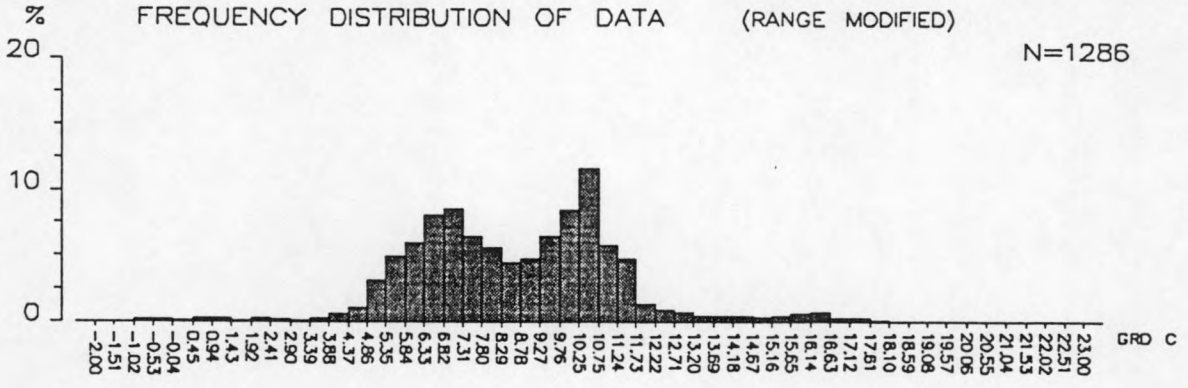
NO. OF DATA/AREA :
(without longterm data series !)

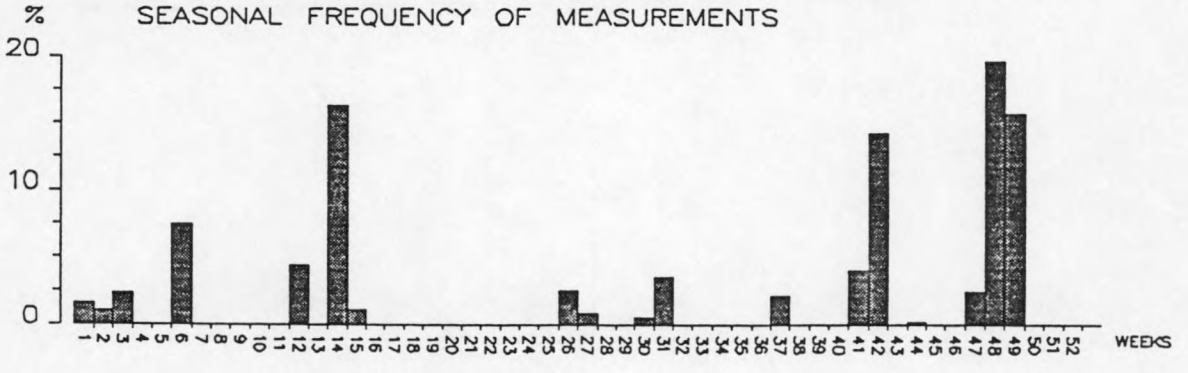
<	89	<	38
<	76	<	25
<	63	=	12
<	50	=	0

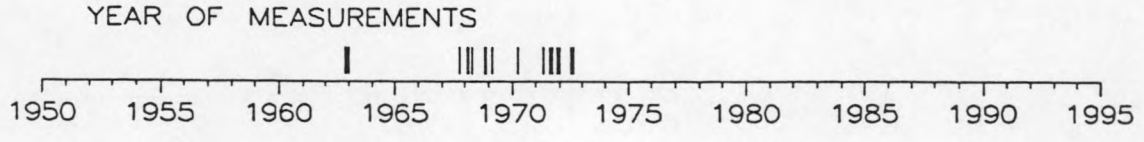
MINIMUM : −0.59
MAXIMUM : 17.61

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : AWIPM

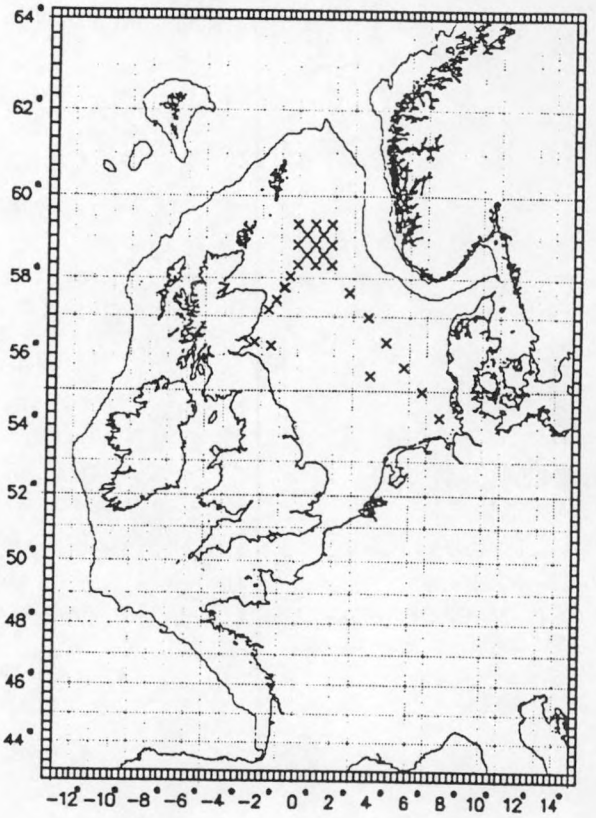
UNITS : GRD C

NO. OF POSITIONS : 27

NO. OF DATA : 33

MINIMUM : 7.93

MAXIMUM : 14.25



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

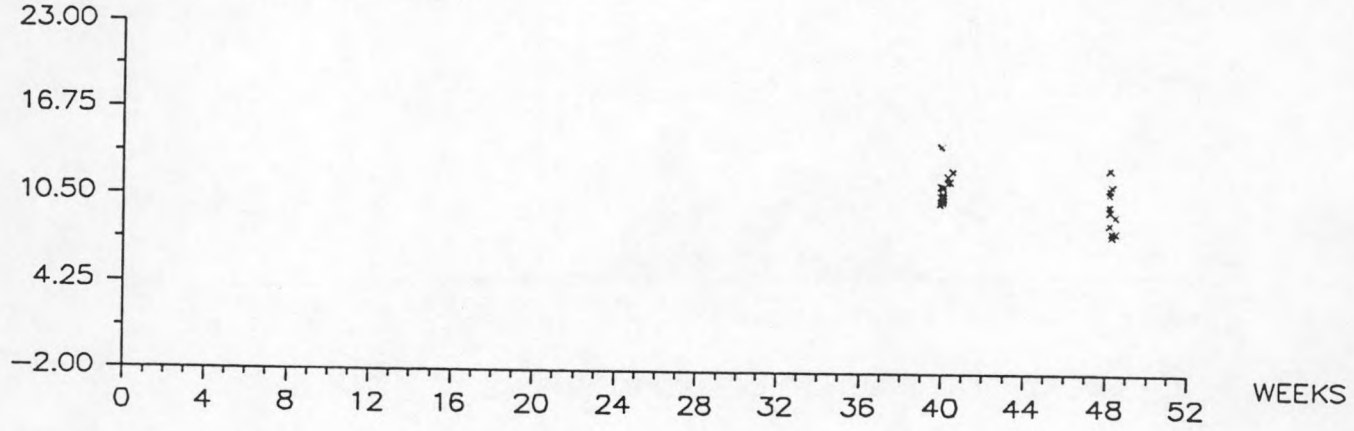
LAST WEEK : 53

DEPTH–RANGE

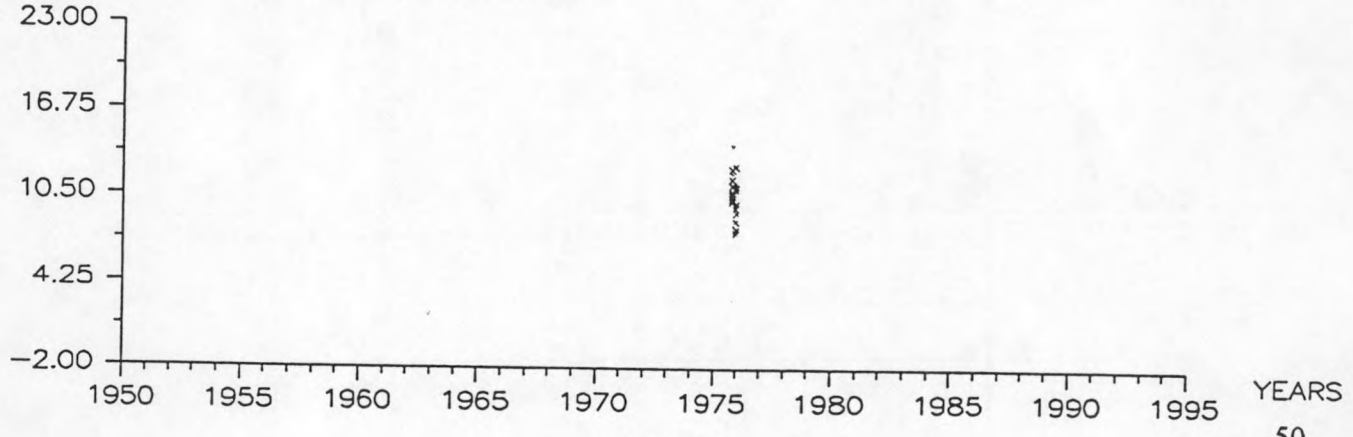
UPPER : 0

LOWER : 2000

GRD C ANNUAL CYCLE



GRD C PROJECTION ON TIME

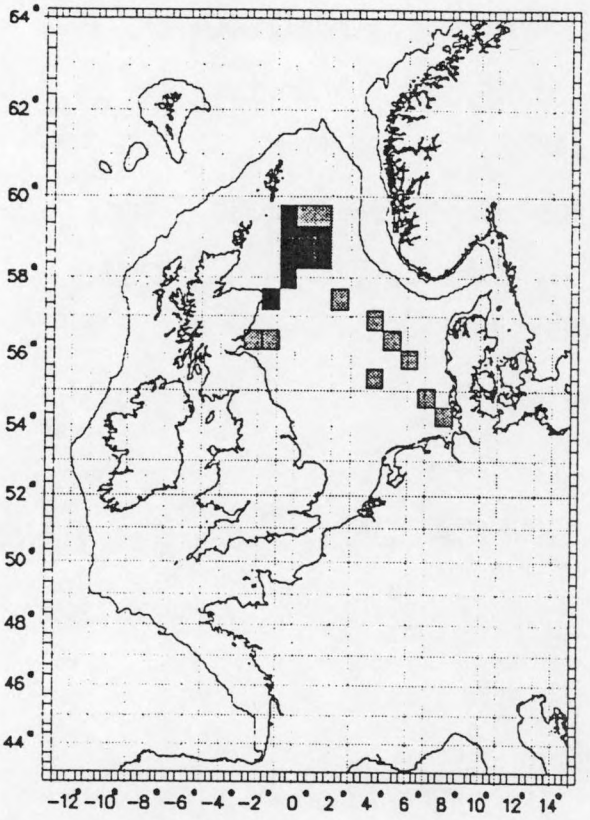


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : AWIPM
UNITS : GRD C
NO. OF DATA : 33
NO. OF POSITIONS : 27



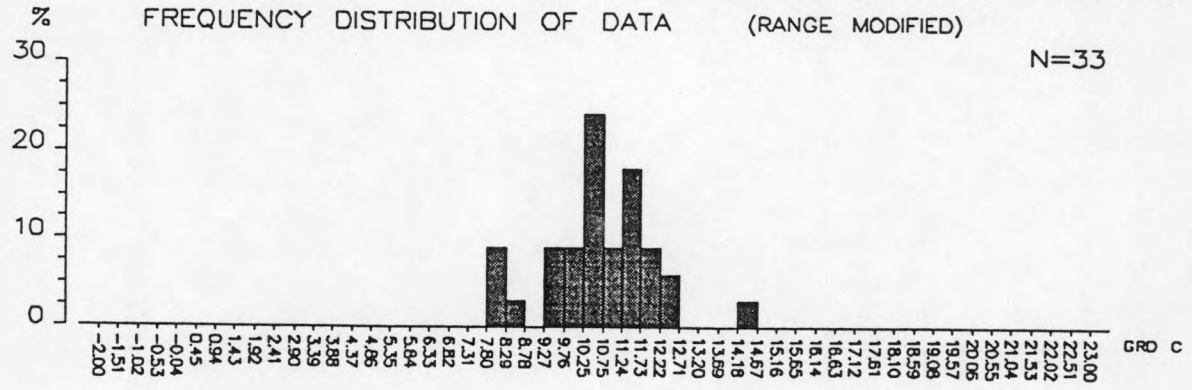
NO. OF DATA/AREA :
(without longterm data series !)

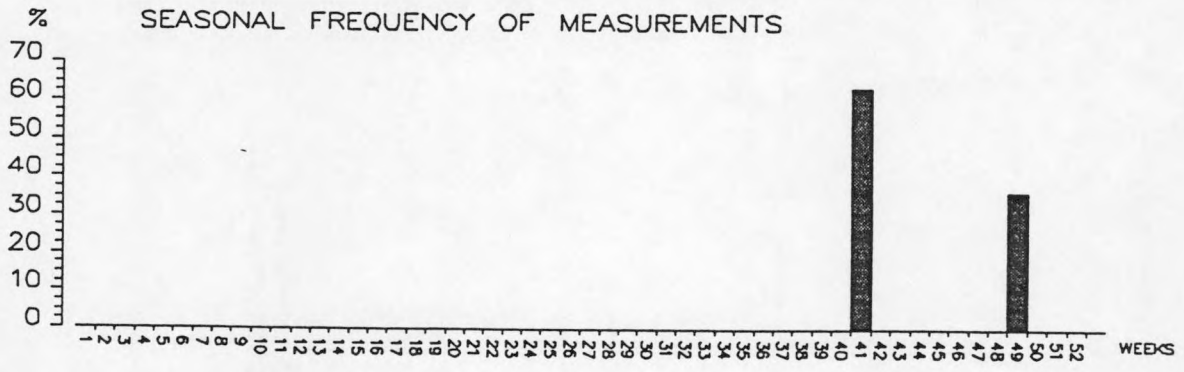


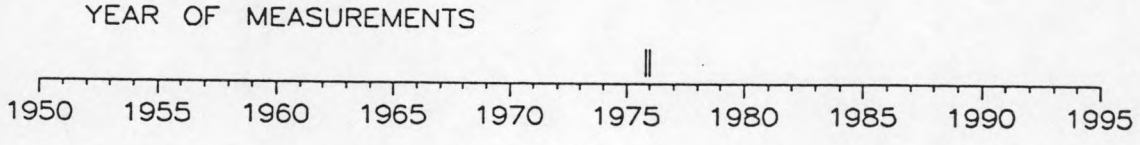
MINIMUM : 7.93
MAXIMUM : 14.25

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : BAHHH

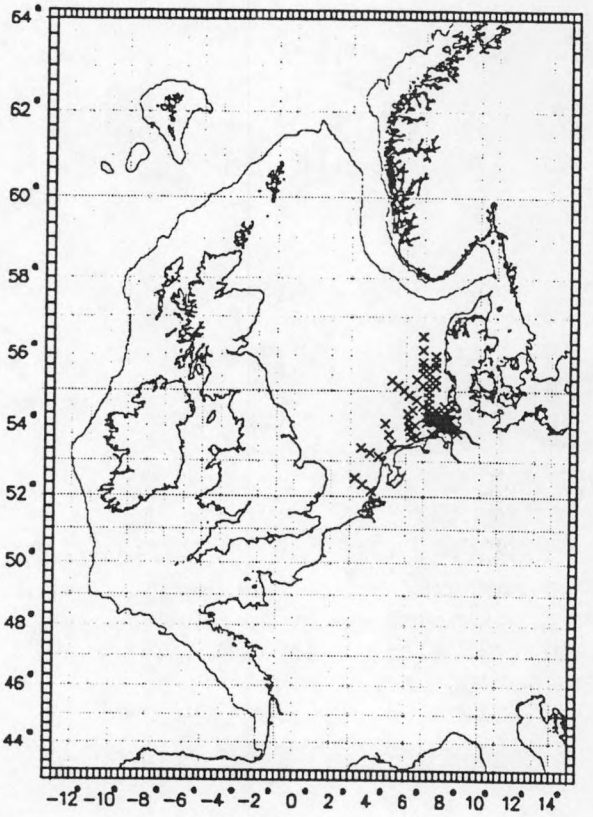
UNITS : GRD C

NO. OF POSITIONS : 100

NO. OF DATA : 2168

MINIMUM : −1.56

MAXIMUM : 20.06



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

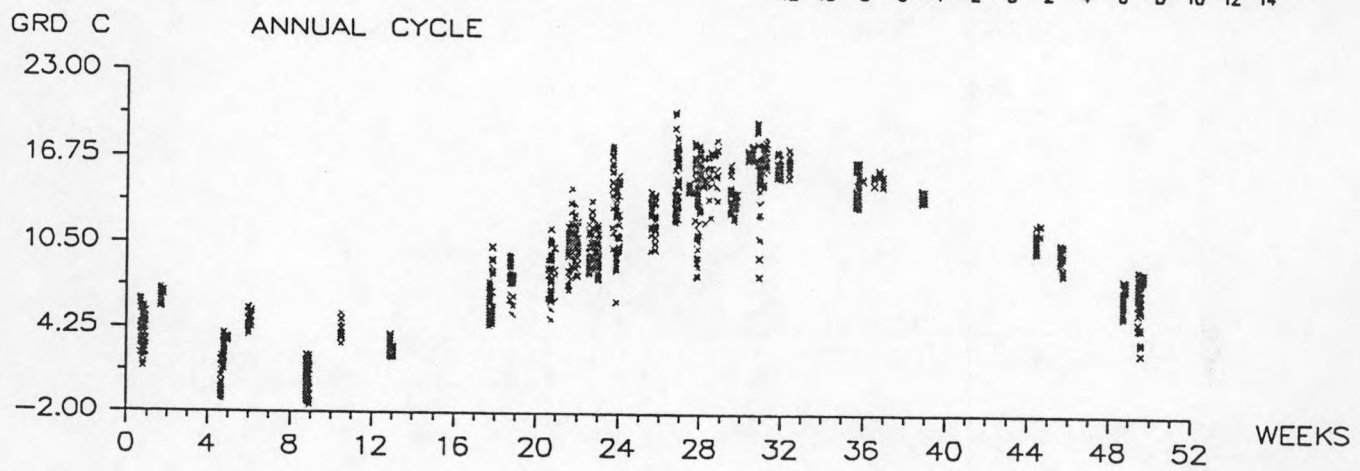
FIRST WEEK : 1

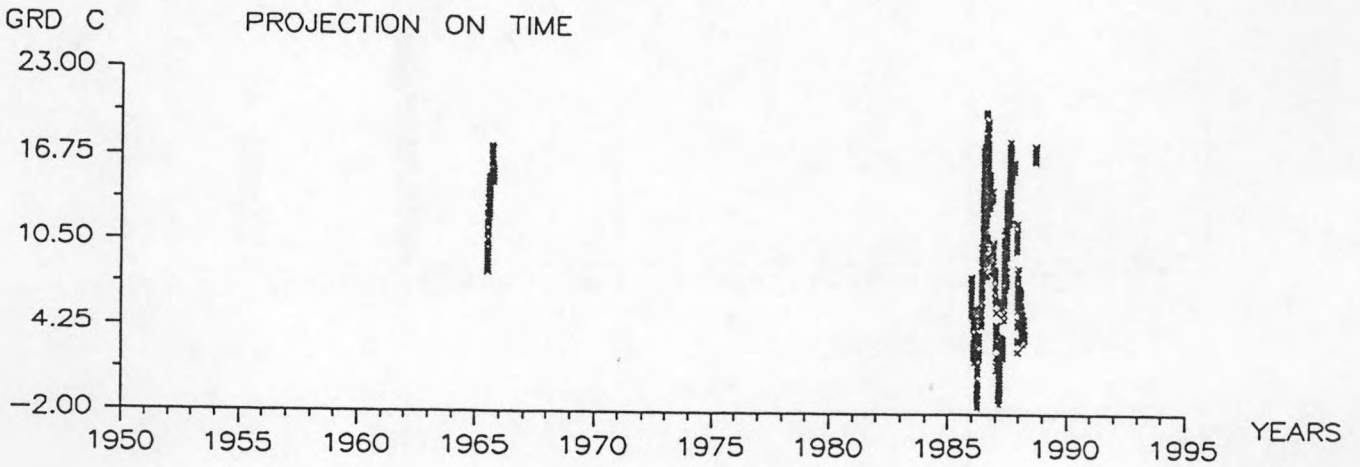
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



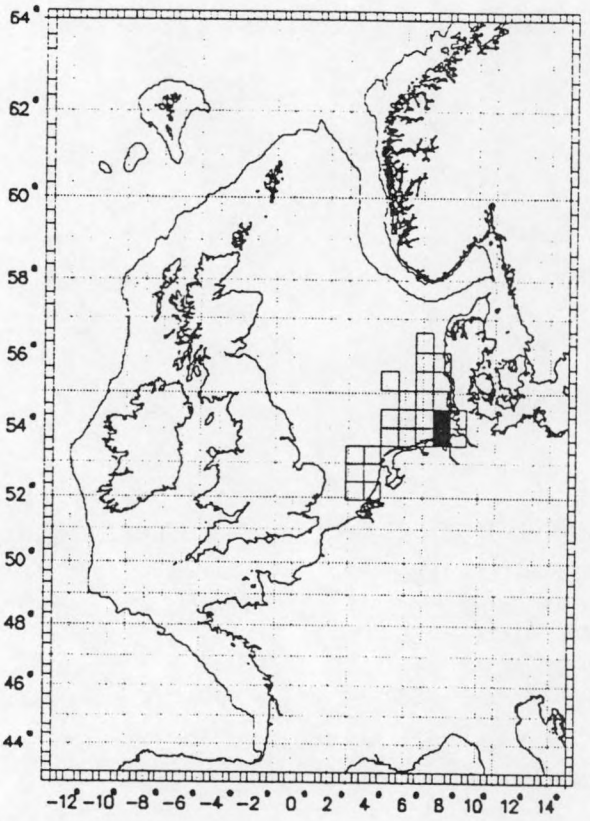


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : BAHHH
UNITS : GRD C
NO. OF DATA : 2168
NO. OF POSITIONS : 100



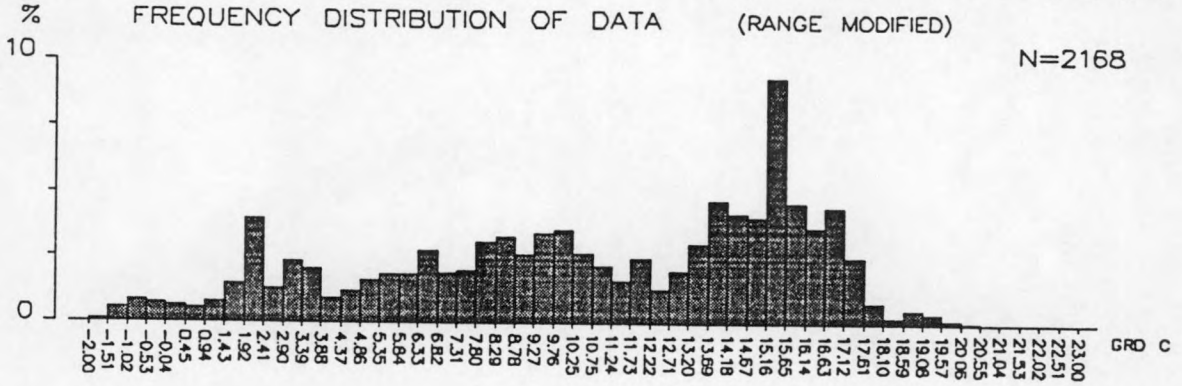
NO. OF DATA/AREA :
(without longterm data series !)

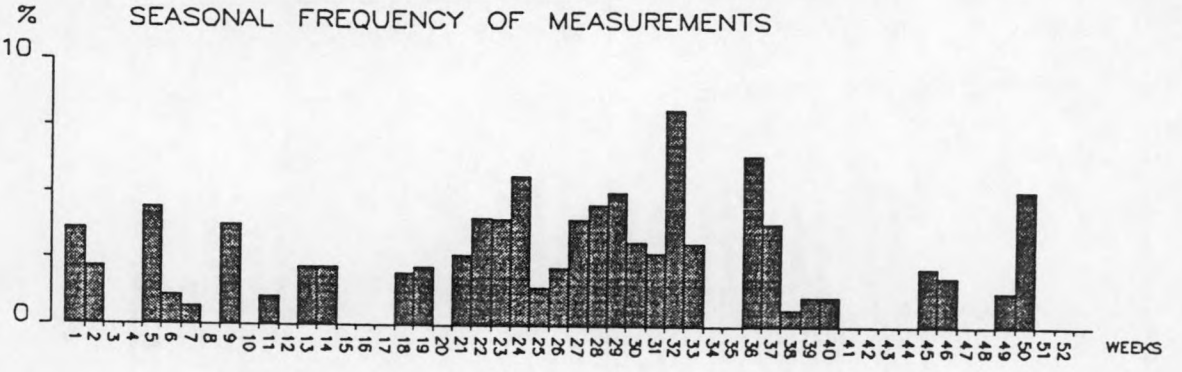
< 960	< 411
< 822	< 274
< 685	< 137
< 548	= 0

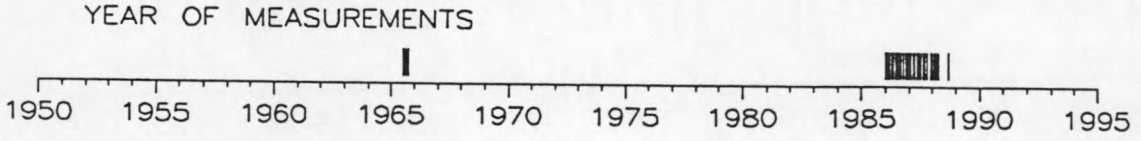
MINIMUM : −1.56
MAXIMUM : 20.06

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000





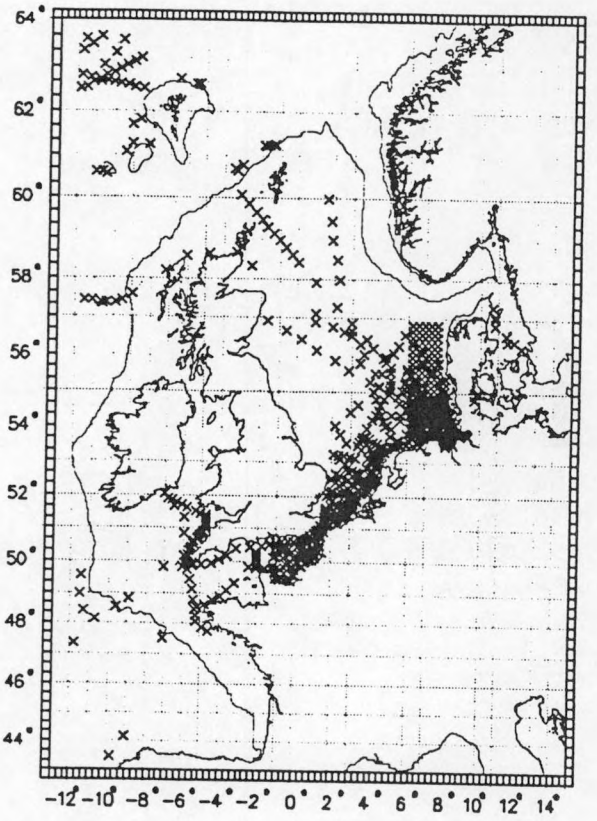


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

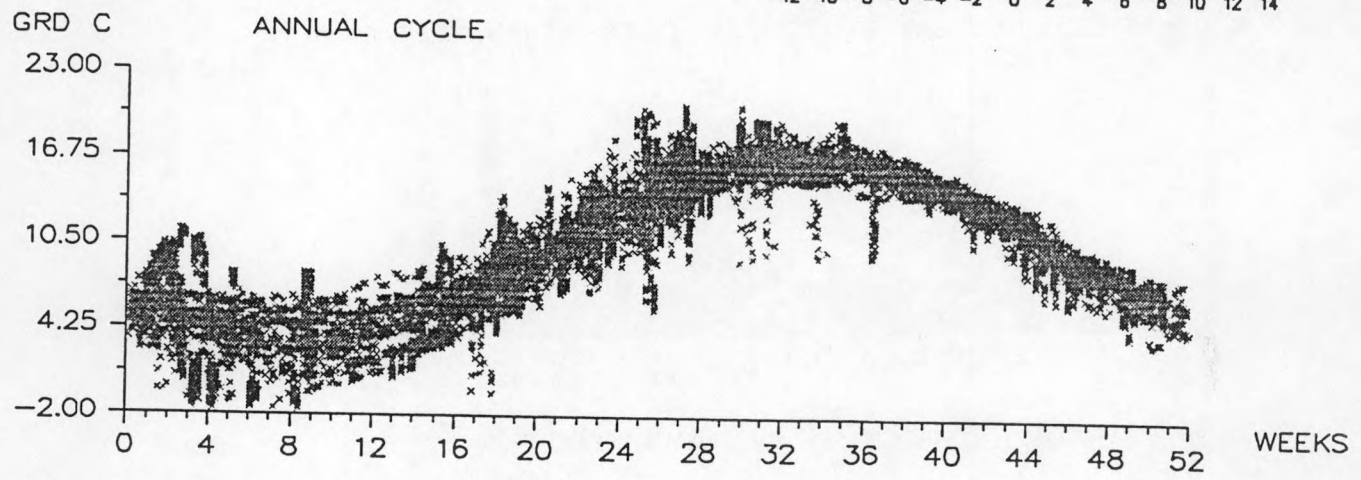
TEMPERATURE

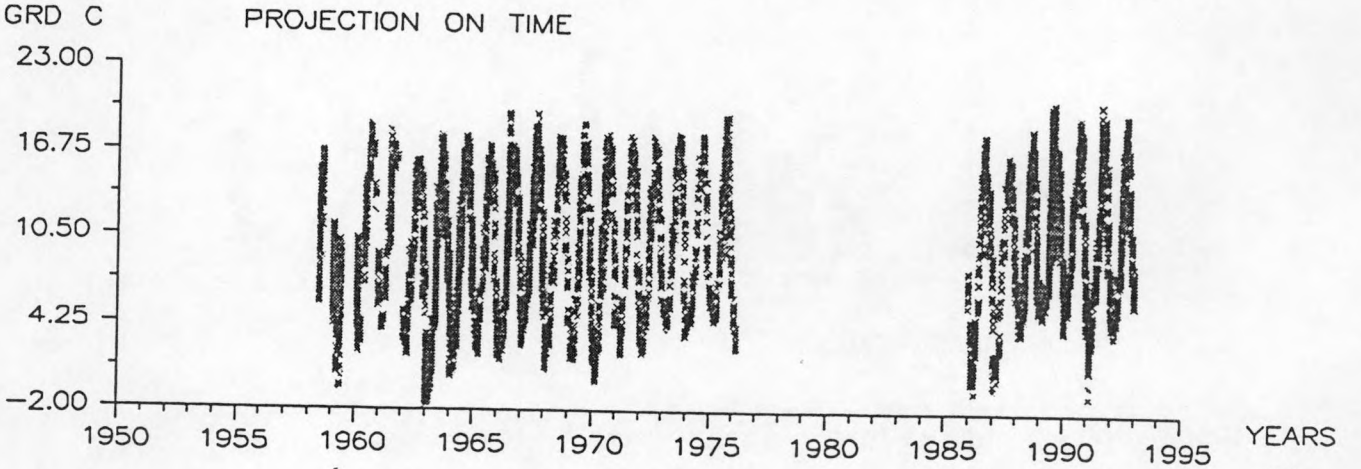
PCODE : 1001010001
ENAME : BAH
UNITS : GRD C
NO. OF POSITIONS : 1046
NO. OF DATA : 17650
MINIMUM : −1.72
MAXIMUM : 20.50



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



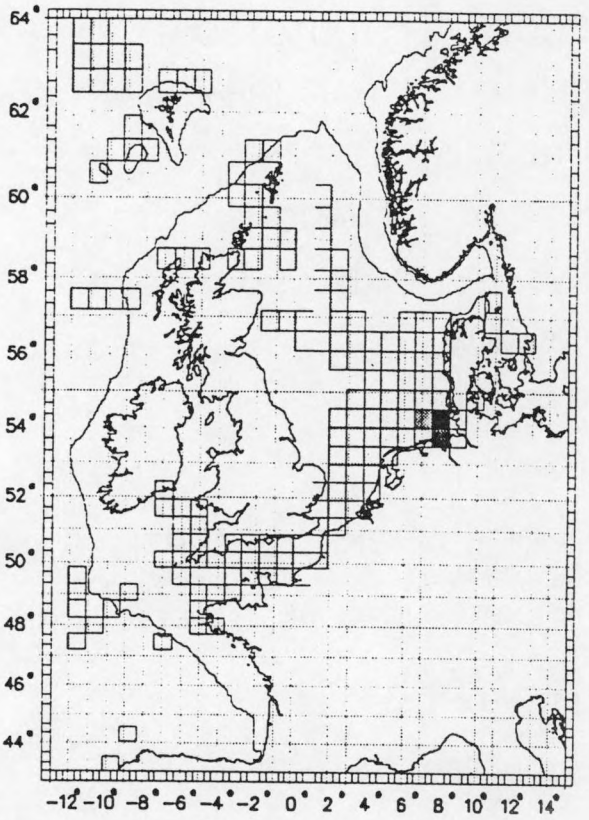


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : BAH
UNITS : GRD C
NO. OF DATA : 17650
NO. OF POSITIONS : 1046



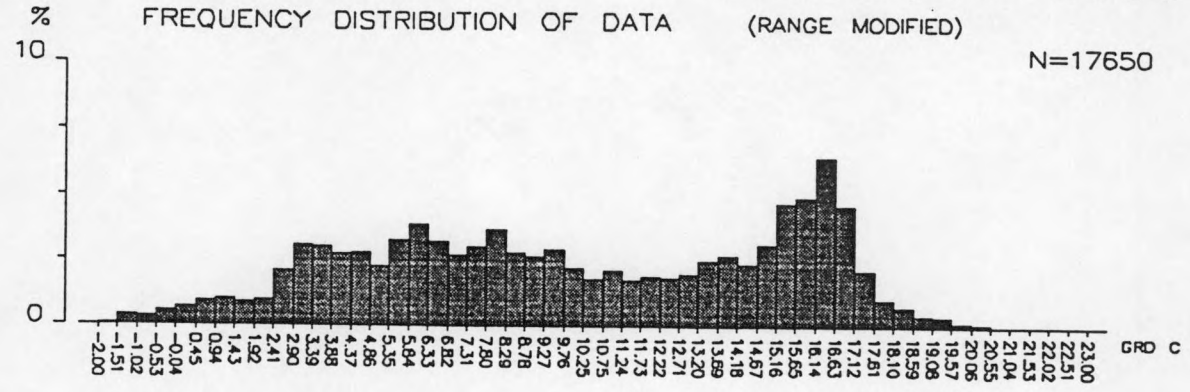
NO. OF DATA/AREA :
(without longterm data series !)

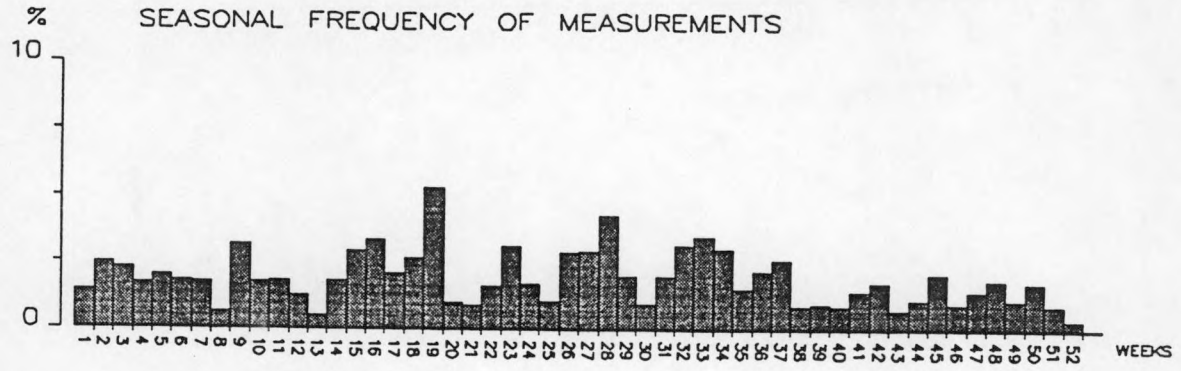
< 6027	< 2583
< 5166	< 1722
< 4305	< 861
< 3444	= 0

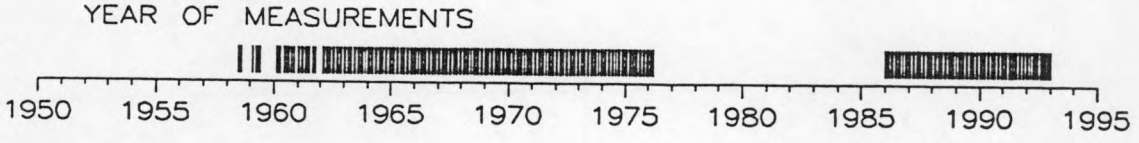
MINIMUM : −1.72
MAXIMUM : 20.50

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







96−11−15

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : BAH/Hagmeier, Treutner.

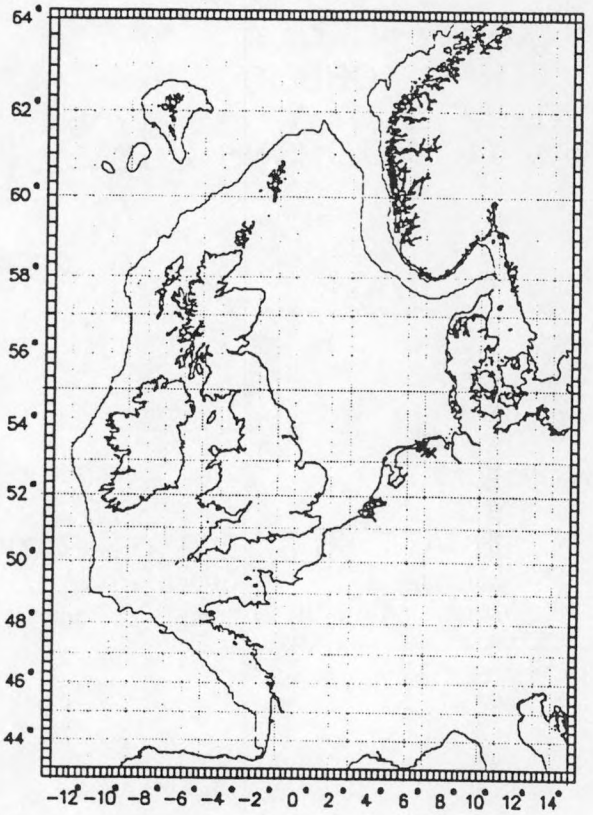
UNITS : GRD C

NO. OF POSITIONS : 13

NO. OF DATA : 354

MINIMUM : −1.80

MAXIMUM : 21.40

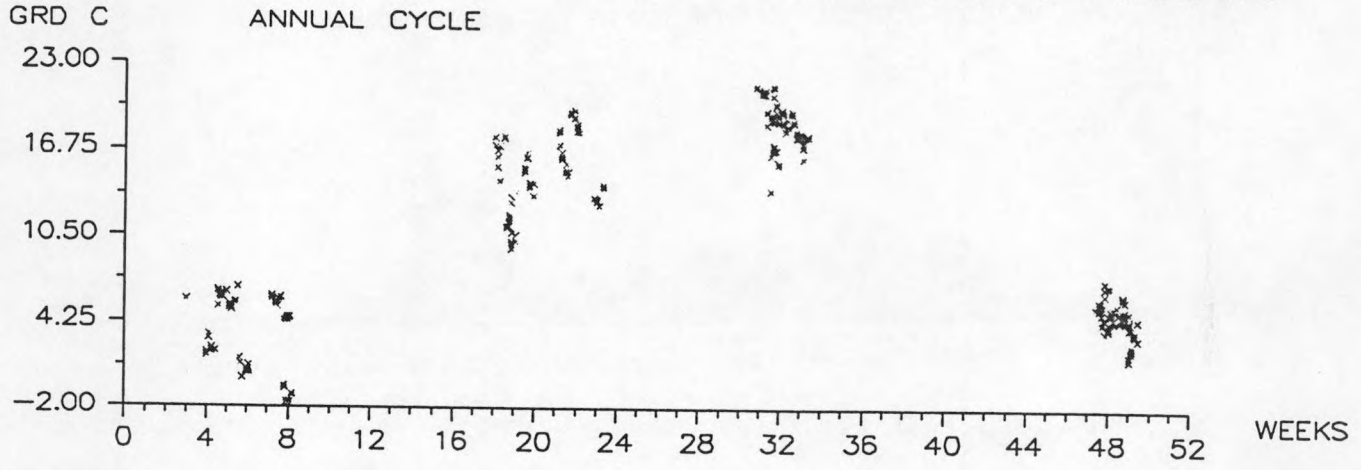


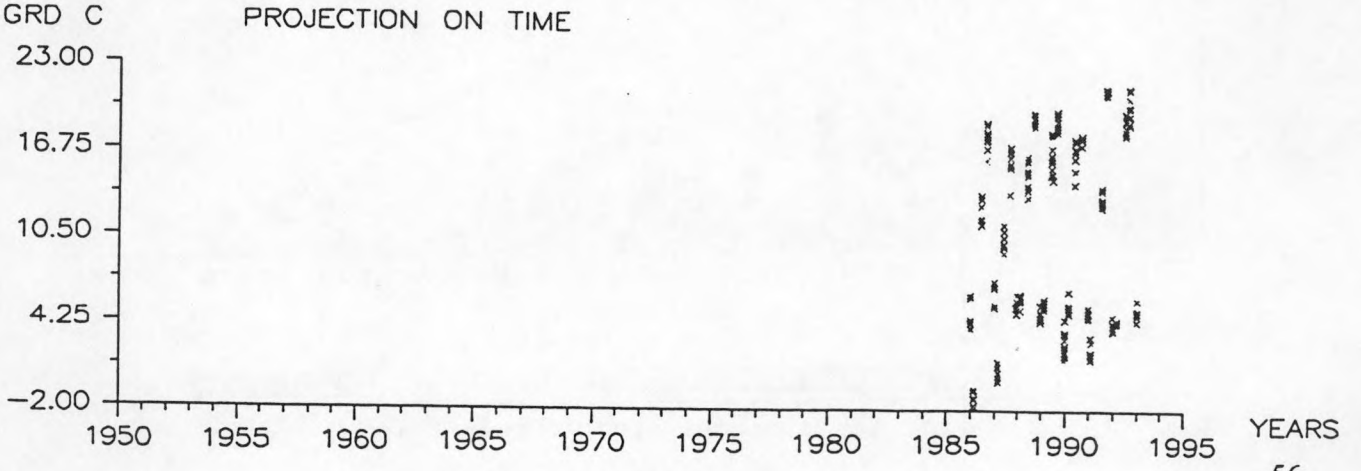
MODIFICATIONS

TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0
LOWER : 2000



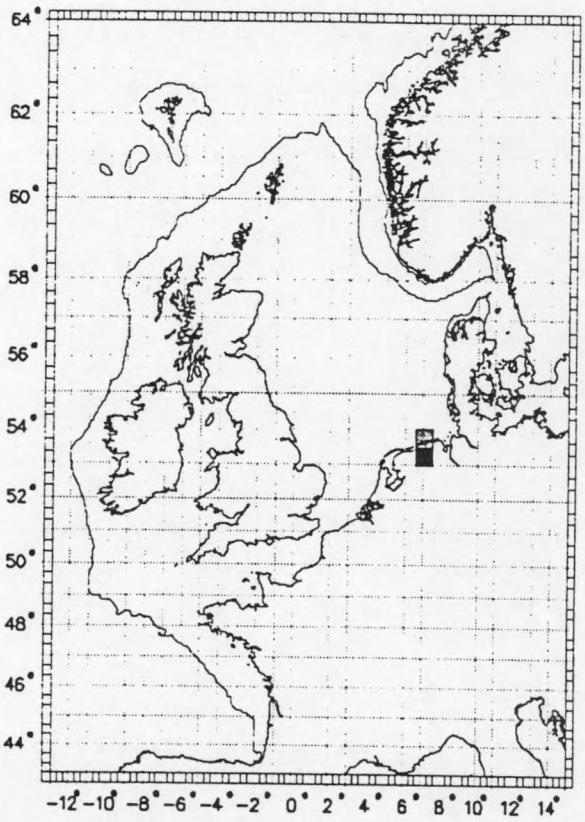


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : BAH/Hagmeier, Treutner.
UNITS : GRD C
NO. OF DATA : 354
NO. OF POSITIONS : 13



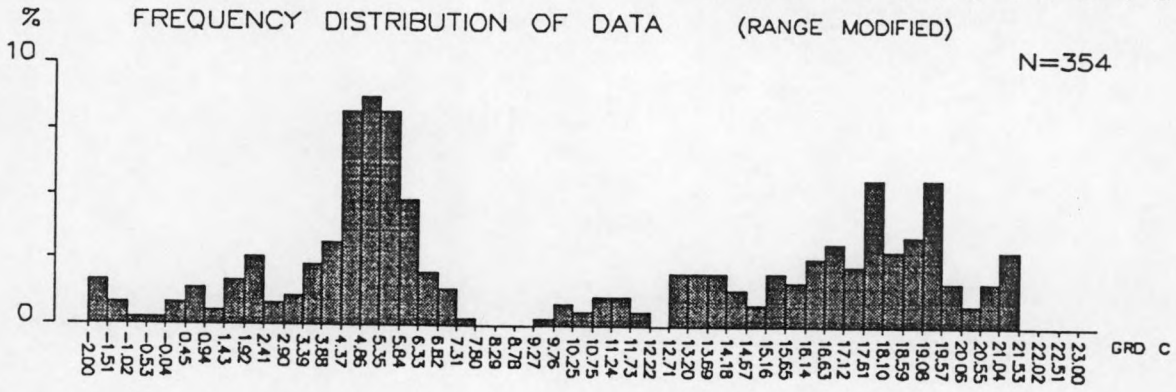
NO. OF DATA/AREA :
(without longterm data series !)

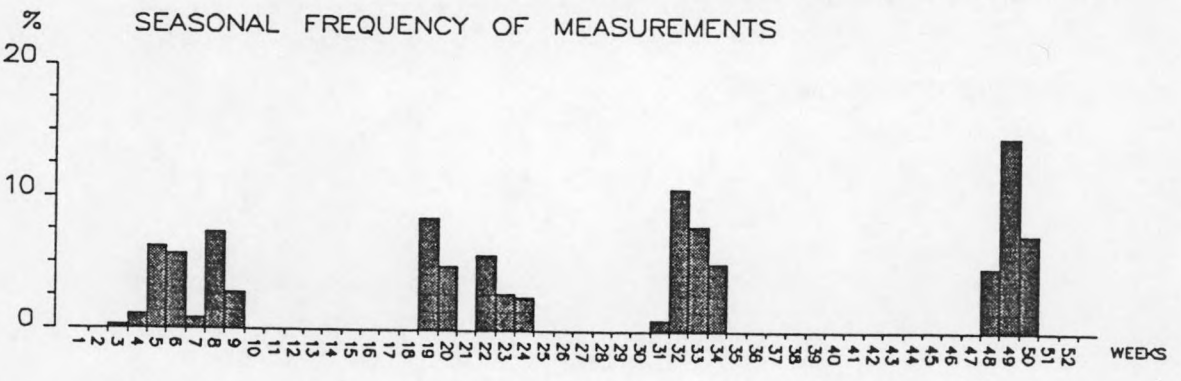
< 298	< 127
< 255	< 85
< 212	< 42
< 170	= 0

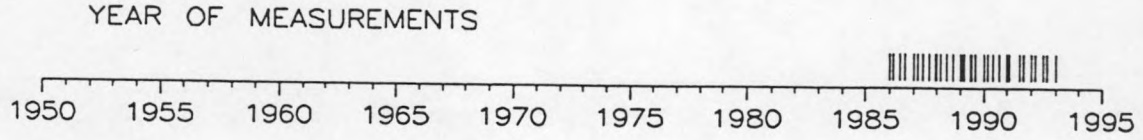
MINIMUM : −1.80
MAXIMUM : 21.40

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : BAH/Mangelsdorf, Harms

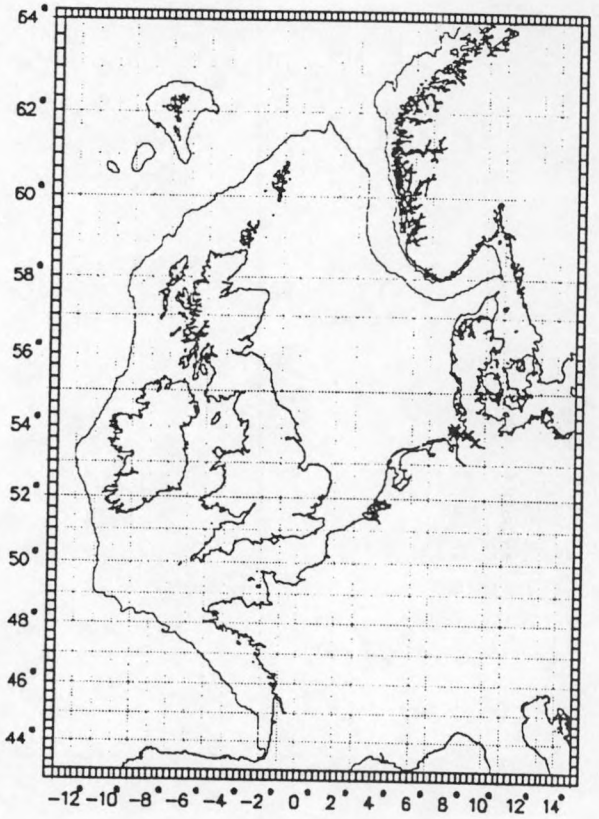
UNITS : GRD C

NO. OF POSITIONS : 9

NO. OF DATA : 184

MINIMUM : −0.30

MAXIMUM : 21.60



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

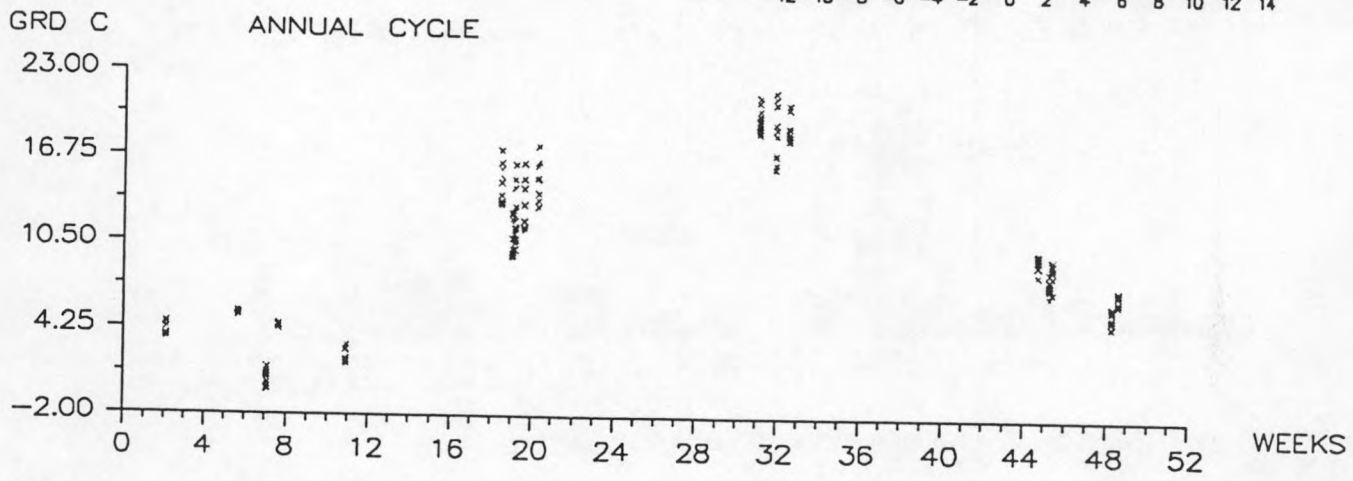
FIRST WEEK : 1

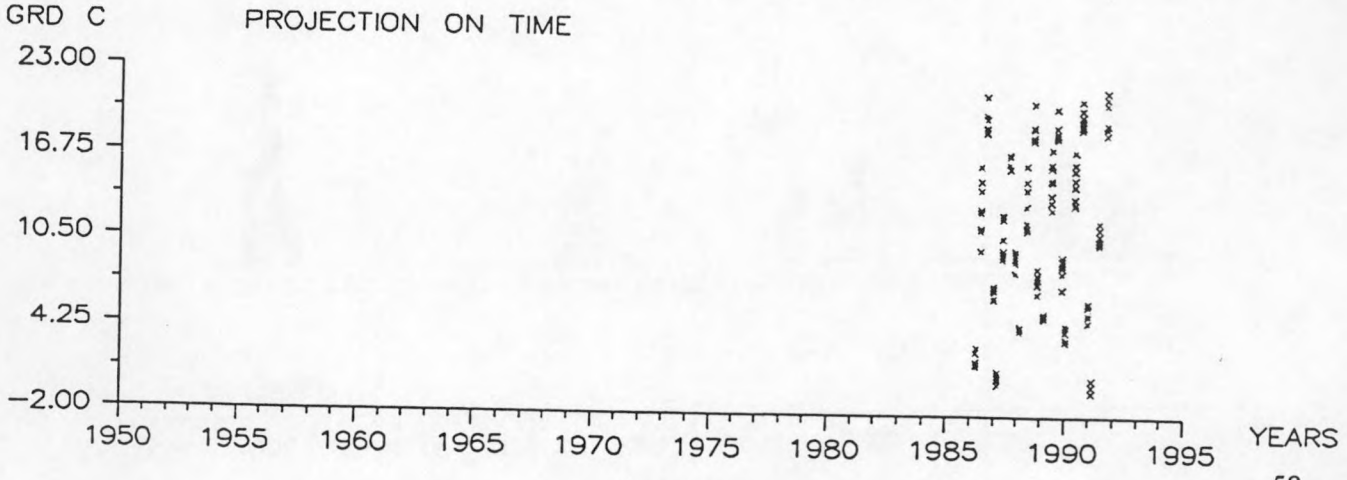
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



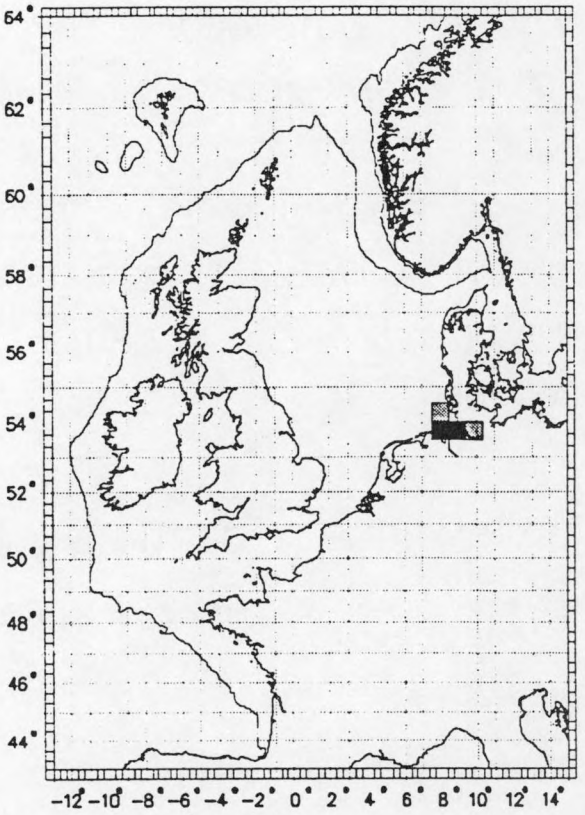


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : BAH/Mangelsdorf, Harms
UNITS : GRD C
NO. OF DATA : 184
NO. OF POSITIONS : 9



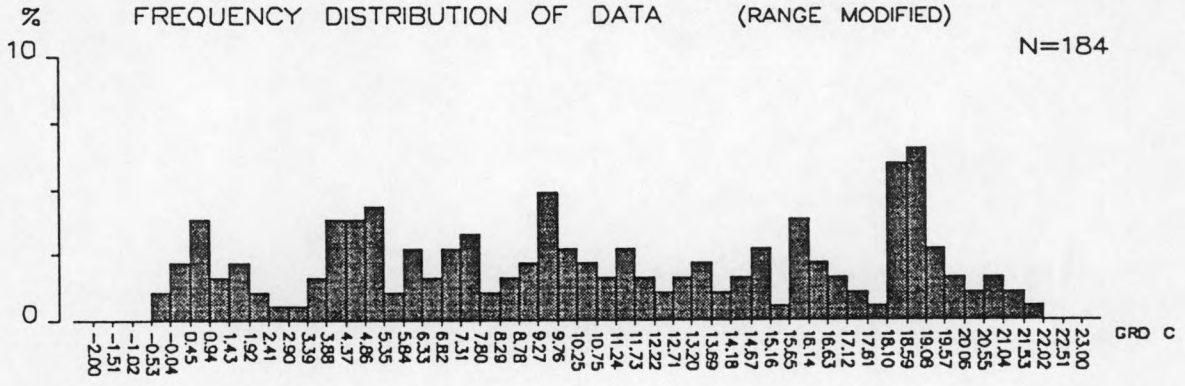
NO. OF DATA/AREA :
(without longterm data series !)

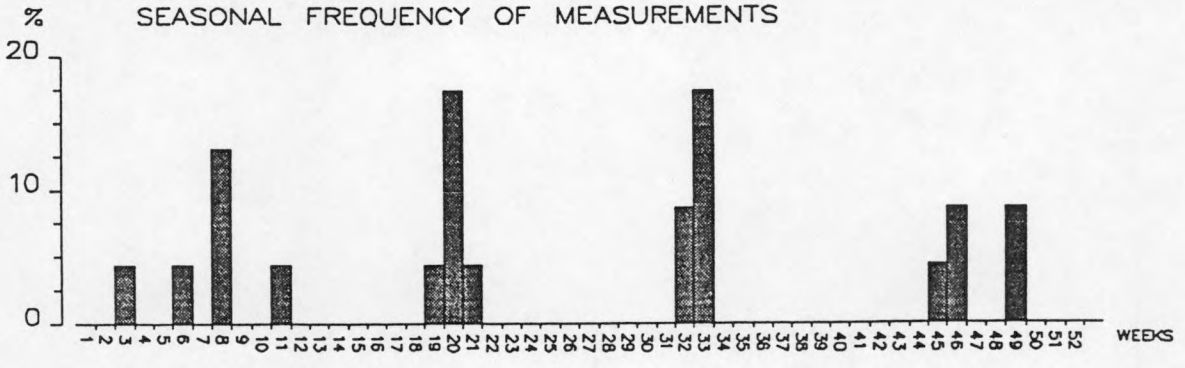
<	92	<	39
<	78	<	26
<	65	<	13
<	52	=	0

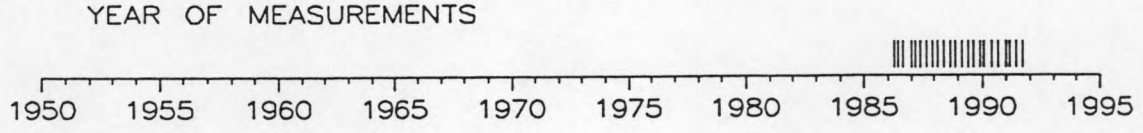
MINIMUM : −0.30
MAXIMUM : 21.60

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







96−11−15

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : BAH/Crews of Ellenboge.

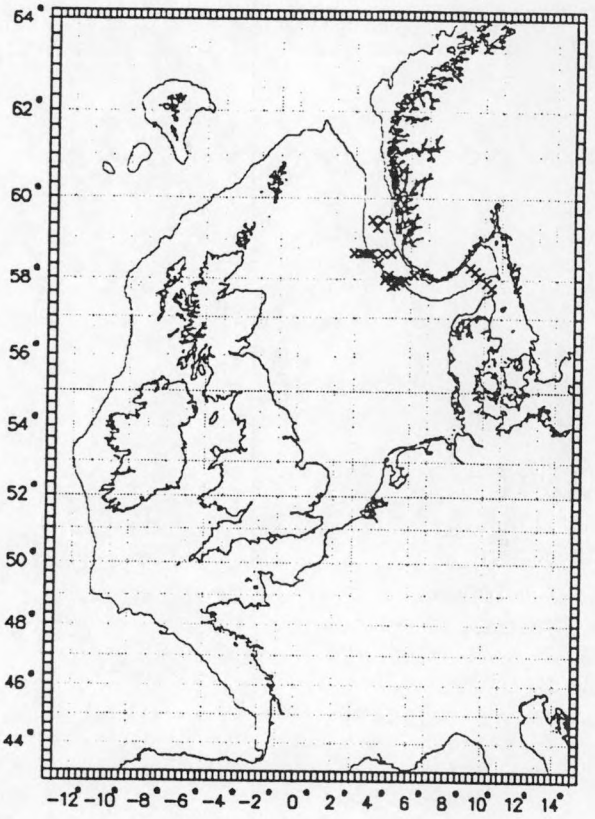
UNITS : GRD C

NO. OF POSITIONS : 27

NO. OF DATA : 223

MINIMUM : 3.80

MAXIMUM : 8.79



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

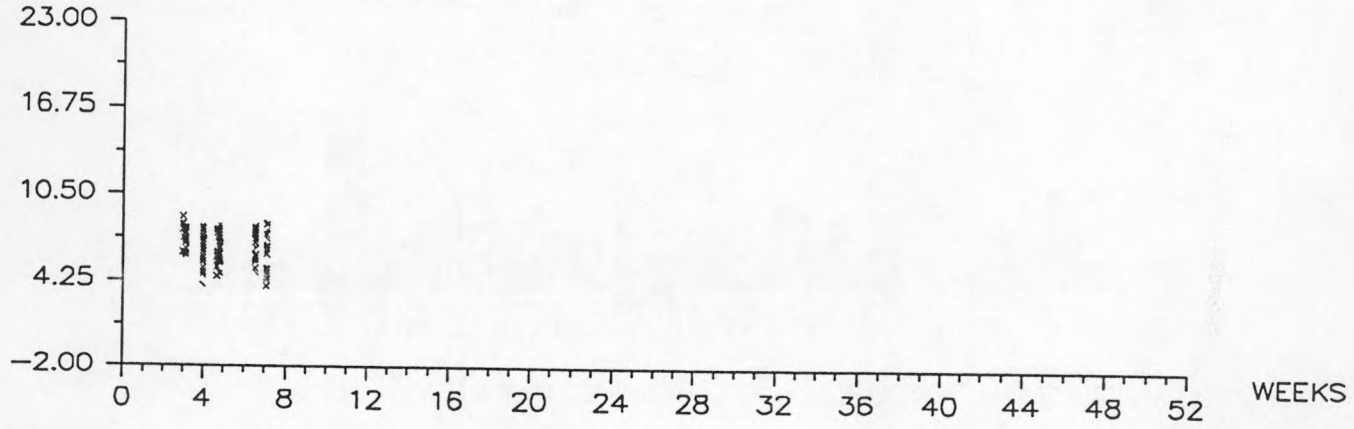
LAST WEEK : 53

DEPTH–RANGE

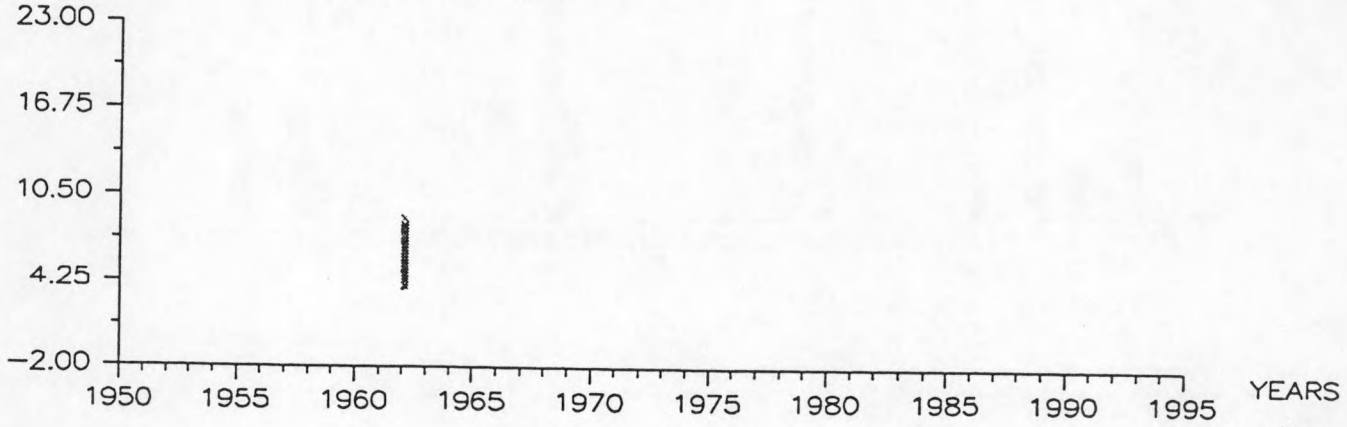
UPPER : 0

LOWER : 2000

GRD C ANNUAL CYCLE



GRD C PROJECTION ON TIME

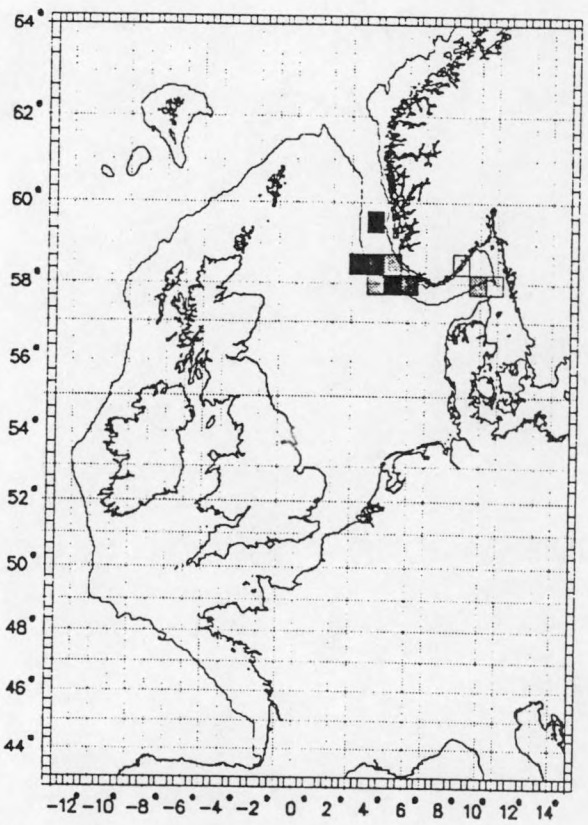


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : BAH/Crews of Ellenboge.
UNITS : GRD C
NO. OF DATA : 223
NO. OF POSITIONS : 27



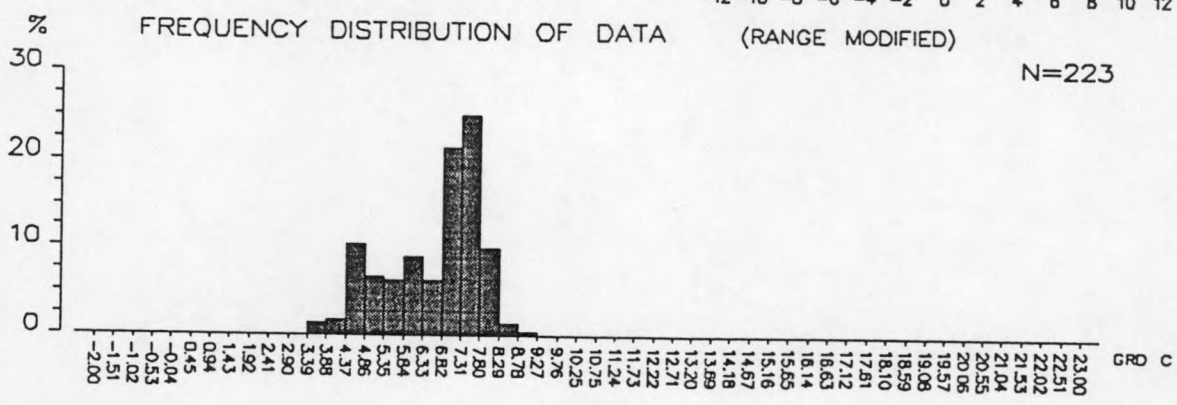
NO. OF DATA/AREA :
(without longterm data series !)

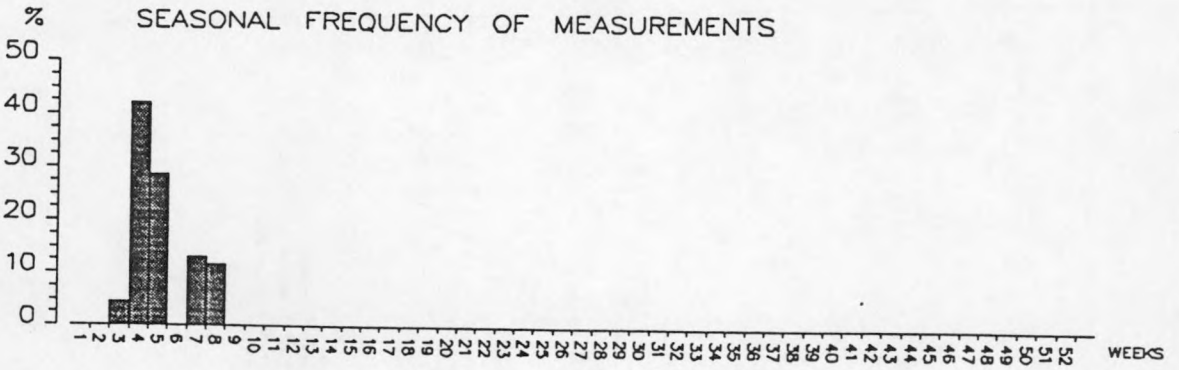
< 58	< 24
< 49	< 16
< 41	< 8
< 33	= 0

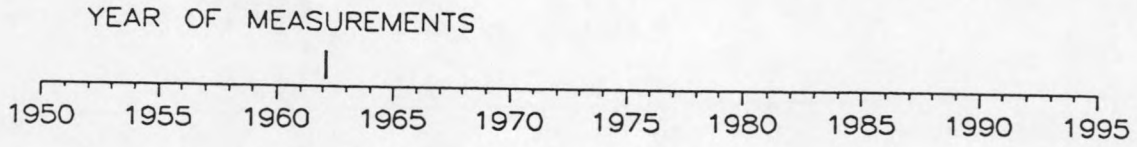
MINIMUM : 3.80
MAXIMUM : 8.79

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : BFAIKB

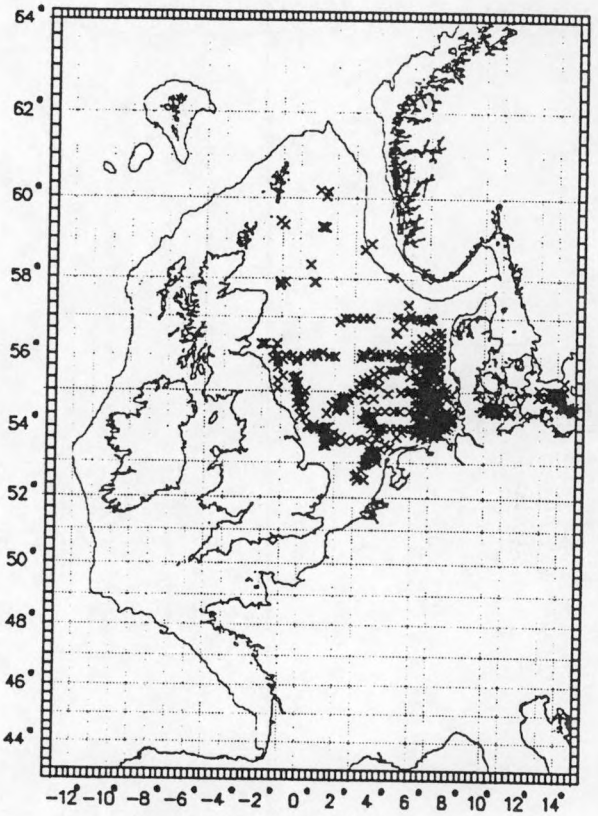
UNITS : GRD C

NO. OF POSITIONS : 676

NO. OF DATA : 1508

MINIMUM : −0.82

MAXIMUM : 18.30



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

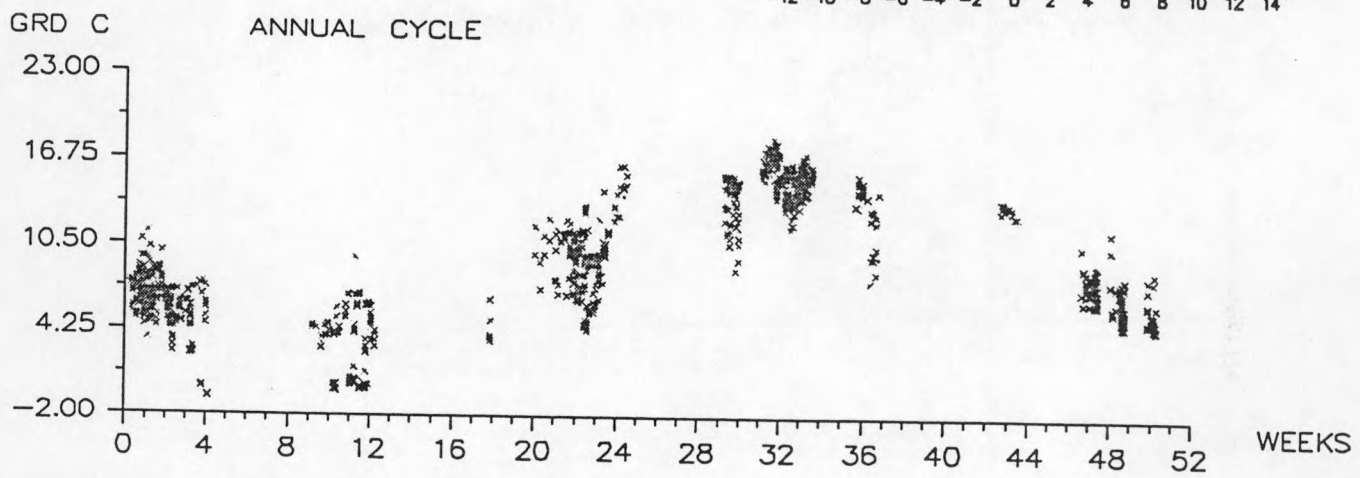
FIRST WEEK : 1

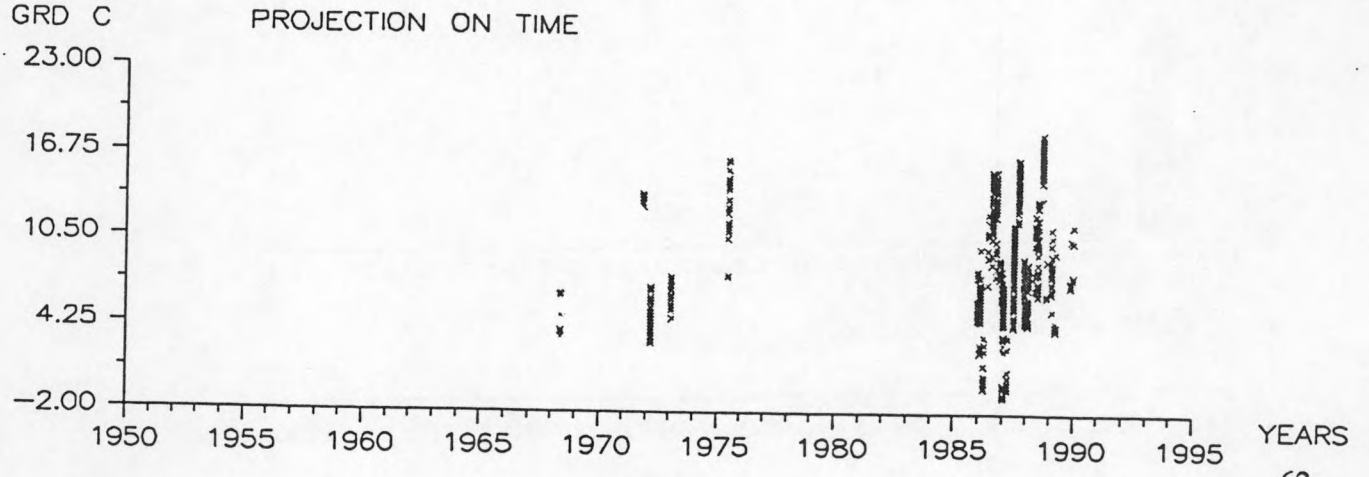
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



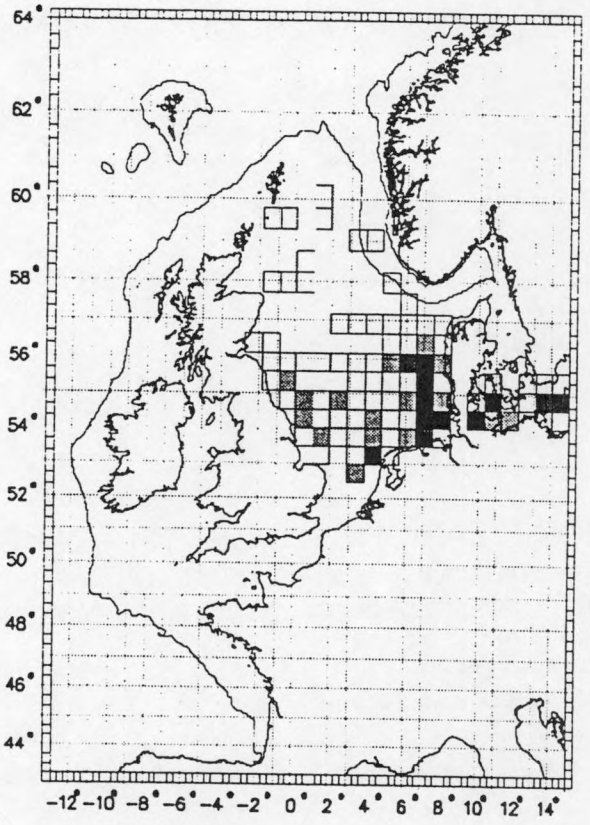


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : BFAIKB
UNITS : GRD C
NO. OF DATA : 1508
NO. OF POSITIONS : 676



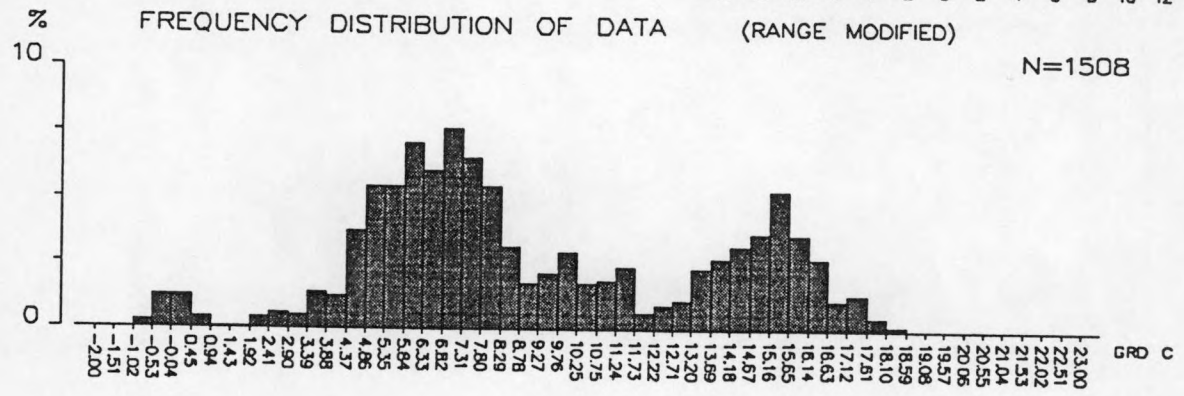
NO. OF DATA/AREA :
(without longterm data series !)

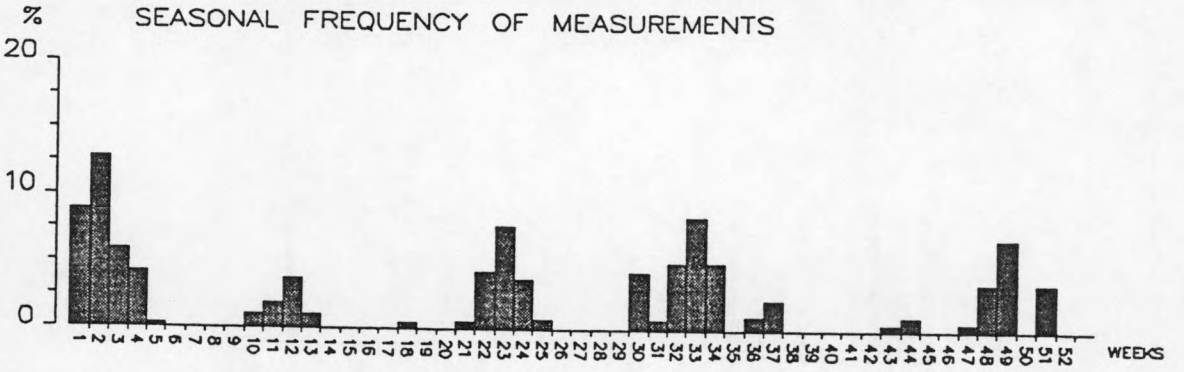
<	98	<	42
<	84	<	28
<	70	<	14
<	56	=	0

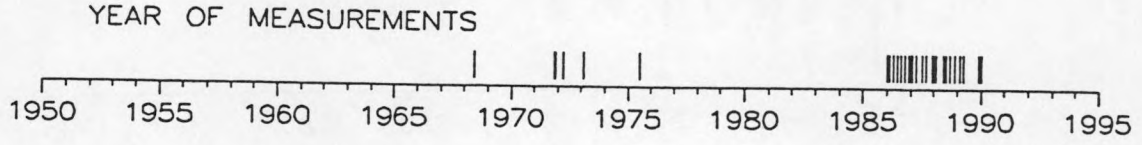
MINIMUM : −0.82
MAXIMUM : 18.30

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000





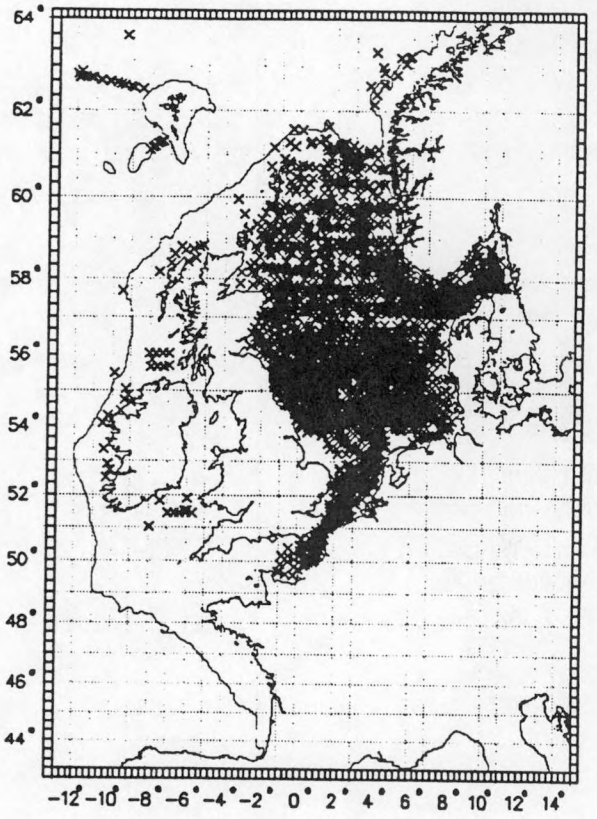


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

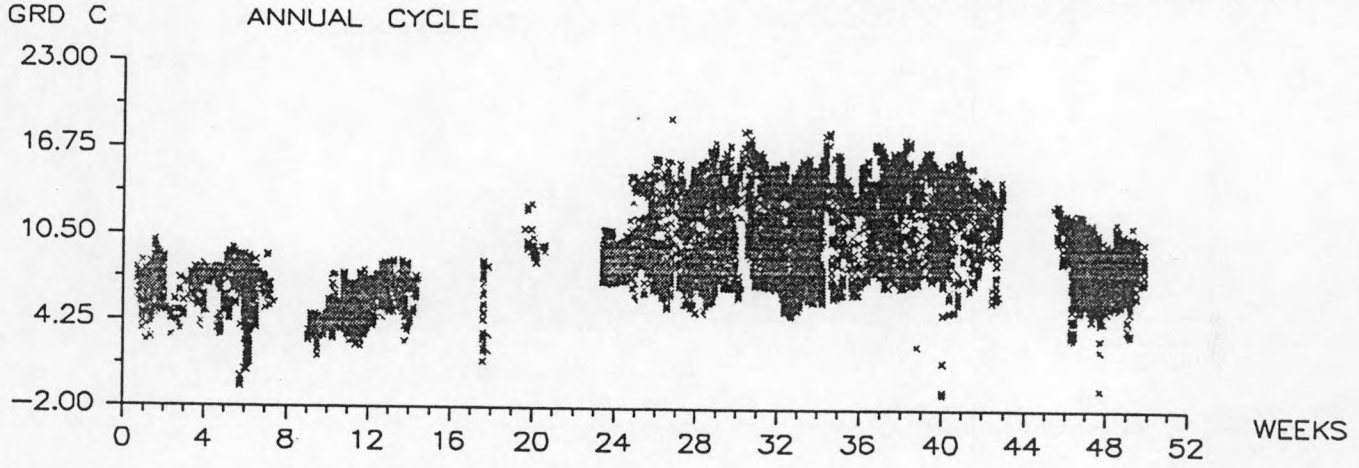
TEMPERATURE

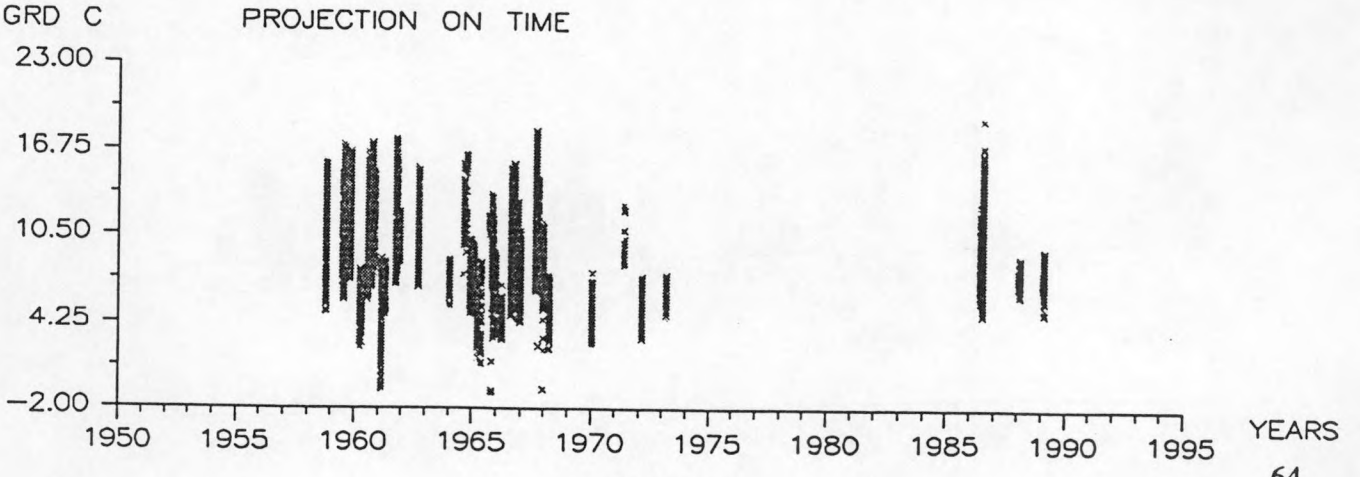
PCODE : 1001010001
ENAME : BFAIS
UNITS : GRD C
NO. OF POSITIONS : 4146
NO. OF DATA : 22087
MINIMUM : −0.93
MAXIMUM : 18.86



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



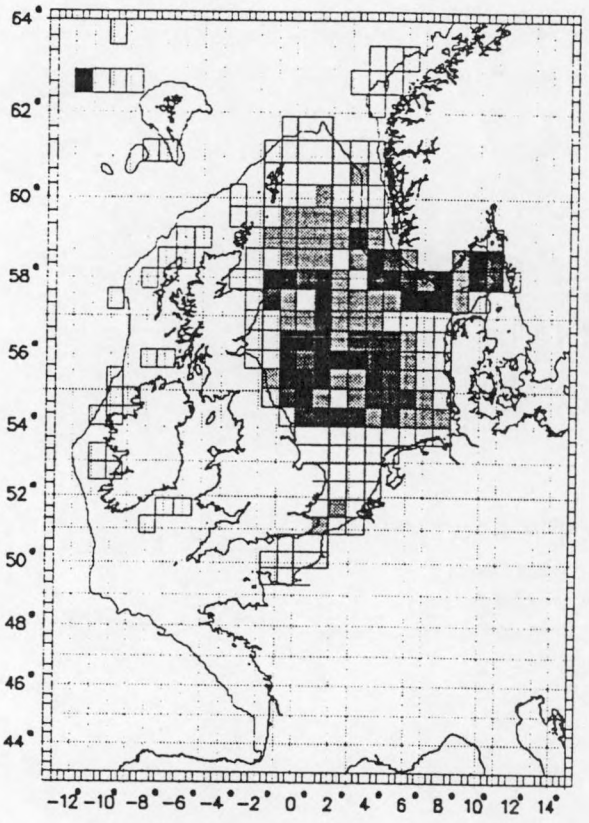


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : BFAIS
UNITS : GRD C
NO. OF DATA : 22087
NO. OF POSITIONS : 4146



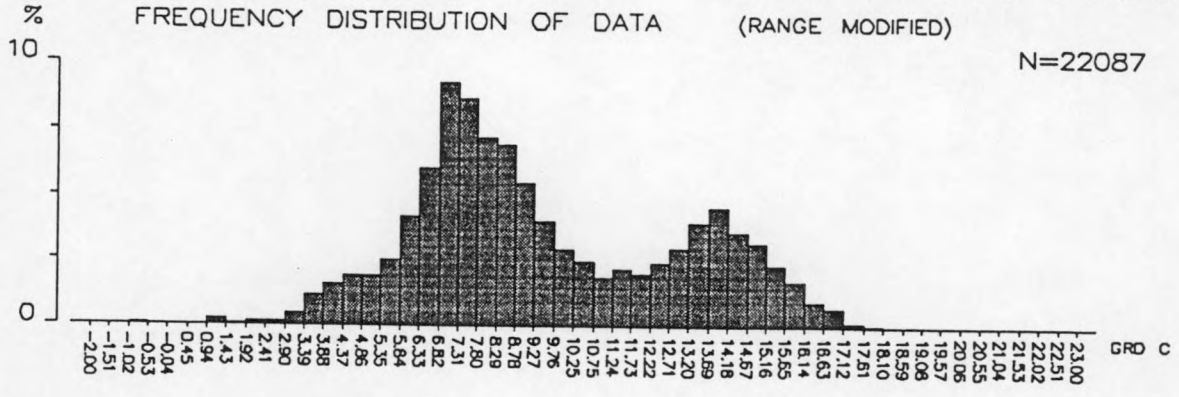
NO. OF DATA/AREA :
(without longterm data series !)

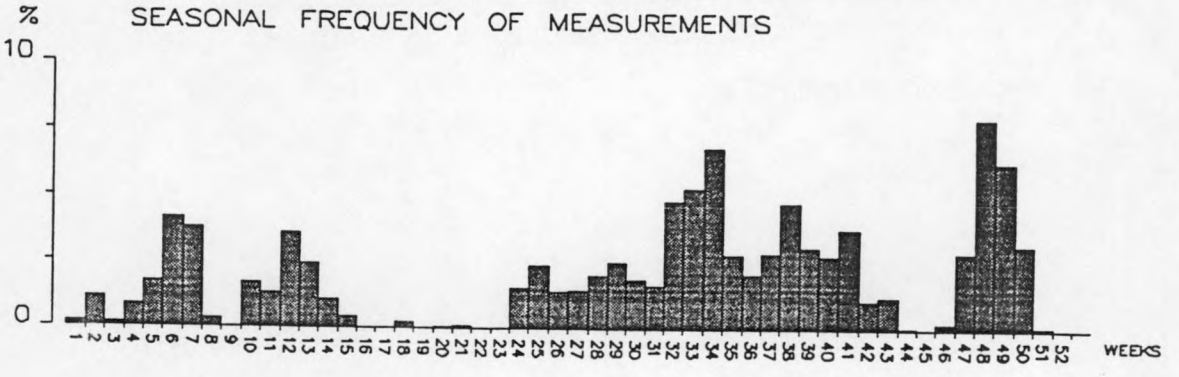
<	543	<	232
<	465	<	155
<	387	<	77
<	310	=	0

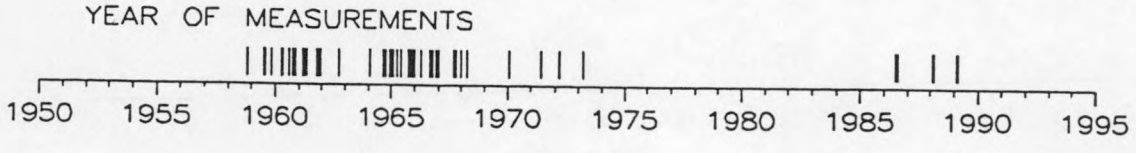
MINIMUM : −0.93
MAXIMUM : 18.86

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000





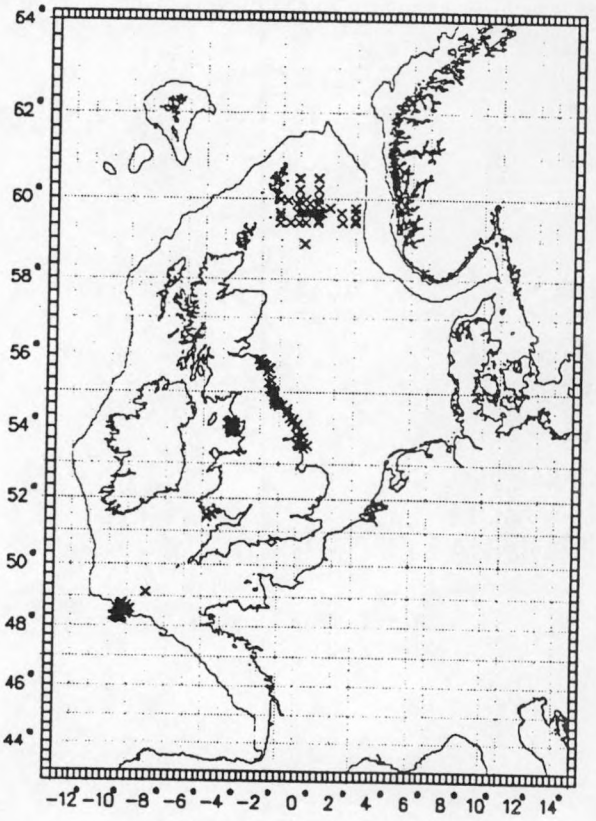


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

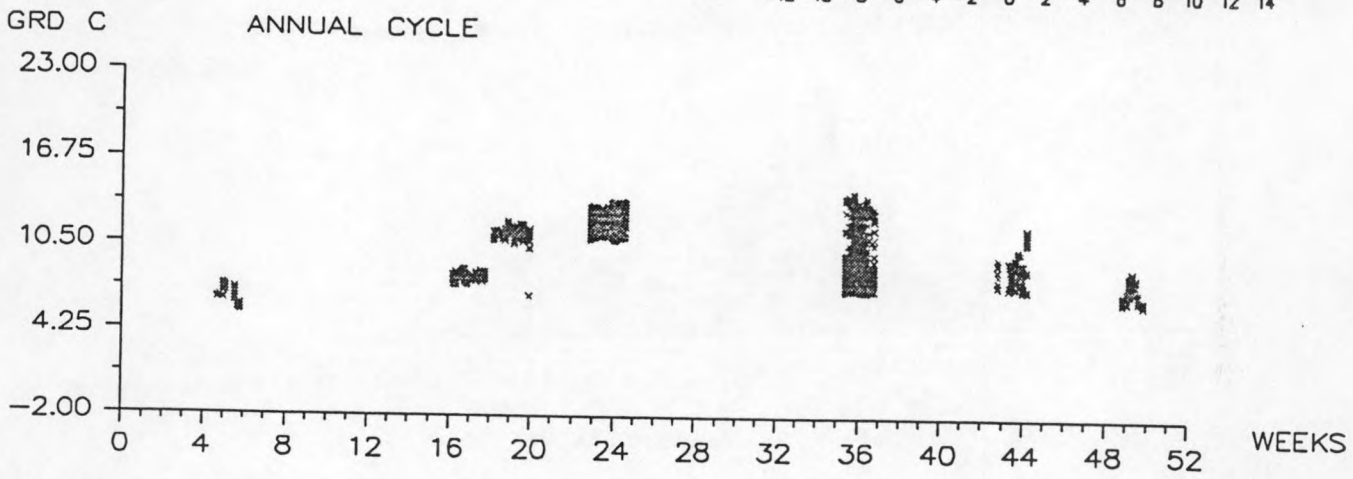
TEMPERATURE

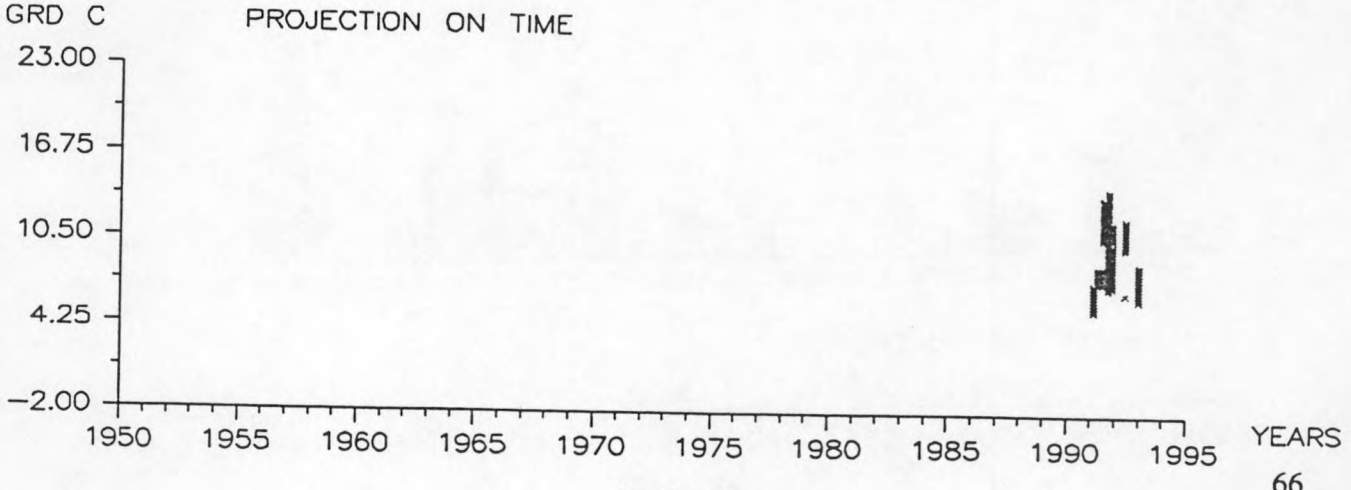
PCODE : 1001010101
ENAME : BODC
UNITS : GRD C
NO. OF POSITIONS : 309
NO. OF DATA : 14081
MINIMUM : 5.48
MAXIMUM : 14.34



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



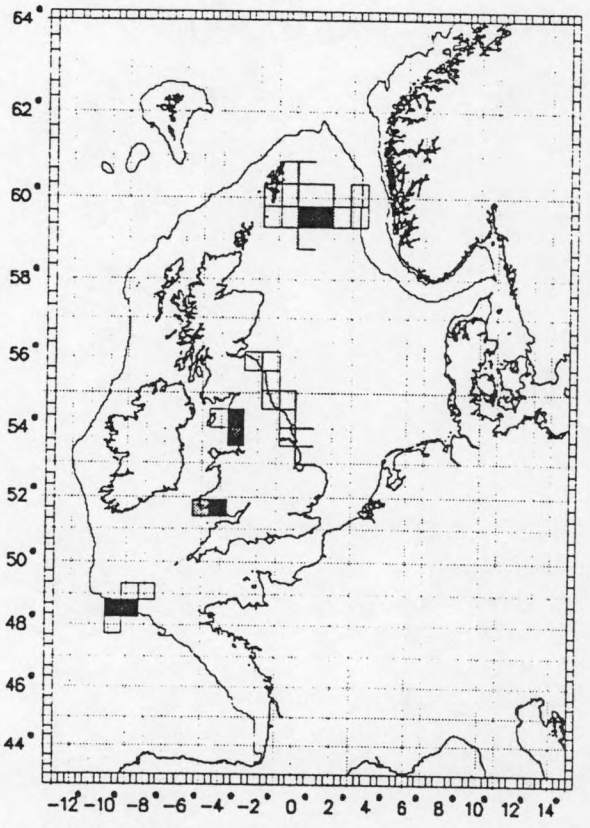


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010101
ENAME : BODC
UNITS : GRD C
NO. OF DATA : 14081
NO. OF POSITIONS : 309



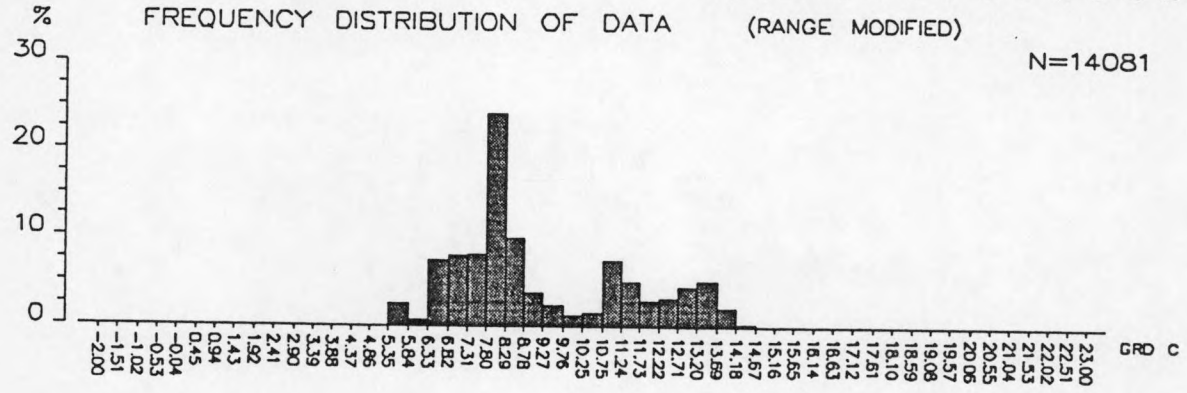
NO. OF DATA/AREA :
(without longterm data series !)

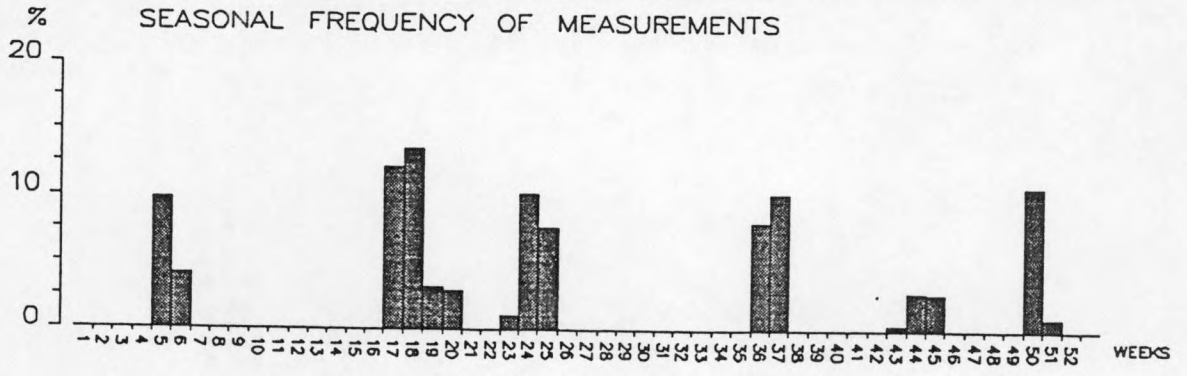
<	2603	<	1115
<	2231	<	743
<	1859	<	371
<	1487	=	0

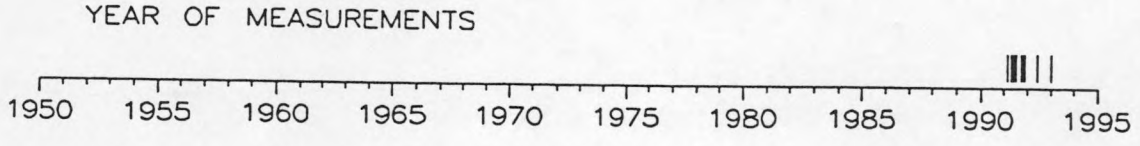
MINIMUM : 5.48
MAXIMUM : 14.34

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





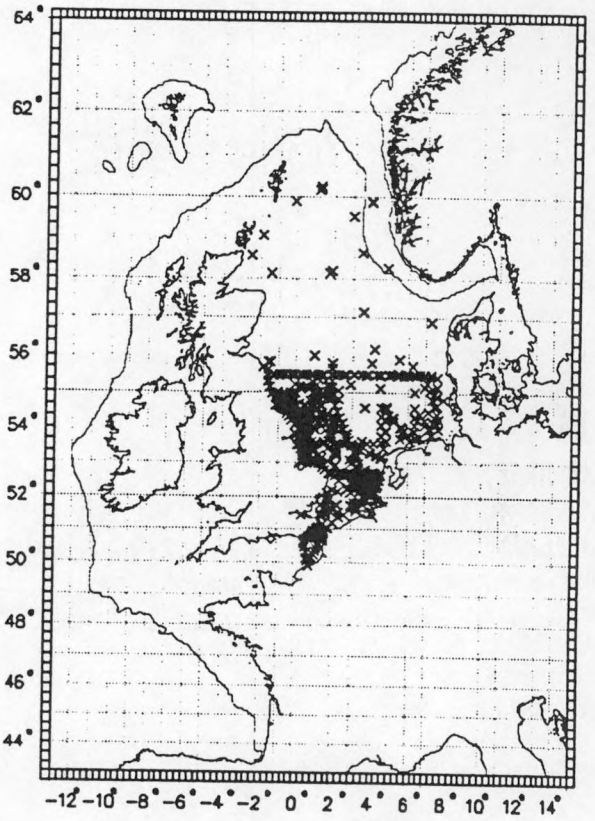


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

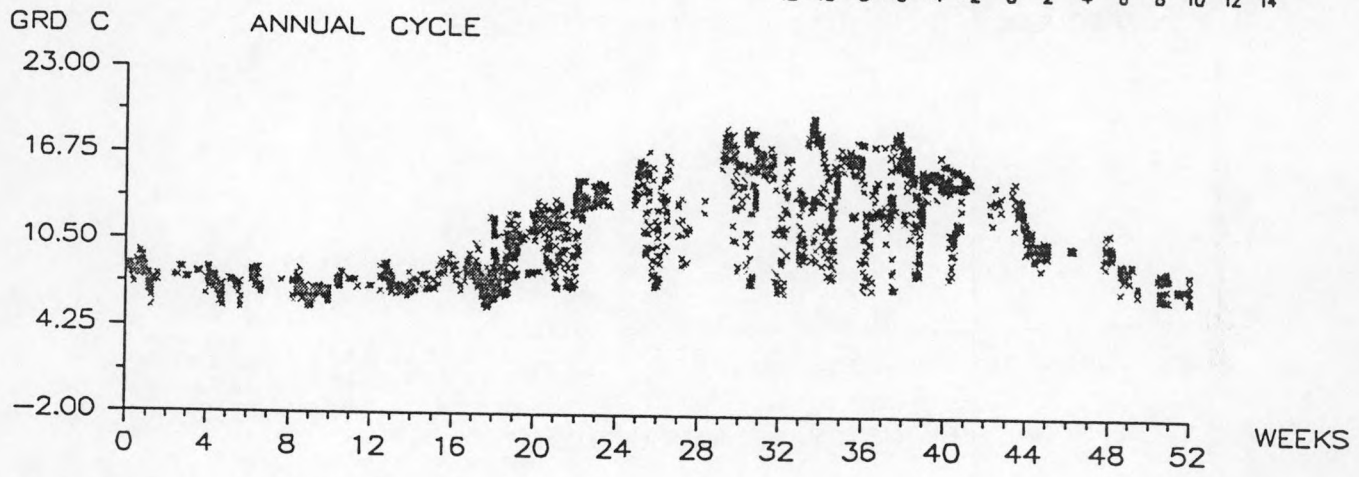
TEMPERATURE

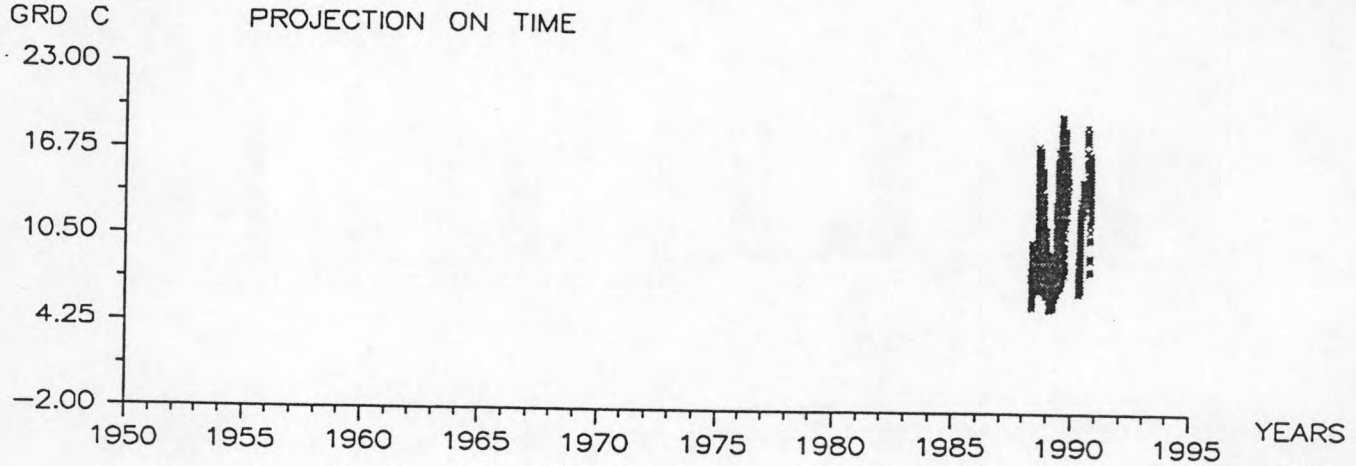
PCODE : 1001012901
ENAME : BODC/Lowry, R.
UNITS : GRD C
NO. OF POSITIONS : 2456
NO. OF DATA : 2965
MINIMUM : 5.46
MAXIMUM : 19.57



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





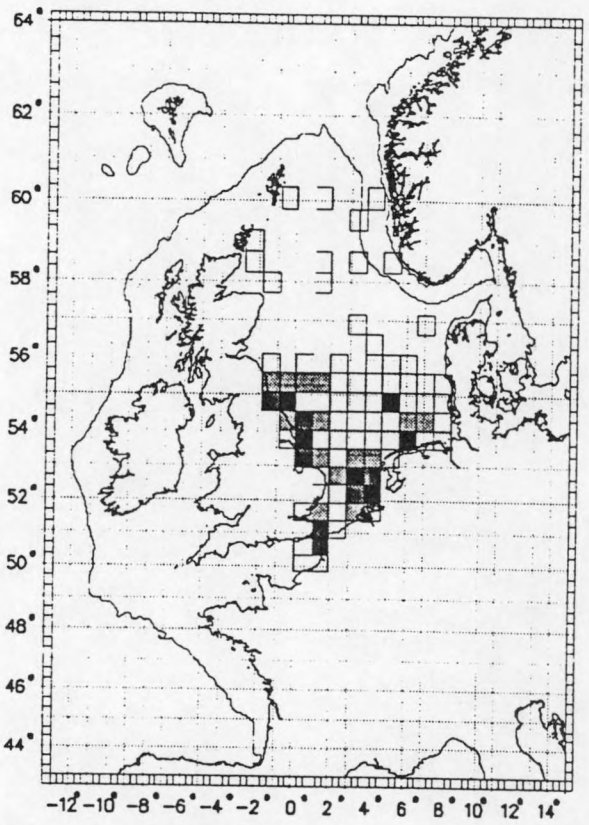
96–11–16

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001012901
ENAME : BODC/Lowry, R.
UNITS : GRD C
NO. OF DATA : 2965
NO. OF POSITIONS : 2456



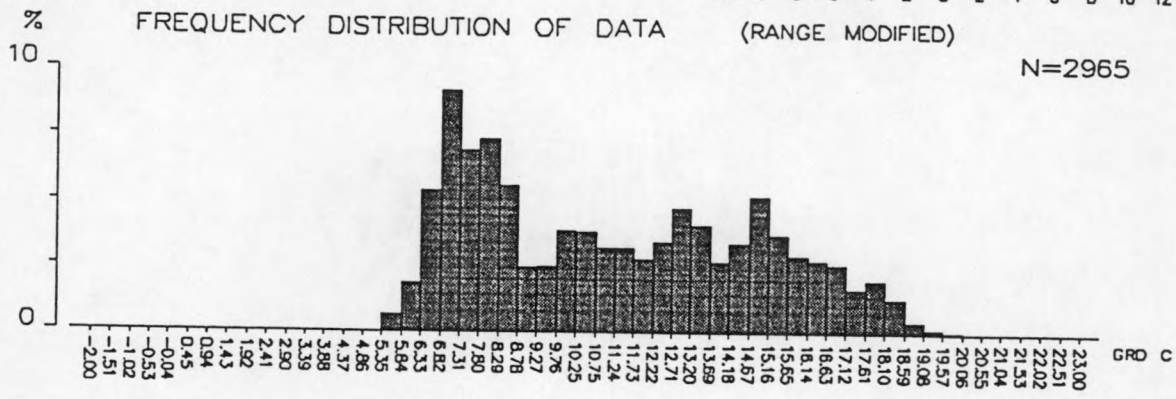
NO. OF DATA/AREA :
(without longterm data series !)

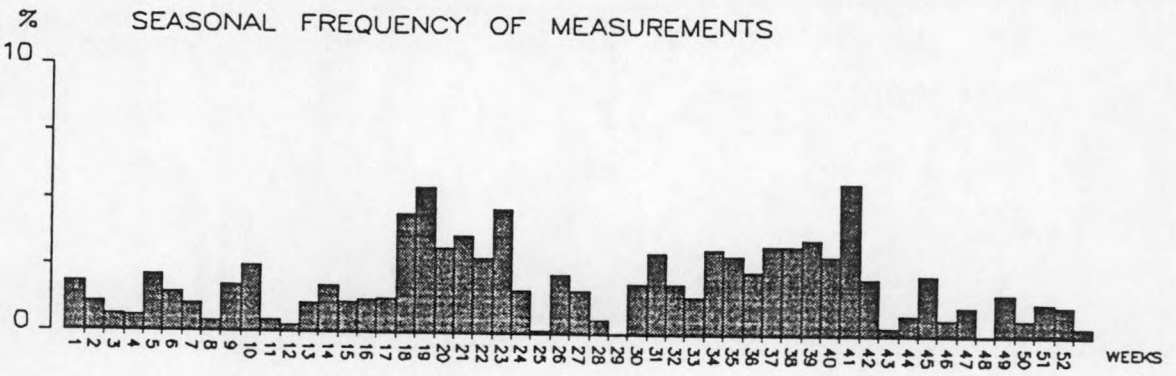
< 248	< 106
< < 212	< < 70
< < < 177	< < < 35
< 141	= 0

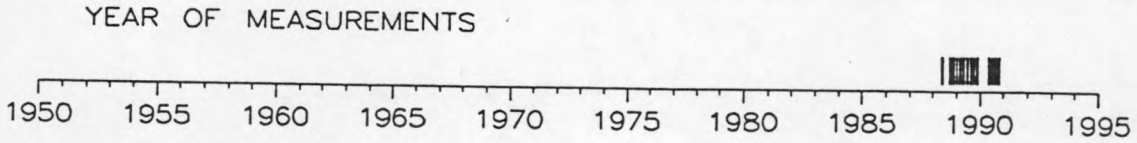
MINIMUM : 5.46
MAXIMUM : 19.57

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010101

ENAME : BODC/Lowry, R.

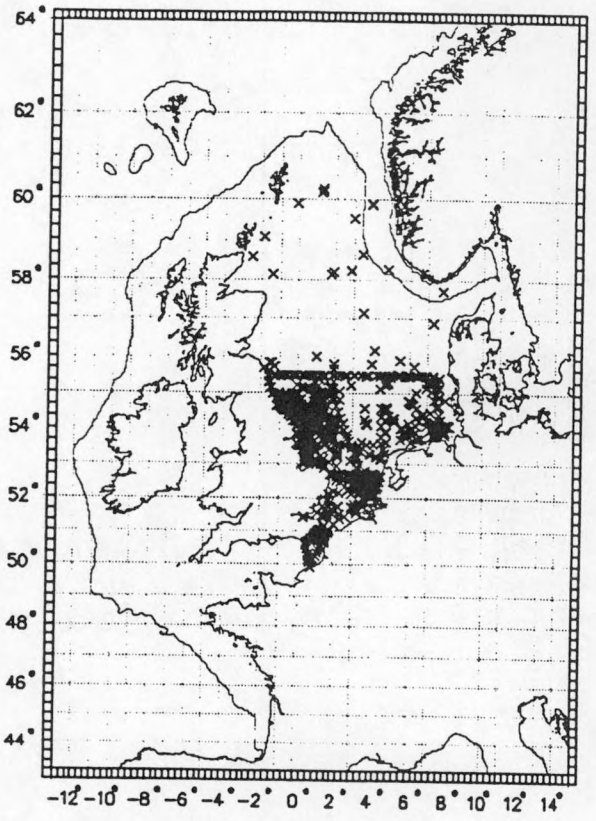
UNITS : GRD C

NO. OF POSITIONS : 3093

NO. OF DATA : 135282

MINIMUM : 5.29

MAXIMUM : 19.57



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

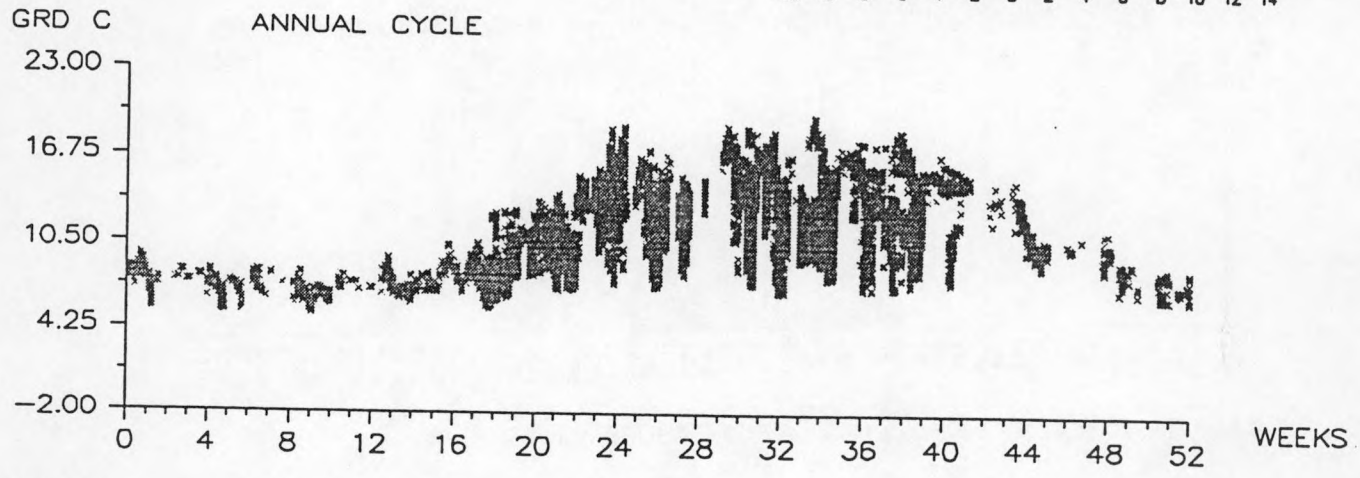
FIRST WEEK : 1

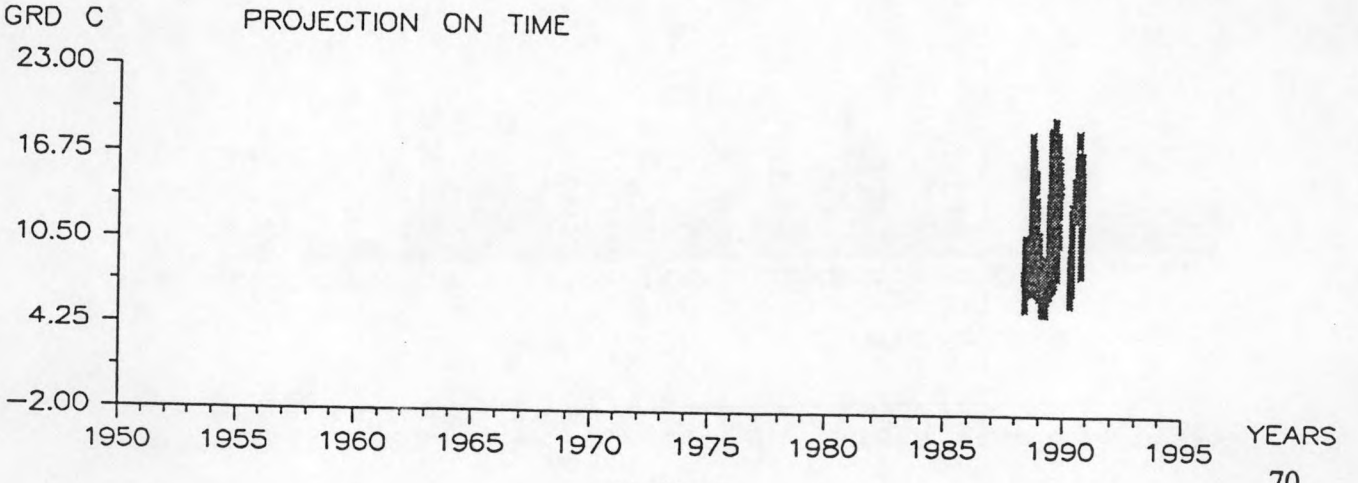
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



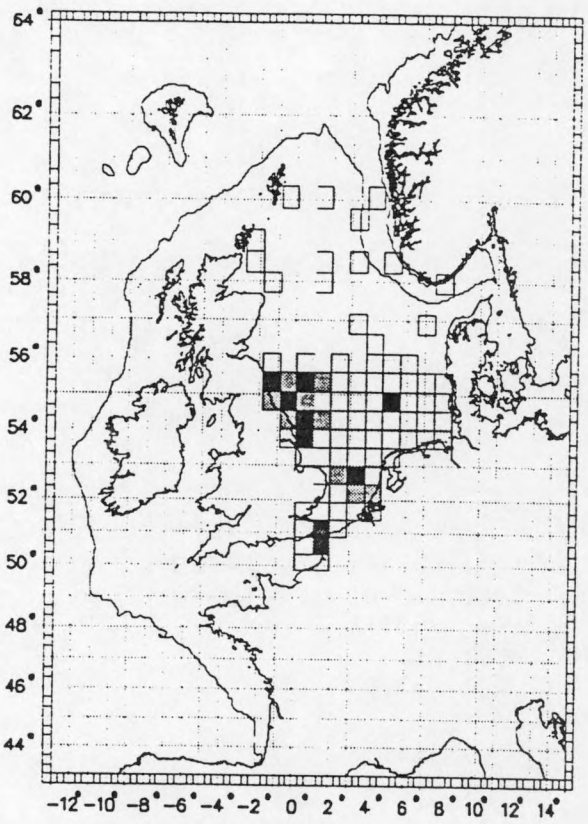


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010101
ENAME : BODC/Lowry, R.
UNITS : GRD C
NO. OF DATA : 135282
NO. OF POSITIONS : 3093



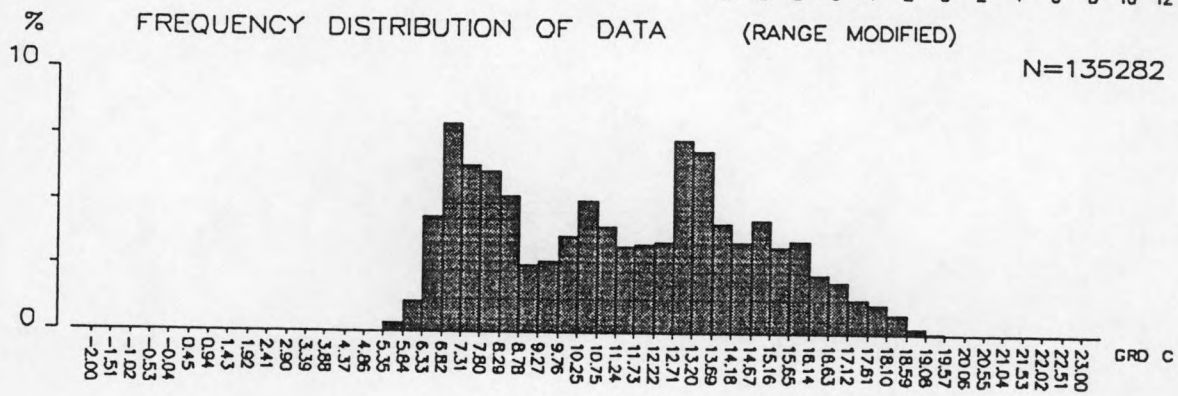
NO. OF DATA/AREA :
(without longterm data series !)

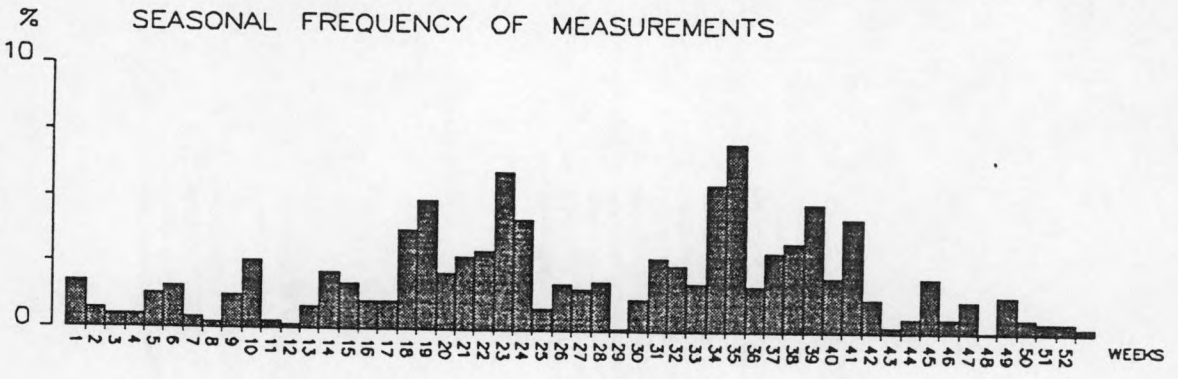
<	15108	<	6474
<	12949	< <	4316
<	10791	< < <	2158
<	8633	=	0

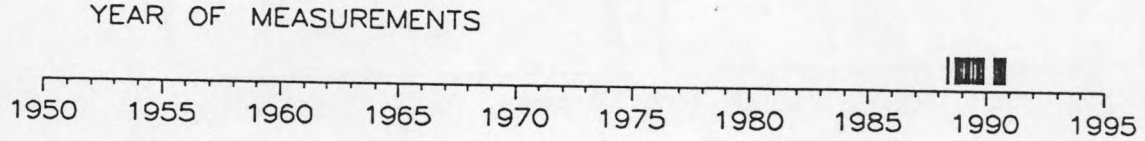
MINIMUM : 5.29
MAXIMUM : 19.57

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : BSH

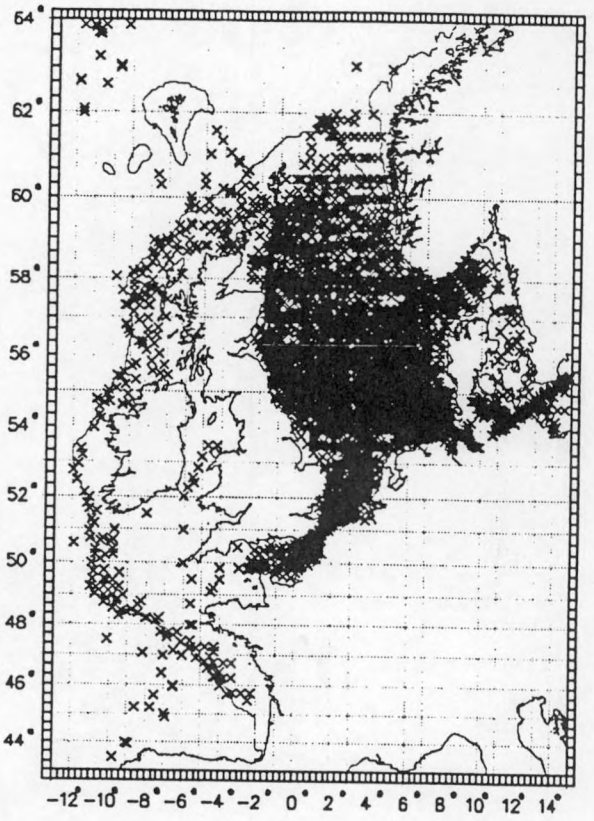
UNITS : GRD C

NO. OF POSITIONS : 7300

NO. OF DATA : 34829

MINIMUM : −1.80

MAXIMUM : 21.11



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

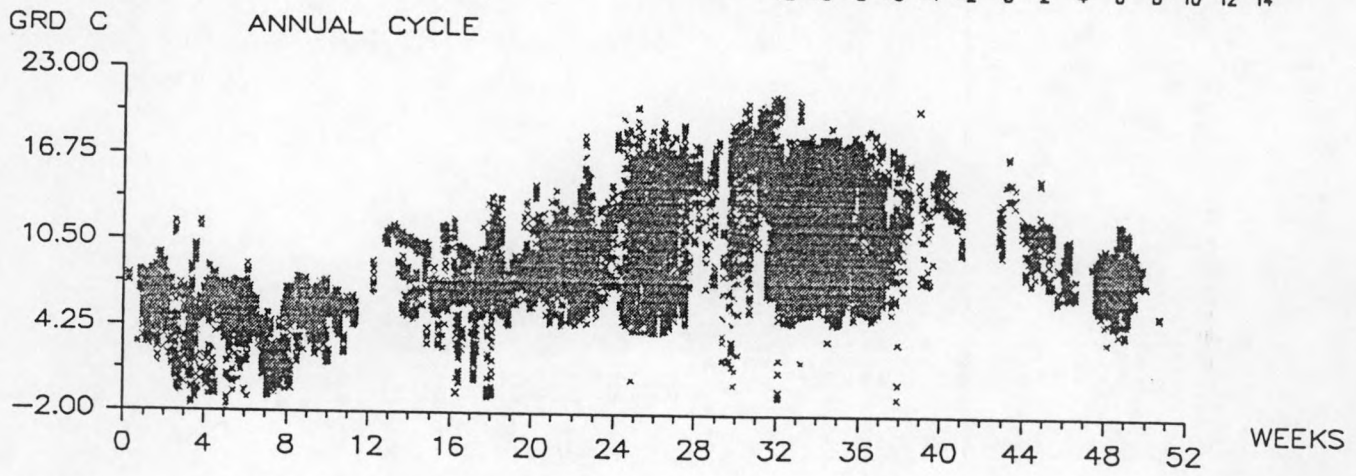
FIRST WEEK : 1

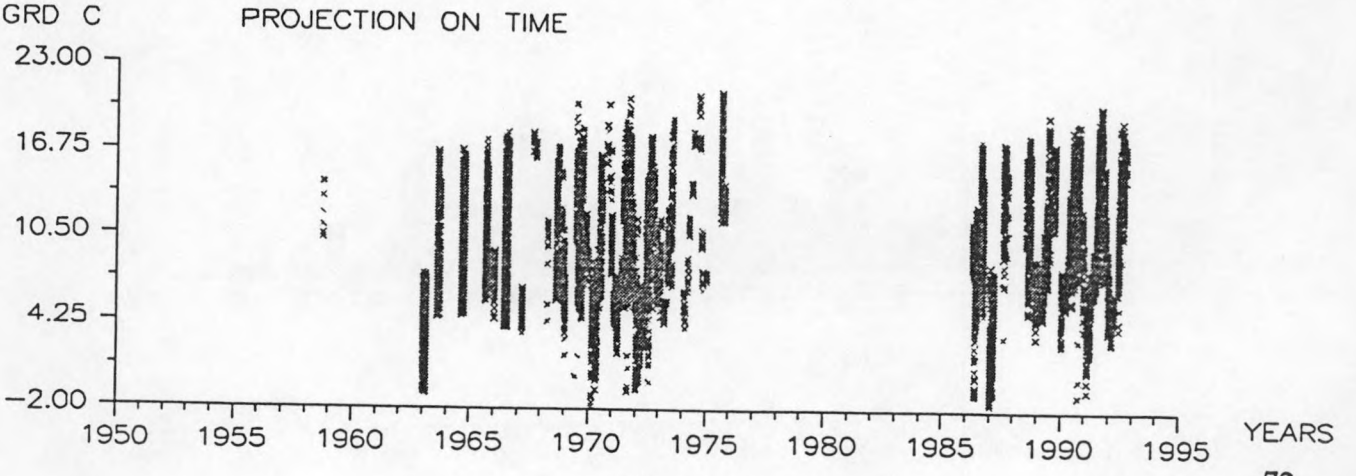
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



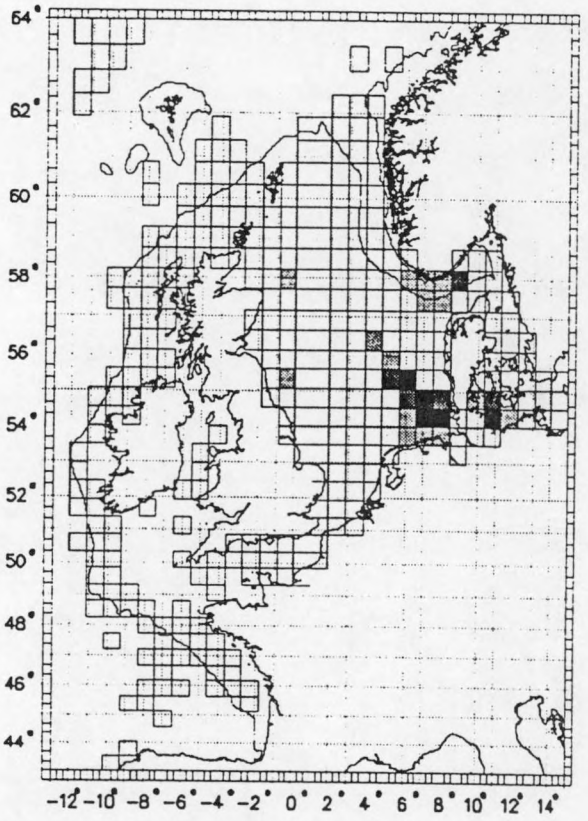


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : BSH
UNITS : GRD C
NO. OF DATA : 34829
NO. OF POSITIONS : 7300



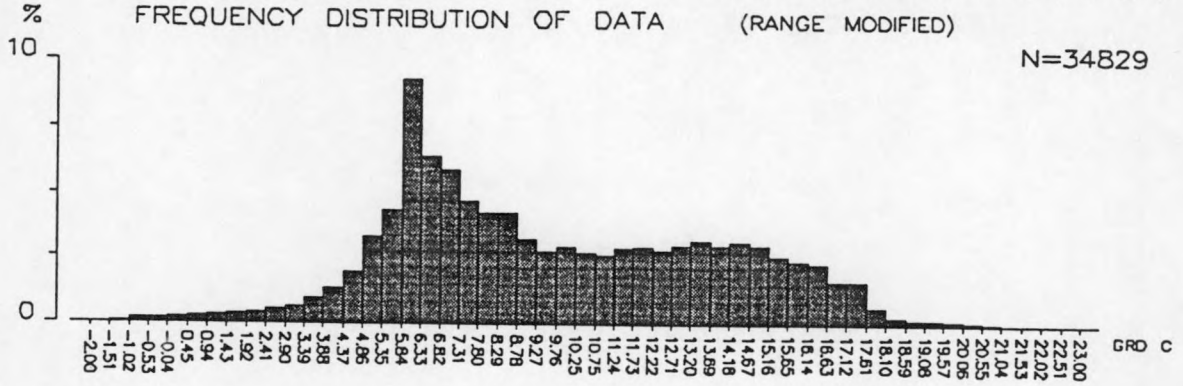
NO. OF DATA/AREA :
(without longterm data series !)

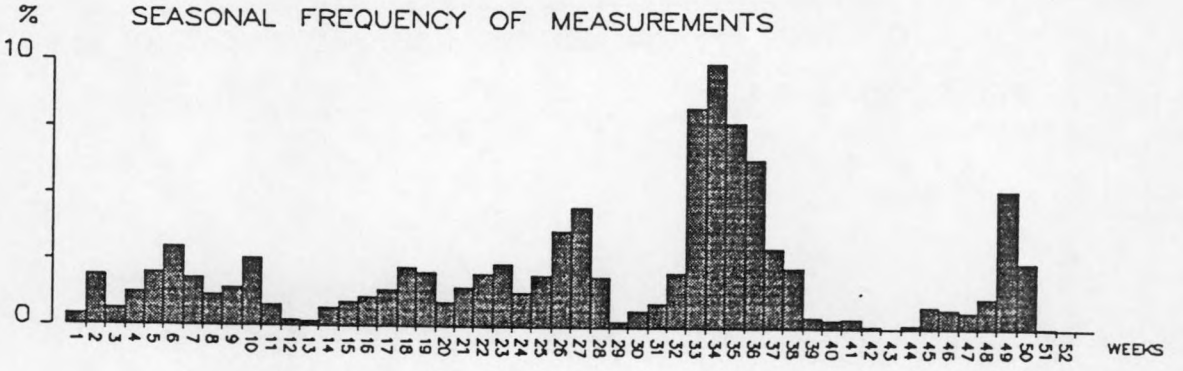
< 1723	< 738
< 1476	< 492
< 1230	< 246
< 984	= 0

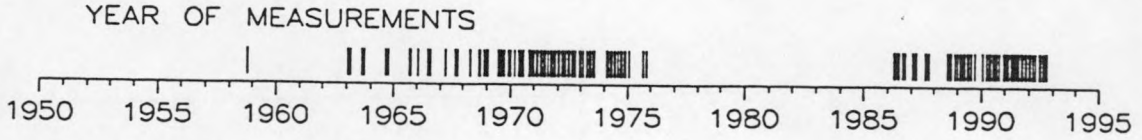
MINIMUM : −1.80
MAXIMUM : 21.11

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010101

ENAME : BSH

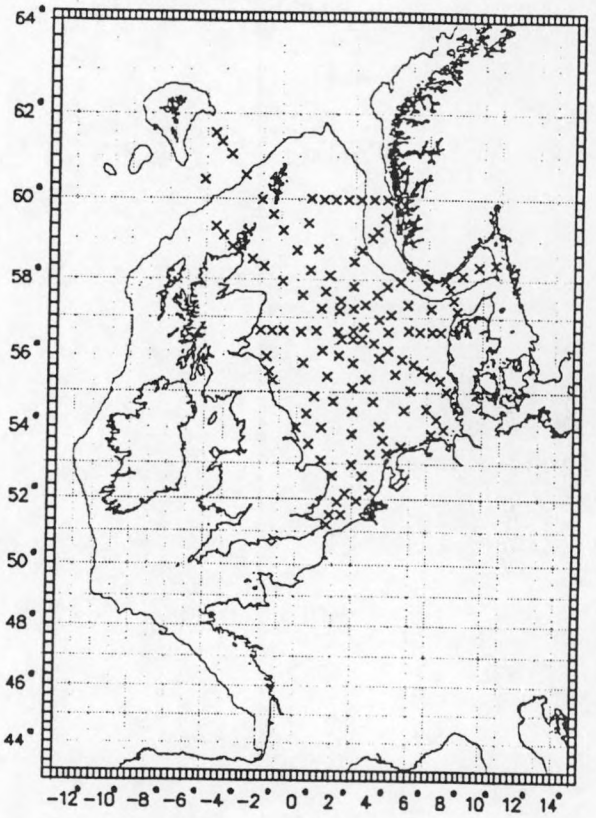
UNITS : GRD C

NO. OF POSITIONS : 124

NO. OF DATA : 525

MINIMUM : −0.95

MAXIMUM : 12.66



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

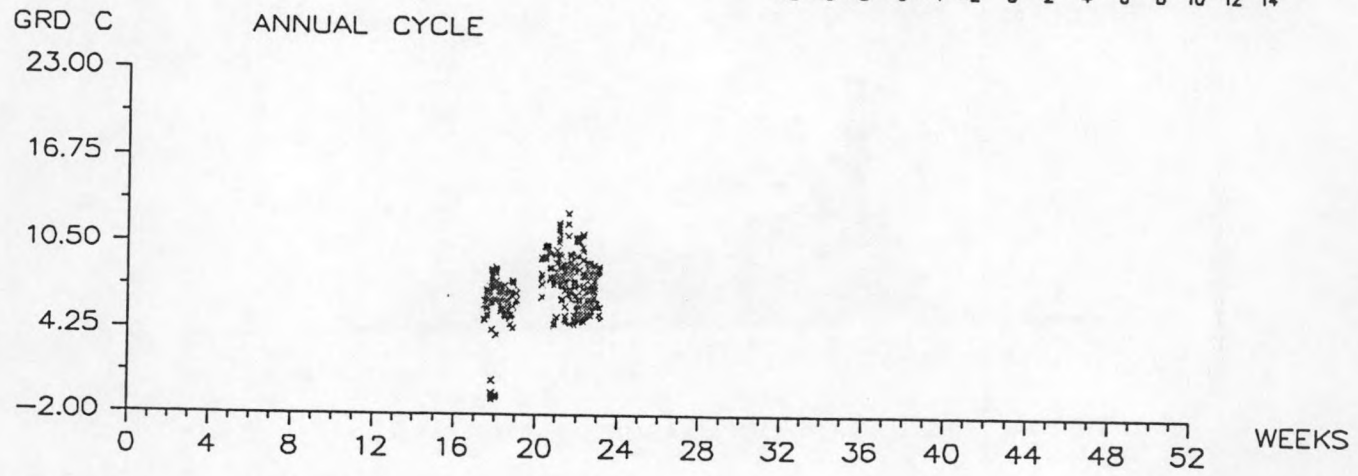
FIRST WEEK : 1

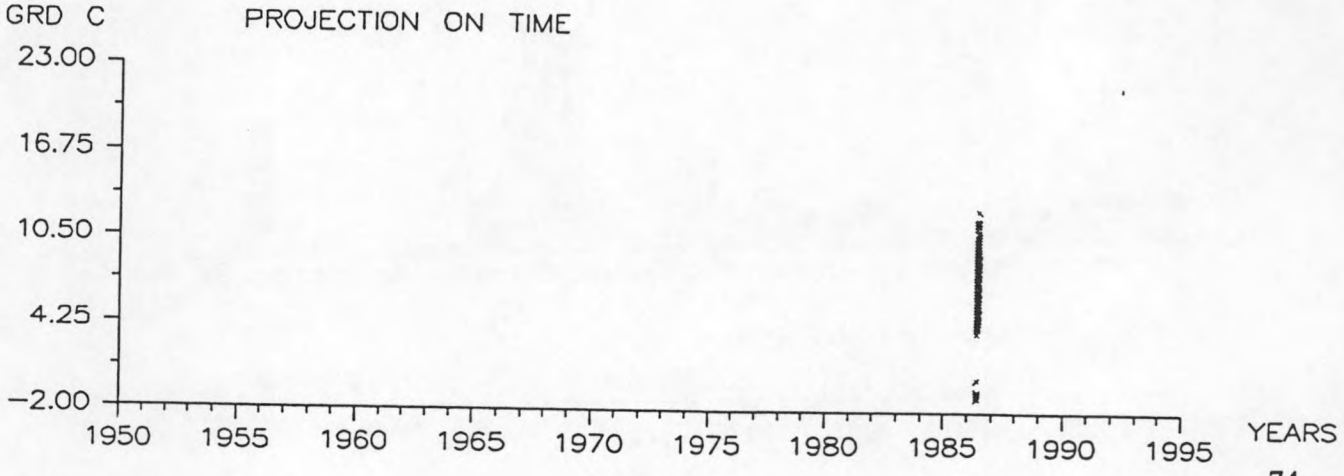
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



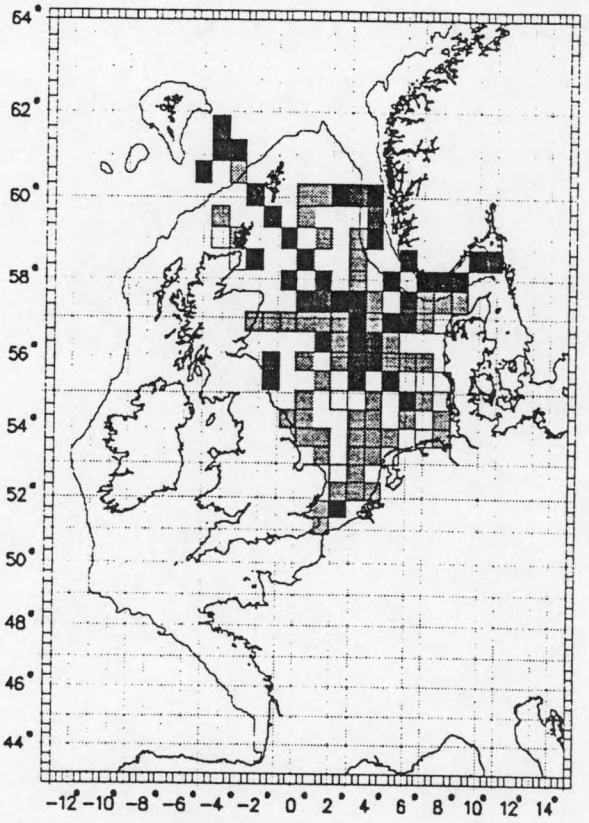


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010101
ENAME : BSH
UNITS : GRD C
NO. OF DATA : 525
NO. OF POSITIONS : 124



NO. OF DATA/AREA :
(without longterm data series !)

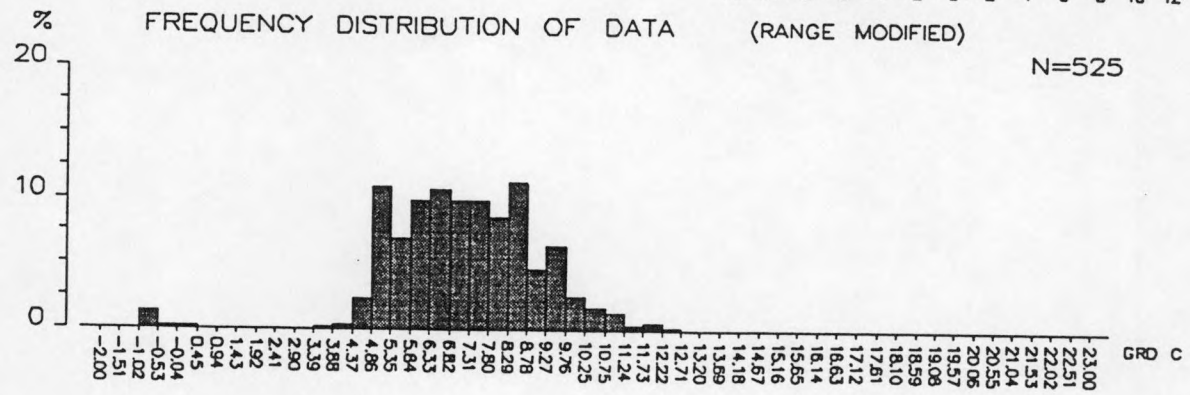
< 15
< 12
< 10
< 8

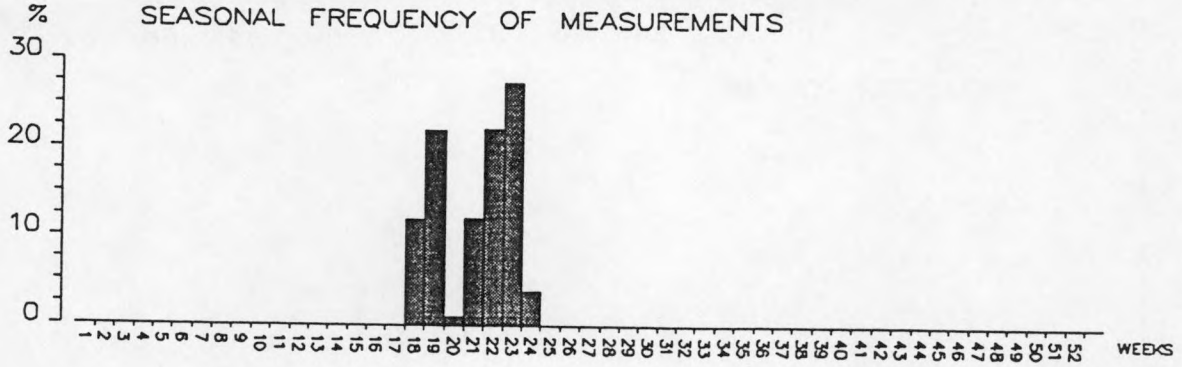
< 6
< 4
< 2
= 0

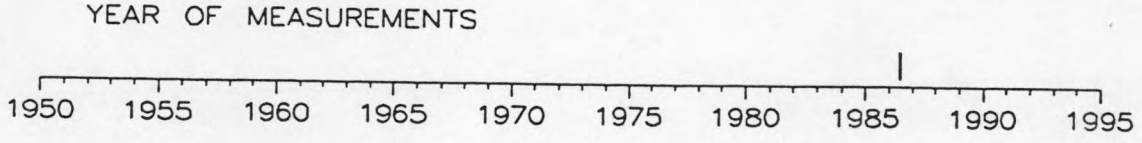
MINIMUM : −0.95
MAXIMUM : 12.66

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010101

ENAME : CRESO/Castaing, P., Un.

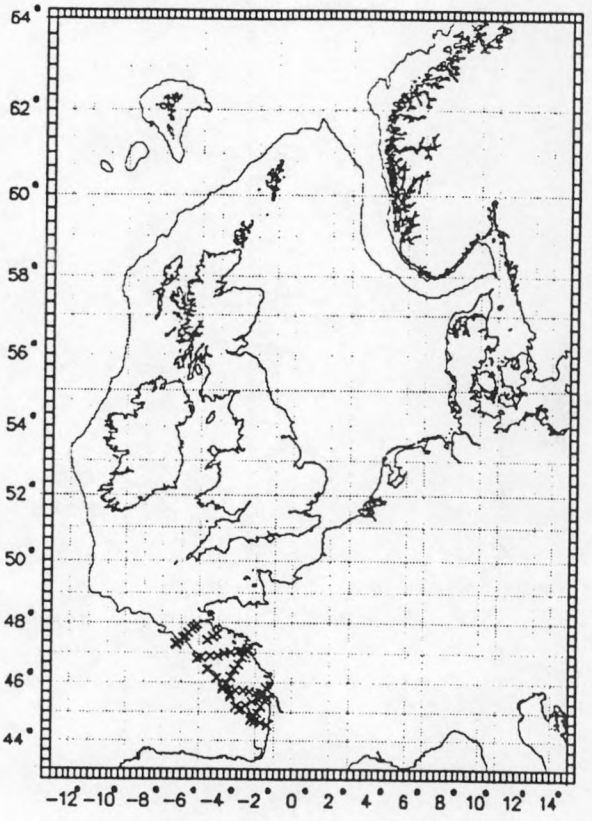
UNITS : GRD C

NO. OF POSITIONS : 67

NO. OF DATA : 8204

MINIMUM : 8.17

MAXIMUM : 12.95



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

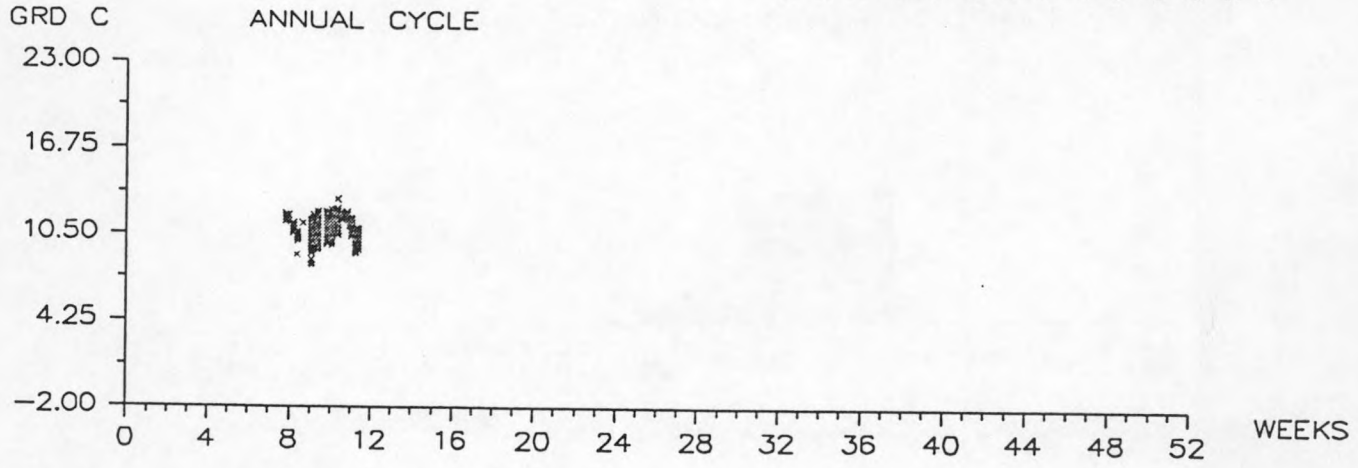
FIRST WEEK : 1

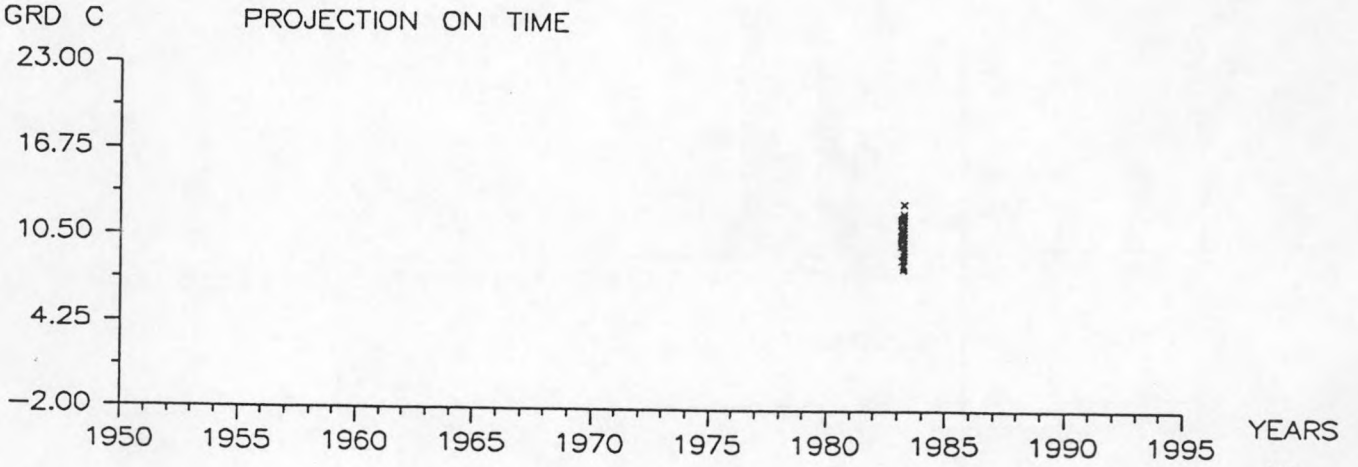
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



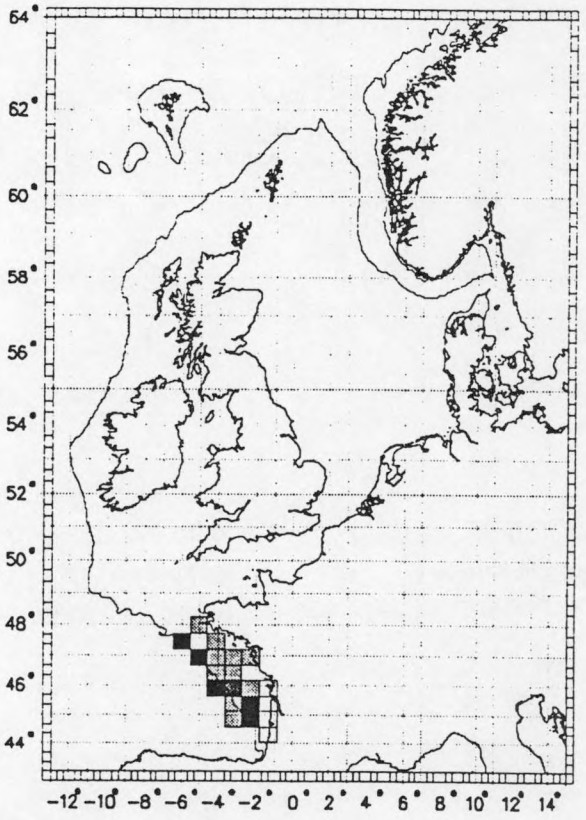


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010101
ENAME : CRESO/Castaing, P., Un.
UNITS : GRD C
NO. OF DATA : 8204
NO. OF POSITIONS : 67



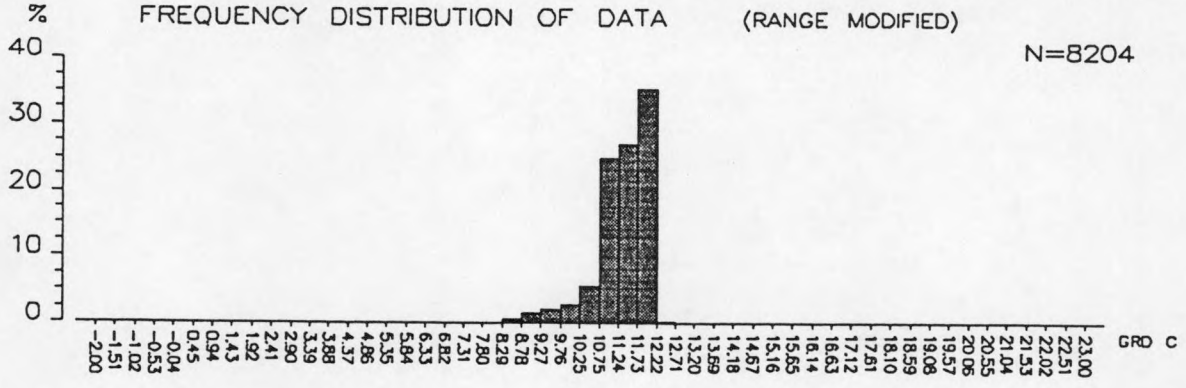
NO. OF DATA/AREA :
(without longterm data series !)

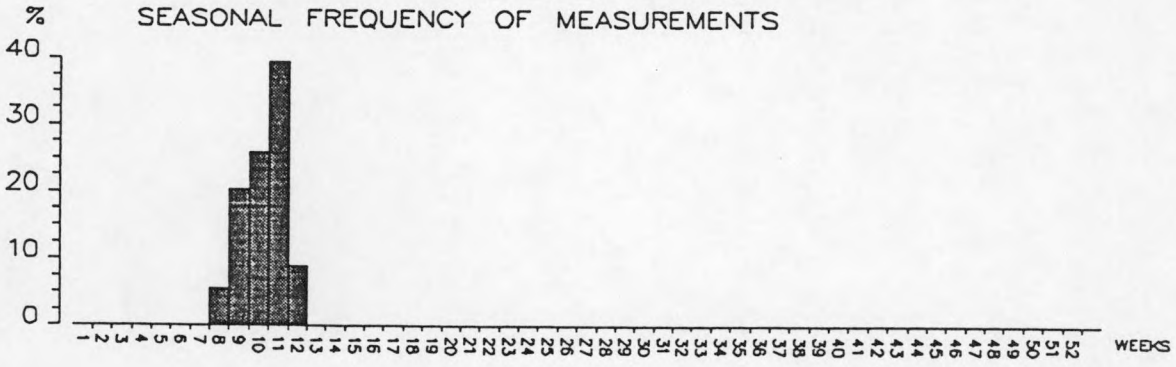
<	1299	<	556
<	1113	<	371
<	927	<	185
<	742	=	0

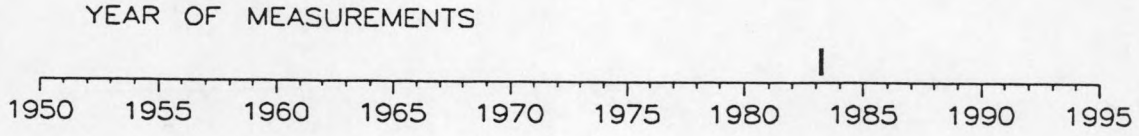
MINIMUM : 8.17
MAXIMUM : 12.95

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-11-16

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010101

ENAME : CRESO/Castaing, P., Fr.

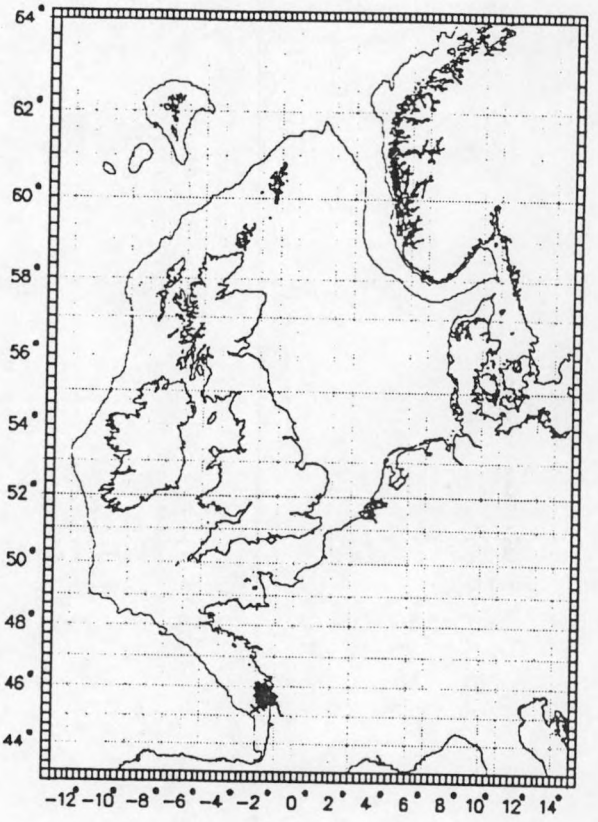
UNITS : GRD C

NO. OF POSITIONS : 87

NO. OF DATA : 2797

MINIMUM : 9.99

MAXIMUM : 20.75



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

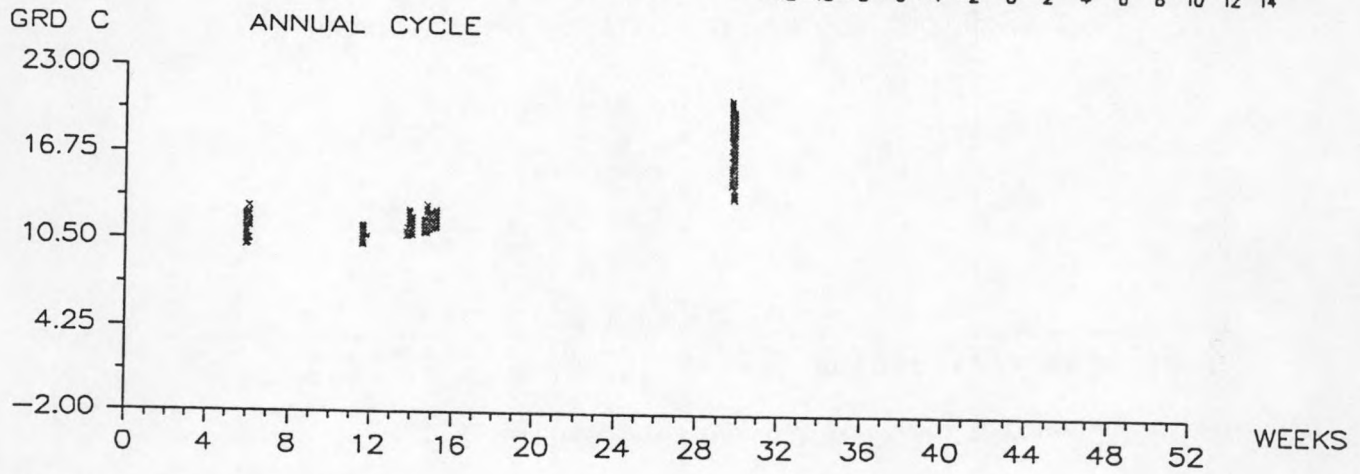
FIRST WEEK : 1

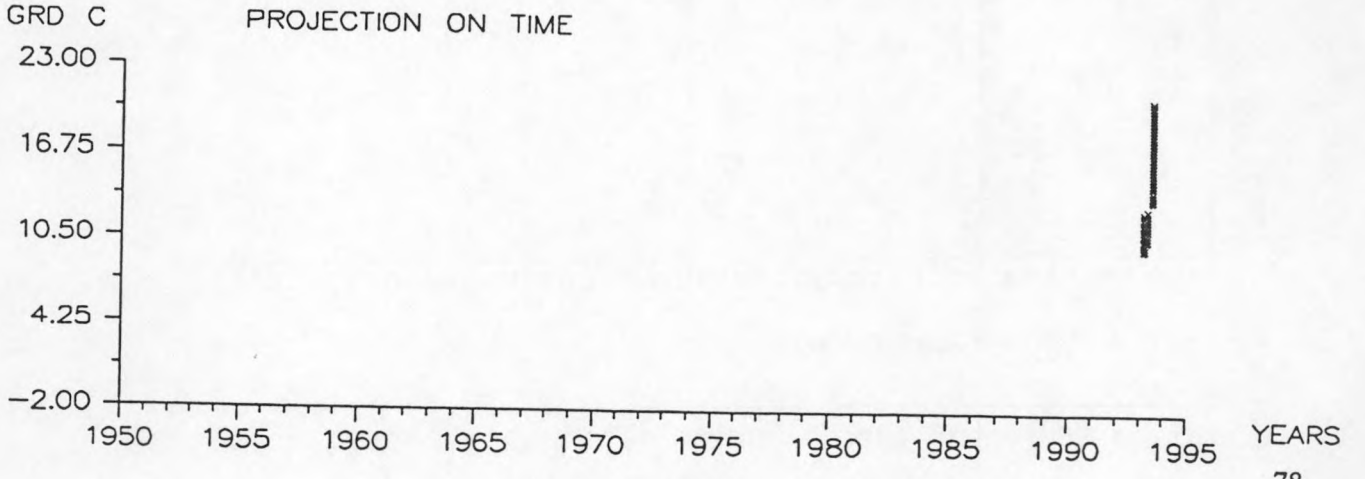
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



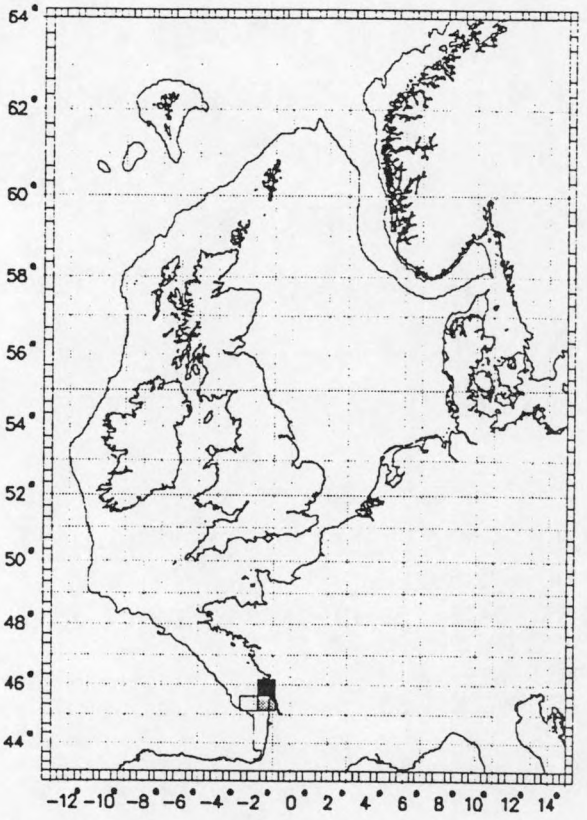


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010101
ENAME : CRESO/Castaing, P., Fr.
UNITS : GRD C
NO. OF DATA : 2797
NO. OF POSITIONS : 87



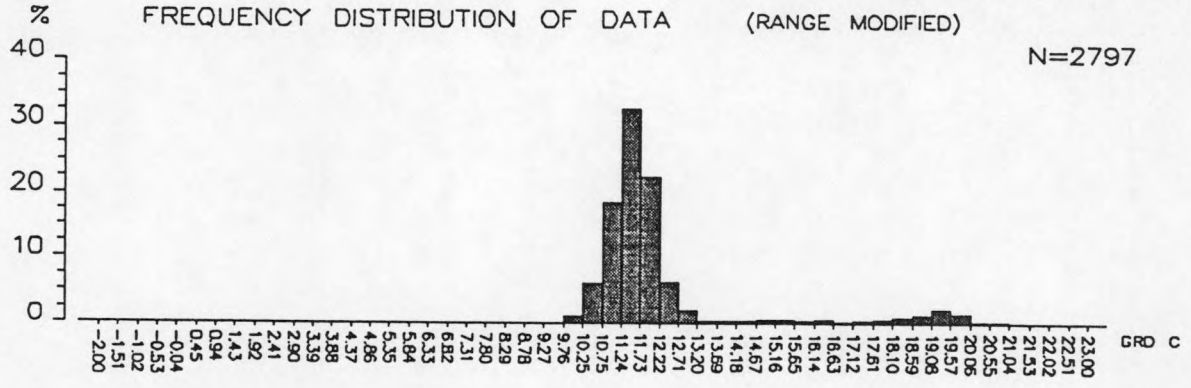
NO. OF DATA/AREA :
(without longterm data series !)

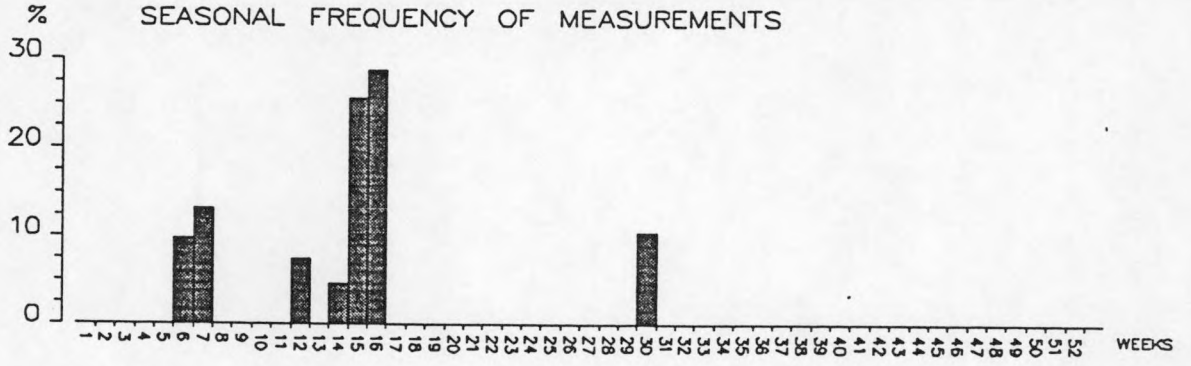
< 2269	< 972
< 1944	< 648
< 1620	< 324
< 1296	= 0

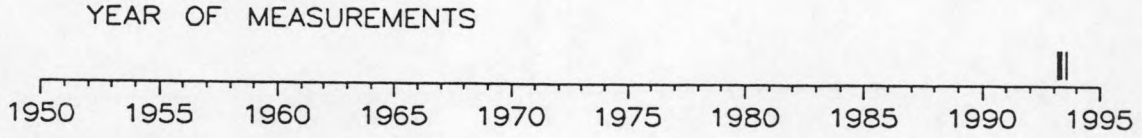
MINIMUM : 9.99
MAXIMUM : 20.75

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-11-16

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010101

ENAME : CRESEO/Castaing, P., J.

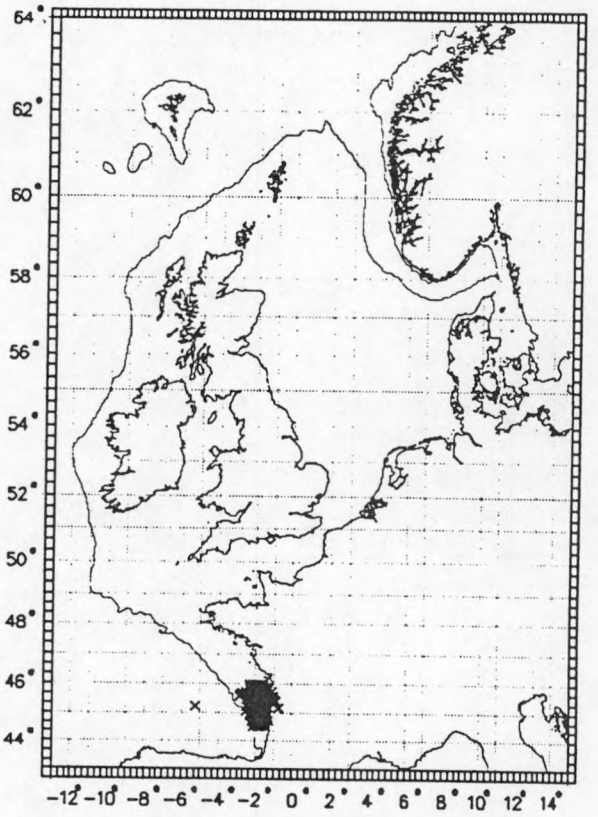
UNITS : GRD C

NO. OF POSITIONS : 212

NO. OF DATA : 15389

MINIMUM : 11.29

MAXIMUM : 27.65



NO. OF DATA OUT OF RANGE : 1

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

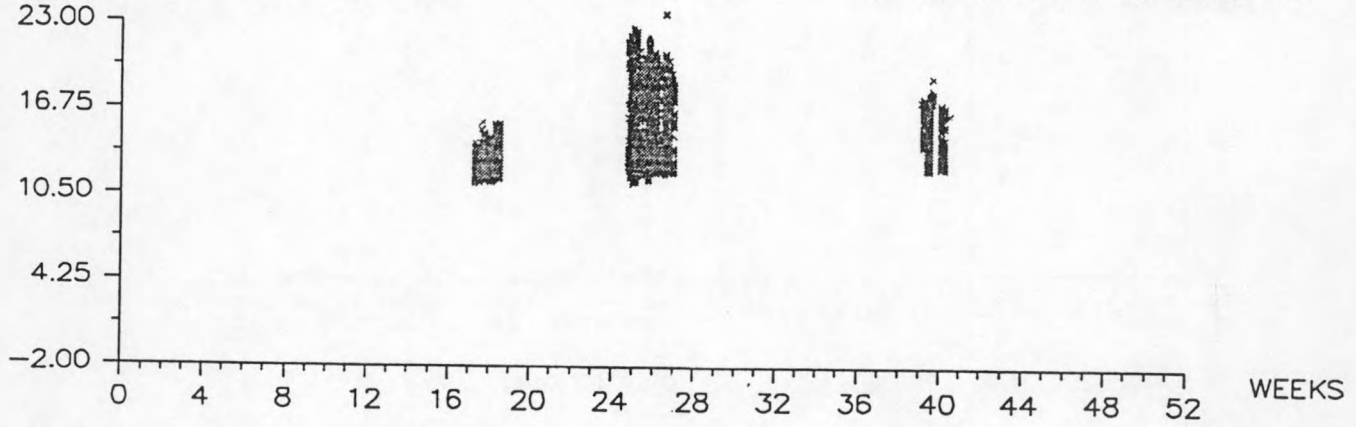
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

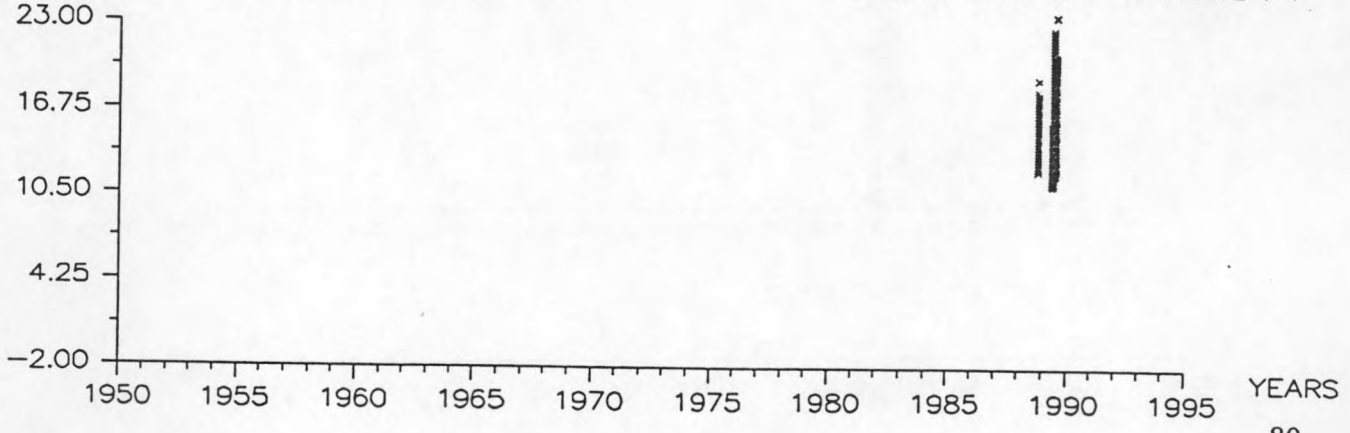
LOWER : 2000

GRD C ANNUAL CYCLE



GRD C PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 1

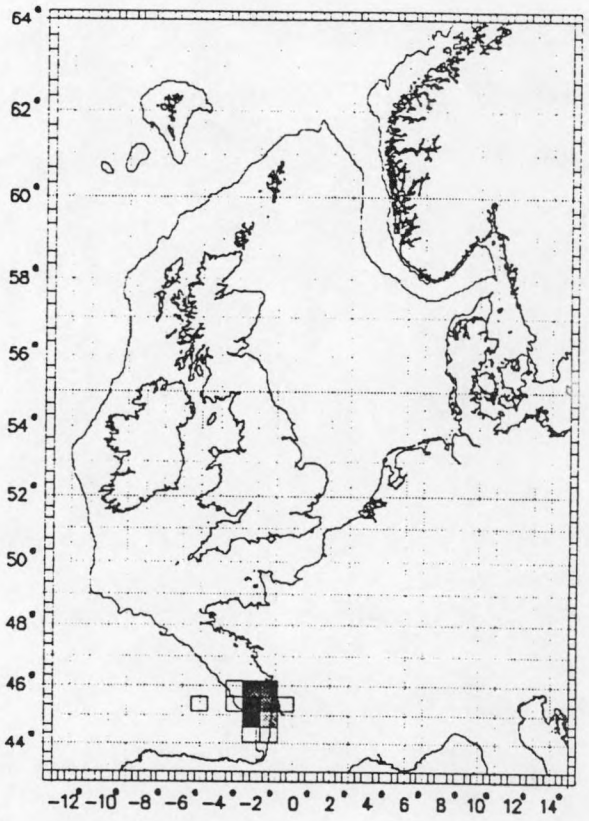


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010101
ENAME : CRESEO/Castaing, P., J.
UNITS : GRD C
NO. OF DATA : 15389
NO. OF POSITIONS : 212



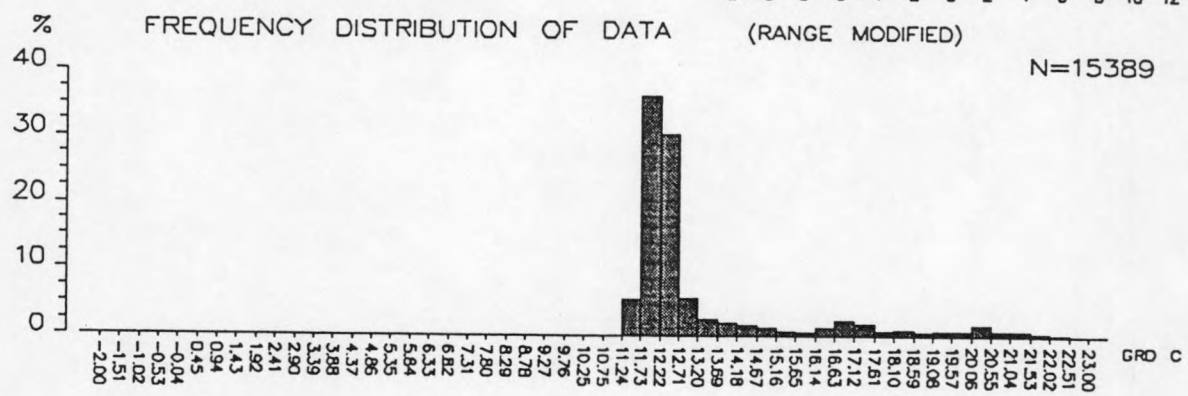
NO. OF DATA/AREA :
(without longterm data series !)

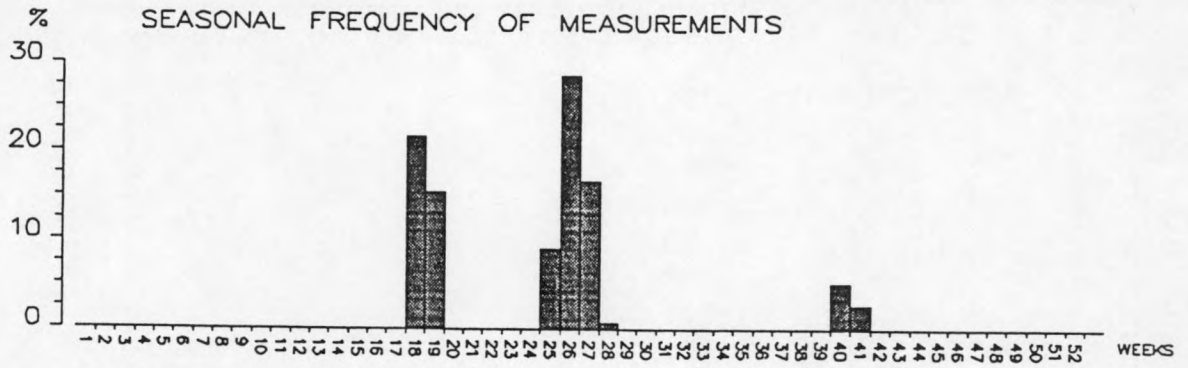
< 4967	< 2128
< 4257	< 1419
< 3547	< 709
< 2838	= 0

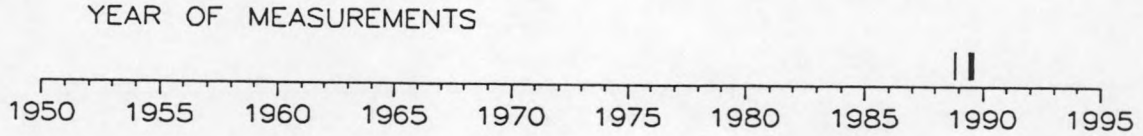
MINIMUM : 11.29
MAXIMUM : 27.65

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010201

ENAME : ESU/Wilson, J.

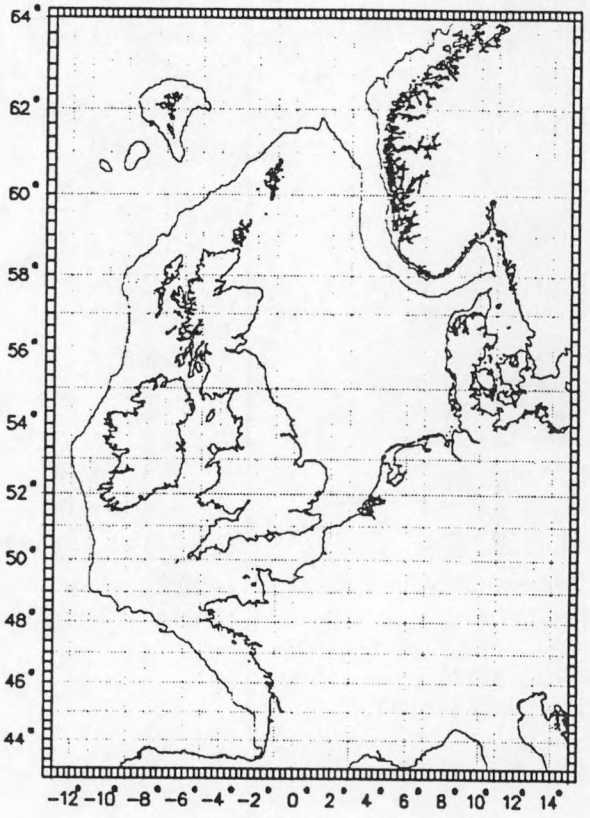
UNITS : GRD C

NO. OF POSITIONS : 1

NO. OF DATA : 37

MINIMUM : 14.00

MAXIMUM : 17.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

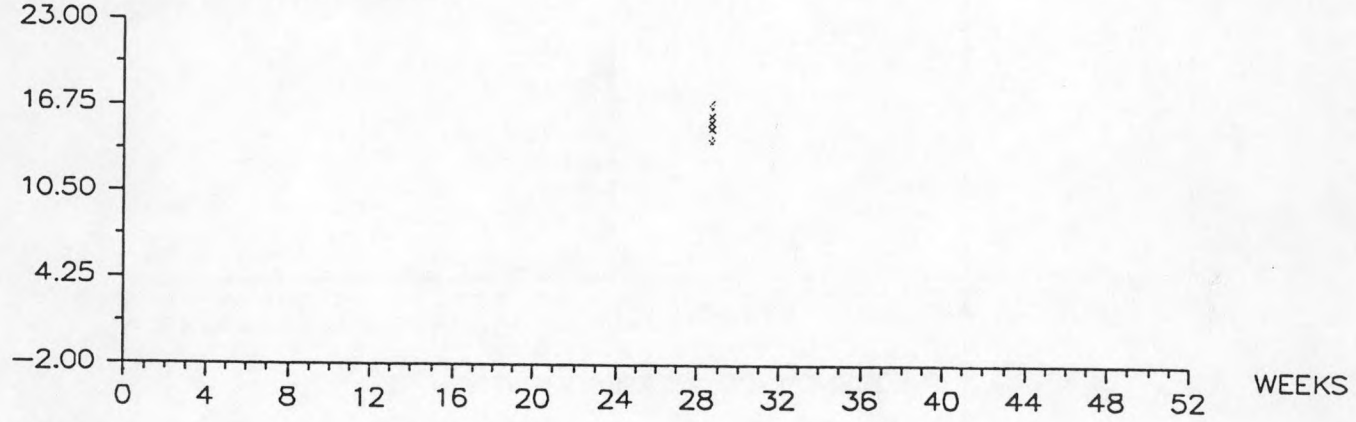
LAST WEEK : 53

DEPTH–RANGE

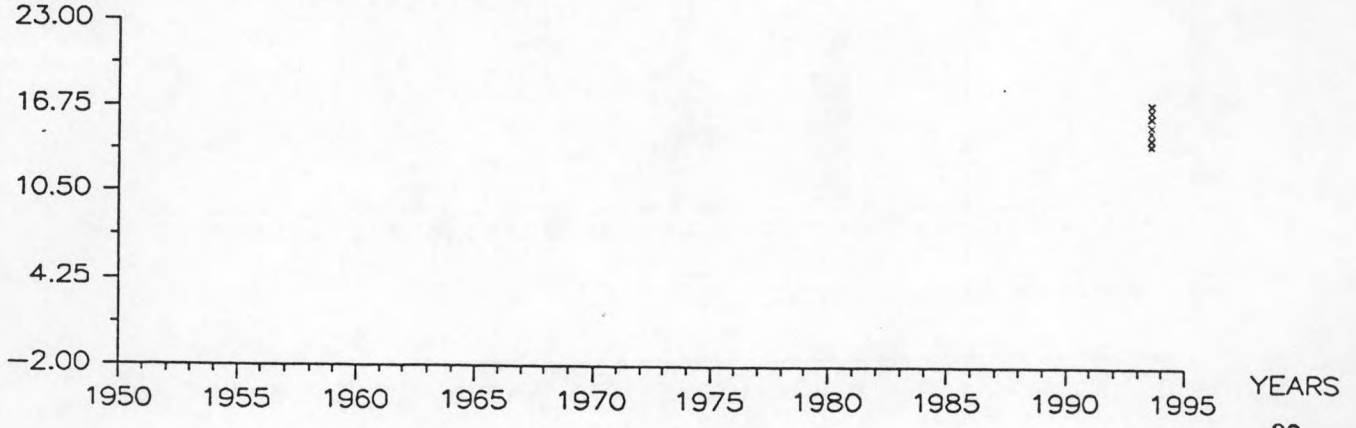
UPPER : 0

LOWER : 2000

GRD C ANNUAL CYCLE



GRD C PROJECTION ON TIME

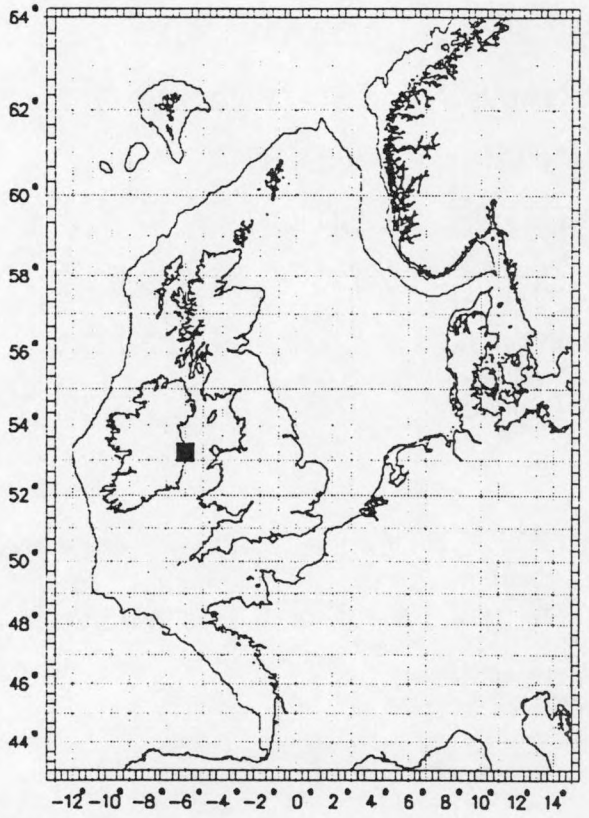


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010201
ENAME : ESU/Wilson, J.
UNITS : GRD C
NO. OF DATA : 37
NO. OF POSITIONS : 1



NO. OF DATA/AREA :
(without longterm data series !)

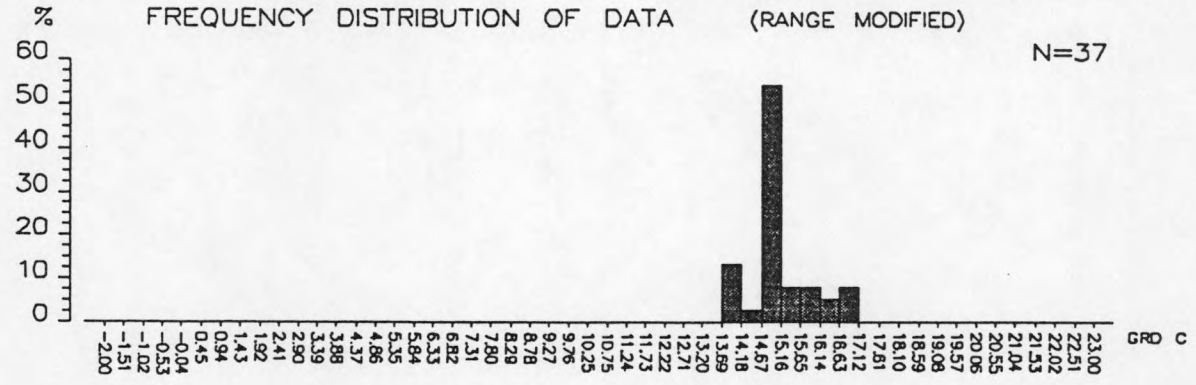
< 37
< 31
< 26
< 21

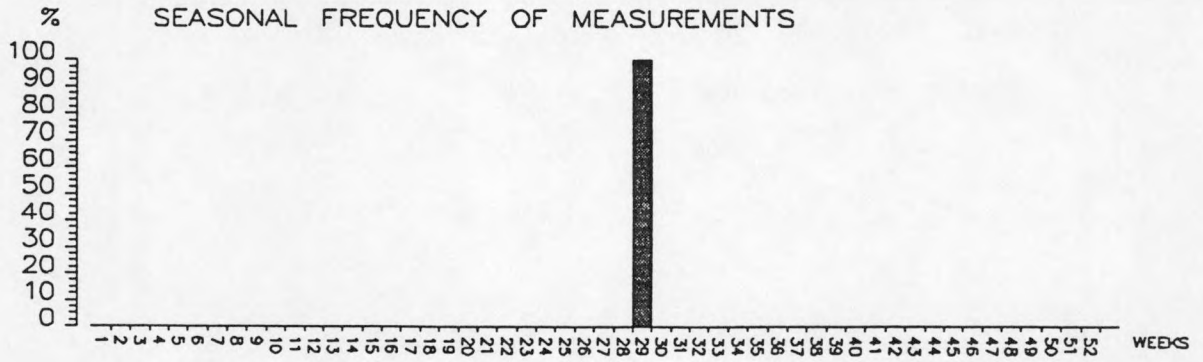
< 15
< 10
< 5
= 0

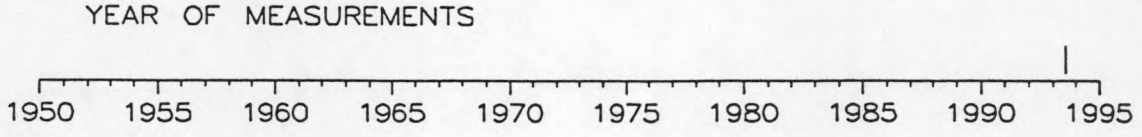
MINIMUM : 14.00
MAXIMUM : 17.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-11-16

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001011001

ENAME : ESU/Wilson, J.

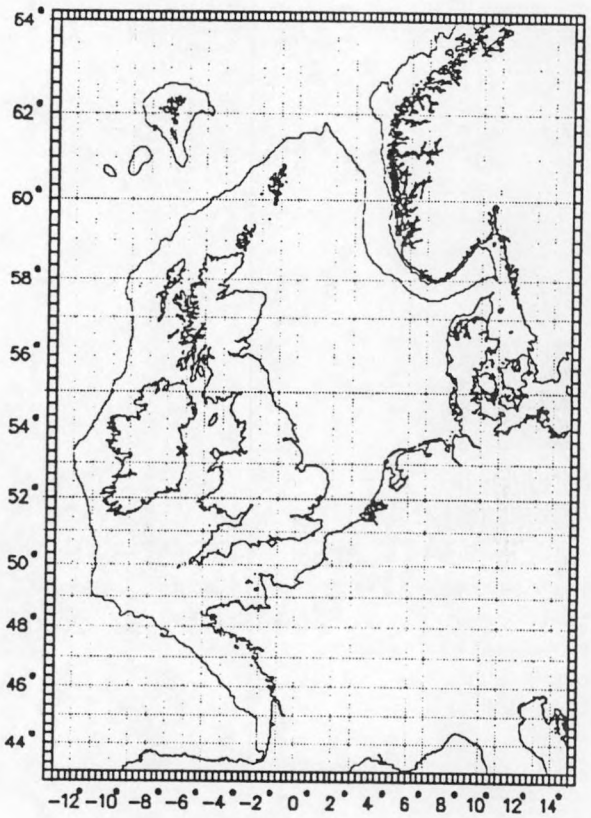
UNITS : GRD C

NO. OF POSITIONS : 2

NO. OF DATA : 253

MINIMUM : 14.00

MAXIMUM : 23.30



NO. OF DATA OUT OF RANGE : 3

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

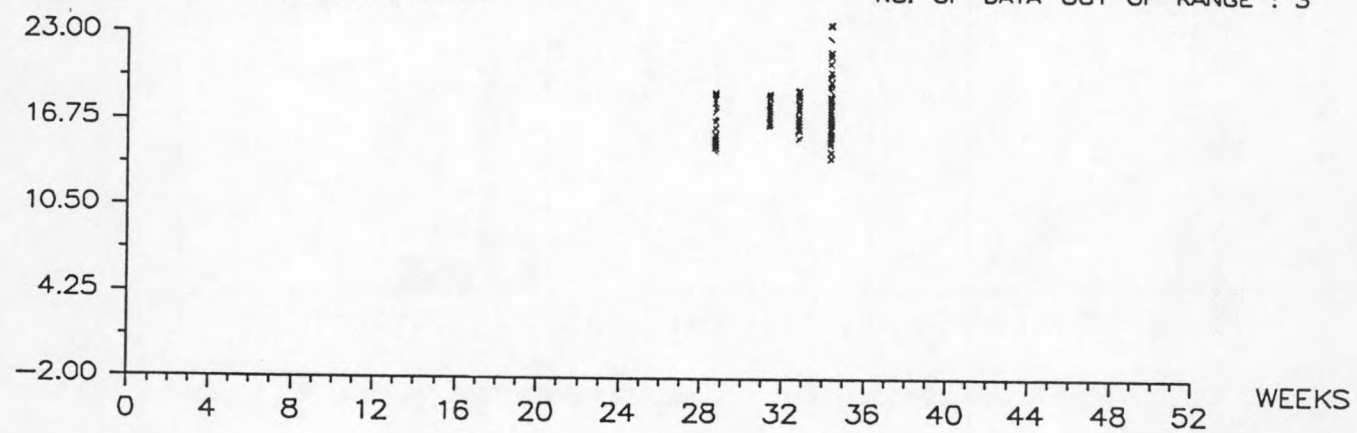
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

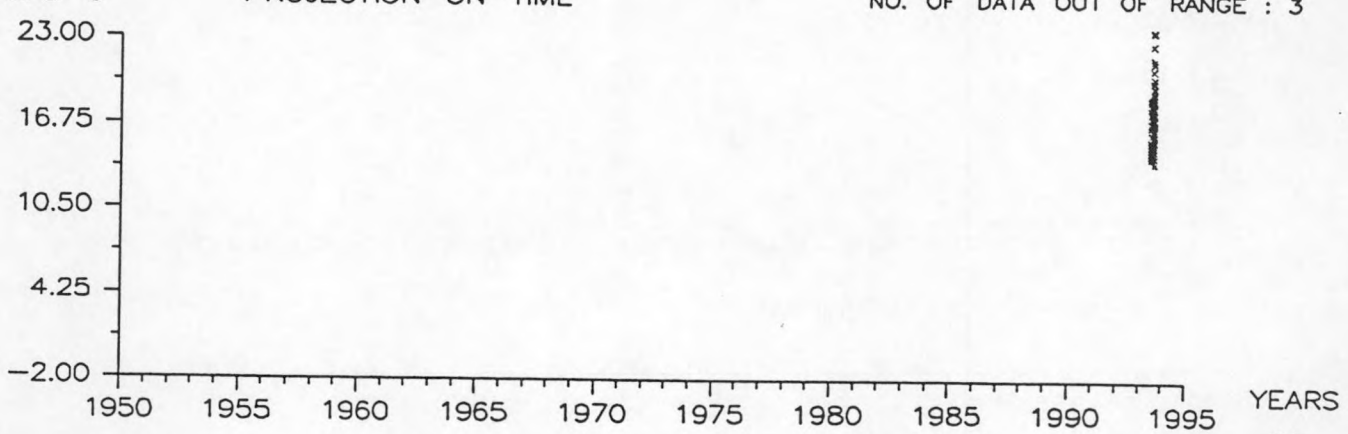
LOWER : 2000

GRD C ANNUAL CYCLE



GRD C PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 3



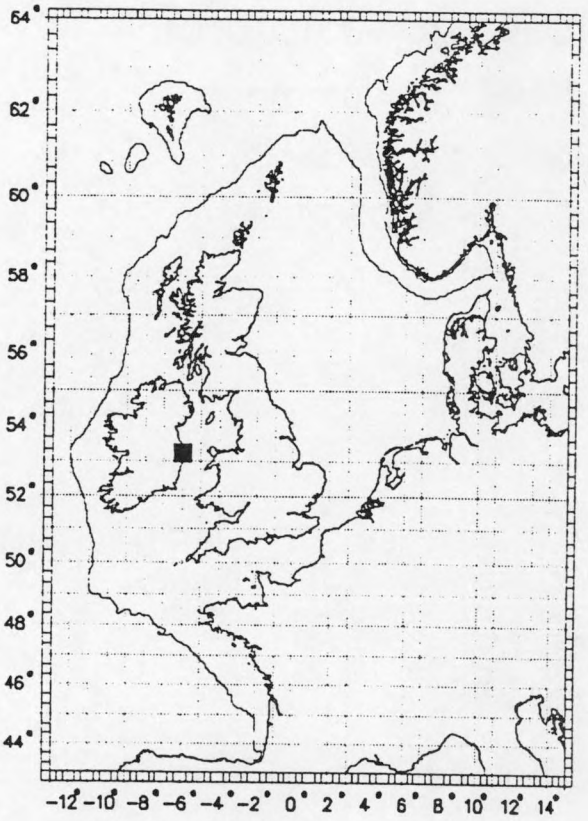
96–11–16

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001011001
ENAME : ESU/Wilson, J.
UNITS : GRD C
NO. OF DATA : 253
NO. OF POSITIONS : 2



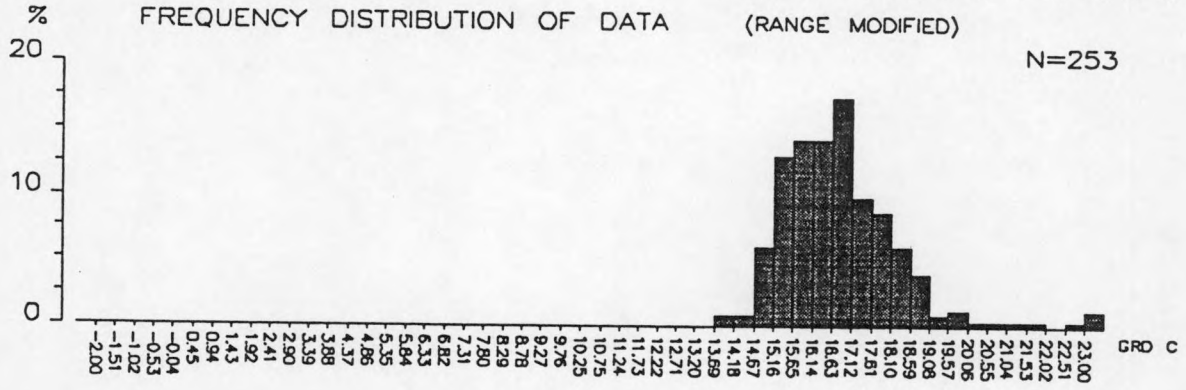
NO. OF DATA/AREA :
(without longterm data series !)

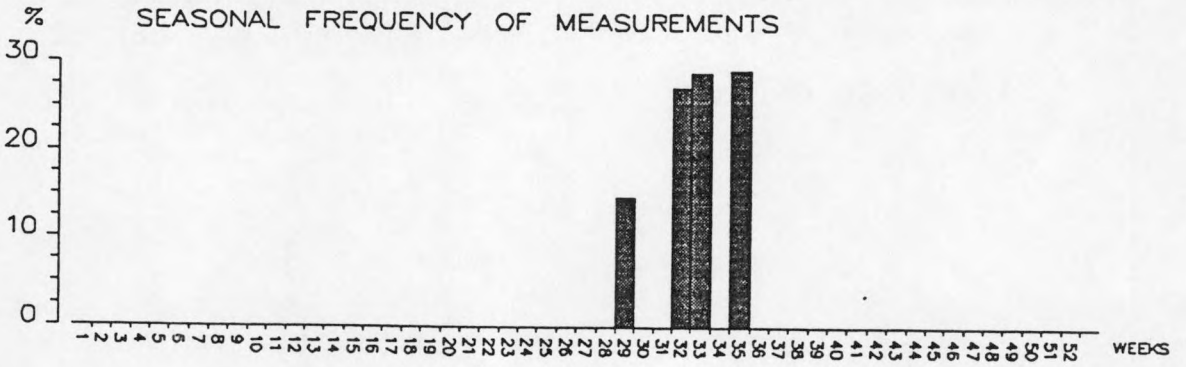
< 253	< 108
< 216	< < 72
< 180	< < 36
< 144	= 0

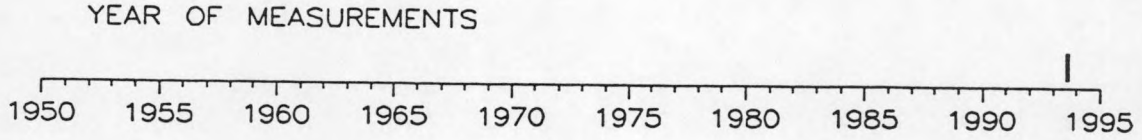
MINIMUM : 14.00
MAXIMUM : 23.30

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010201

ENAME : Lammers, S.

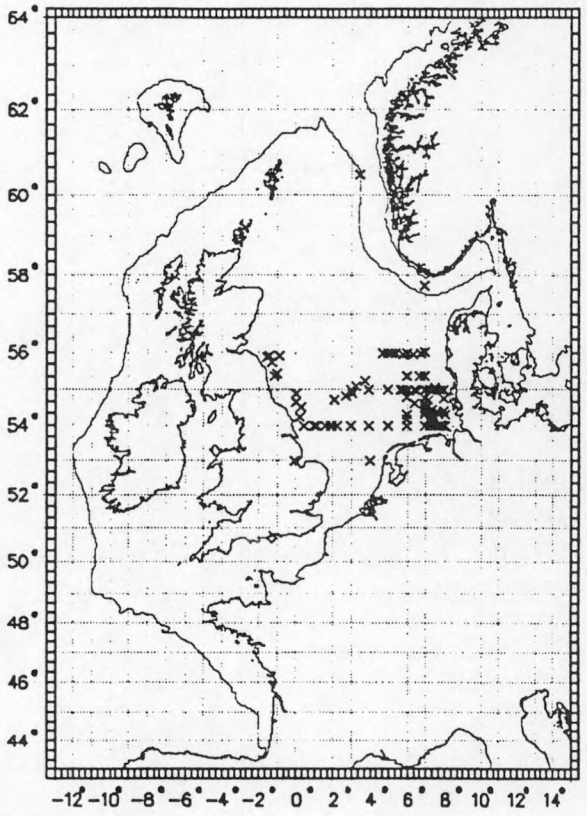
UNITS : GRD C

NO. OF POSITIONS : 119

NO. OF DATA : 430

MINIMUM : 0.96

MAXIMUM : 16.78



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

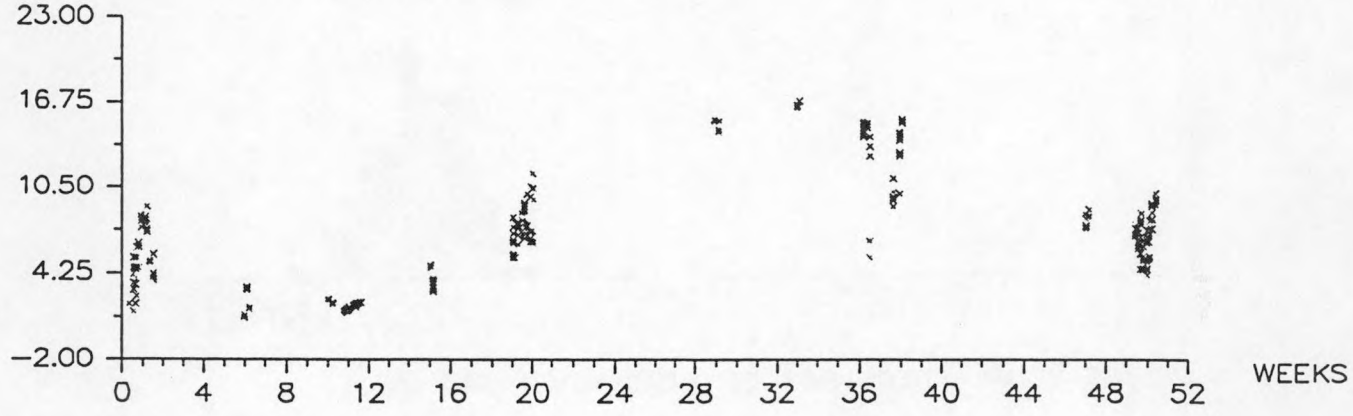
LAST WEEK : 53

DEPTH–RANGE

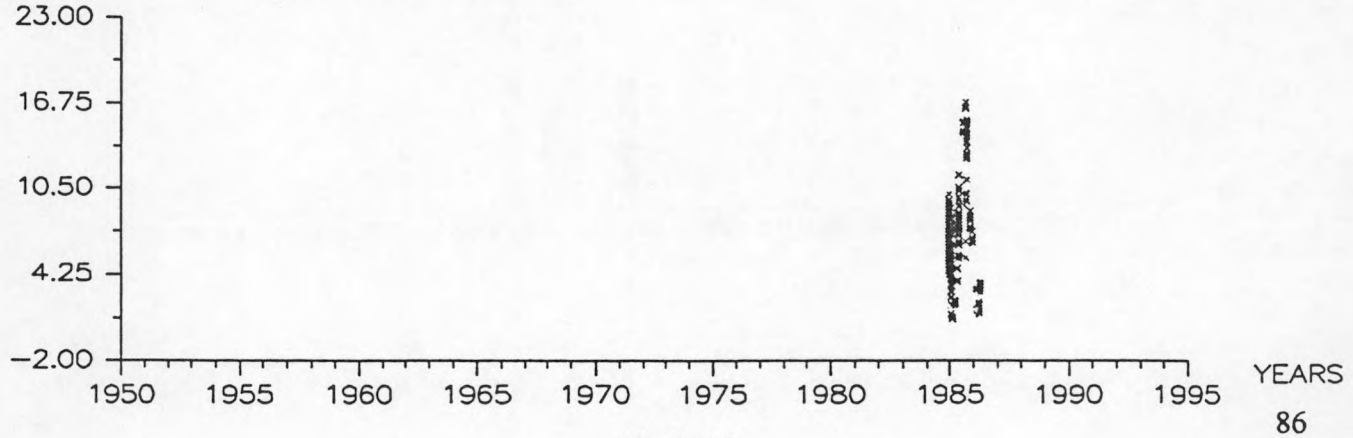
UPPER : 0

LOWER : 2000

GRD C ANNUAL CYCLE



GRD C PROJECTION ON TIME



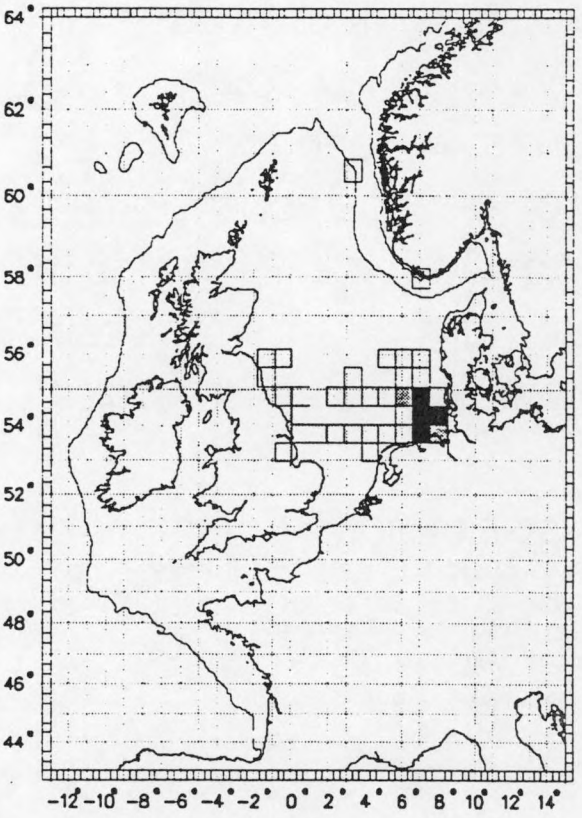
96–11–16

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010201
ENAME : Lammers, S.
UNITS : GRD C
NO. OF DATA : 430
NO. OF POSITIONS : 119



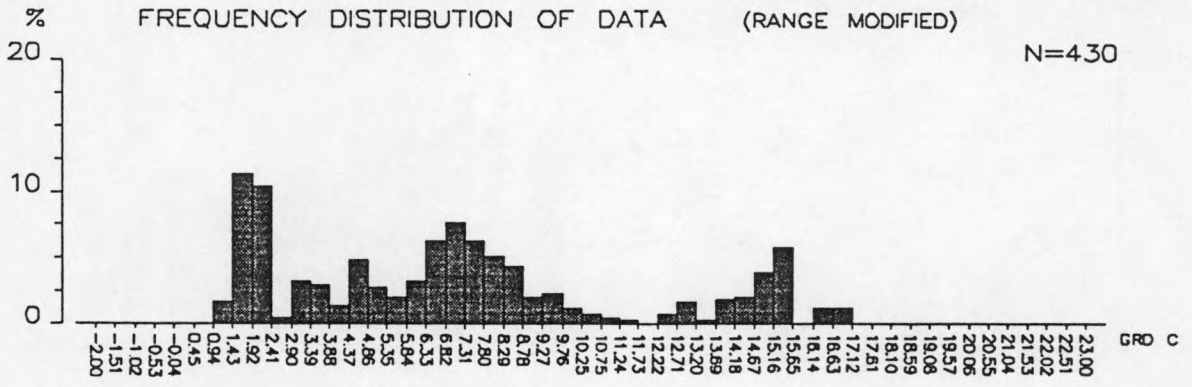
NO. OF DATA/AREA :
(without longterm data series !)

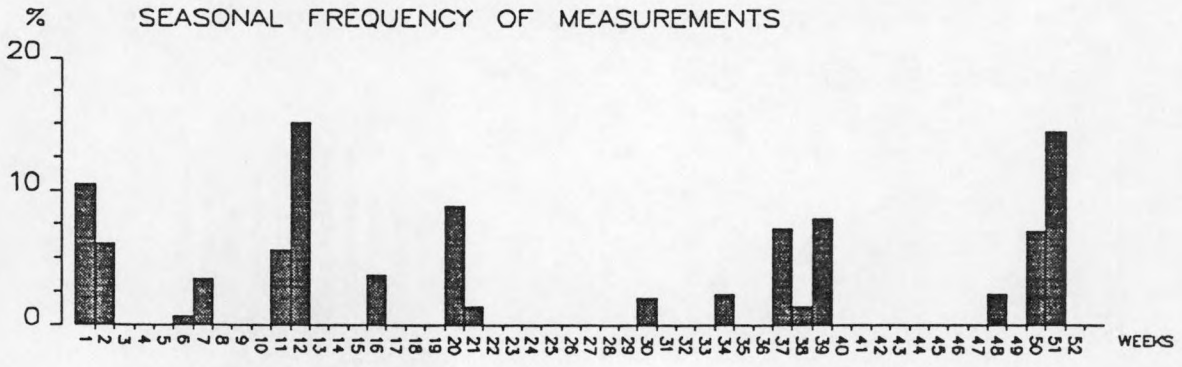
<	103	<	44
<	88	<	29
<	73	<	14
<	58	=	0

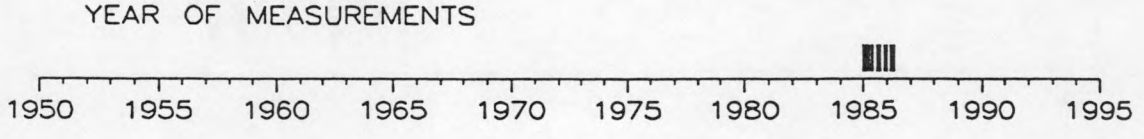
MINIMUM : 0.96
MAXIMUM : 16.78

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-11-16

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : HELCOM

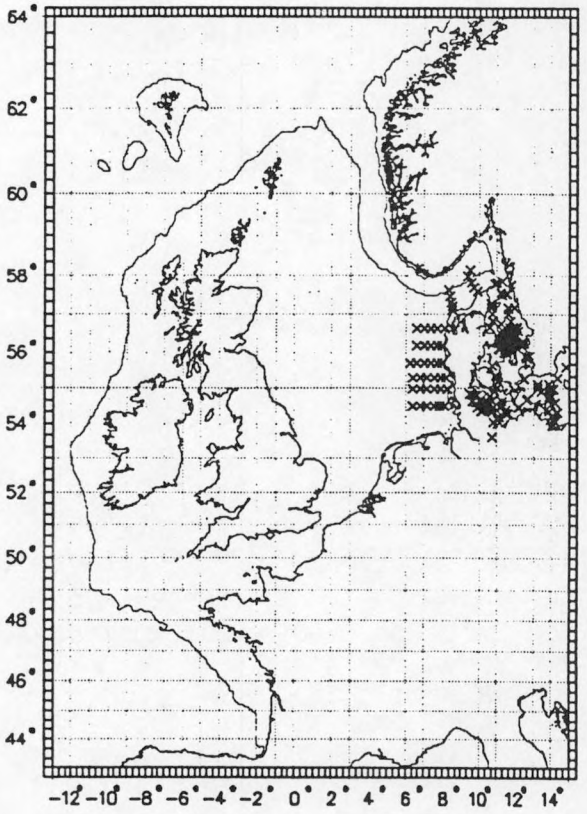
UNITS : GRD C

NO. OF POSITIONS : 244

NO. OF DATA : 15948

MINIMUM : −0.97

MAXIMUM : 20.99



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

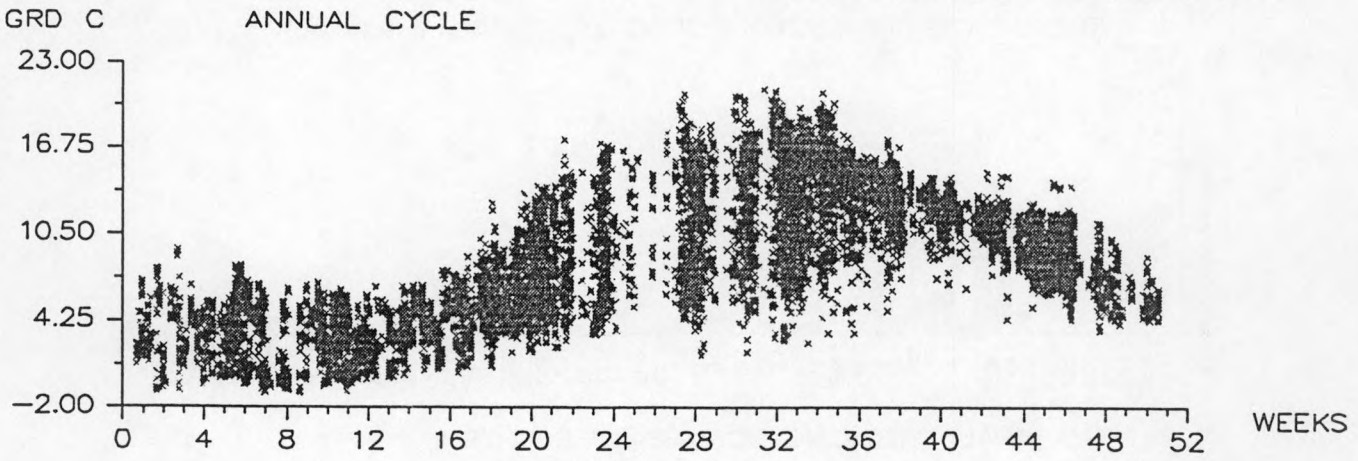
FIRST WEEK : 1

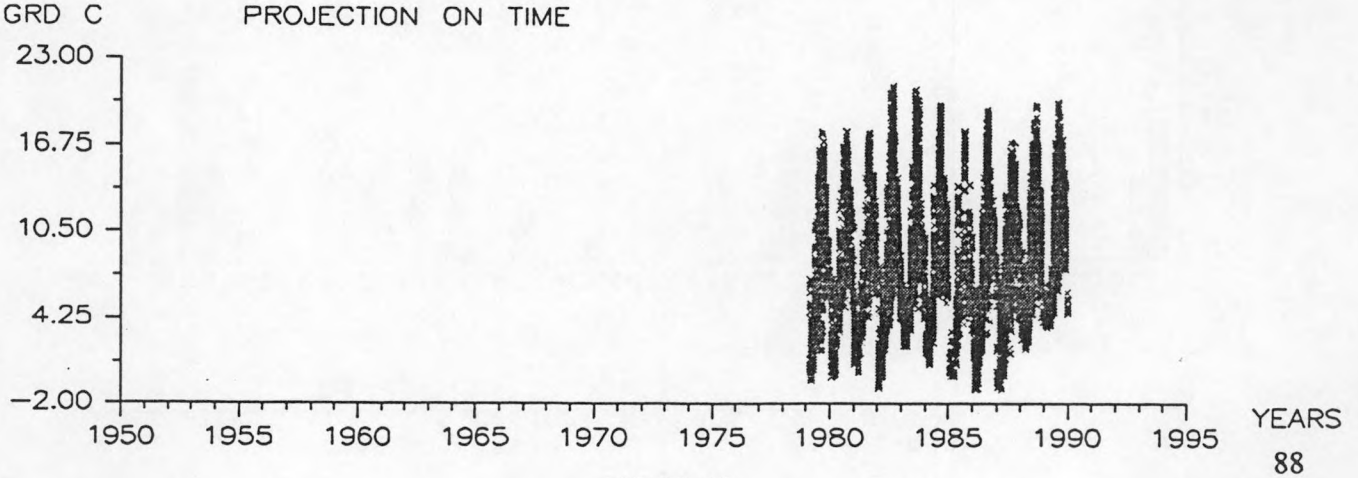
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





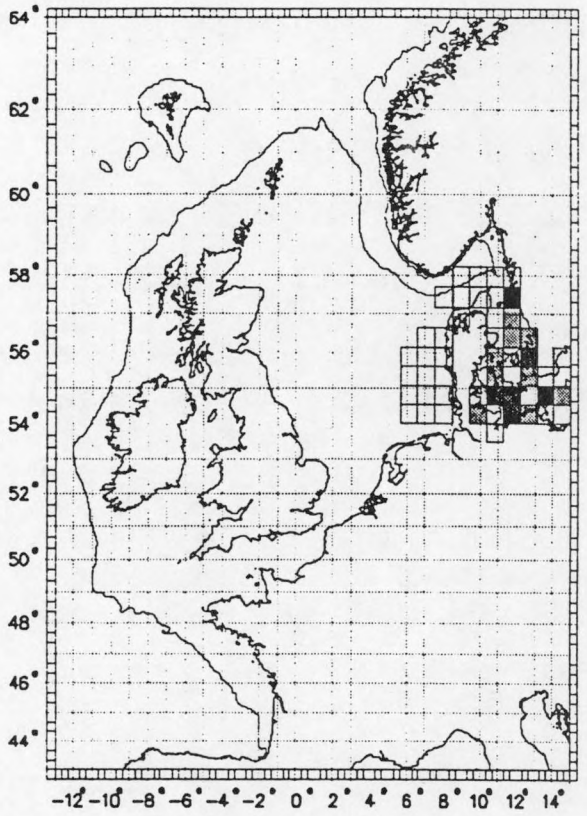
96–11–15

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : HELCOM
UNITS : GRD C
NO. OF DATA : 15948
NO. OF POSITIONS : 244



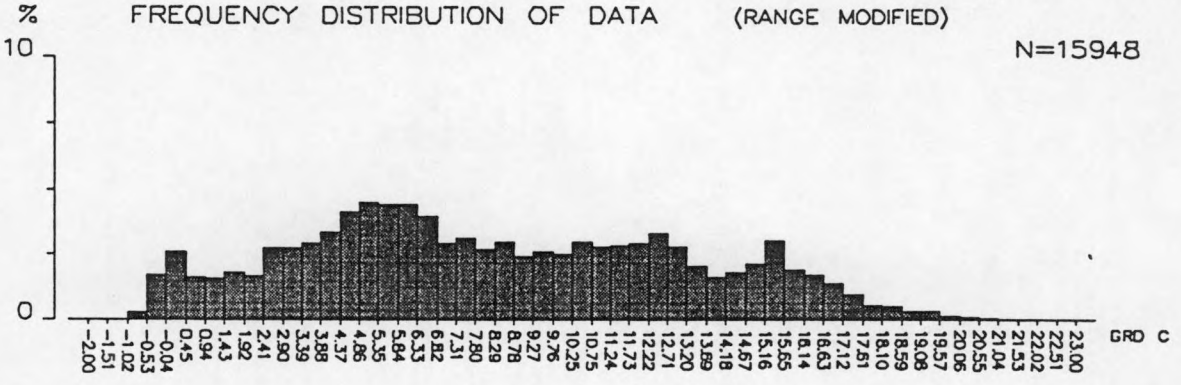
NO. OF DATA/AREA :
(without longterm data series !)

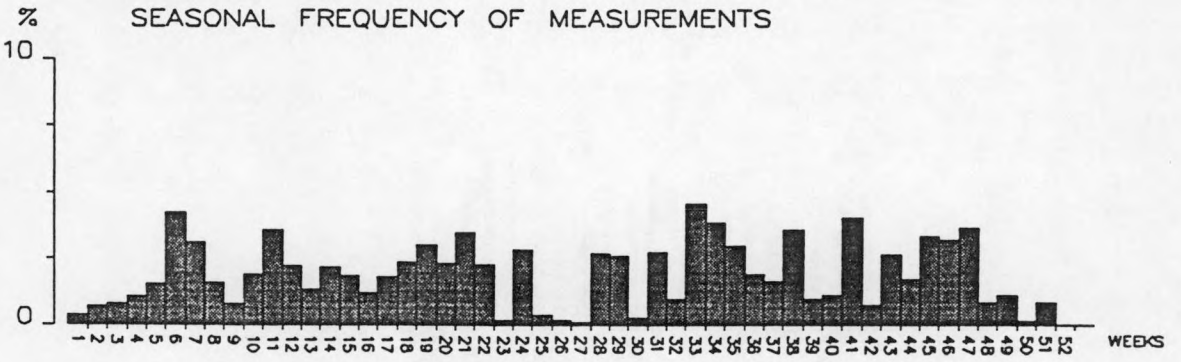
< 2797	< 1198
< 2397	< 799
< 1997	< 399
< 1598	= 0

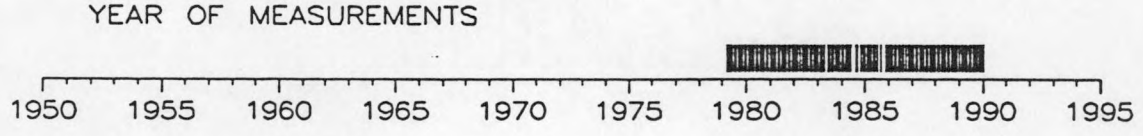
MINIMUM : −0.97
MAXIMUM : 20.99

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







96−11−15

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : ICES

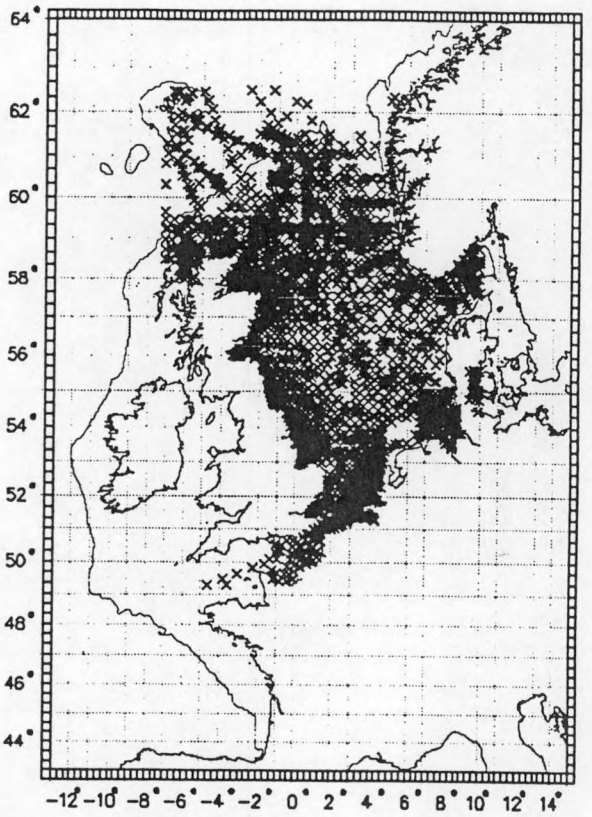
UNITS : GRD C

NO. OF POSITIONS : 4481

NO. OF DATA : 34334

MINIMUM : −1.77

MAXIMUM : 27.74



NO. OF DATA OUT OF RANGE : 1

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

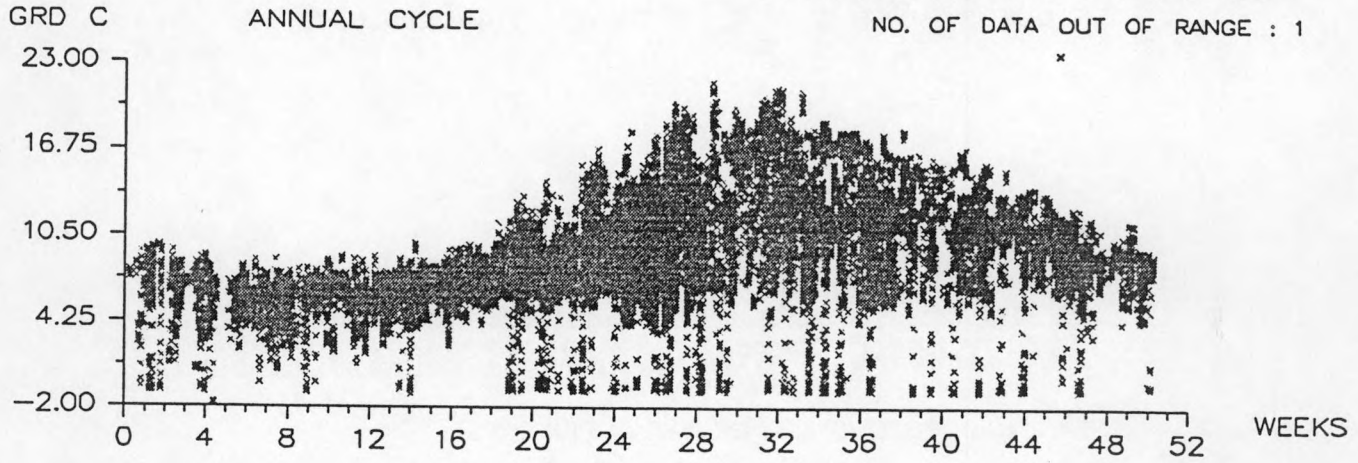
FIRST WEEK : 1

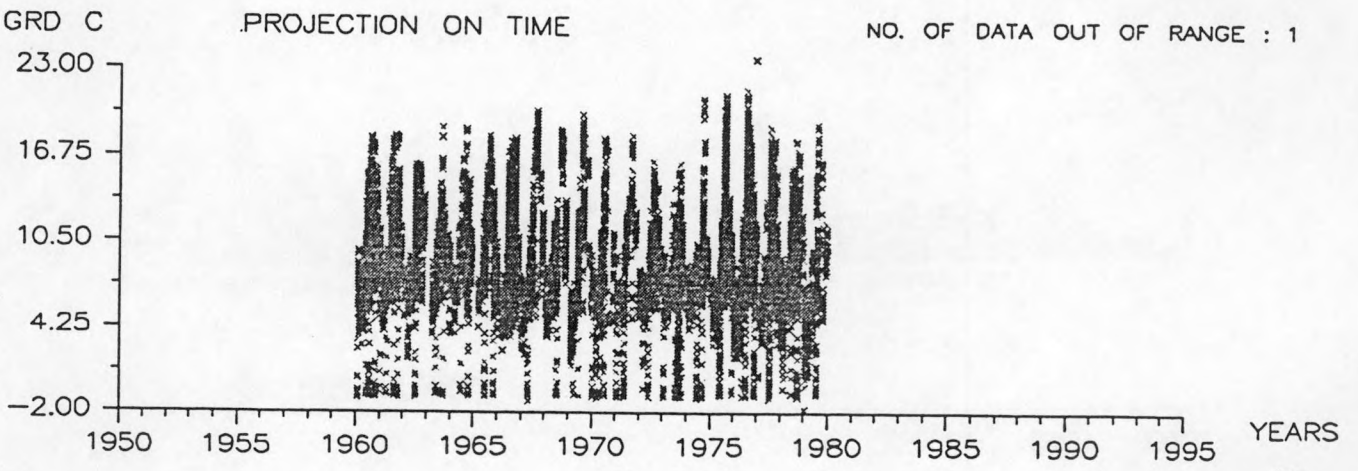
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : ICES
UNITS : GRD C
NO. OF DATA : 34334
NO. OF POSITIONS : 4481

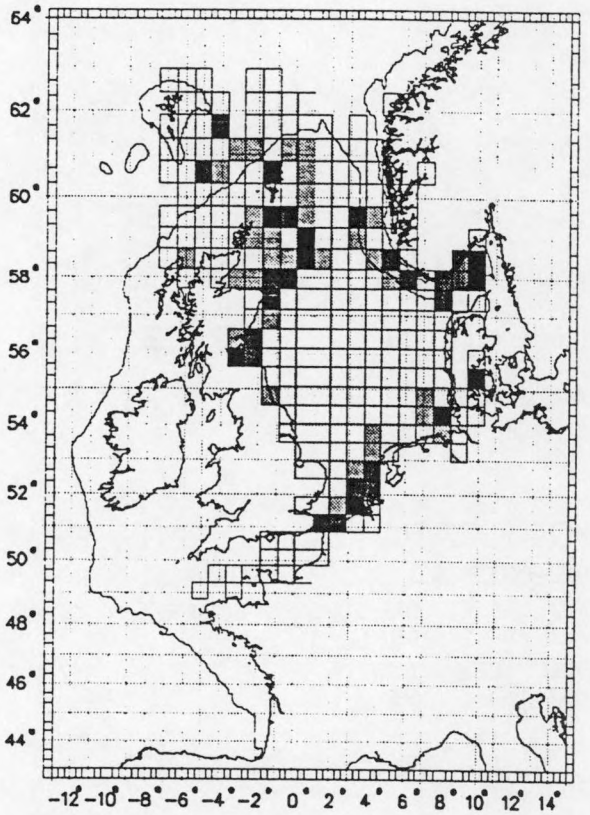
NO. OF DATA/AREA :
(without longterm data series !)

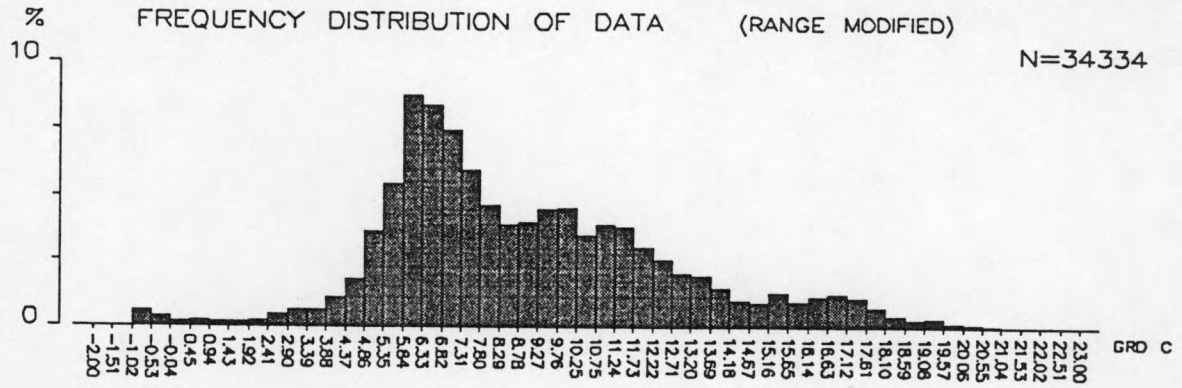
<	1202	<	515
<	1030	<	343
<	858	<	171
<	686	=	0

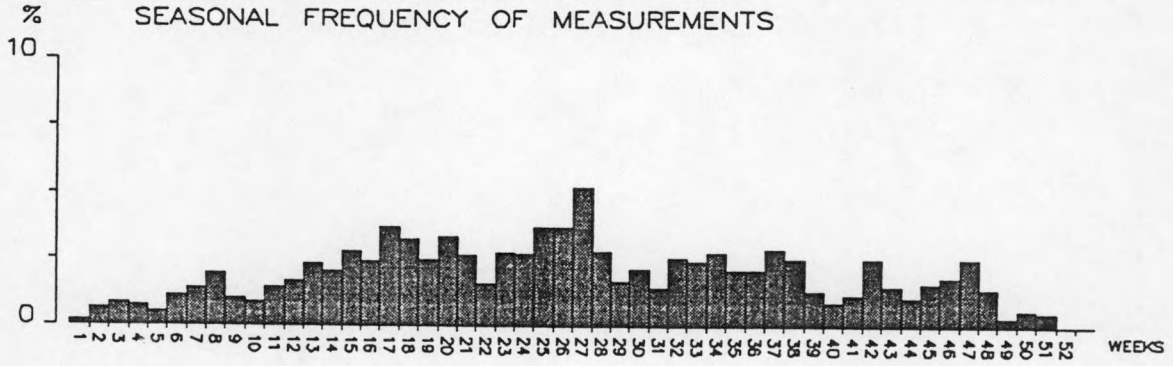
MINIMUM : −1.77
MAXIMUM : 27.74

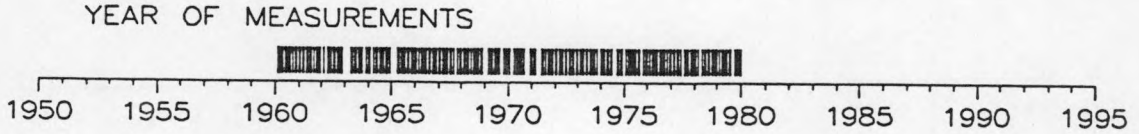
MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000









ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010201

ENAME : IfBM/Pegler, K., Univ..

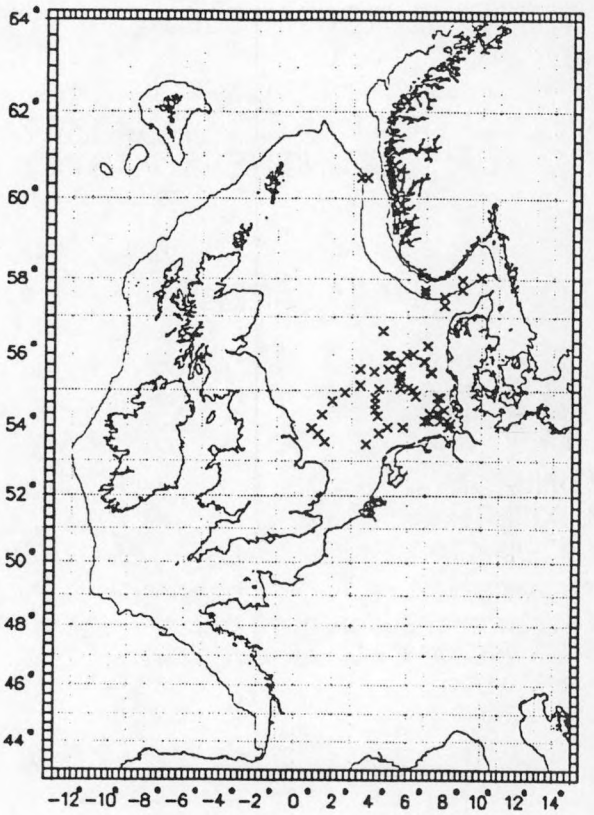
UNITS : GRD C

NO. OF POSITIONS : 67

NO. OF DATA : 306

MINIMUM : 2.31

MAXIMUM : 15.46



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

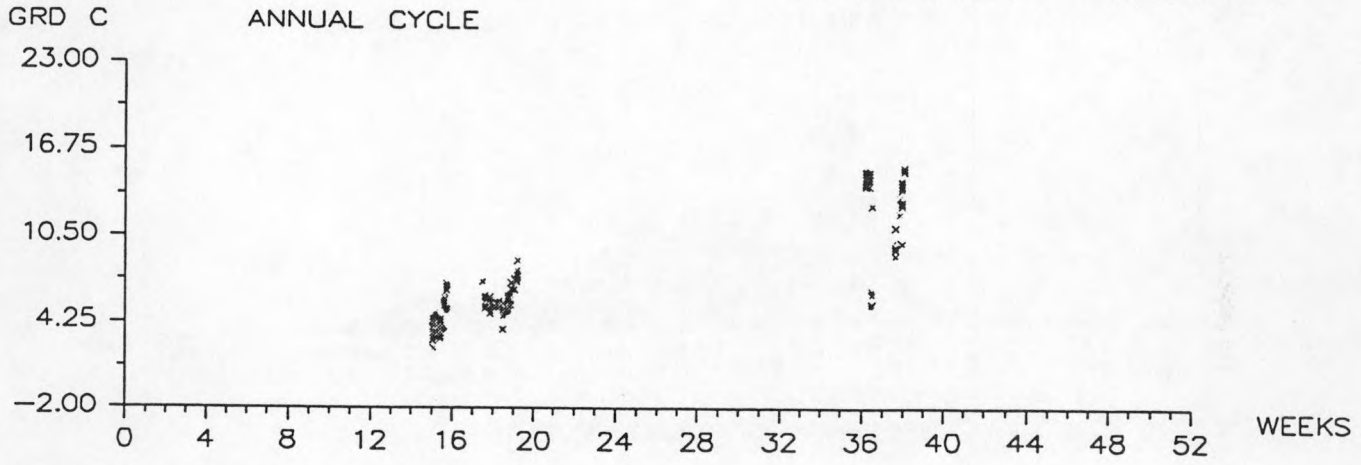
FIRST WEEK : 1

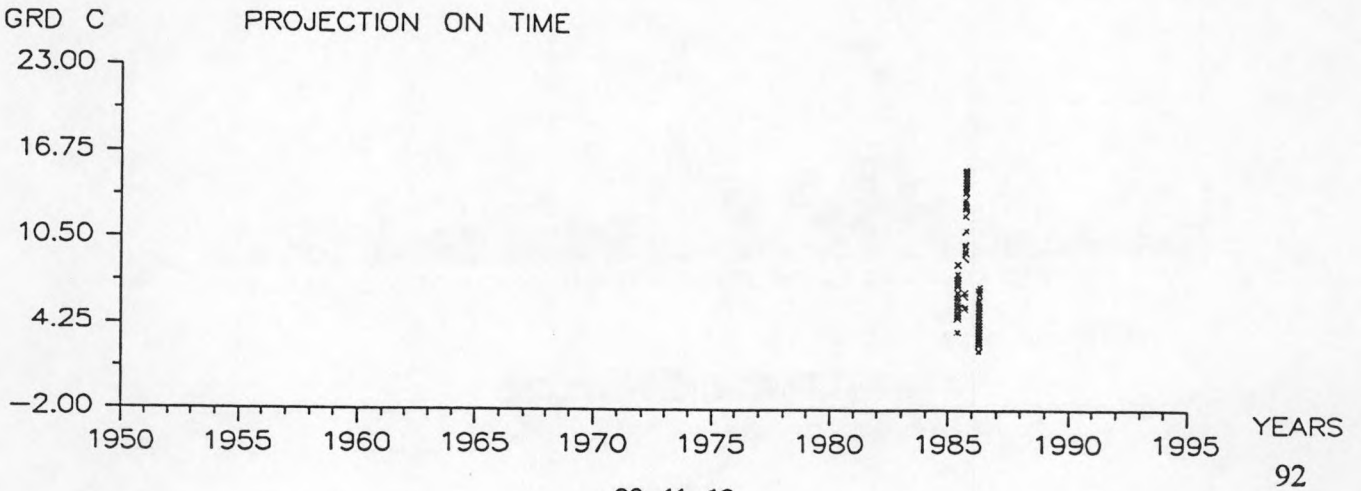
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



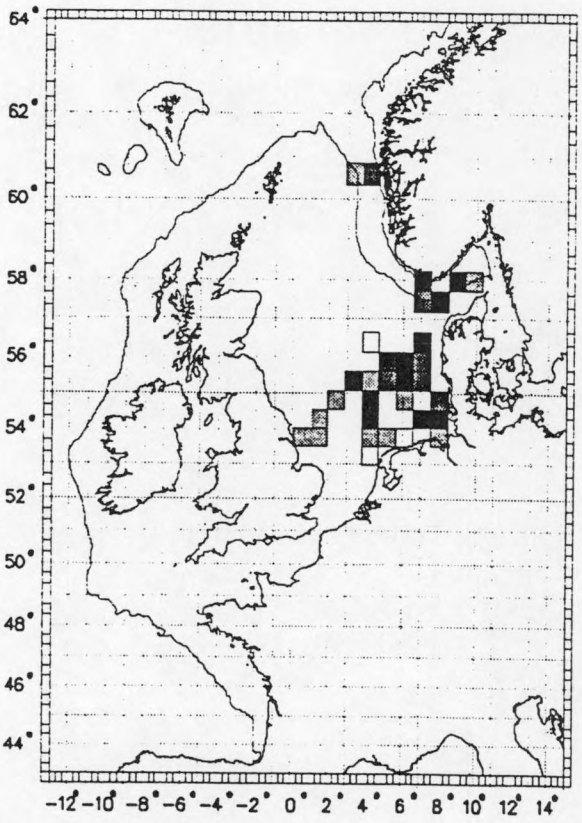


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010201
ENAME : IfBM/Pegler, K., Univ..
UNITS : GRD C
NO. OF DATA : 306
NO. OF POSITIONS : 67



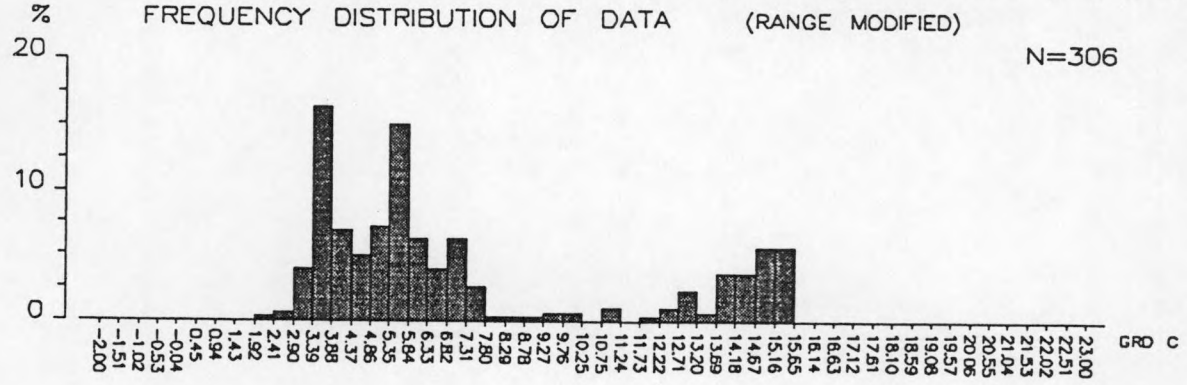
NO. OF DATA/AREA :
(without longterm data series !)

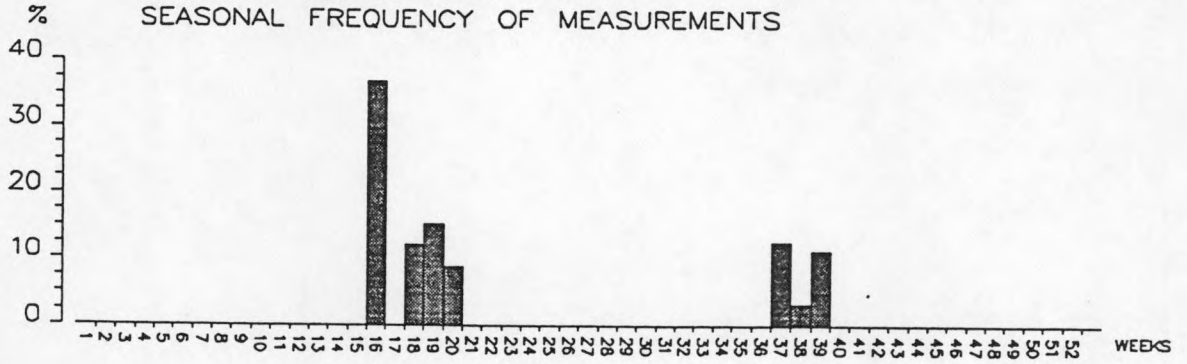
< 26	< 11
< 22	< 7
< 18	< 3
< 14	= 0

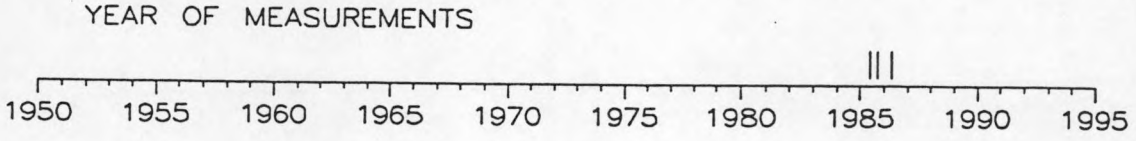
MINIMUM : 2.31
MAXIMUM : 15.46

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010101

ENAME : IFM/Radach, G., Univ. .

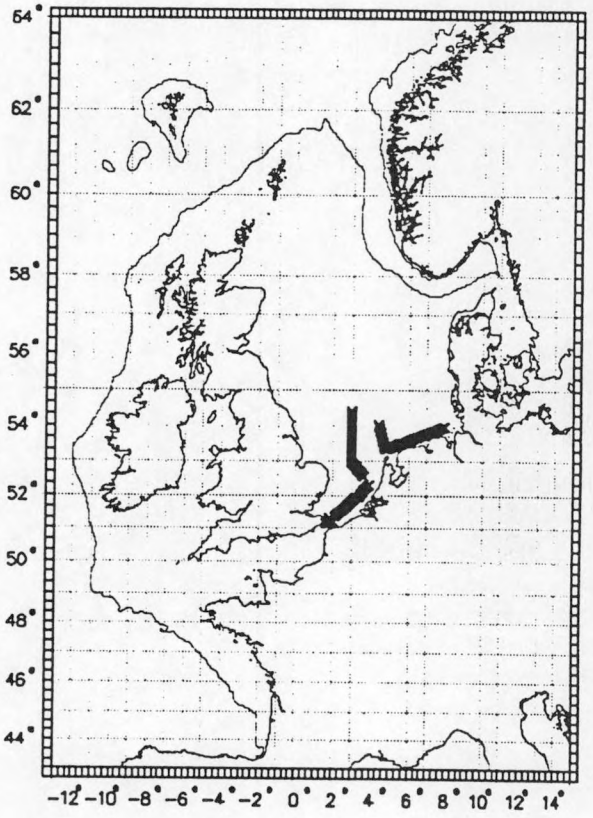
UNITS : GRD C

NO. OF POSITIONS : 2941

NO. OF DATA : 3874

MINIMUM : 7.69

MAXIMUM : 13.34



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

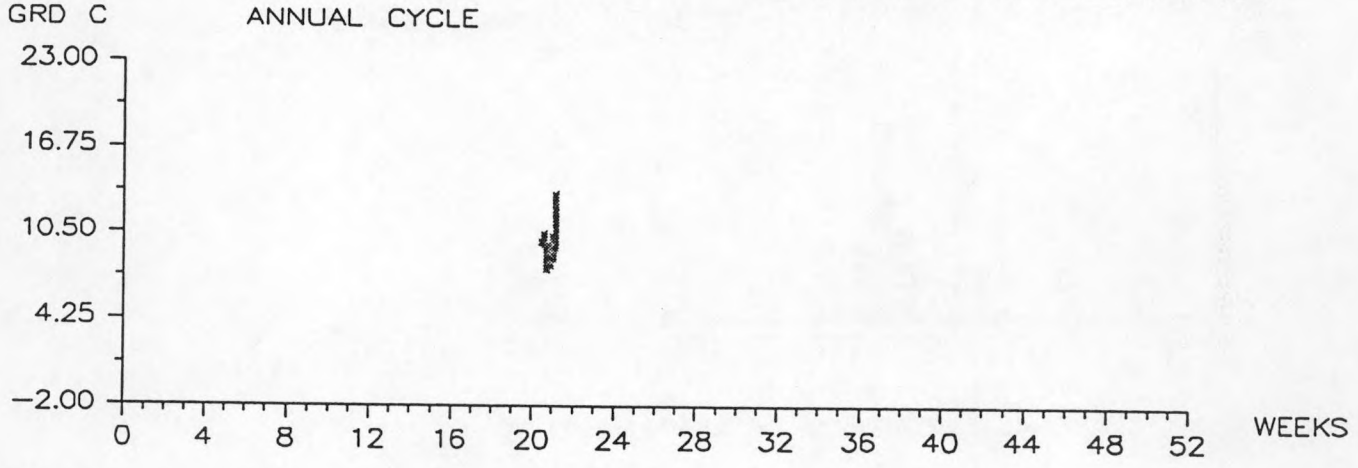
FIRST WEEK : 1

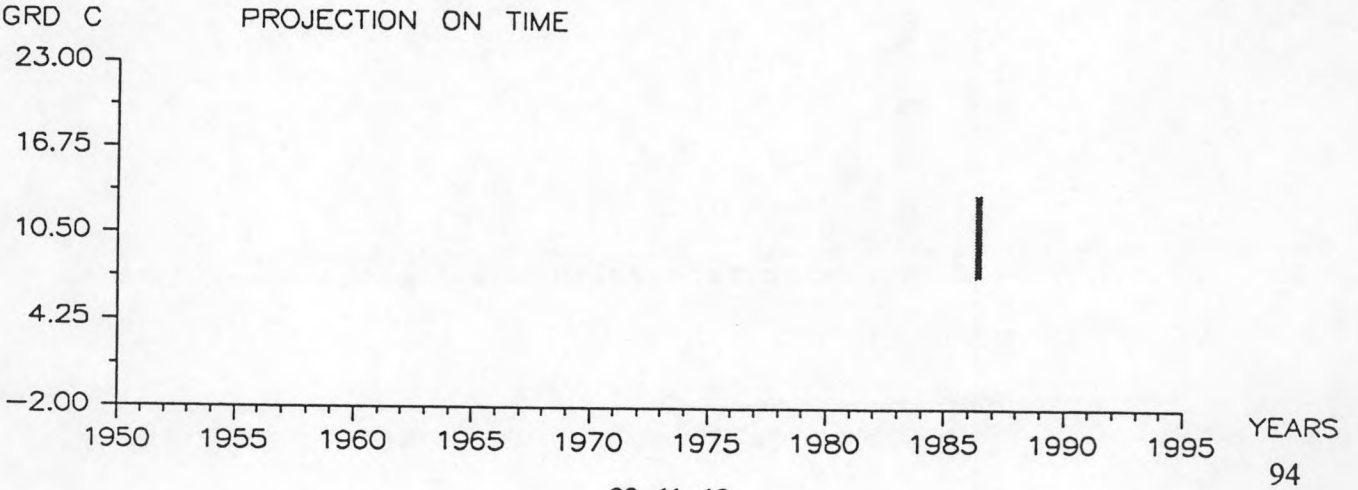
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



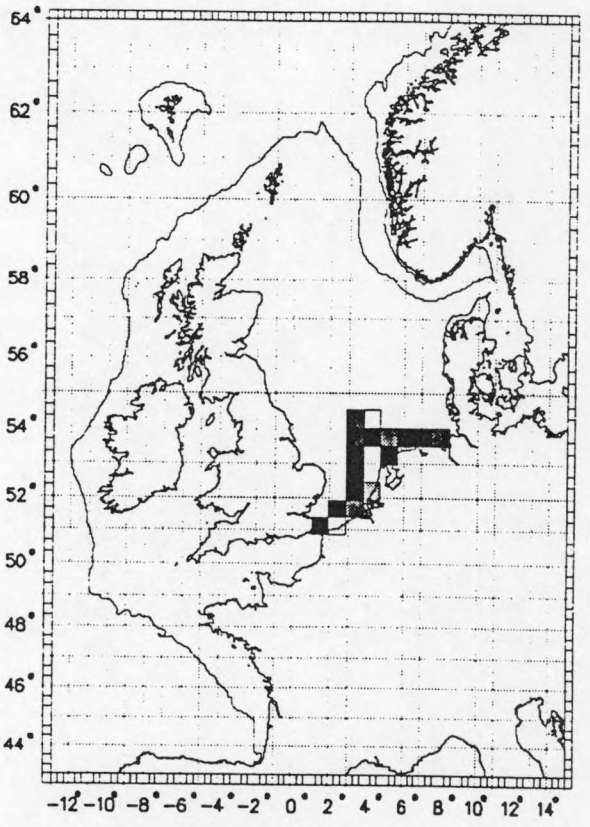


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010101
ENAME : IFM/Radach, G., Univ. .
UNITS : GRD C
NO. OF DATA : 3874
NO. OF POSITIONS : 2941



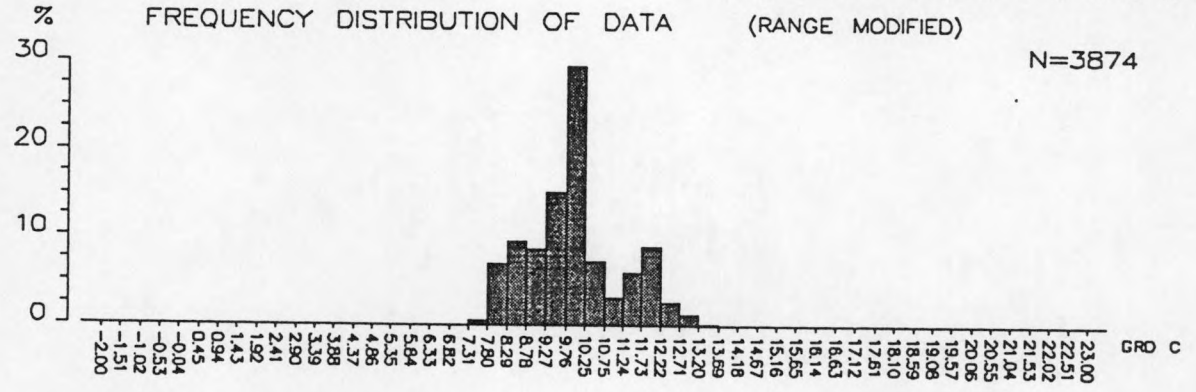
NO. OF DATA/AREA :
(without longterm data series !)

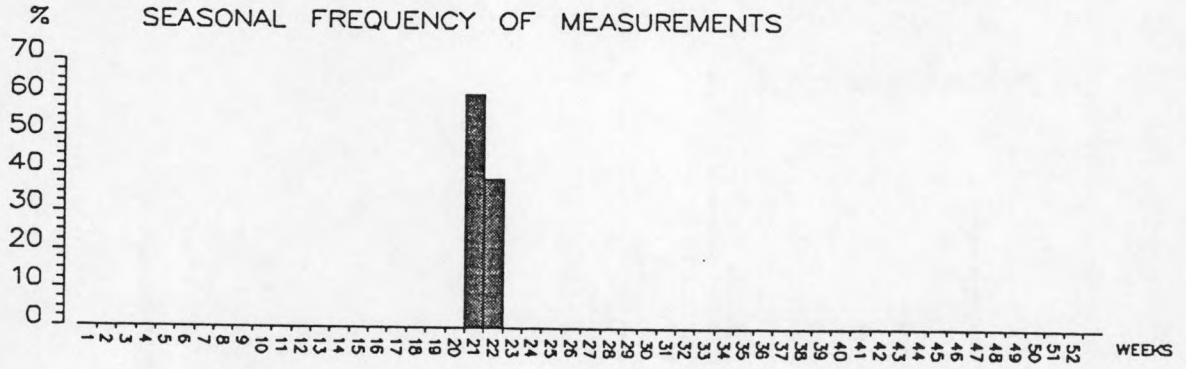
< 402	< 172
< 344	< 114
< 287	< 57
< 229	= 0

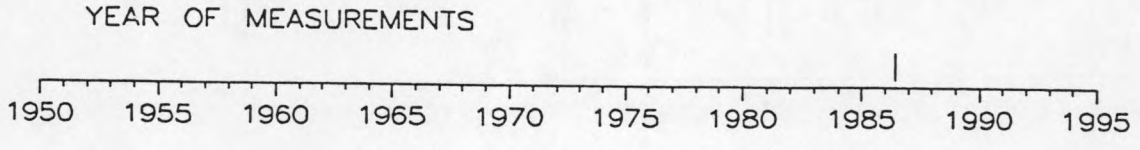
MINIMUM : 7.69
MAXIMUM : 13.34

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : IFMKI

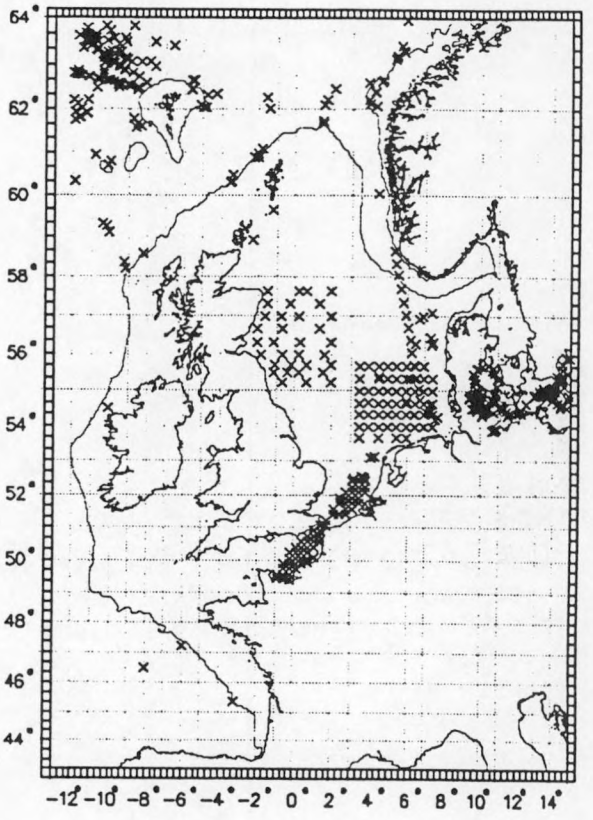
UNITS : GRD C

NO. OF POSITIONS : 521

NO. OF DATA : 6562

MINIMUM : −0.70

MAXIMUM : 20.45



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

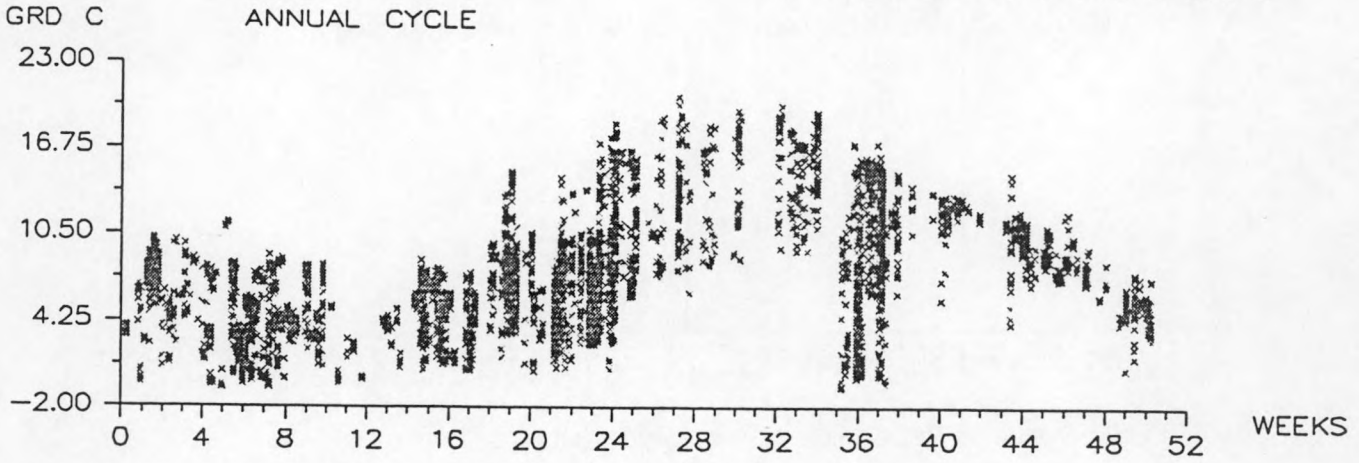
FIRST WEEK : 1

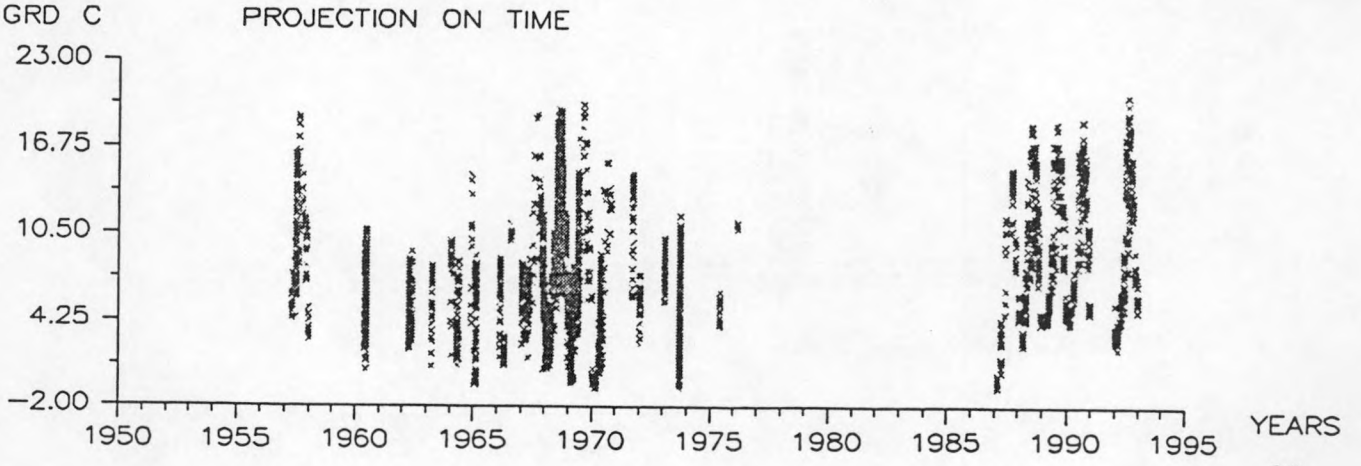
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



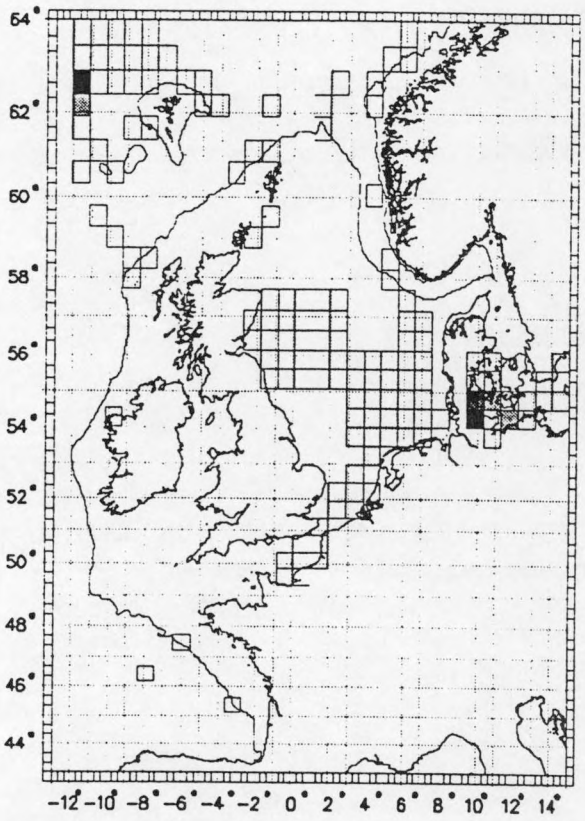


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : IFMKI
UNITS : GRD C
NO. OF DATA : 6562
NO. OF POSITIONS : 521



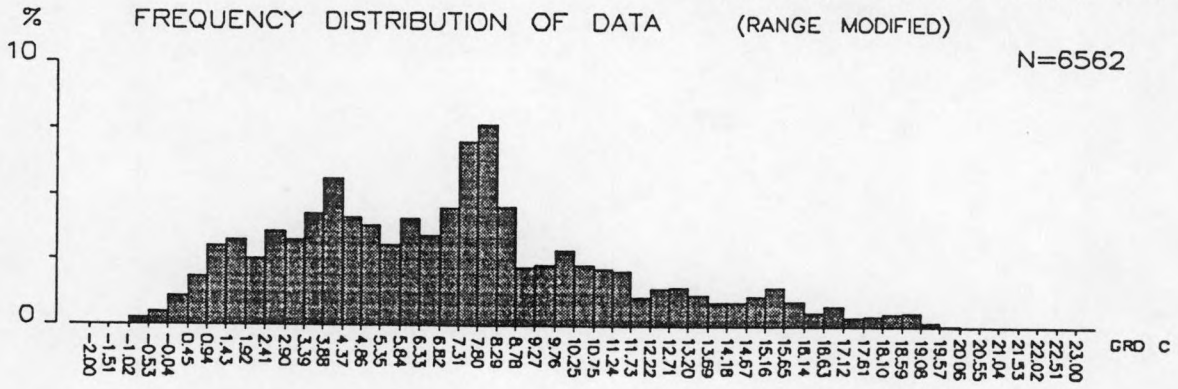
NO. OF DATA/AREA :
(without longterm data series !)

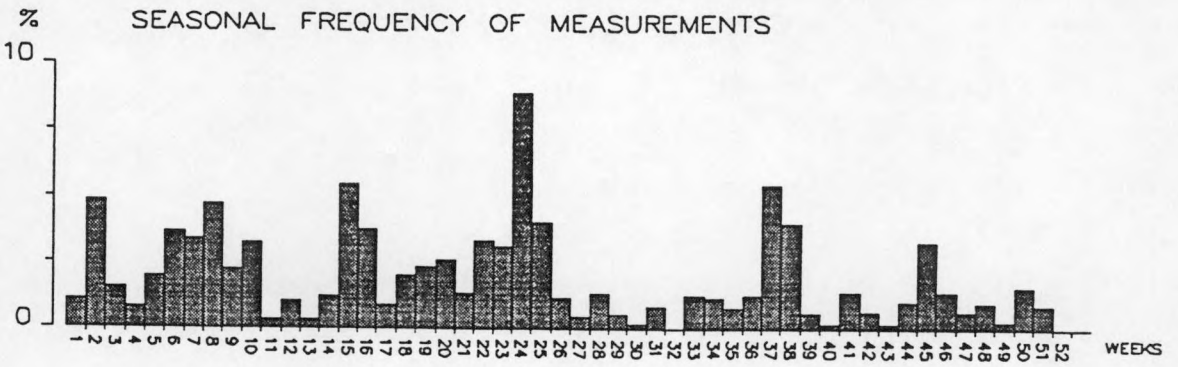
< 1610	< 690
< 1380	< 460
< 1150	< 230
< 920	= 0

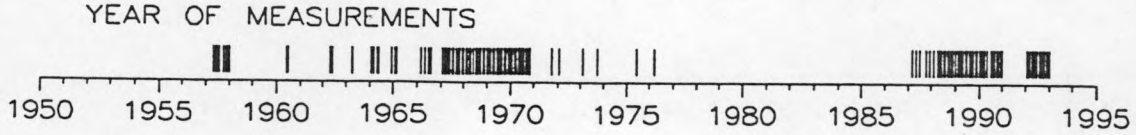
MINIMUM : −0.70
MAXIMUM : 20.45

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : IHFHH

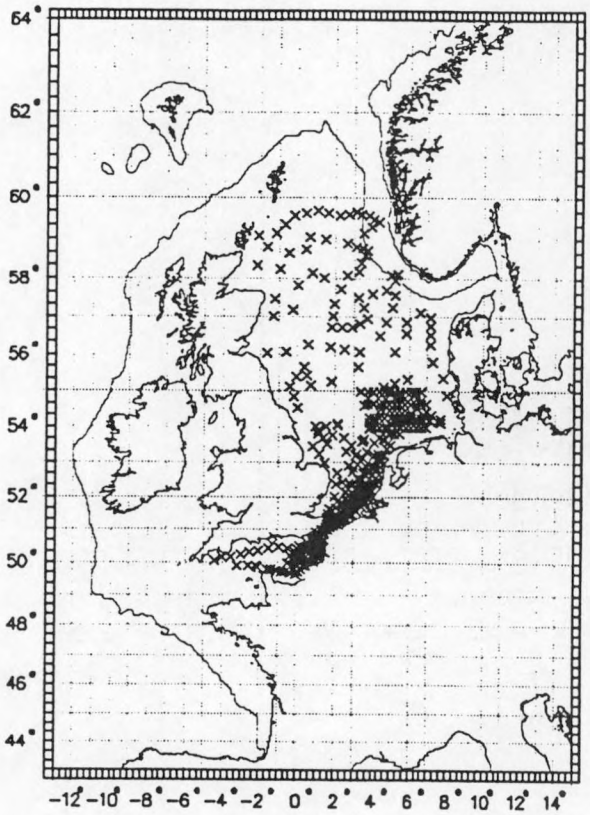
UNITS : GRD C

NO. OF POSITIONS : 428

NO. OF DATA : 933

MINIMUM : 2.40

MAXIMUM : 10.09



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

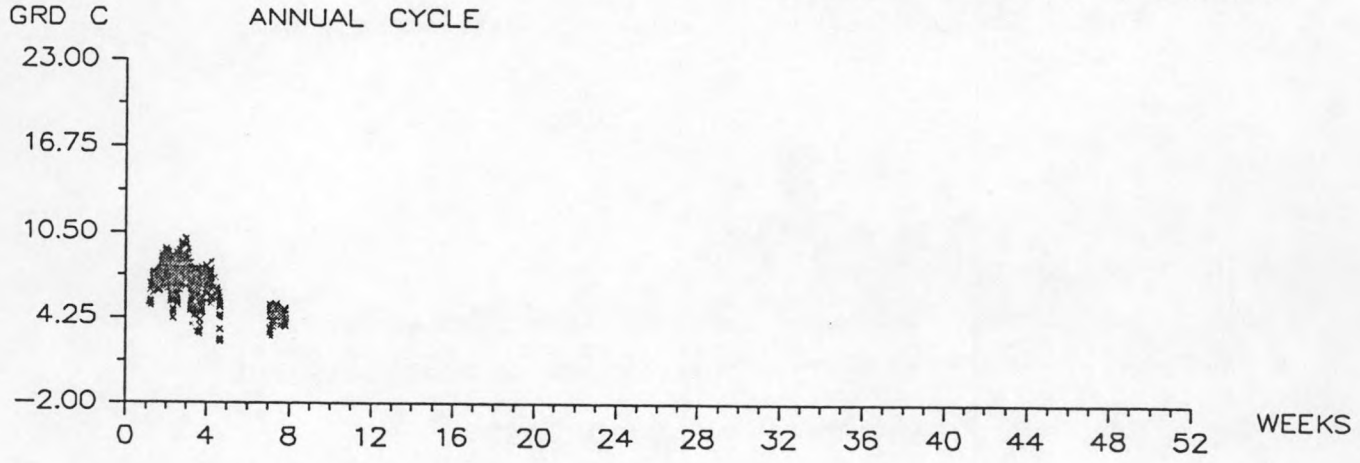
FIRST WEEK : 1

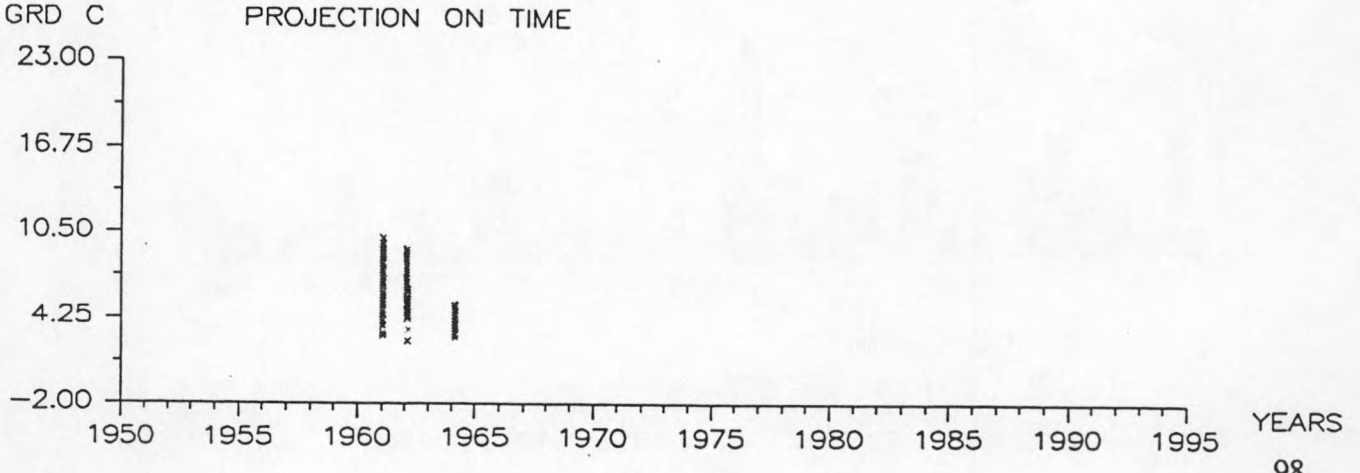
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





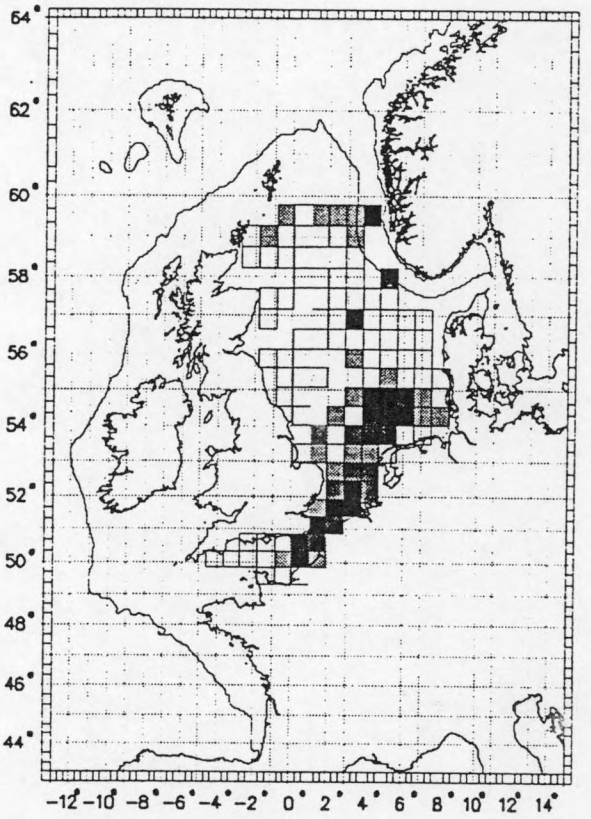
96–11–15

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : IHFHH
UNITS : GRD C
NO. OF DATA : 933
NO. OF POSITIONS : 428



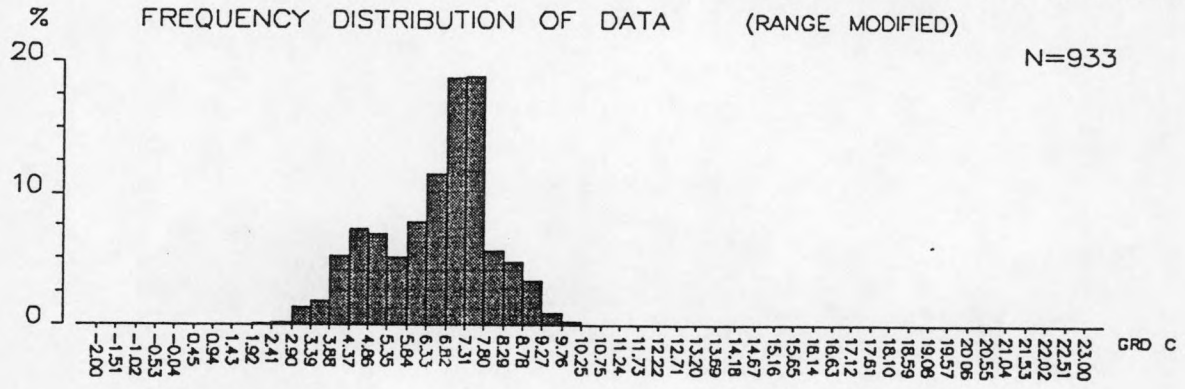
NO. OF DATA/AREA :
(without longterm data series !)

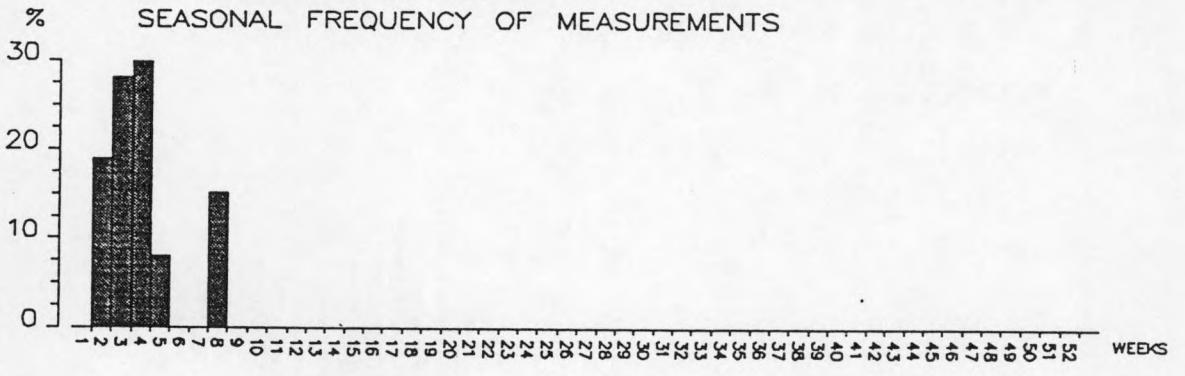
< 42	< 18
< 36	< 12
< 30	< 6
< 24	= 0

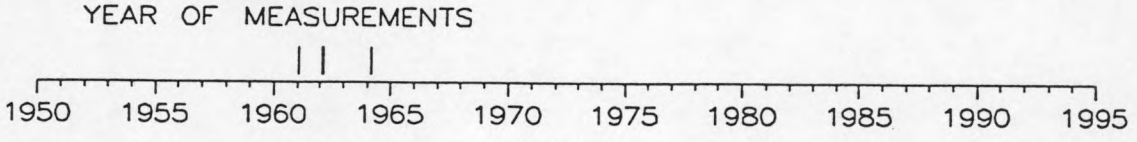
MINIMUM : 2.40
MAXIMUM : 10.09

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001013101

ENAME : IMR/Hageboe M., Foyn,

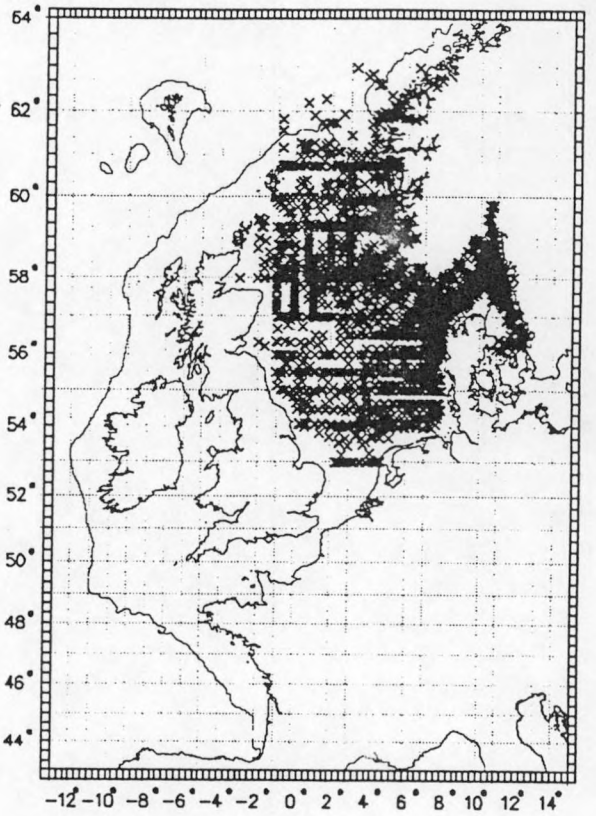
UNITS : GRD C

NO. OF POSITIONS : 4481

NO. OF DATA : 42907

MINIMUM : 0.02

MAXIMUM : 16.75



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

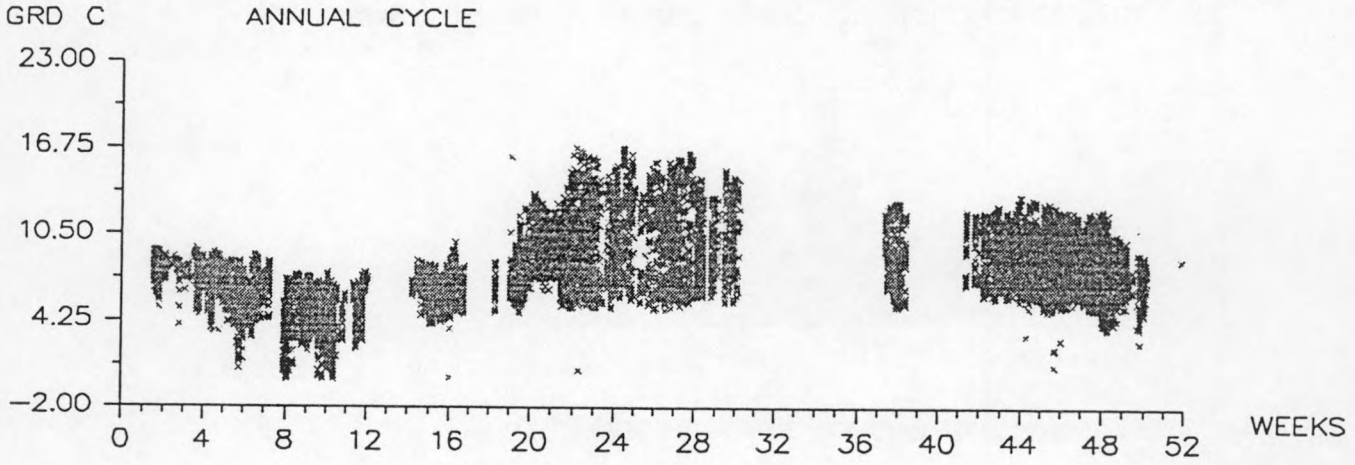
FIRST WEEK : 1

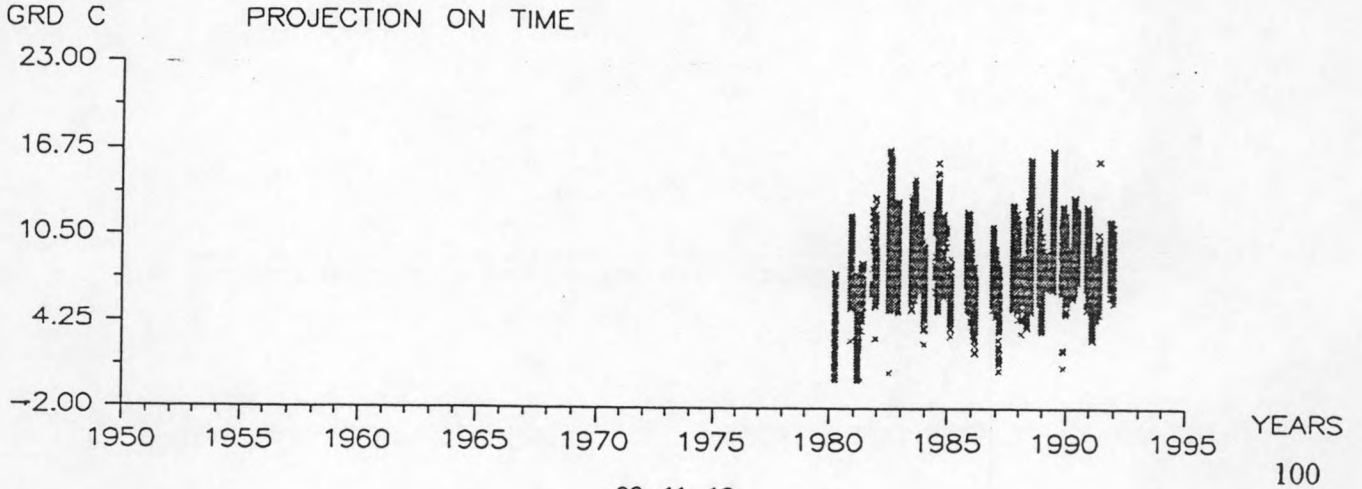
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001013101
ENAME : IMR/Hageboe M., Foyn, .
UNITS : GRD C
NO. OF DATA : 42907
NO. OF POSITIONS : 4481

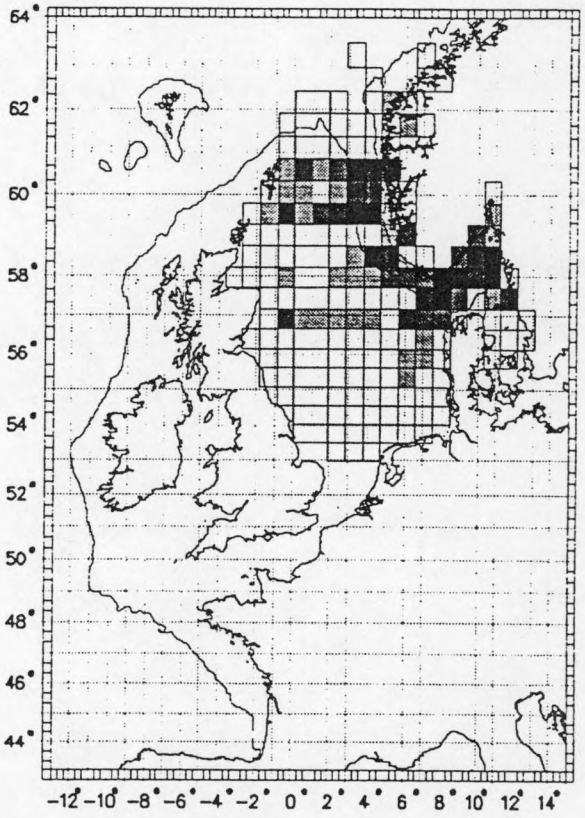
NO. OF DATA/AREA :
(without longterm data series !)

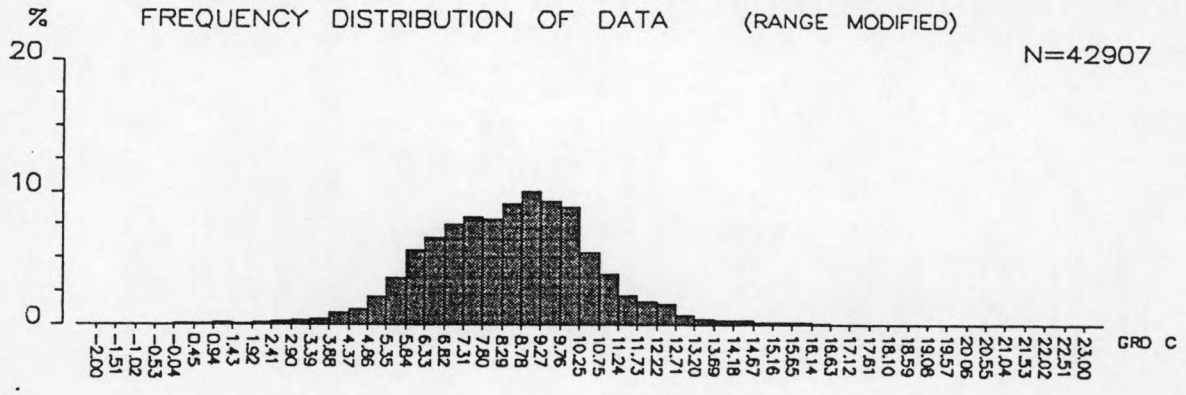
<	1417	<	607
<	1214	<	404
<	1012	<	202
<	809	=	0

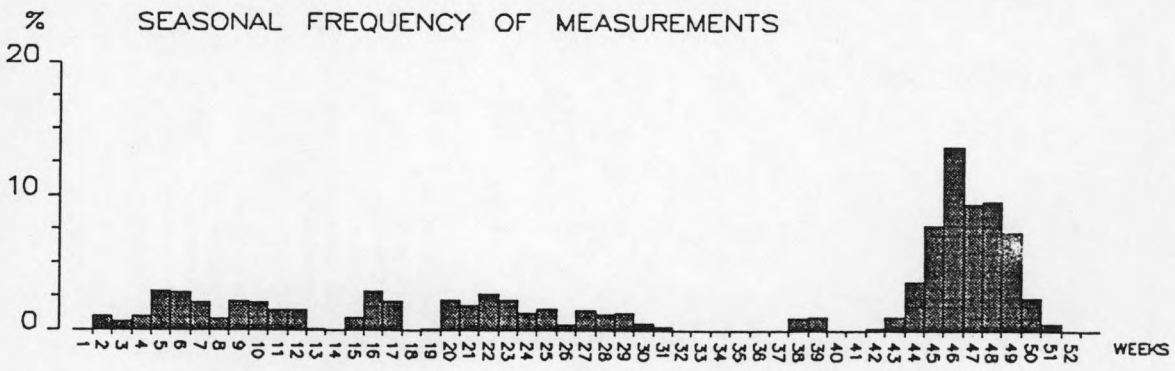
MINIMUM : 0.02
MAXIMUM : 16.75

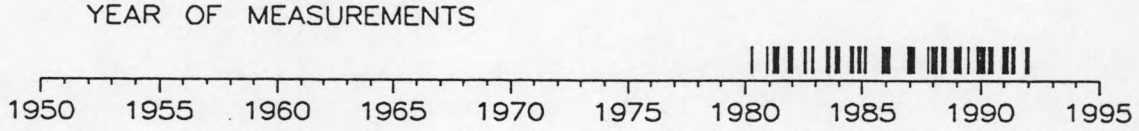
MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000









ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001013101

ENAME : IMR/Danielssen, D. S.

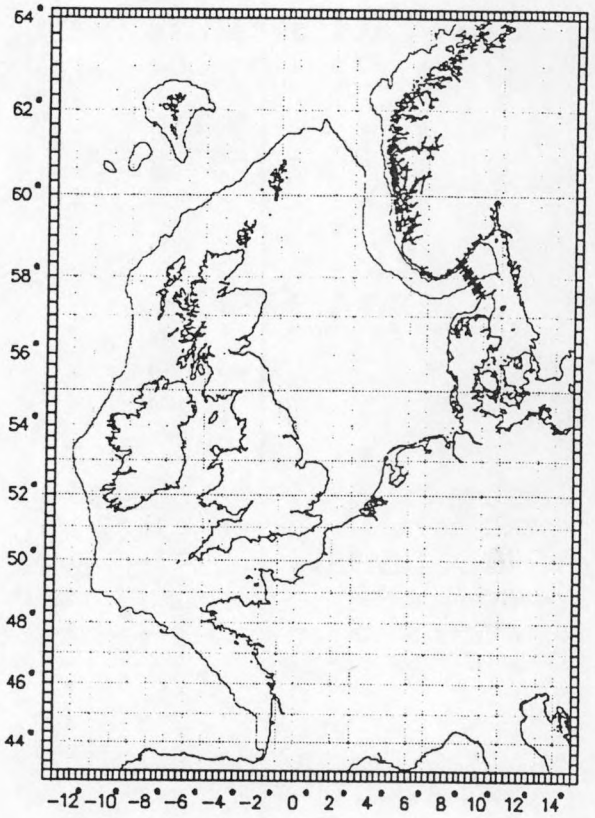
UNITS : GRD C

NO. OF POSITIONS : 13

NO. OF DATA : 15154

MINIMUM : −1.50

MAXIMUM : 18.50



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

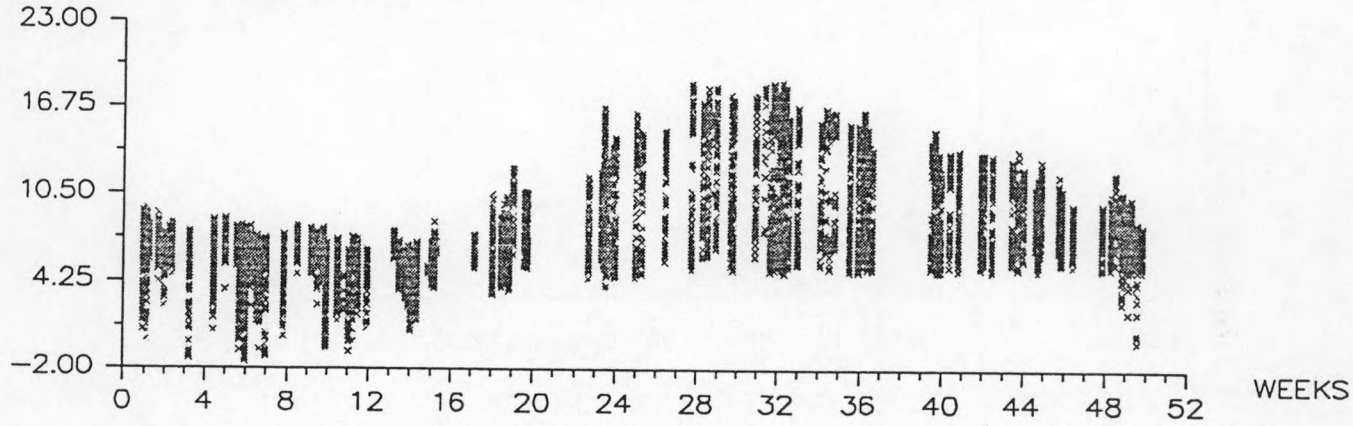
LAST WEEK : 53

DEPTH–RANGE

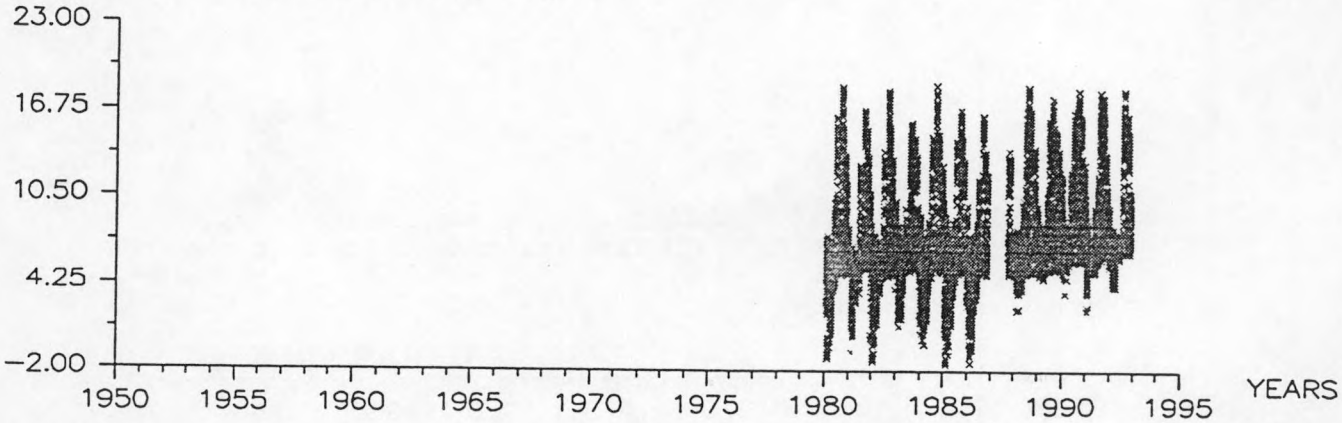
UPPER : 0

LOWER : 2000

GRD C ANNUAL CYCLE



GRD C PROJECTION ON TIME

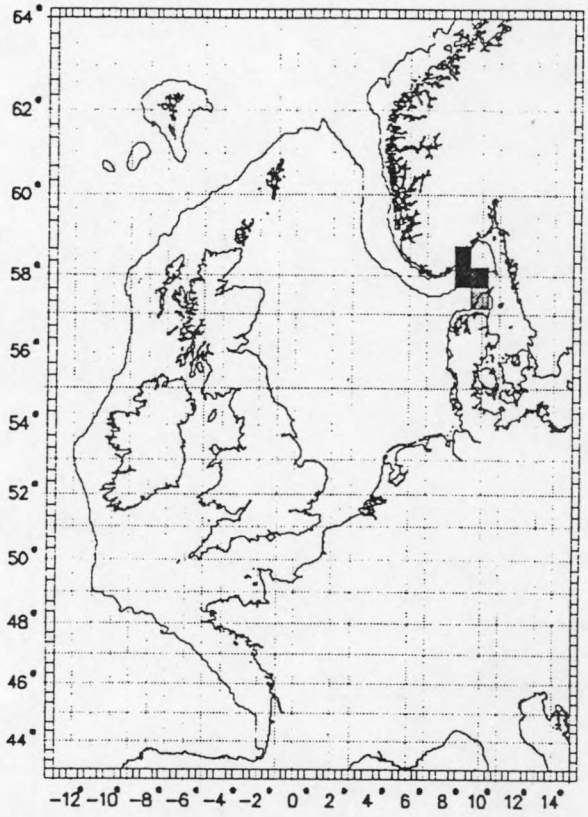


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001013101
ENAME : IMR/Danielssen, D. S.
UNITS : GRD C
NO. OF DATA : 15154
NO. OF POSITIONS : 13



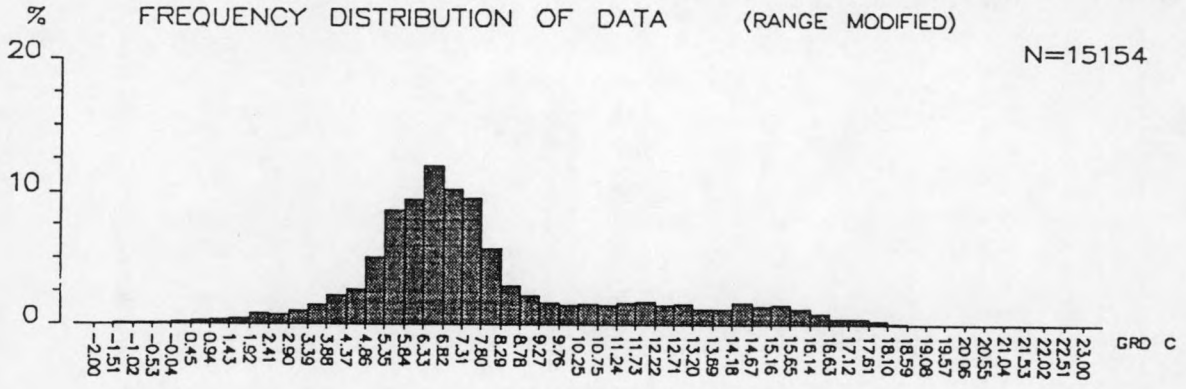
NO. OF DATA/AREA :
(without longterm data series !)

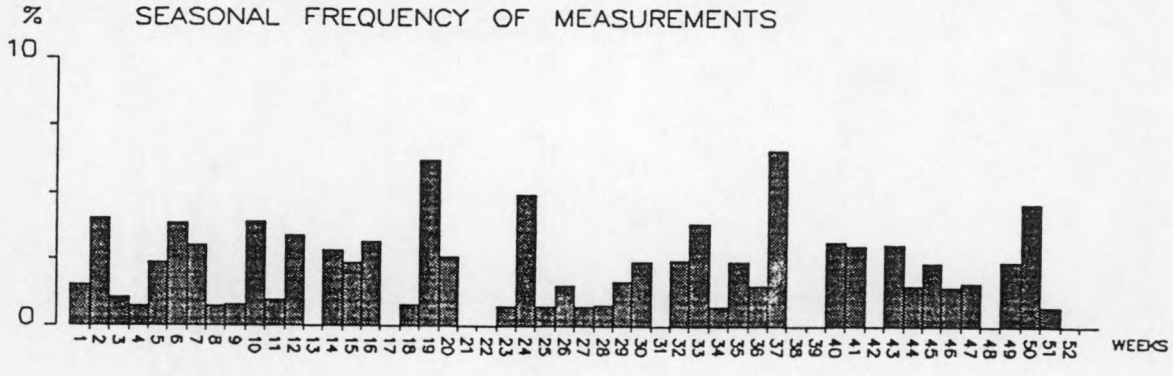
<	5685	<	2436
<	4872	<	1624
<	4060	<	812
<	3248	=	0

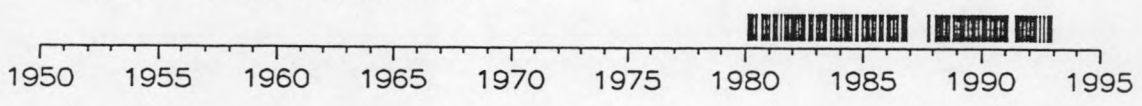
MINIMUM : −1.50
MAXIMUM : 18.50

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : IOW

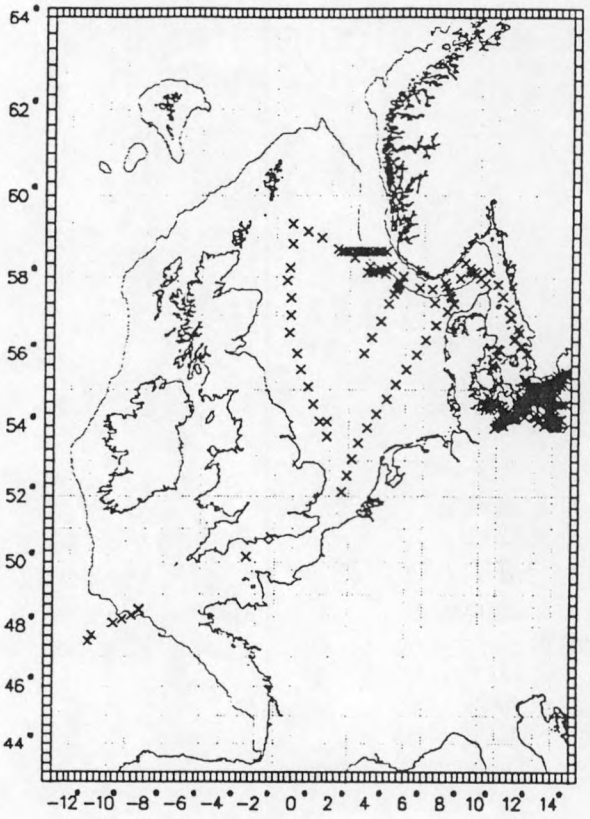
UNITS : GRD C

NO. OF POSITIONS : 495

NO. OF DATA : 24195

MINIMUM : −0.80

MAXIMUM : 21.58



MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

FIRST WEEK : 1

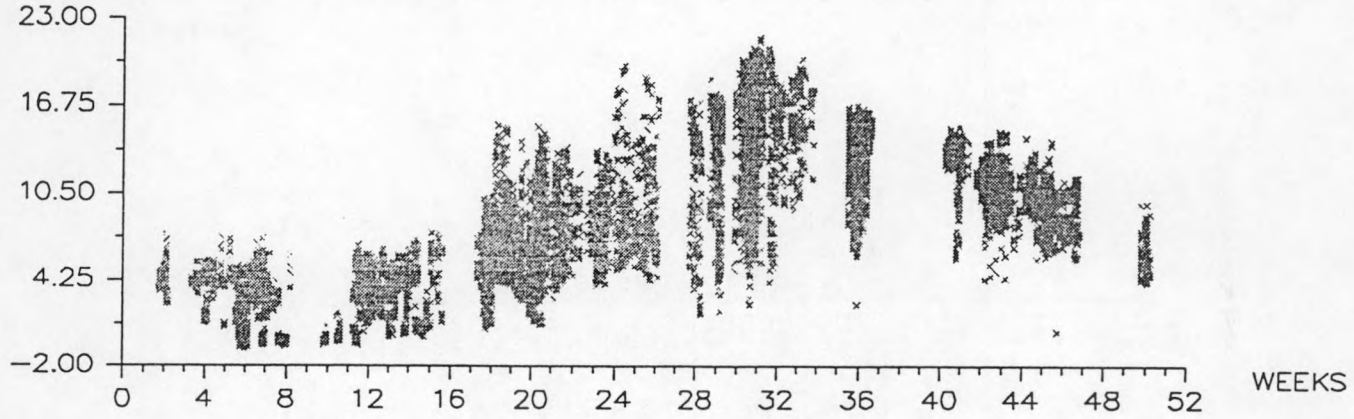
LAST WEEK : 53

DEPTH—RANGE

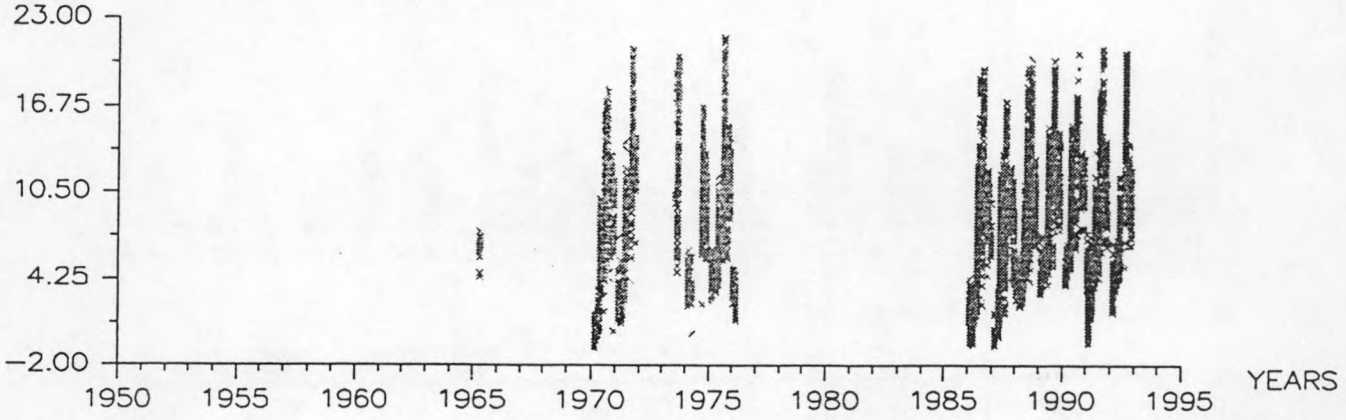
UPPER : 0

LOWER : 2000

GRD C ANNUAL CYCLE



GRD C PROJECTION ON TIME



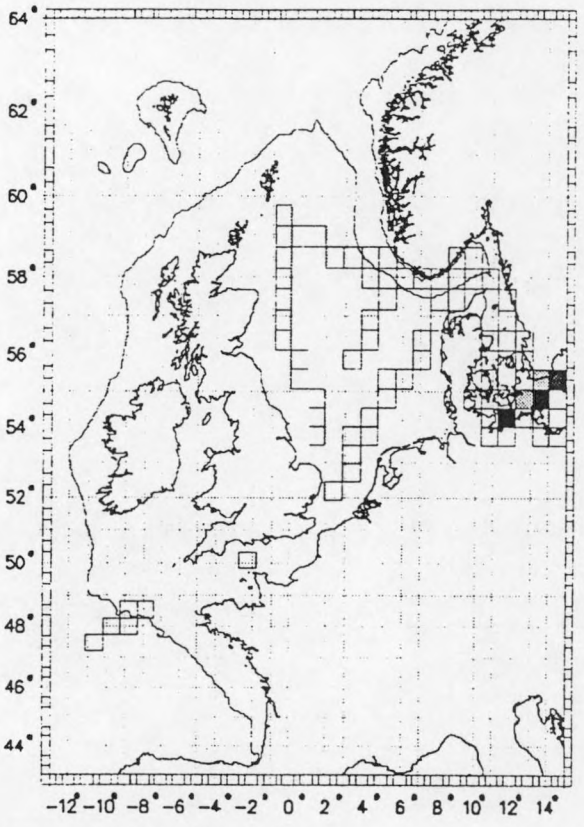
97—03—14

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : IOW
UNITS : GRD C
NO. OF DATA : 24195
NO. OF POSITIONS : 495



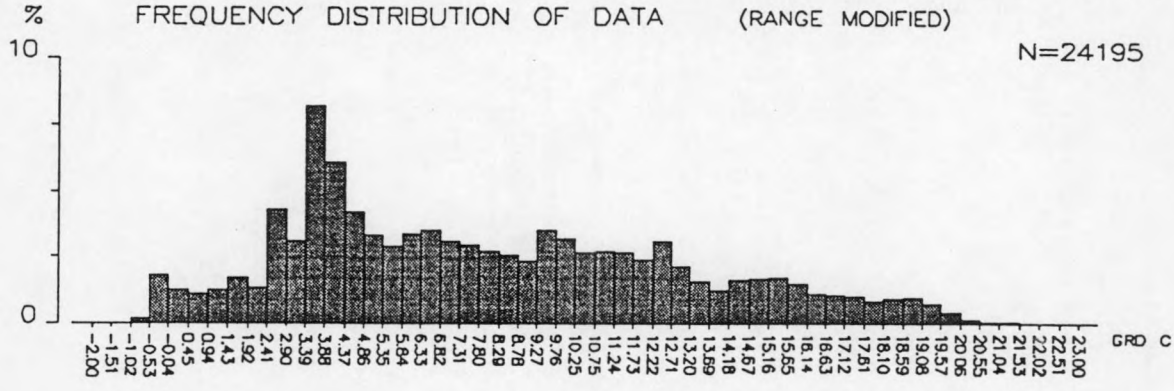
NO. OF DATA/AREA :
(without longterm data series !)

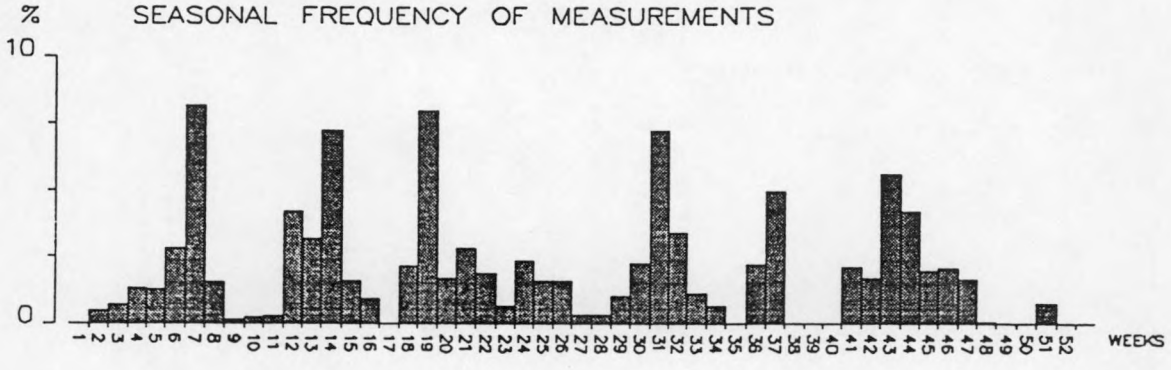
<	7421	<	3180
<	6360	<	2120
<	5300	<	1060
<	4240	=	0

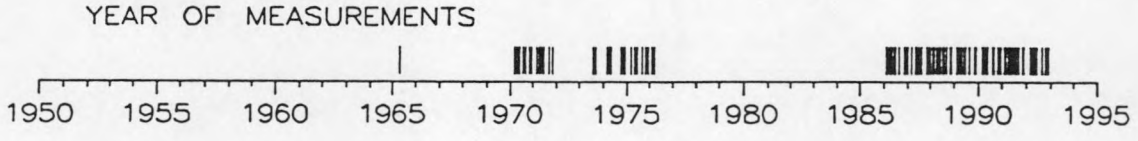
MINIMUM : −0.80
MAXIMUM : 21.58

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







97−03−14

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010101

ENAME : IOW

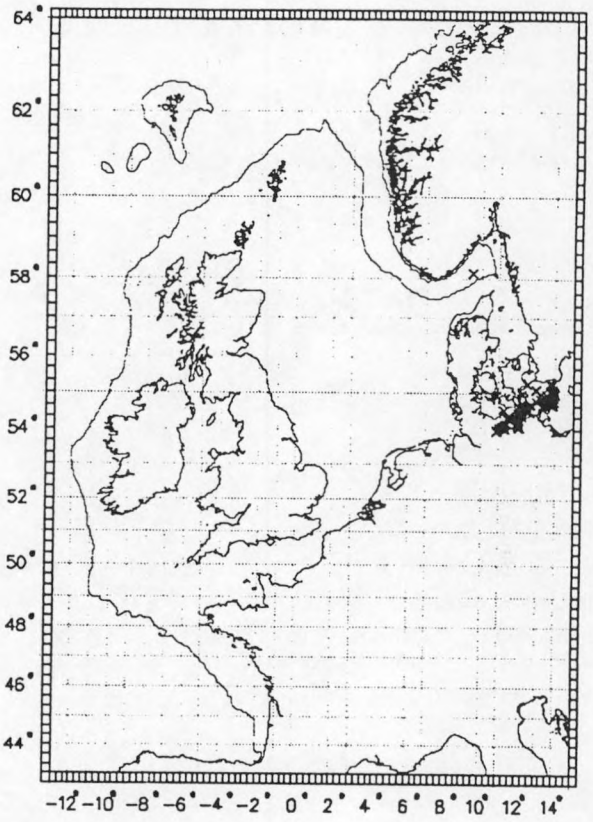
UNITS : GRD C

NO. OF POSITIONS : 106

NO. OF DATA : 4392

MINIMUM : −1.13

MAXIMUM : 20.30



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

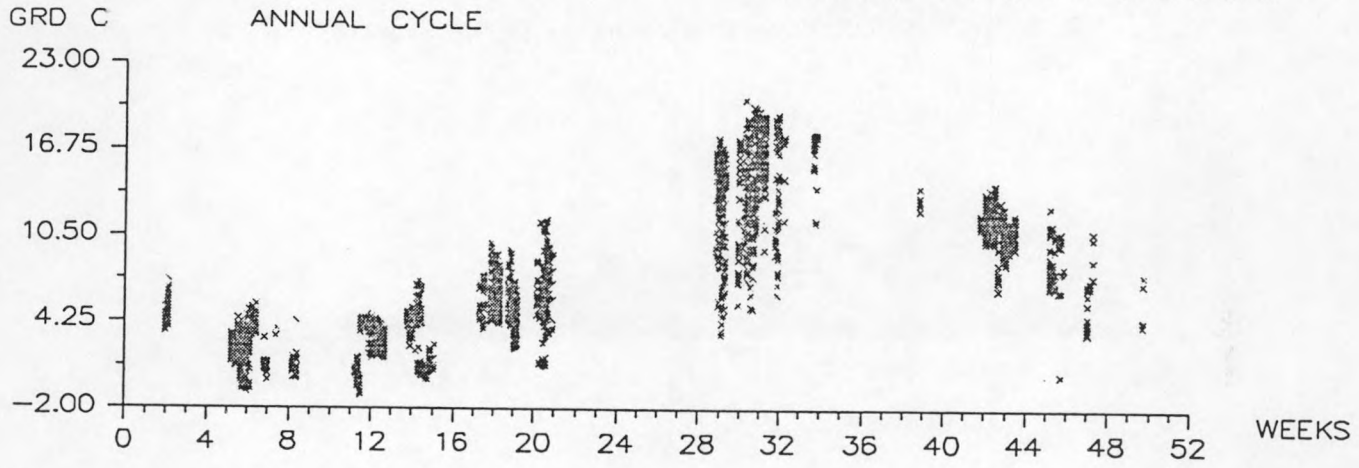
FIRST WEEK : 1

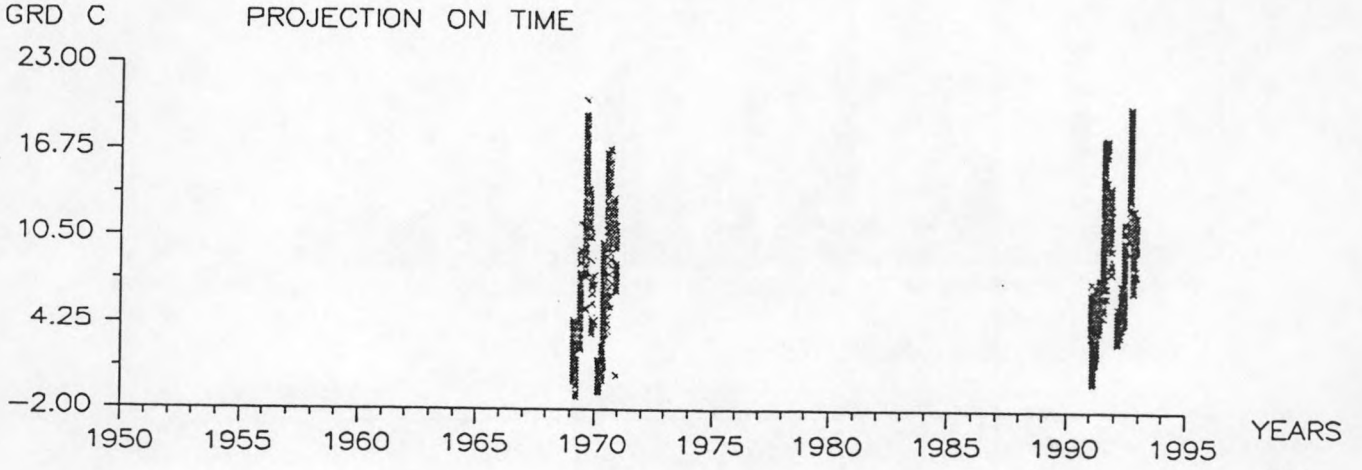
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





ECOMOD — PARAMETER — REPORT

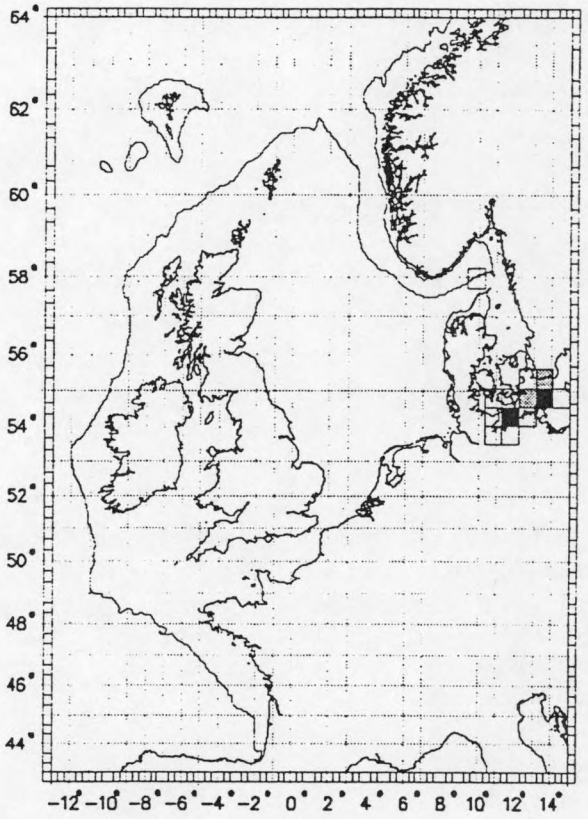
SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010101
ENAME : IOW
UNITS : GRD C
NO. OF DATA : 4392
NO. OF POSITIONS : 106

NO. OF DATA/AREA :
(without longterm data series !)

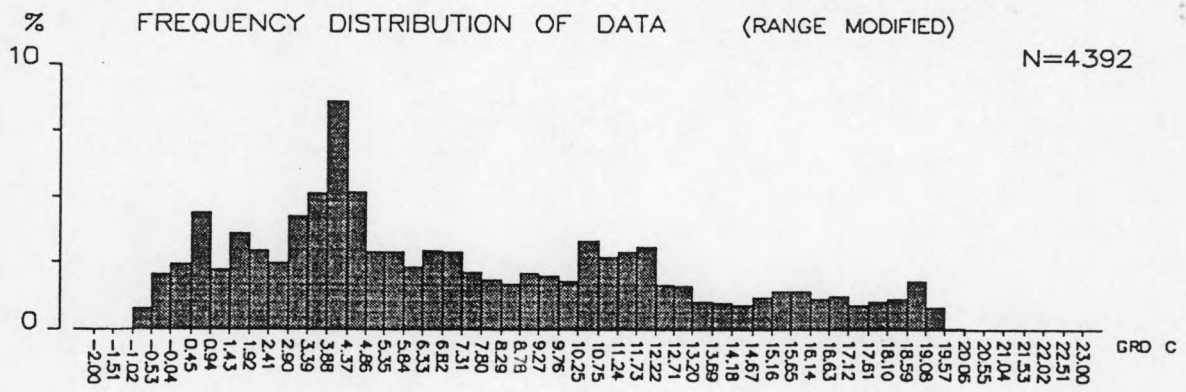
<	1874	<	803
<	1607	<	535
<	1339	<	267
<	1071	=	0

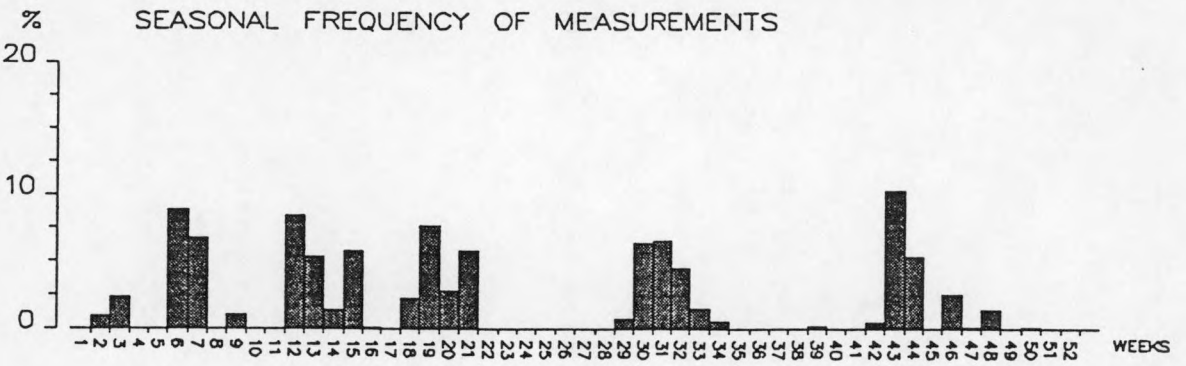


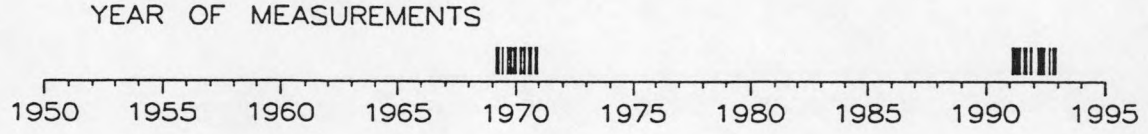
MINIMUM : −1.13
MAXIMUM : 20.30

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010201

ENAME : IOW

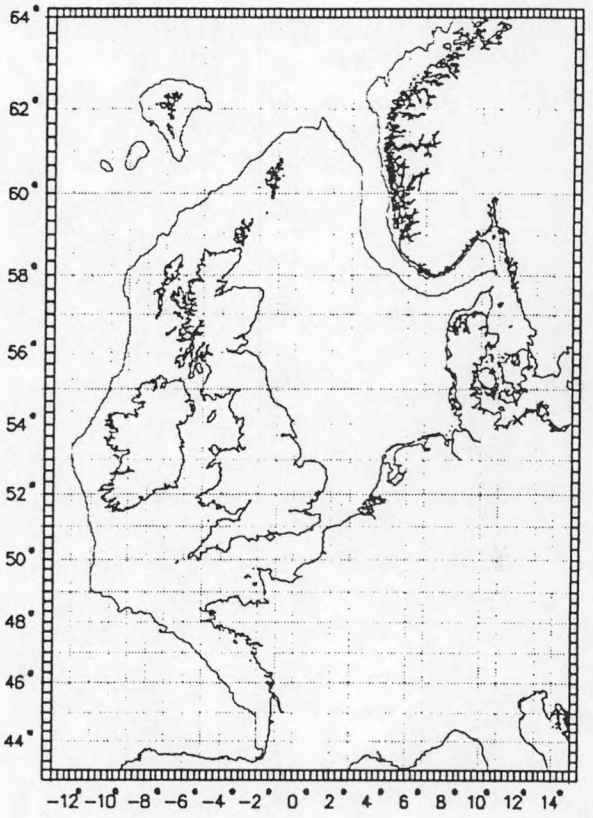
UNITS : GRD C

NO. OF POSITIONS : 1

NO. OF DATA : 225

MINIMUM : 0.40

MAXIMUM : 20.20



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

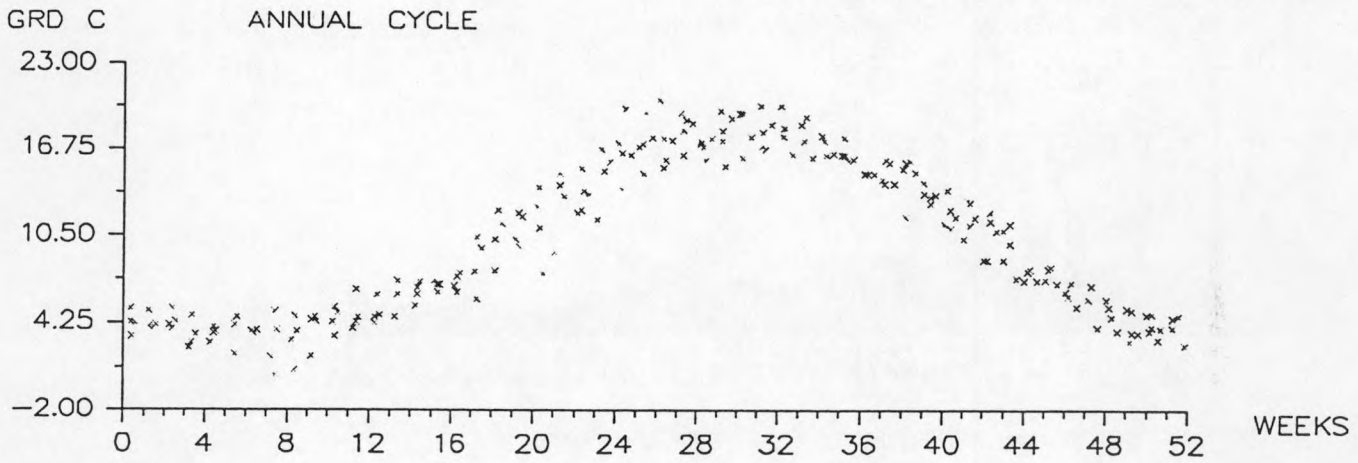
FIRST WEEK : 1

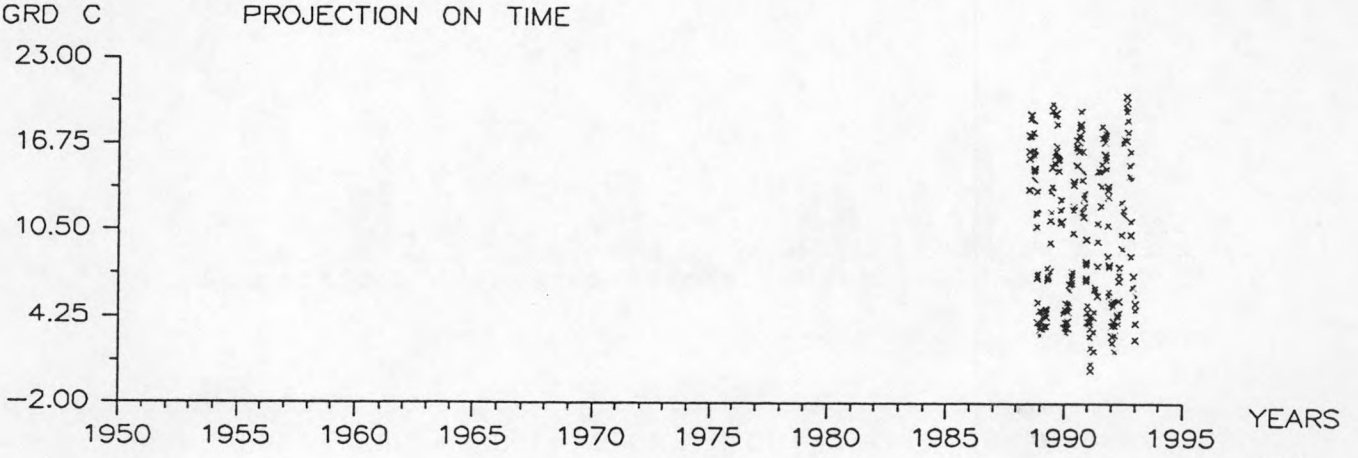
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



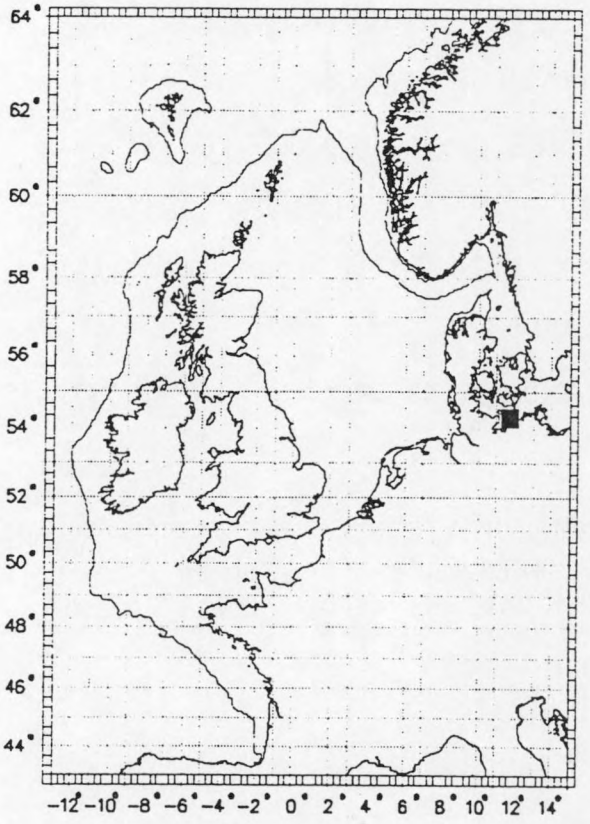


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010201
ENAME : IOW
UNITS : GRD C
NO. OF DATA : 225
NO. OF POSITIONS : 1



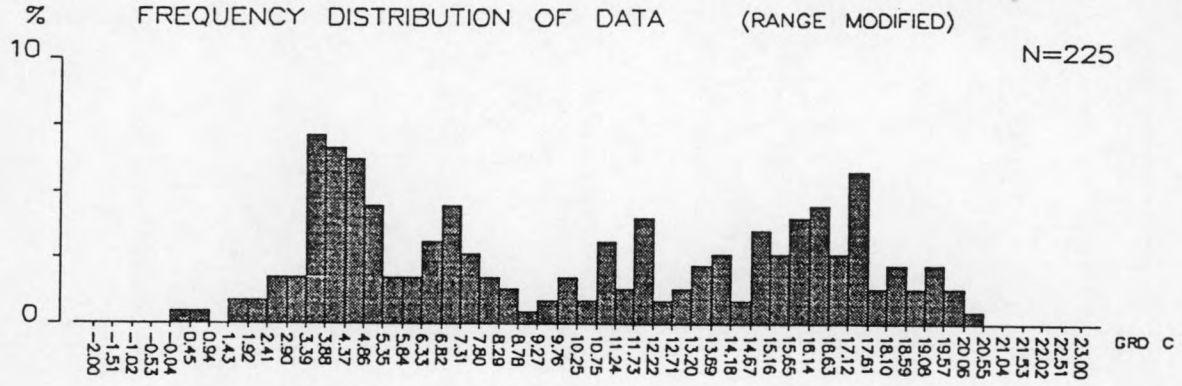
NO. OF DATA/AREA :
(without longterm data series !)

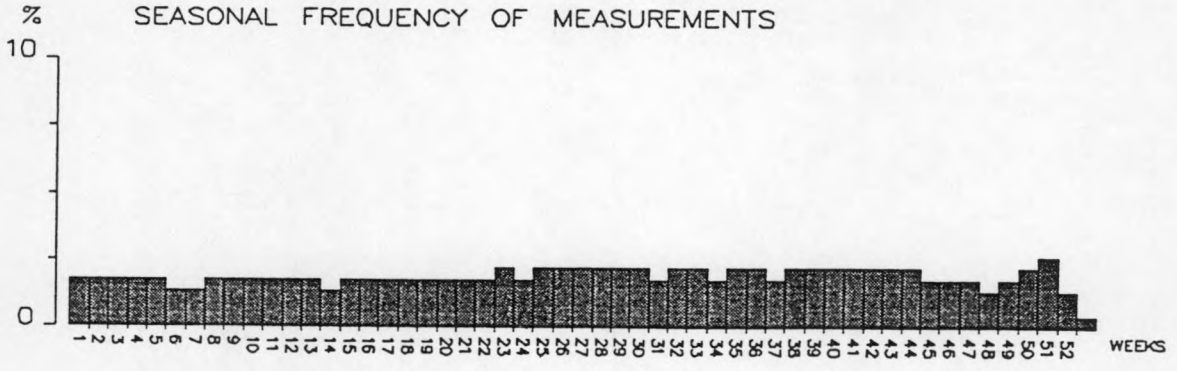
<	225	<	96
<	192	<	64
<	160	<	32
<	128	=	0

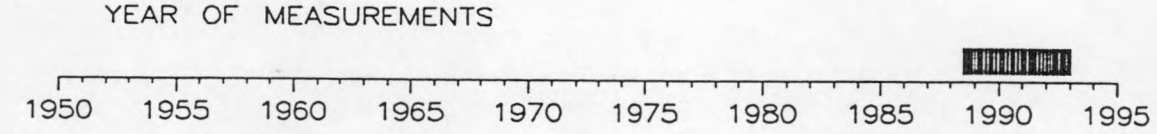
MINIMUM : 0.40
MAXIMUM : 20.20

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : LWKKI

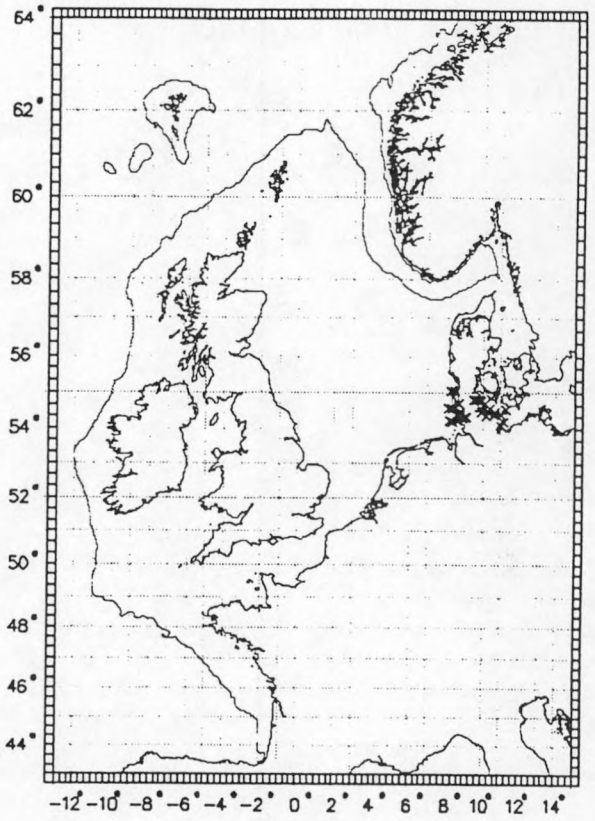
UNITS : GRD C

NO. OF POSITIONS : 30

NO. OF DATA : 1182

MINIMUM : −0.90

MAXIMUM : 23.20



NO. OF DATA OUT OF RANGE : 1

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

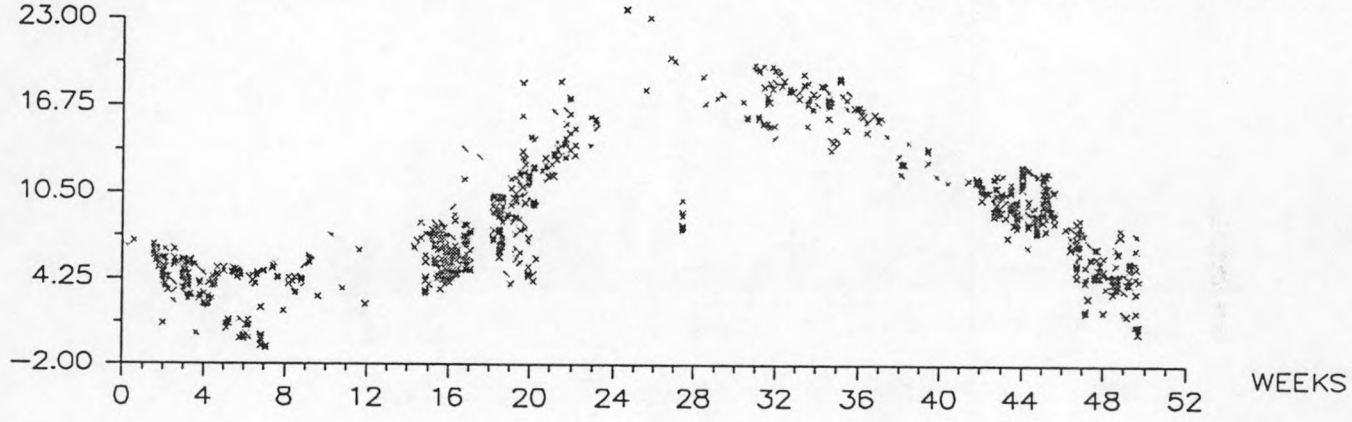
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

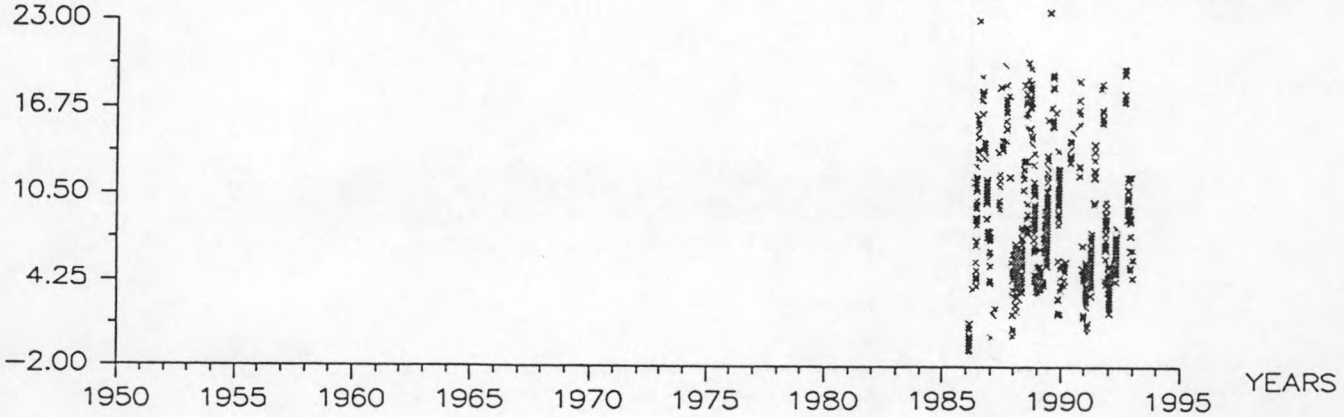
LOWER : 2000

GRD C ANNUAL CYCLE



GRD C PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 1

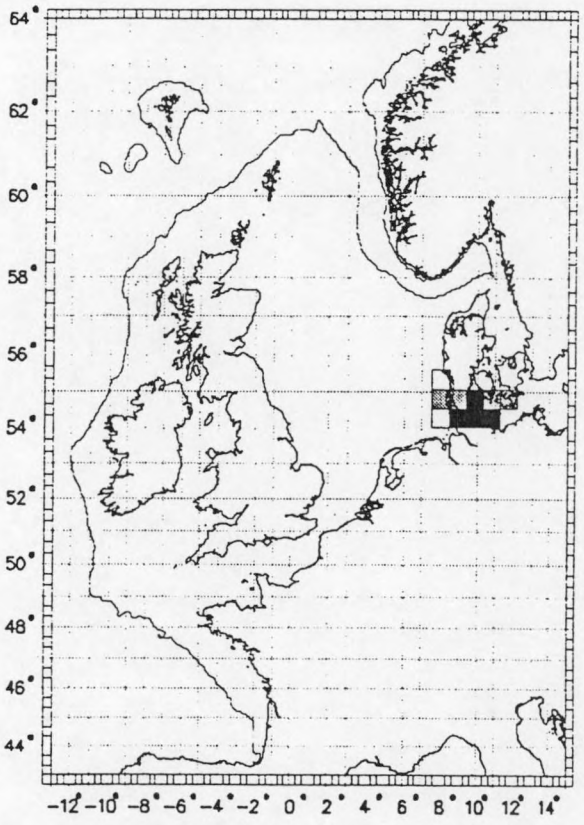


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : LWKKI
UNITS : GRD C
NO. OF DATA : 1182
NO. OF POSITIONS : 30



NO. OF DATA/AREA :
(without longterm data series !)

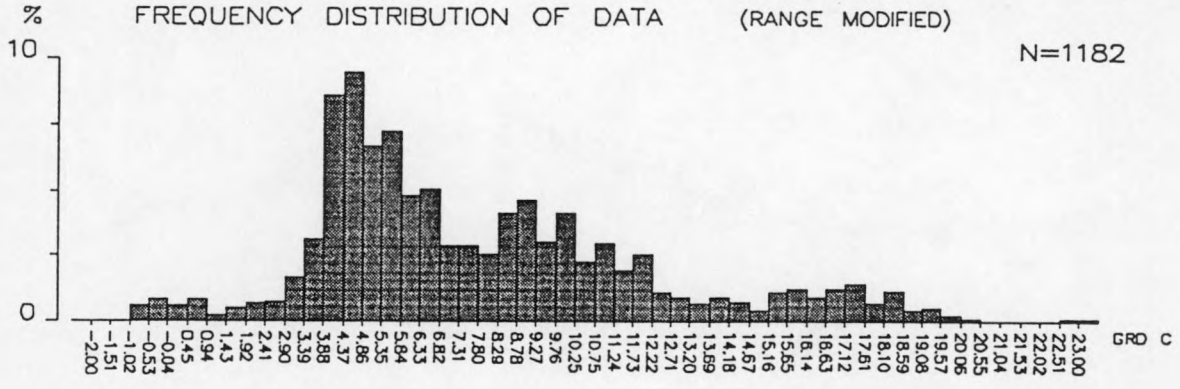
< 289
< 247
< 206
< 165

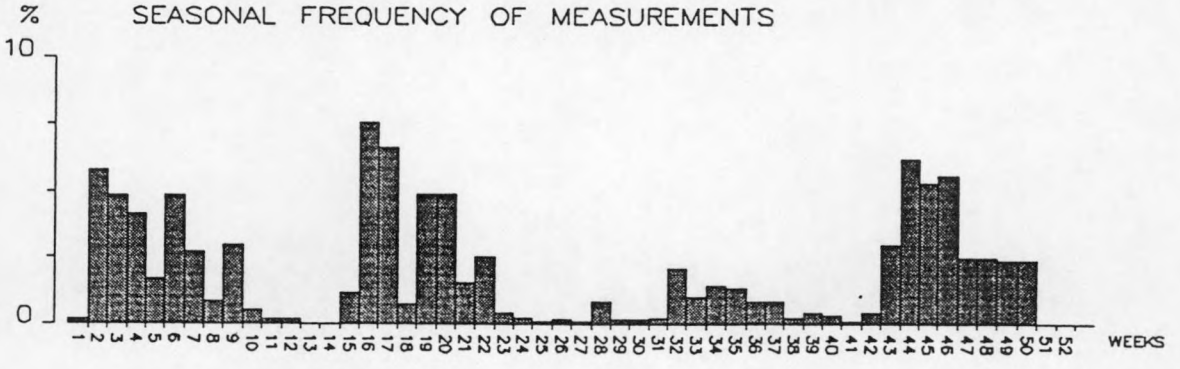
< 123
< 82
< 41
= 0

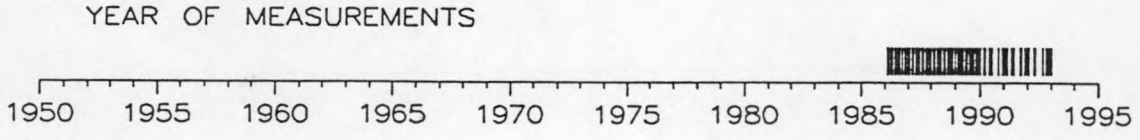
MINIMUM : −0.90
MAXIMUM : 23.20

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001012101

ENAME : MBA/Southward, A.J.

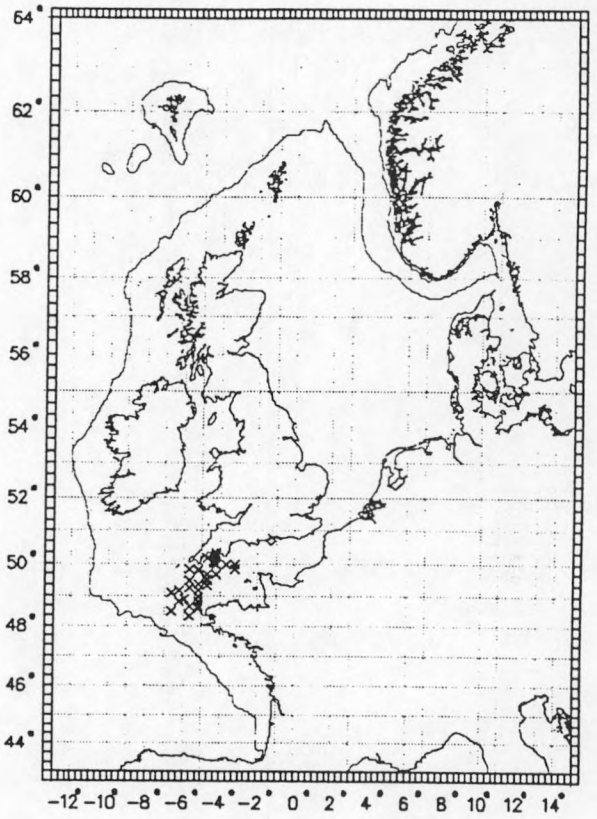
UNITS : GRD C

NO. OF POSITIONS : 34

NO. OF DATA : 4697

MINIMUM : 6.40

MAXIMUM : 19.26



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

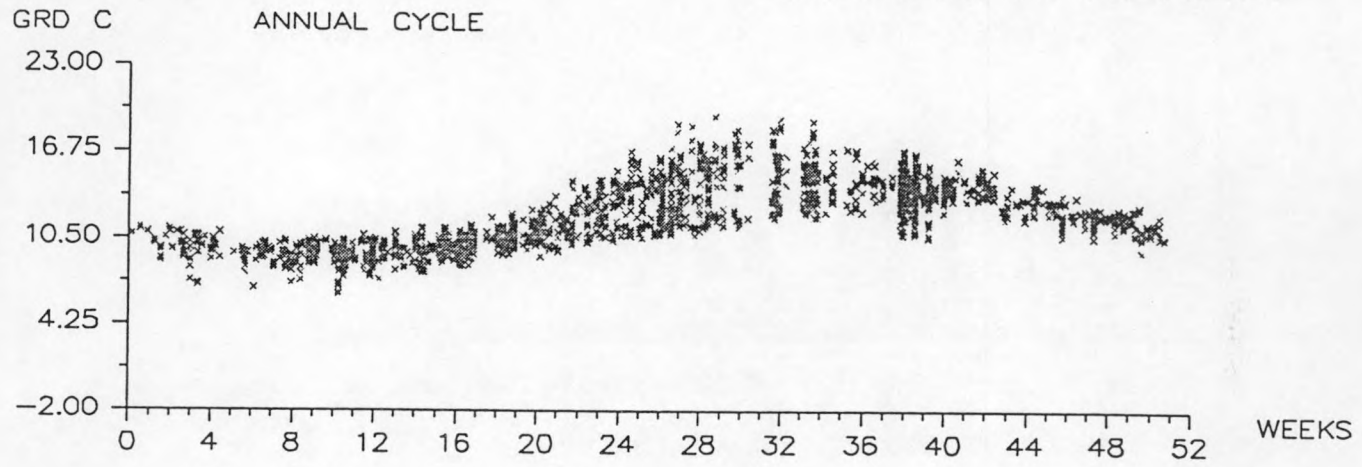
FIRST WEEK : 1

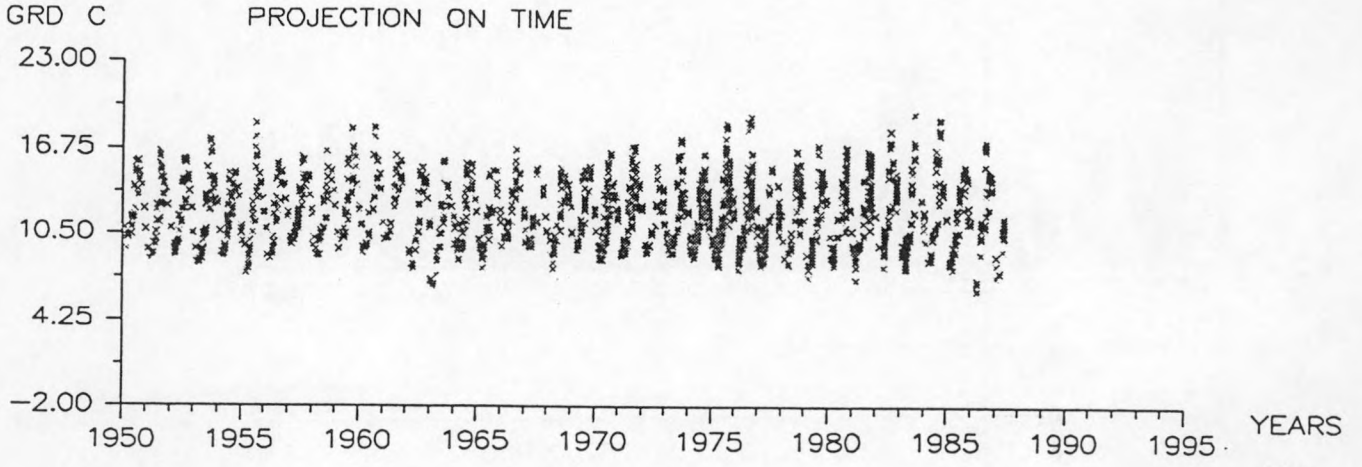
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



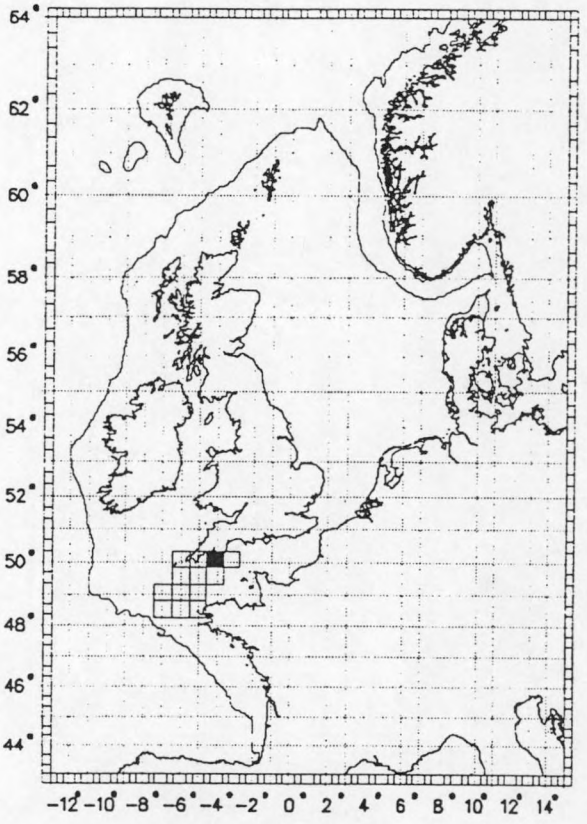


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001012101
ENAME : MBA/Southward, A.J.
UNITS : GRD C
NO. OF DATA : 4697
NO. OF POSITIONS : 34



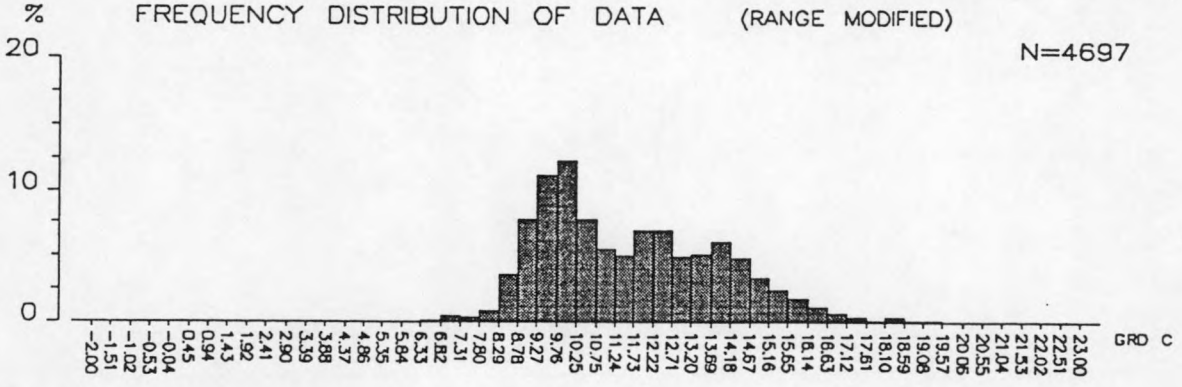
NO. OF DATA/AREA :
(without longterm data series !)

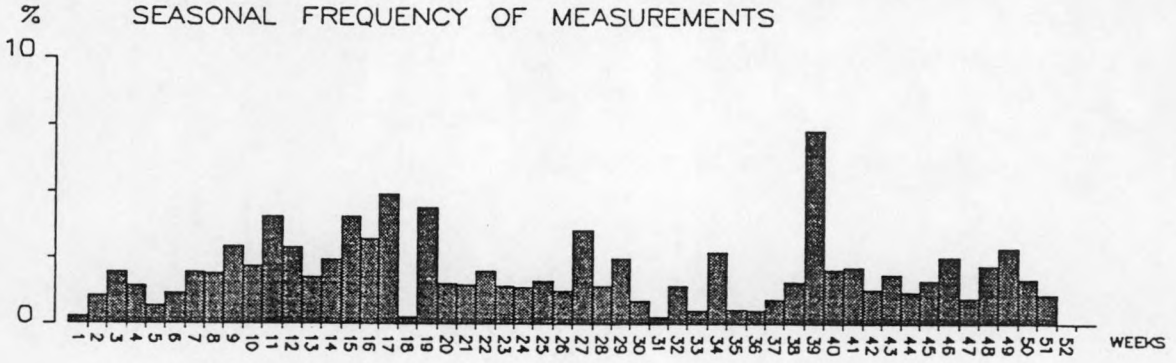
< 3614	< 1548
< 3097	< 1032
< 2581	< 516
< 2065	= 0

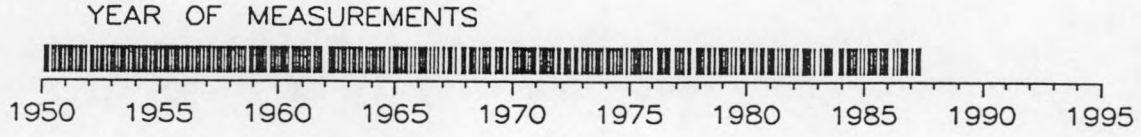
MINIMUM : 6.40
MAXIMUM : 19.26

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001013301

ENAME : MUMM

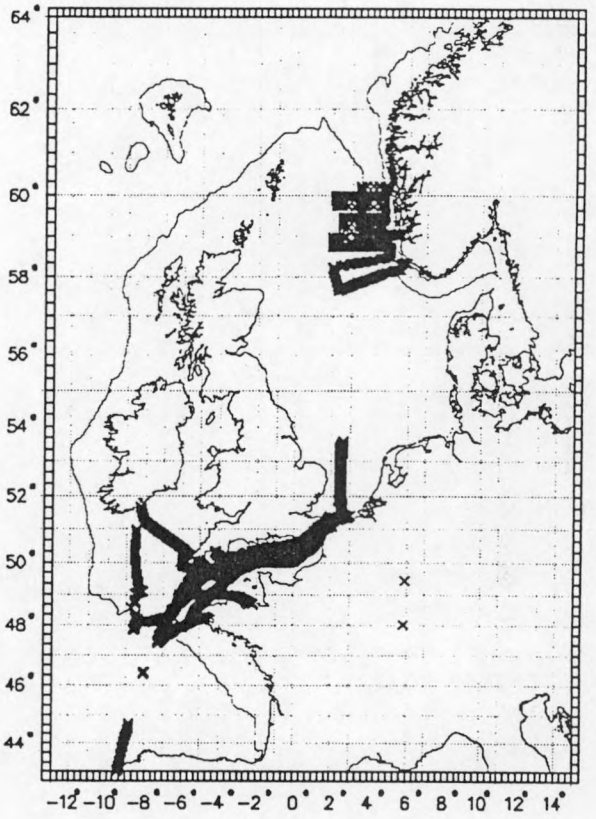
UNITS : GRD C

NO. OF POSITIONS : 24437

NO. OF DATA : 38917

MINIMUM : 9.66

MAXIMUM : 20.78



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

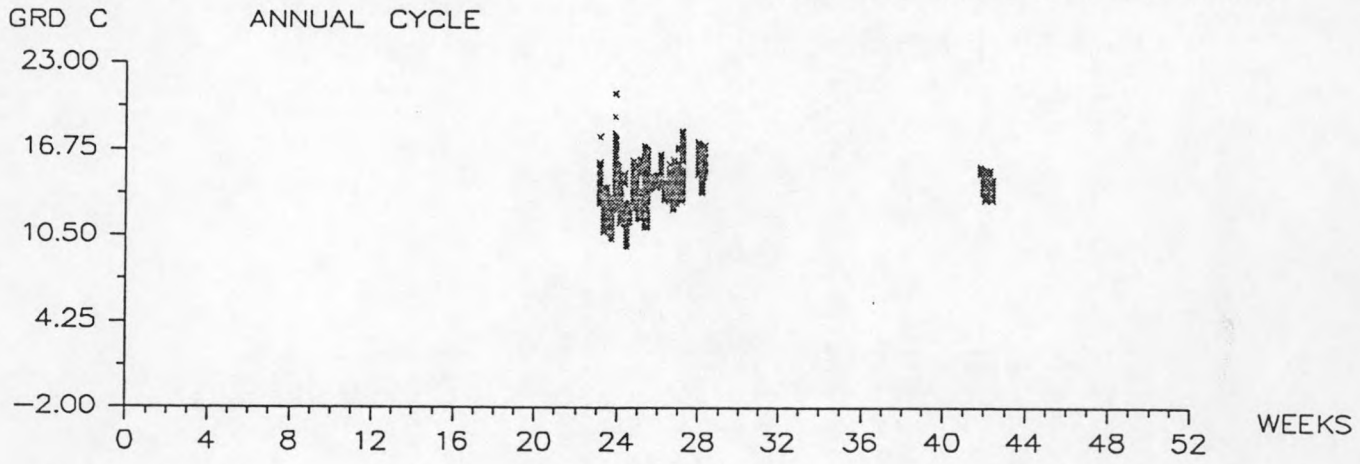
FIRST WEEK : 1

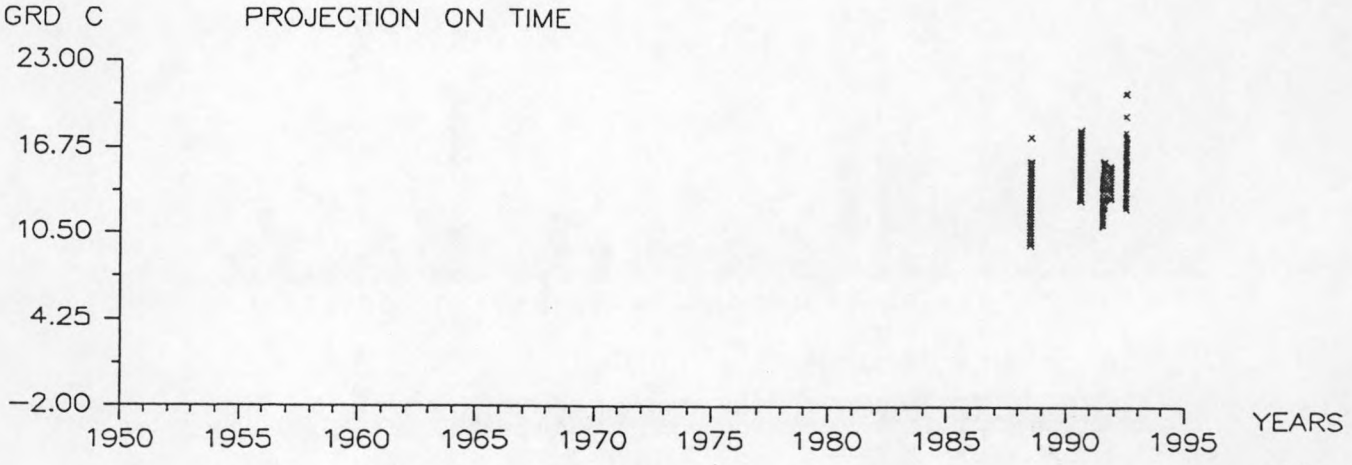
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



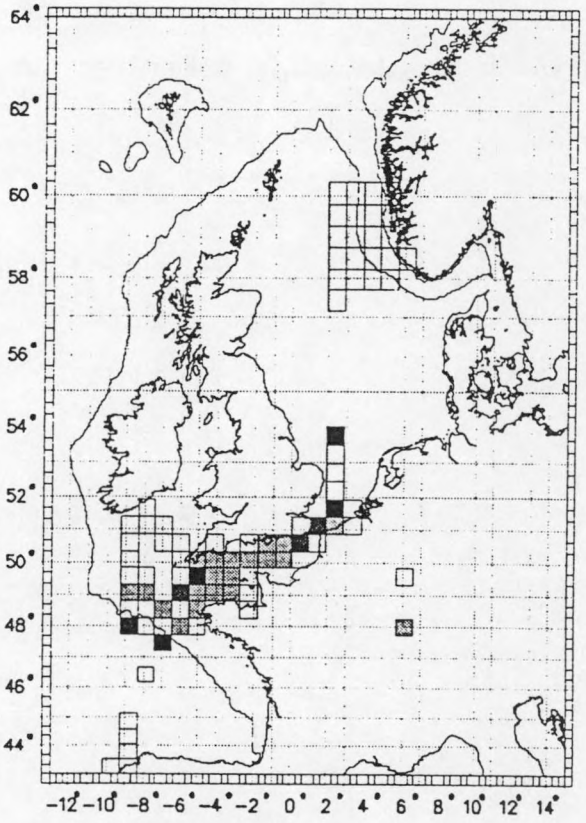


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001013301
ENAME : MUMM
UNITS : GRD C
NO. OF DATA : 38917
NO. OF POSITIONS : 24437



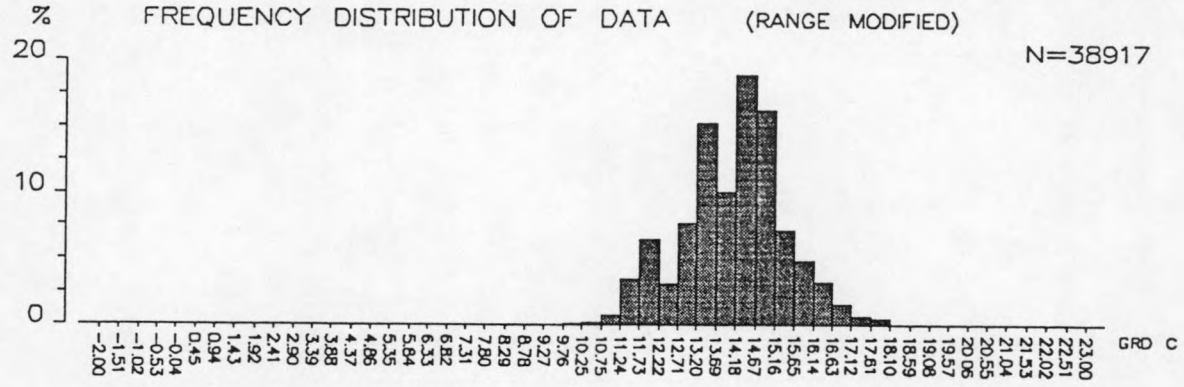
NO. OF DATA/AREA :
(without longterm data series !)

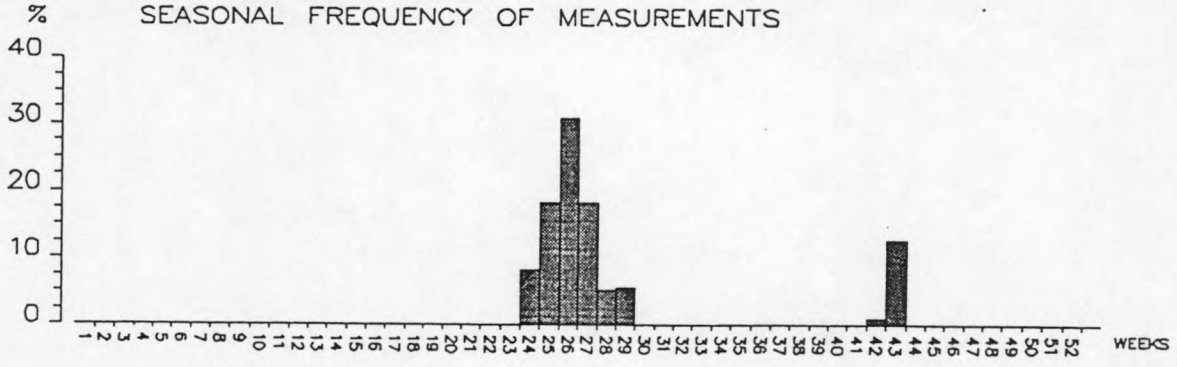
<	3568	<	1529
<	3058	<	1019
<	2548	<	509
<	2038	=	0

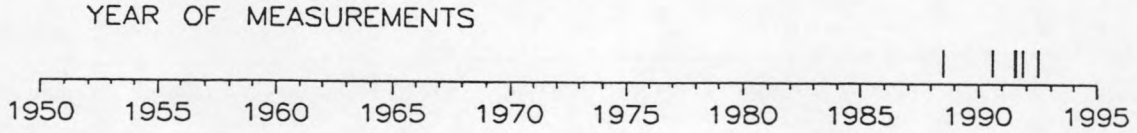
MINIMUM : 9.66
MAXIMUM : 20.78

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001012401

ENAME : MUMM/Pollentier, A.

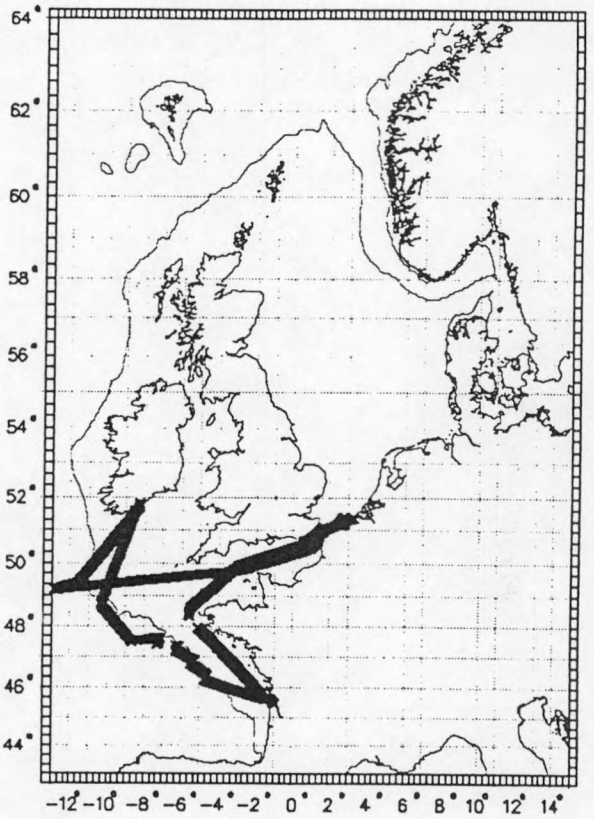
UNITS : GRD C

NO. OF POSITIONS : 2875

NO. OF DATA : 3088

MINIMUM : 8.24

MAXIMUM : 11.82



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

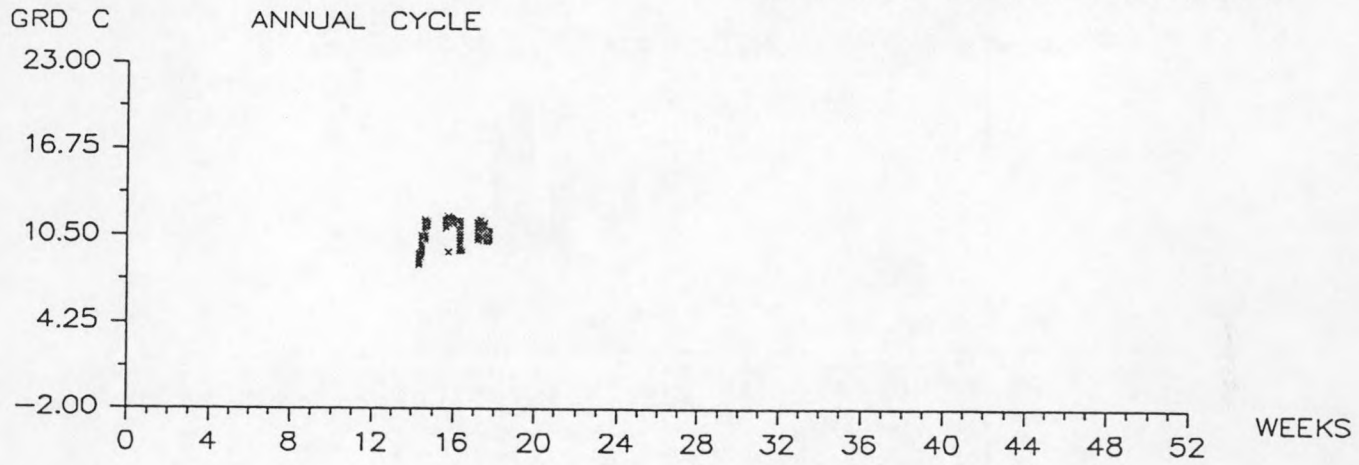
FIRST WEEK : 1

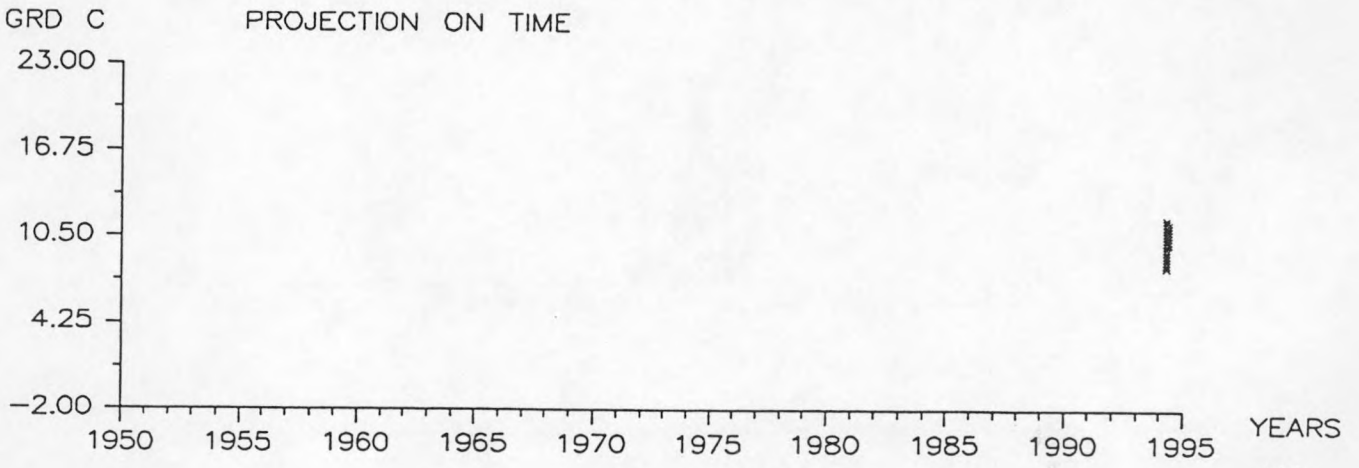
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



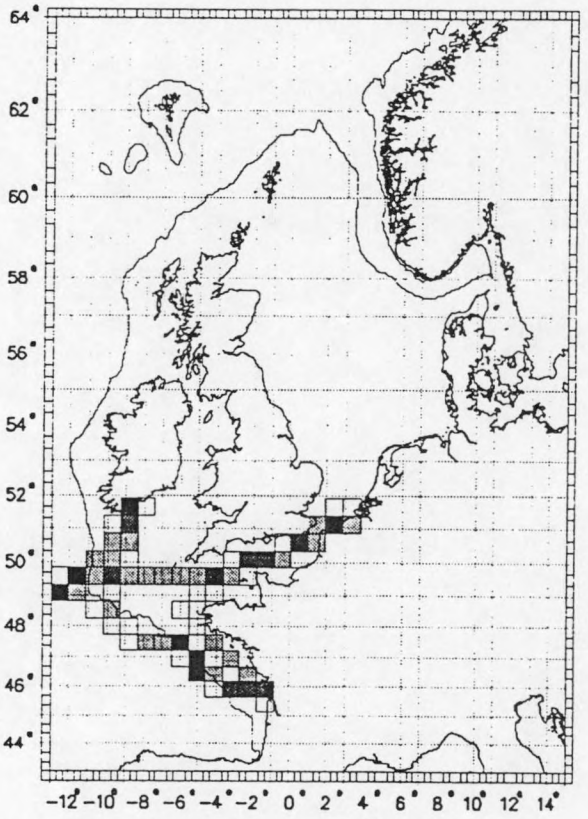


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001012401
ENAME : MUMM/Pollentier, A.
UNITS : GRD C
NO. OF DATA : 3088
NO. OF POSITIONS : 2875



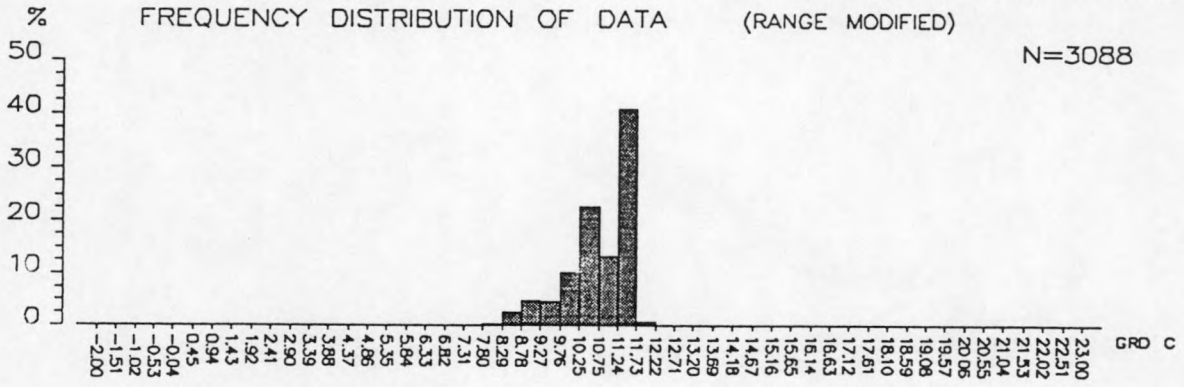
NO. OF DATA/AREA :
(without longterm data series !)

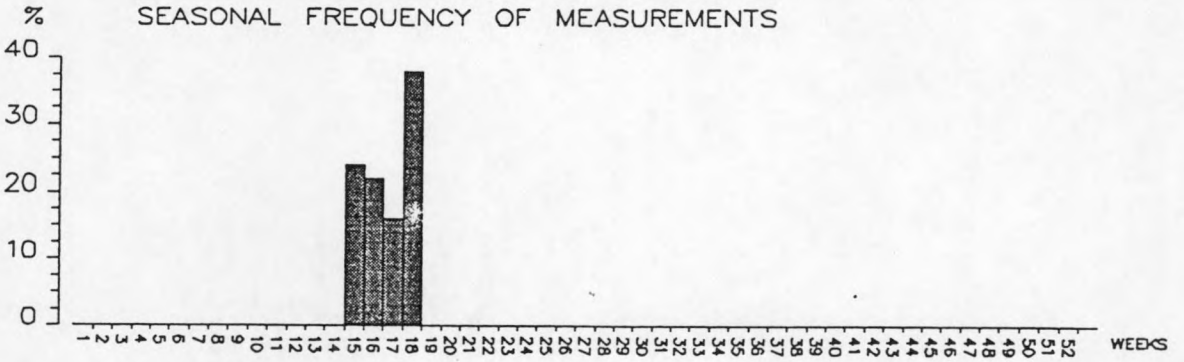
<	220	<	94
<	188	<	62
<	157	<	31
<	125	=	0

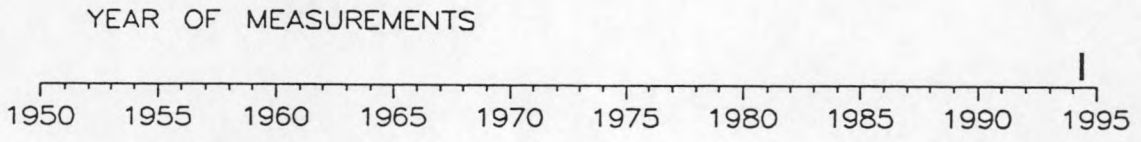
MINIMUM : 8.24
MAXIMUM : 11.82

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010601

ENAME : MUMM (OOST)

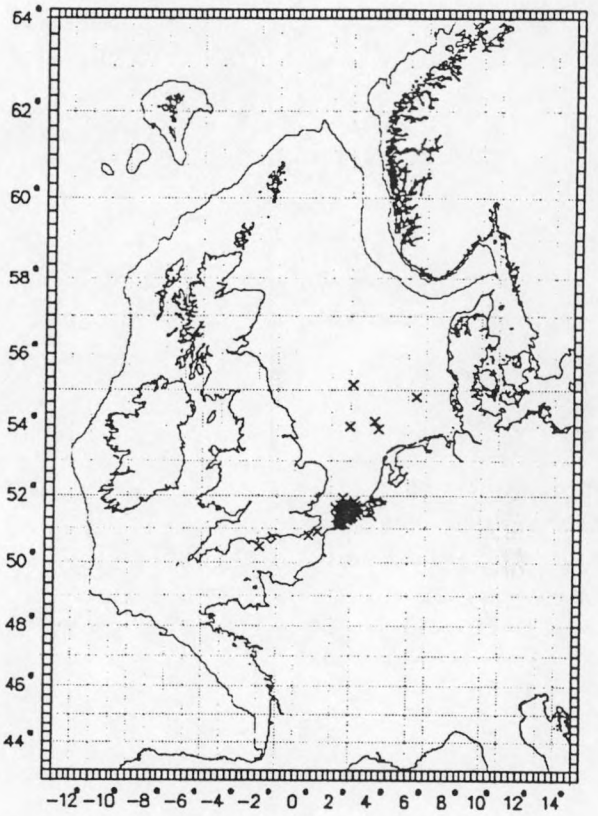
UNITS : GRD C

NO. OF POSITIONS : 75

NO. OF DATA : 2074

MINIMUM : 0.01

MAXIMUM : 20.00



MODIFICATIONS

TIME—INTERVALL :

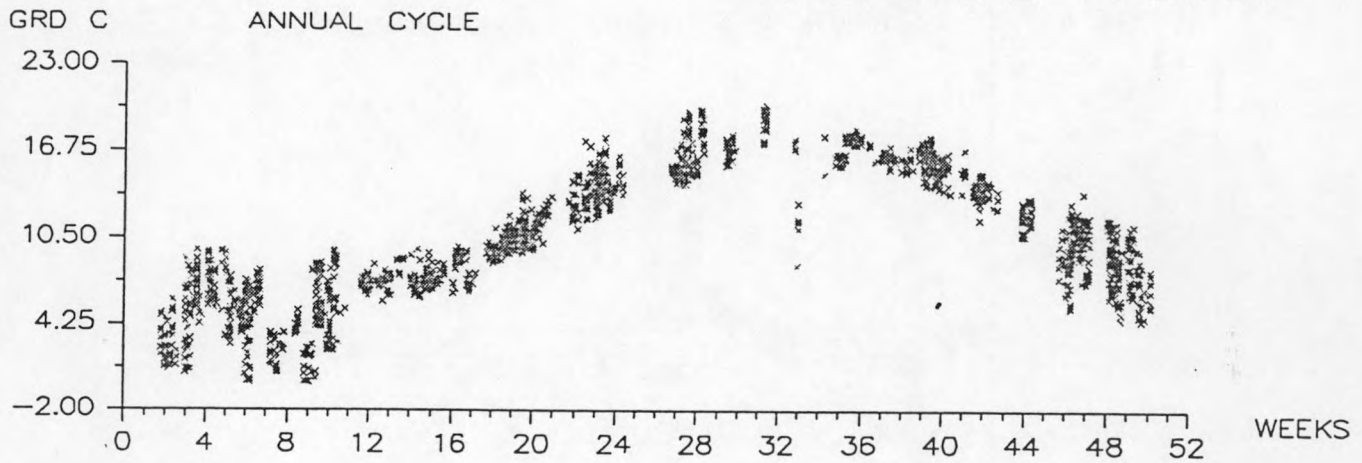
FIRST DATE : 50—01—01
LAST DATE : 95—12—31

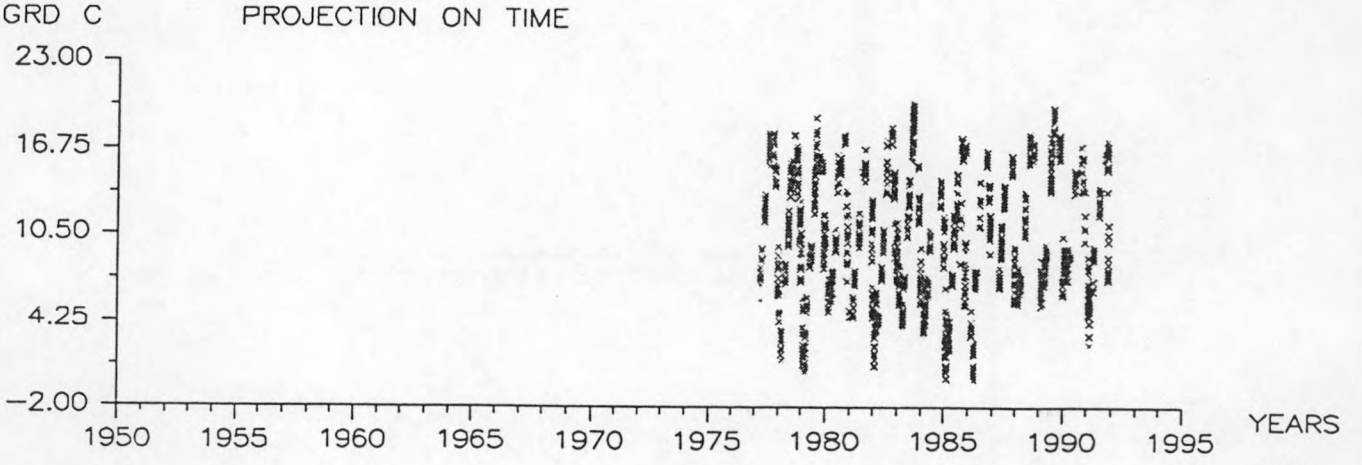
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE

UPPER : 0

LOWER : 2000



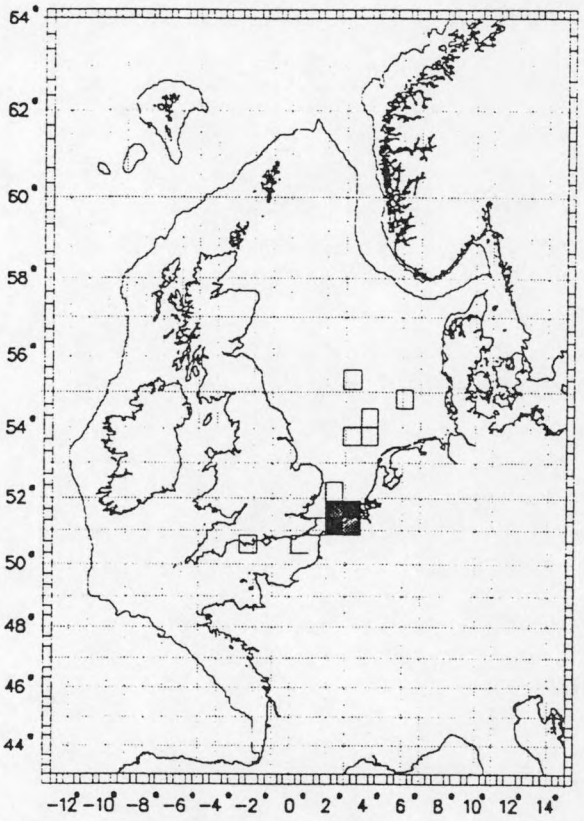


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010601
ENAME : MUMM (OOST)
UNITS : GRD C
NO. OF DATA : 2074
NO. OF POSITIONS : 75



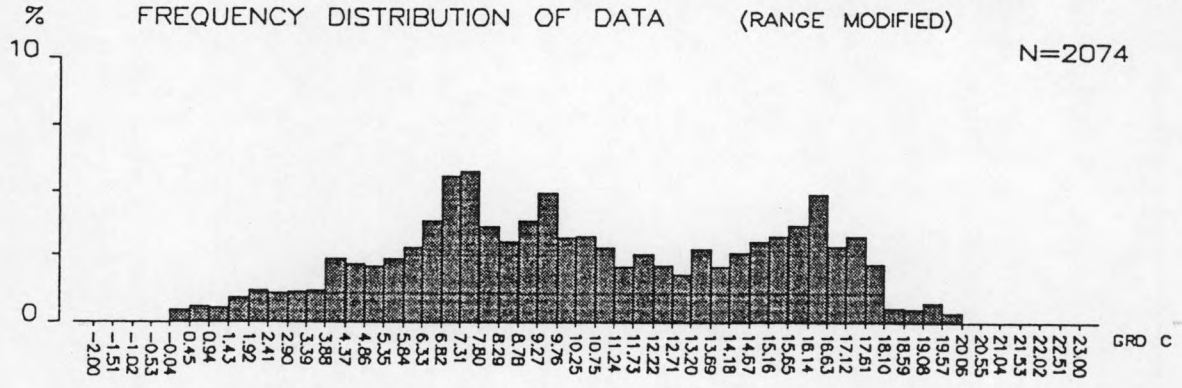
NO. OF DATA/AREA :
(without longterm data series !)

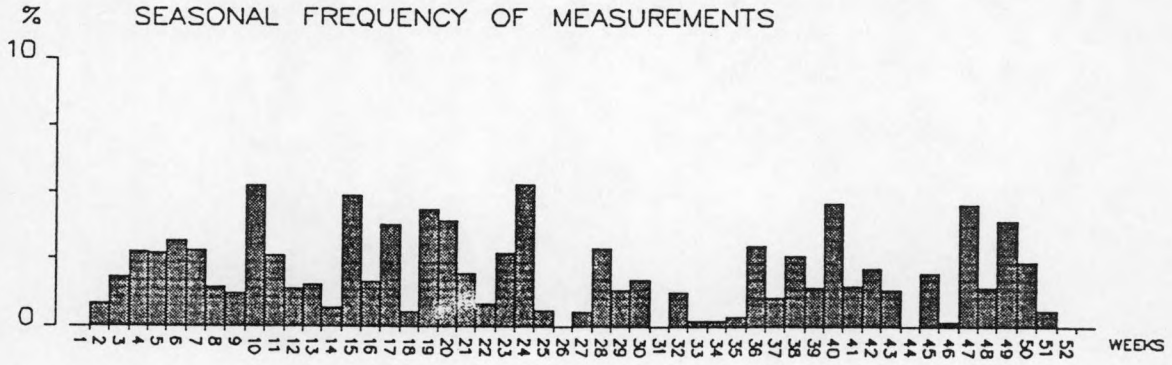
<	741	<	317
<	635	<	211
<	529	<	105
<	423	=	0

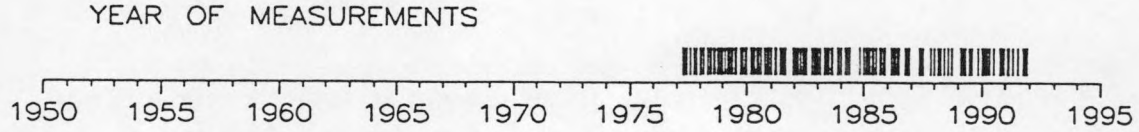
MINIMUM : 0.01
MAXIMUM : 20.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010201

ENAME : NIOZ/Cadee G.C.

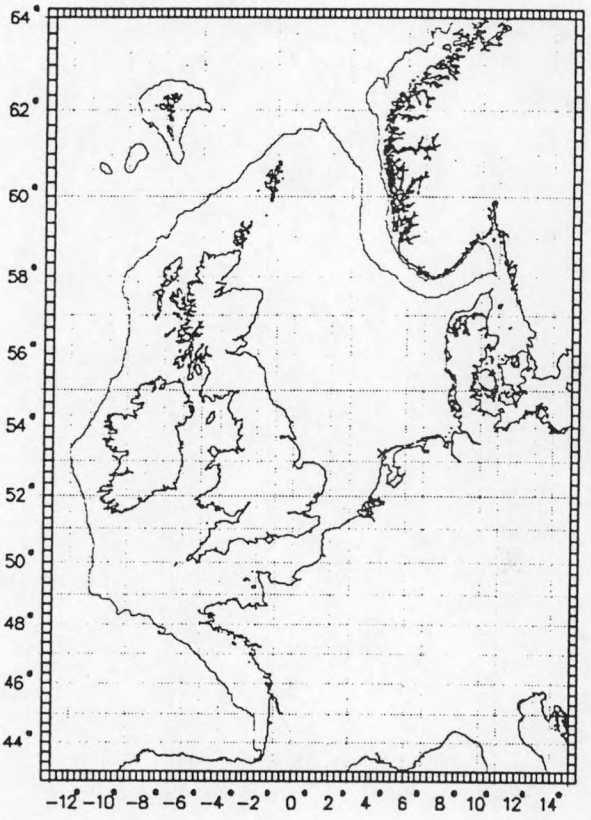
UNITS : GRD C

NO. OF POSITIONS : 1

NO. OF DATA : 178

MINIMUM : −1.90

MAXIMUM : 21.30



MODIFICATIONS

TIME−INTERVALL :

FIRST DATE : 50−01−01

LAST DATE : 95−12−31

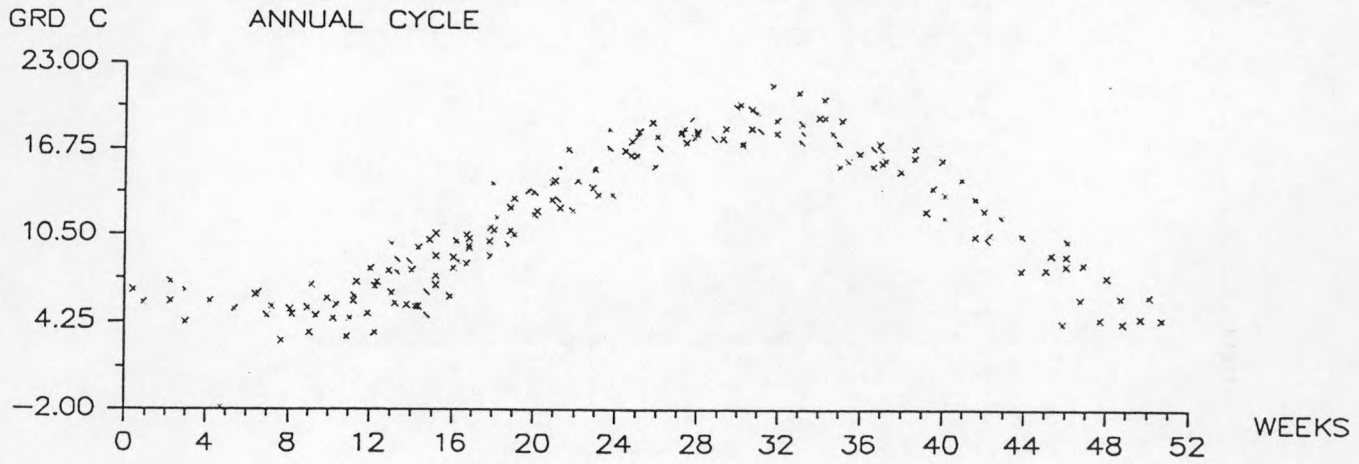
FIRST WEEK : 1

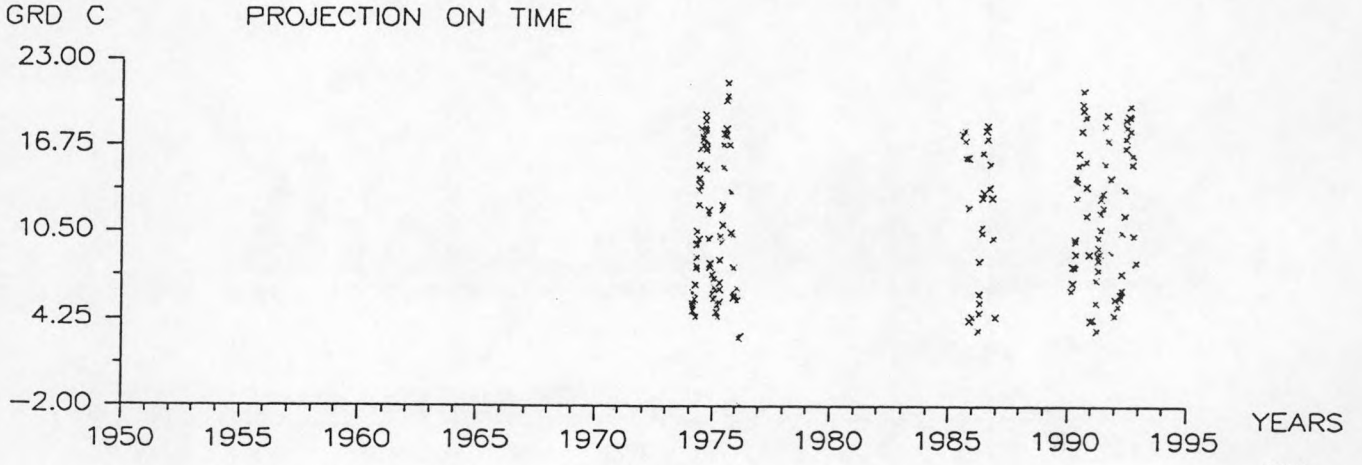
LAST WEEK : 53

DEPTH−RANGE

UPPER : 0

LOWER : 2000



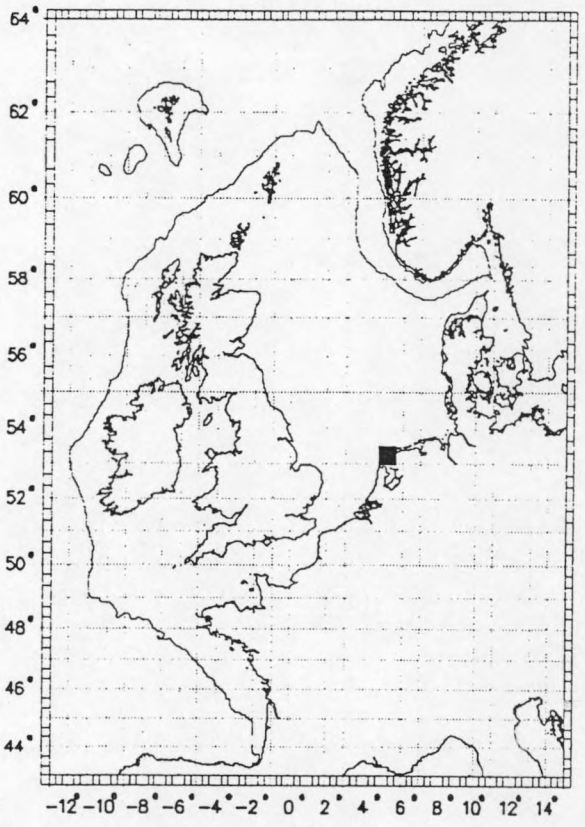


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010201
ENAME : NIOZ/Cadee G.C.
UNITS : GRD C
NO. OF DATA : 178
NO. OF POSITIONS : 1



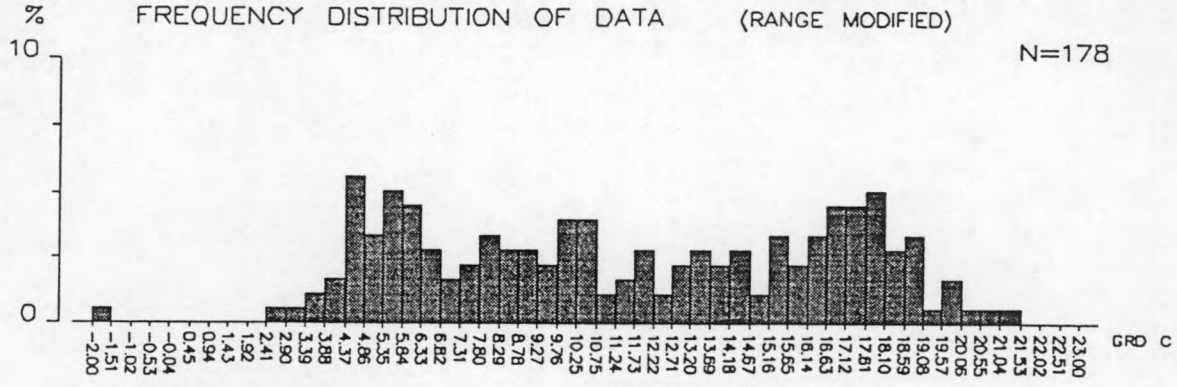
NO. OF DATA/AREA :
(without longterm data series !)

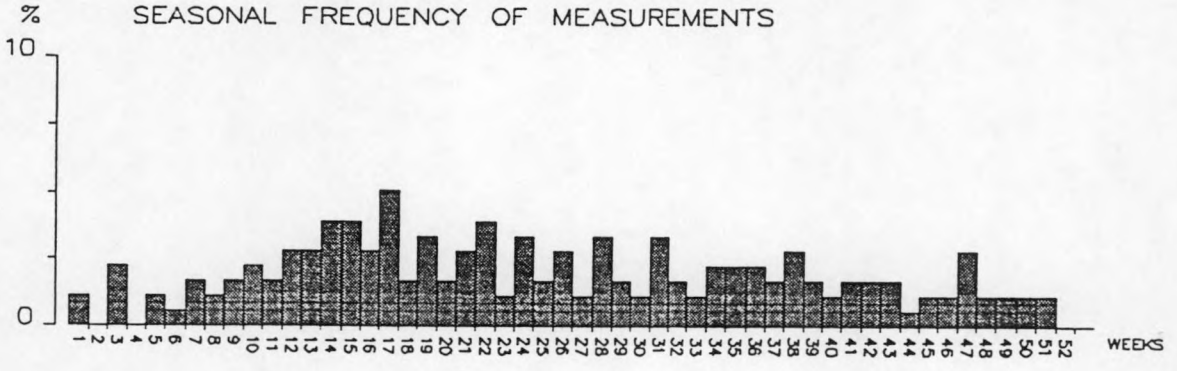
<	178	<	76
<	152	<	50
<	127	<	25
<	101	=	0

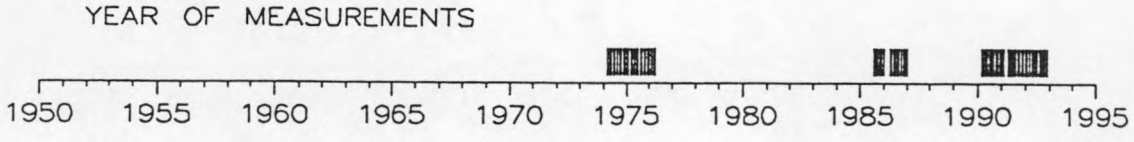
MINIMUM : −1.90
MAXIMUM : 21.30

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010101

ENAME : NIOZ/Van Raaphorst, W.

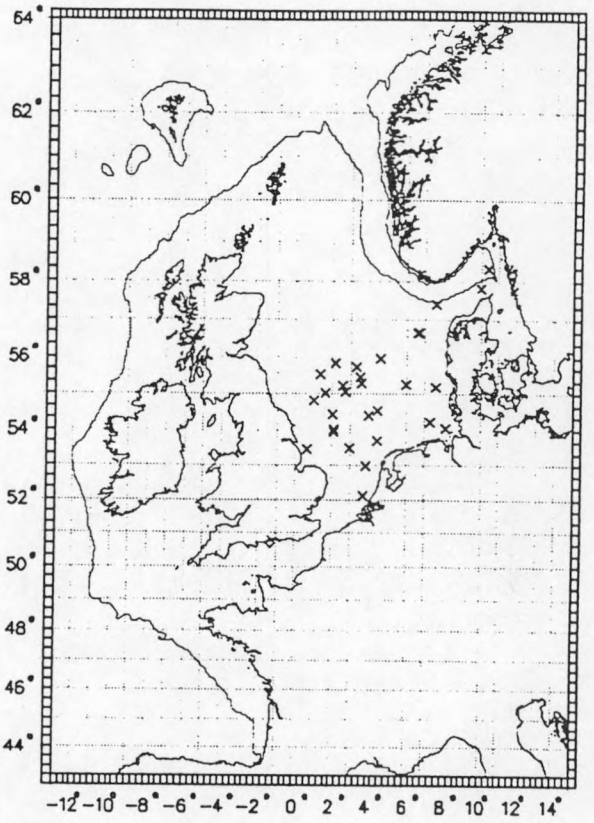
UNITS : GRD C

NO. OF POSITIONS : 34

NO. OF DATA : 53

MINIMUM : 4.40

MAXIMUM : 18.70



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

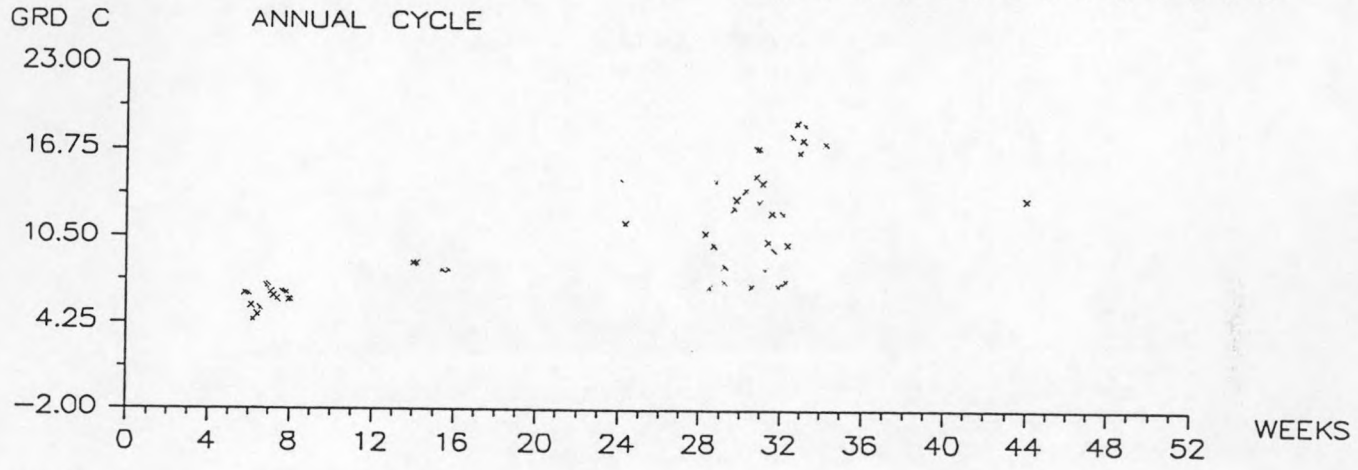
FIRST WEEK : 1

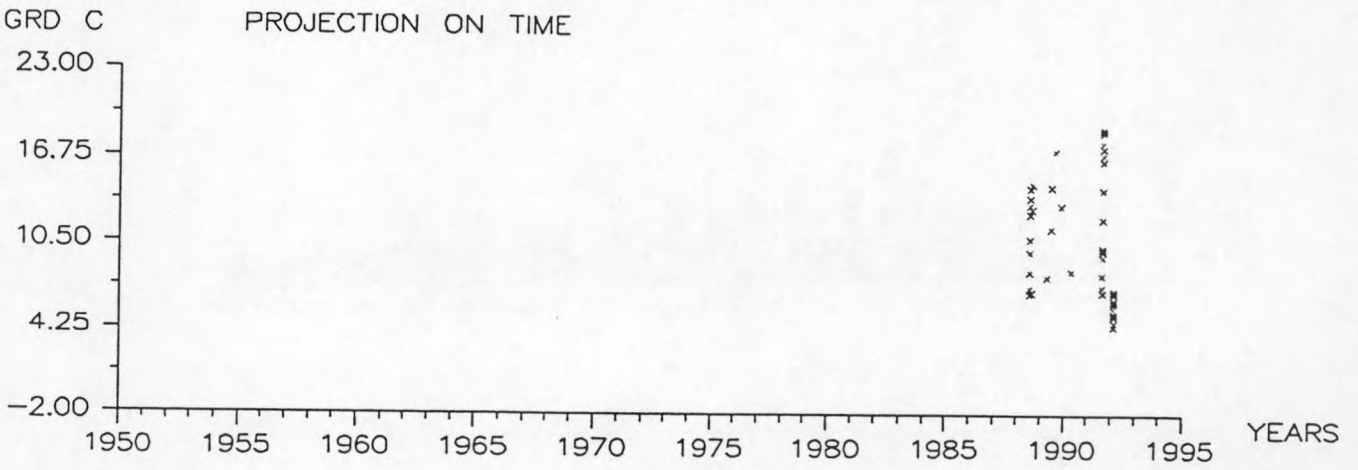
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



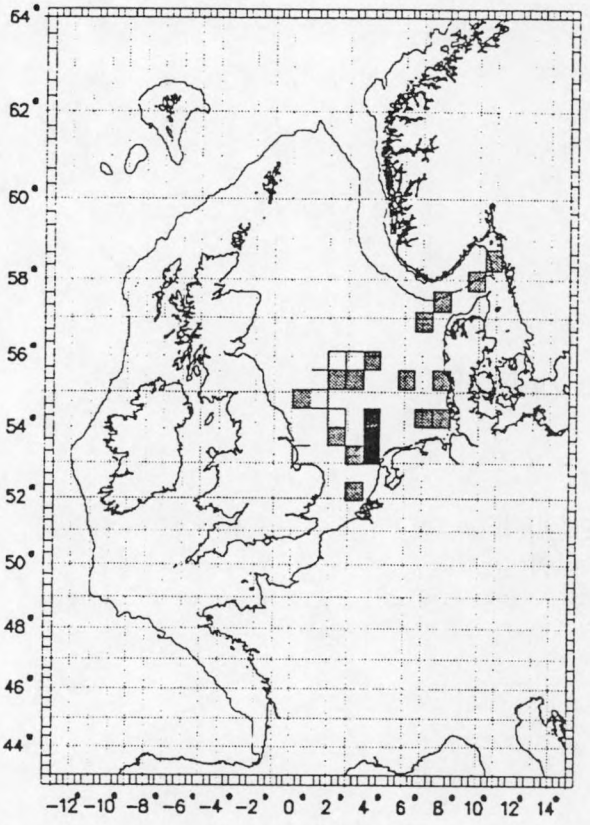


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010101
ENAME : NIOZ/Van Raaphorst, W.
UNITS : GRD C
NO. OF DATA : 53
NO. OF POSITIONS : 34



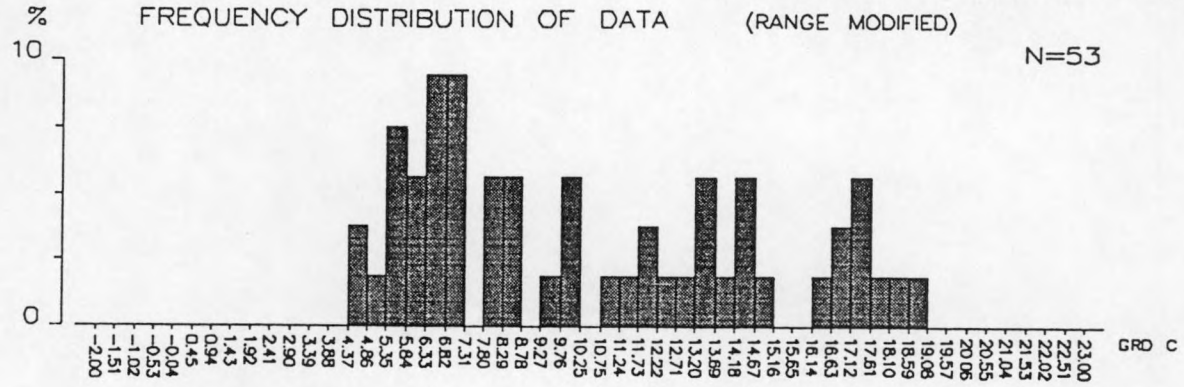
NO. OF DATA/AREA :
(without longterm data series !)

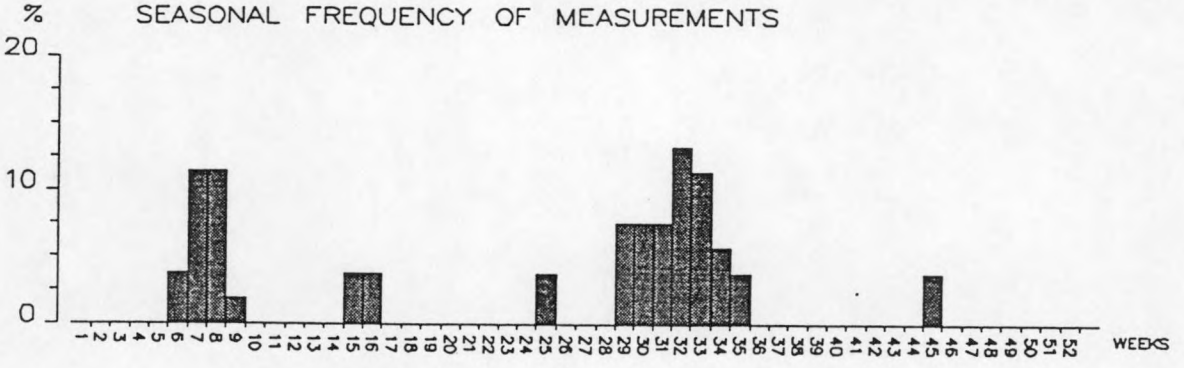
<	7	<	3
<	6	<	2
<	5	<	1
<	4	=	0

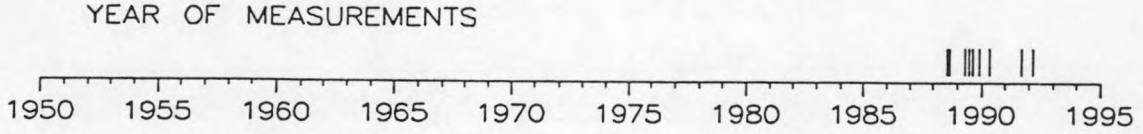
MINIMUM : 4.40
MAXIMUM : 18.70

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : NLWHI

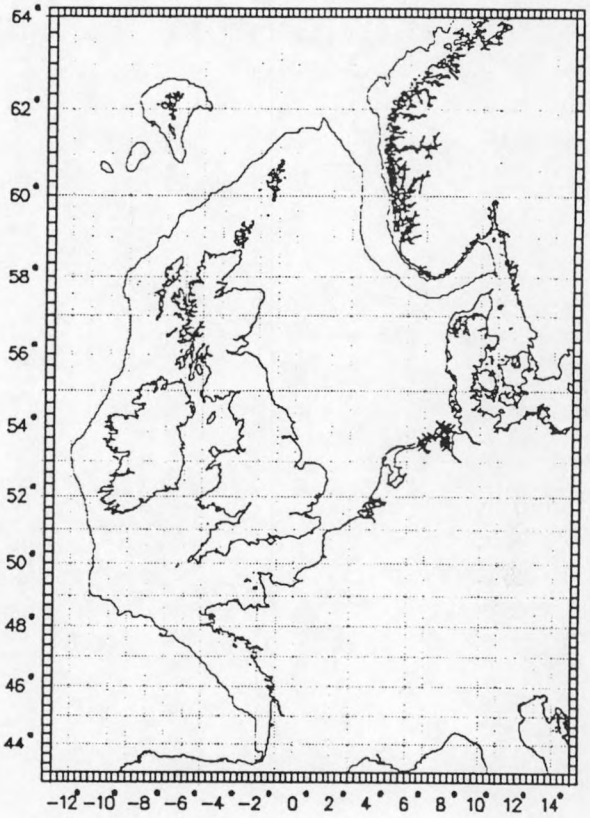
UNITS : GRD C

NO. OF POSITIONS : 20

NO. OF DATA : 324

MINIMUM : 2.10

MAXIMUM : 22.50



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

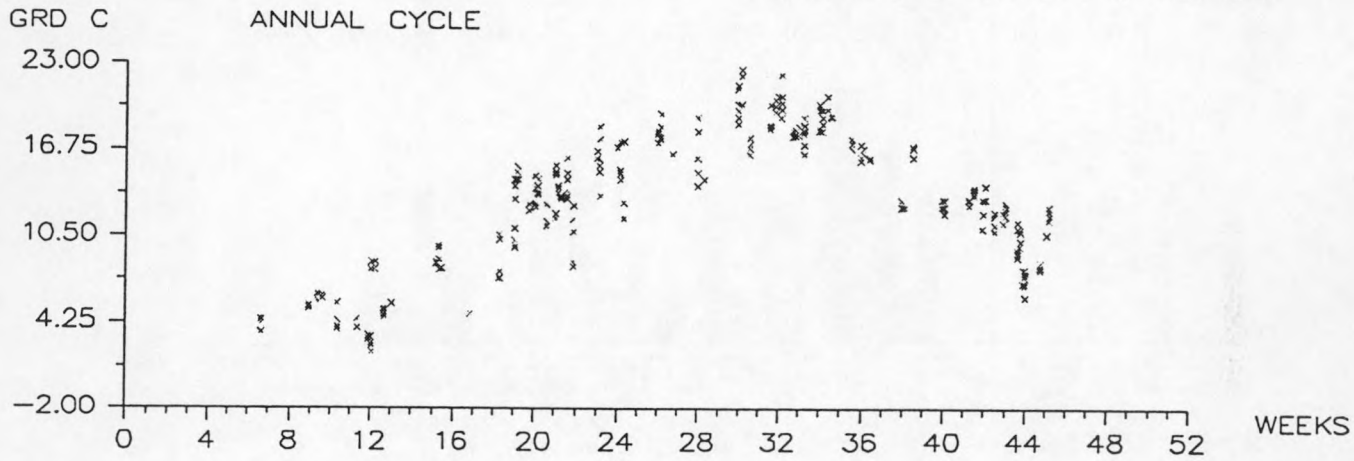
FIRST WEEK : 1

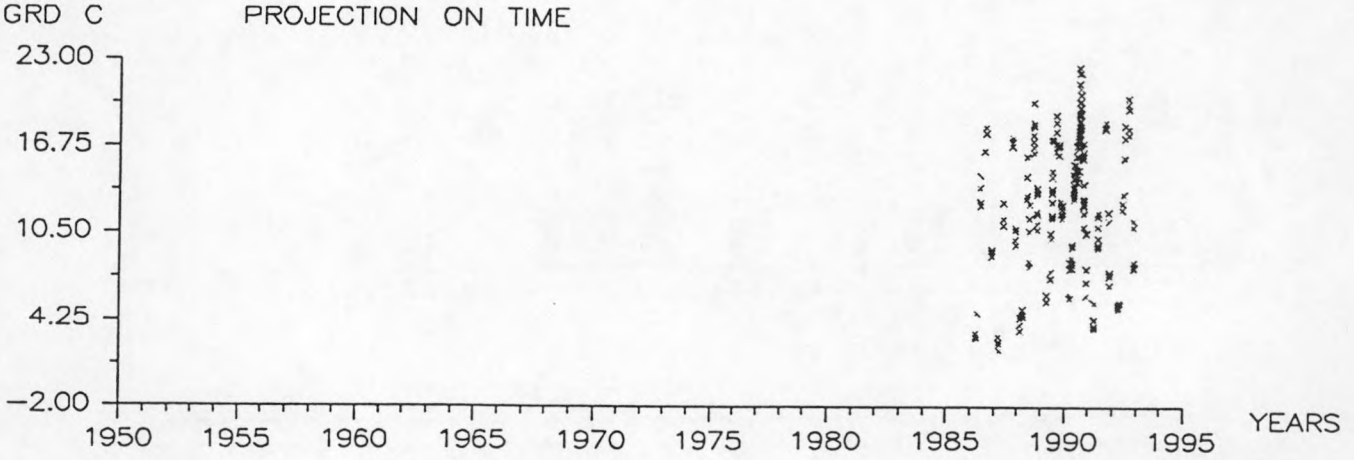
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



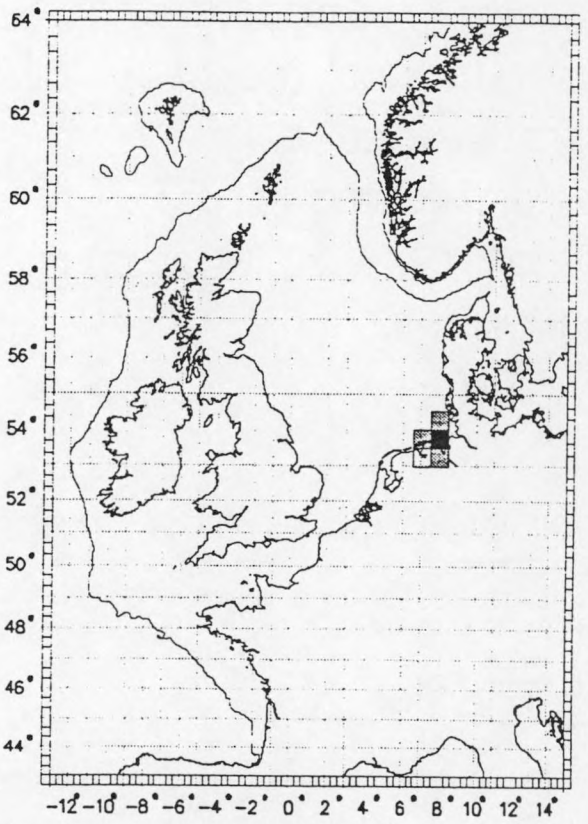


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : NLWHI
UNITS : GRD C
NO. OF DATA : 324
NO. OF POSITIONS : 20



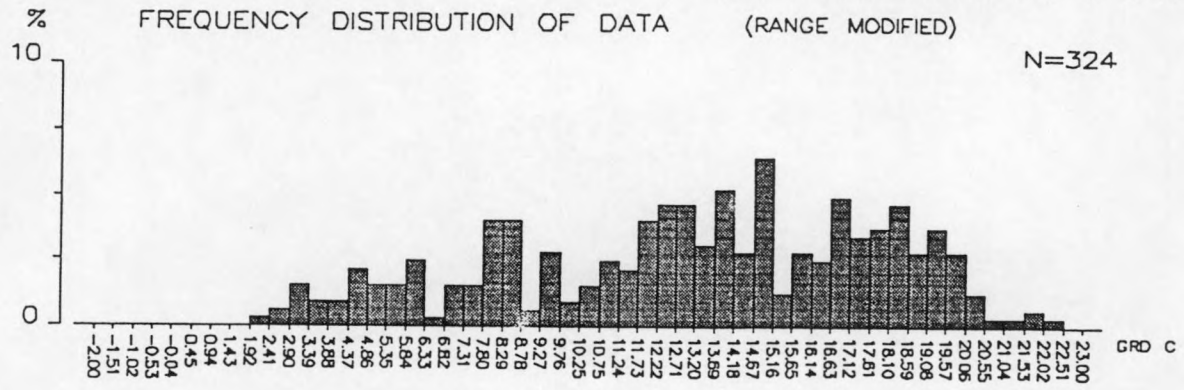
NO. OF DATA/AREA :
(without longterm data series !)

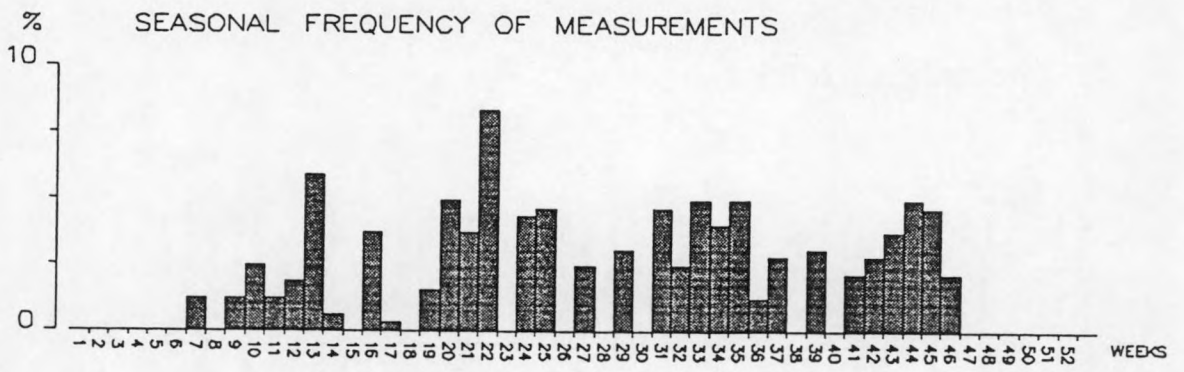
< 184	< 78
< 157	< < 52
< 131	< < < 26
< 105	= 0

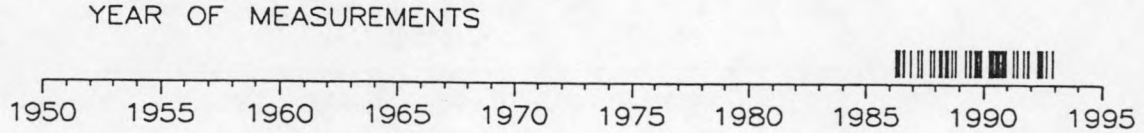
MINIMUM : 2.10
MAXIMUM : 22.50

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : NOD (Norwegian Ocean D

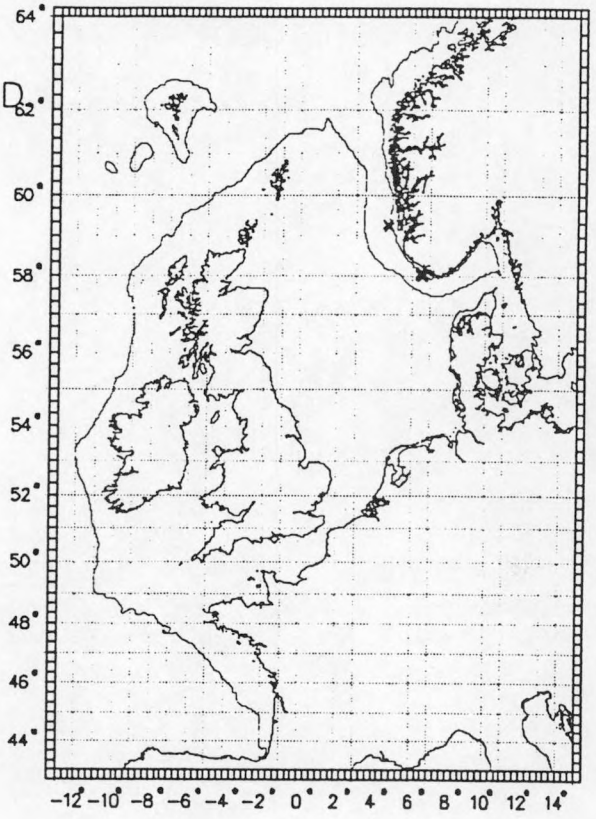
UNITS : GRD C

NO. OF POSITIONS : 11

NO. OF DATA : 21521

MINIMUM : −1.77

MAXIMUM : 21.50



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

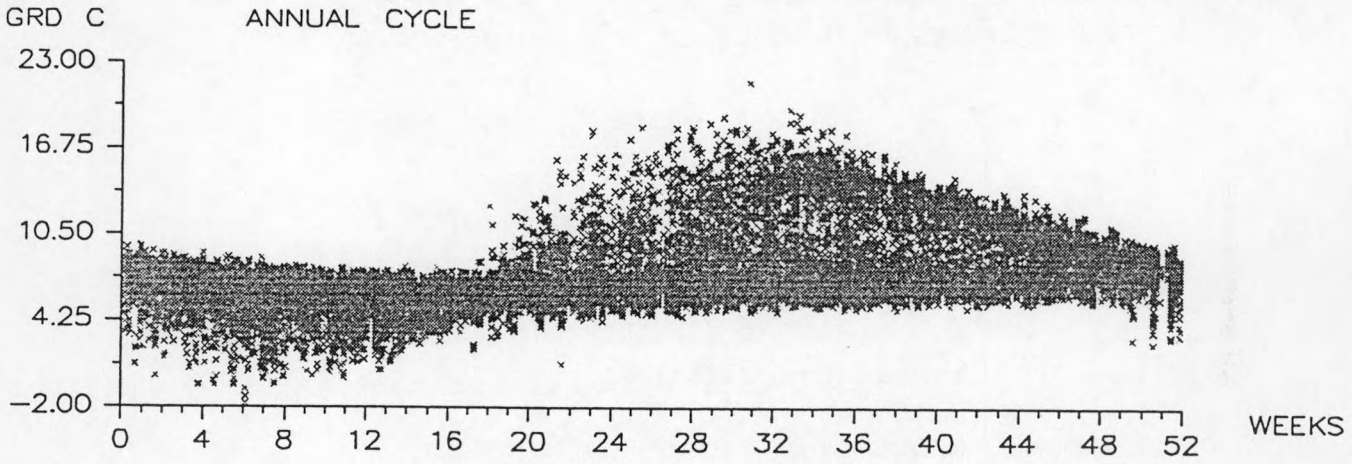
FIRST WEEK : 1

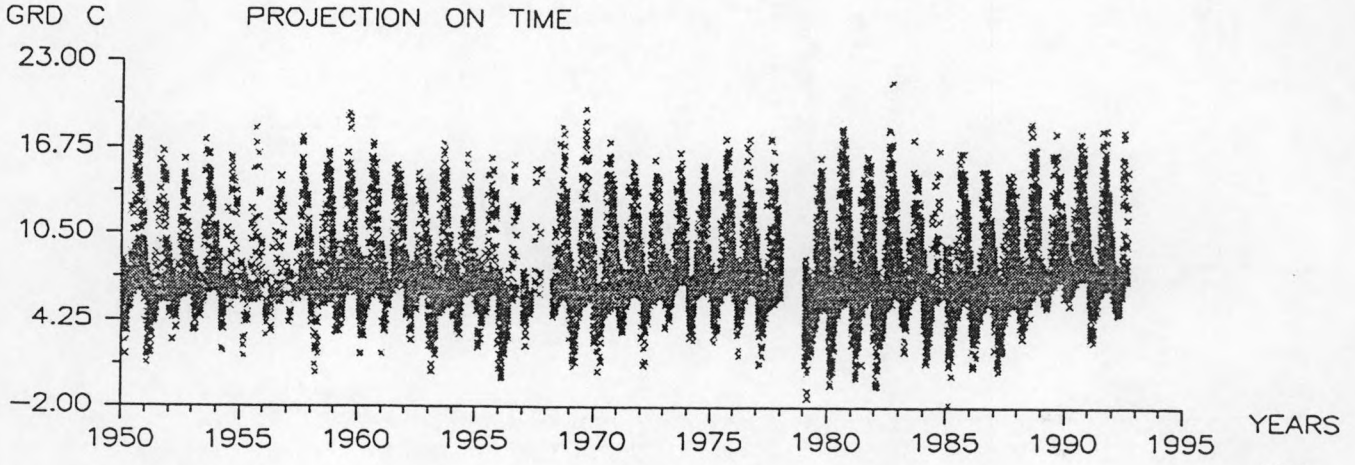
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



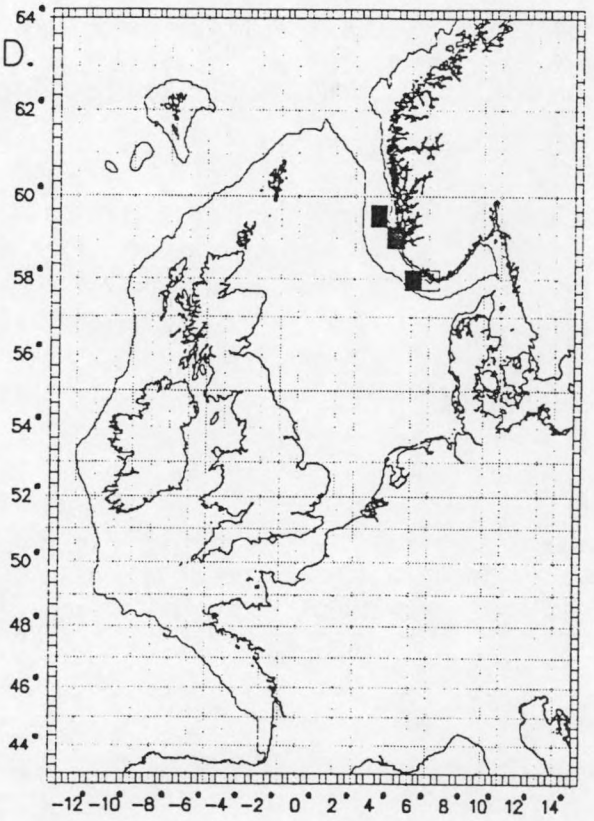


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : NOD (Norwegian Ocean D.
UNITS : GRD C
NO. OF DATA : 21521
NO. OF POSITIONS : 11



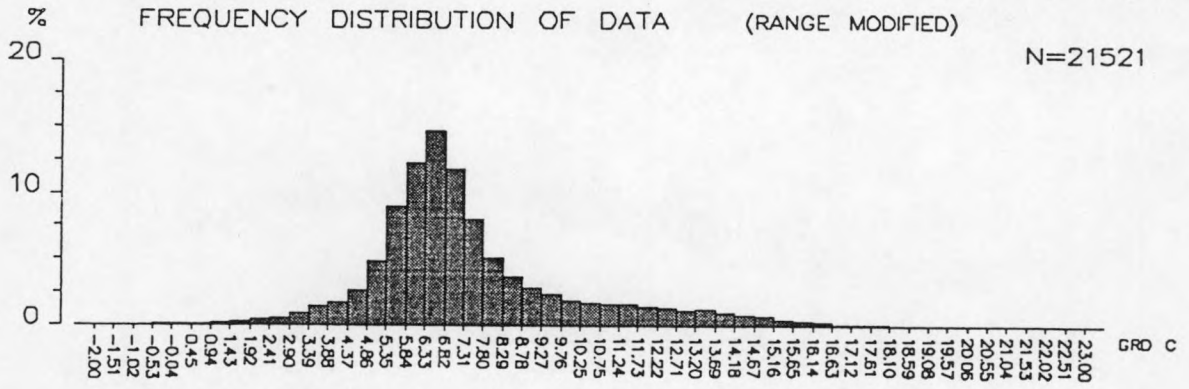
NO. OF DATA/AREA :
(without longterm data series !)

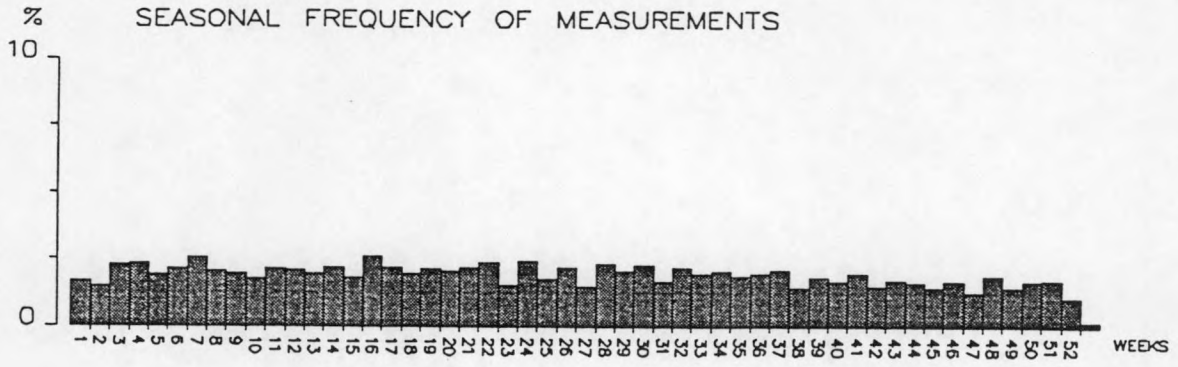
<	10786	<	4622
<	9245	<	3081
<	7704	<	1540
<	6163	=	0

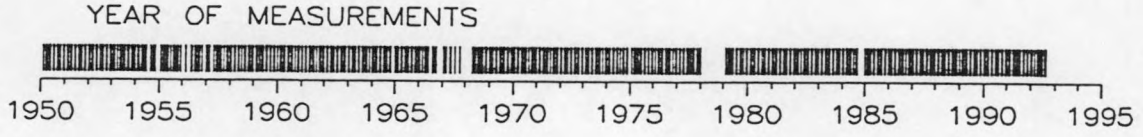
MINIMUM : −1.77
MAXIMUM : 21.50

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001011601

ENAME : Slinn, D.J. and Allen,.

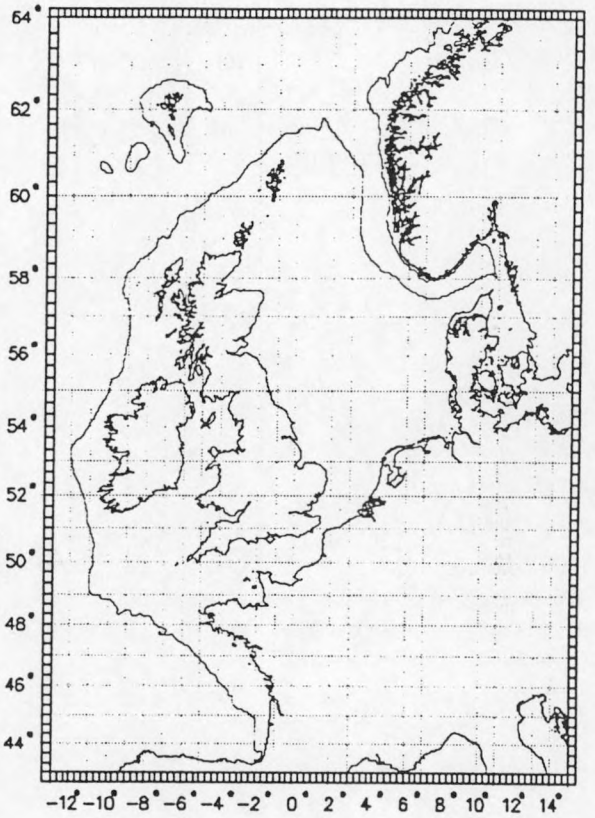
UNITS : GRD C

NO. OF POSITIONS : 1

NO. OF DATA : 6059

MINIMUM : 5.20

MAXIMUM : 16.50



MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

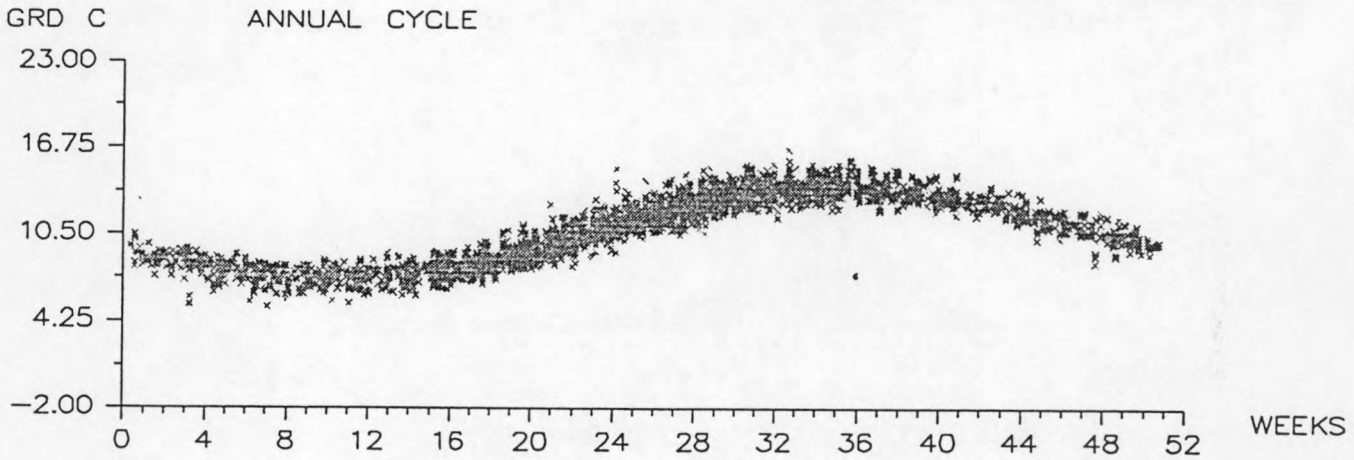
FIRST WEEK : 1

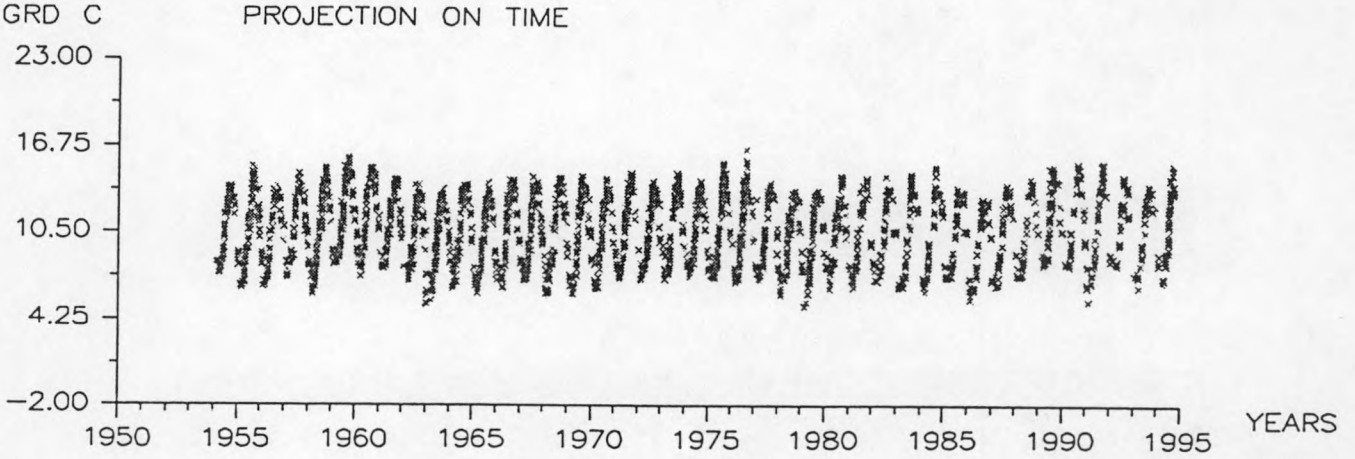
LAST WEEK : 53

DEPTH—RANGE

UPPER : 0

LOWER : 2000



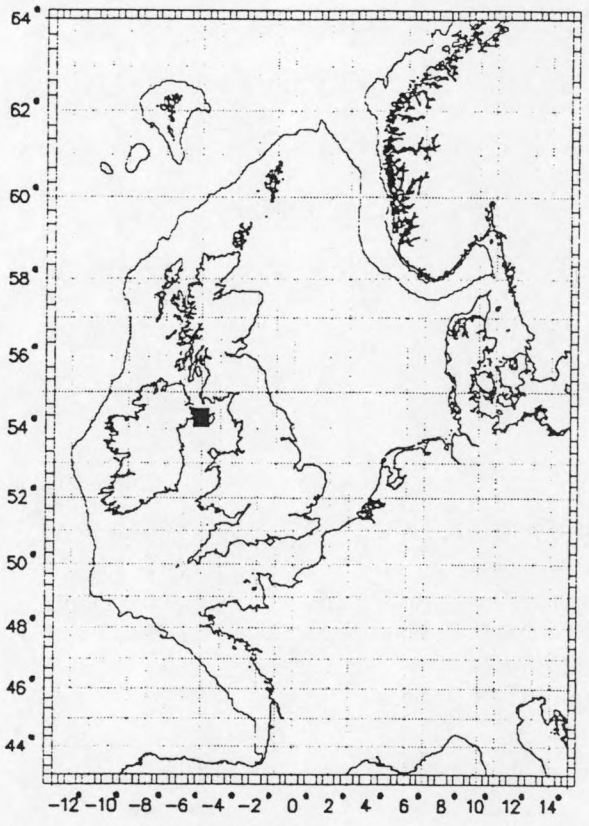


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001011601
ENAME : Slinn, D.J. and Allen,.
UNITS : GRD C
NO. OF DATA : 6059
NO. OF POSITIONS : 1



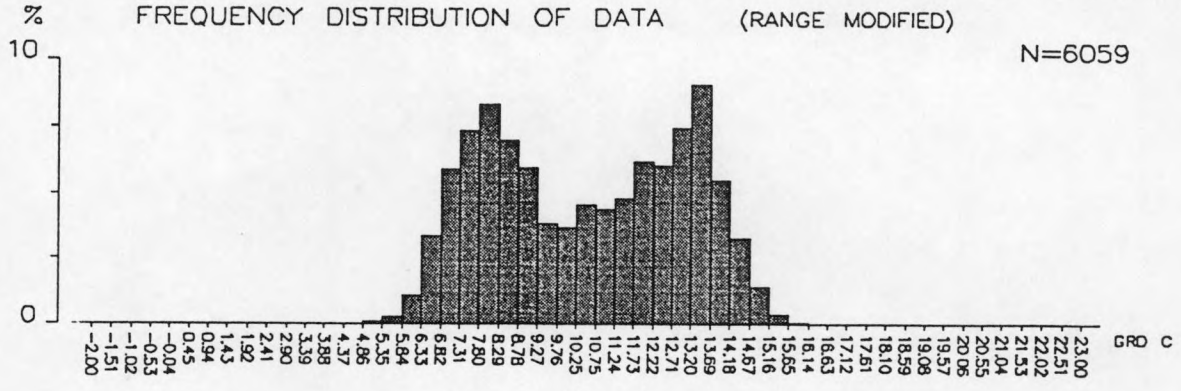
NO. OF DATA/AREA :
(without longterm data series !)

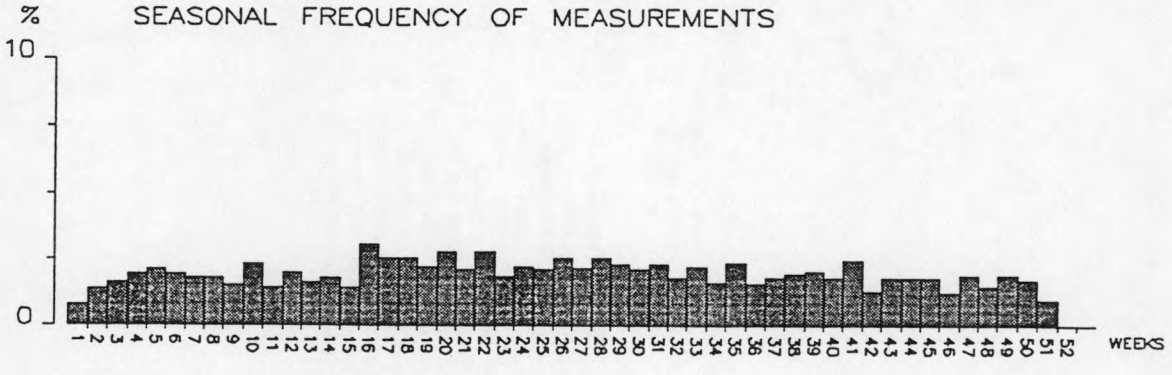
<	6059	<	2596
<	5193	<	1731
<	4327	<	865
<	3462	=	0

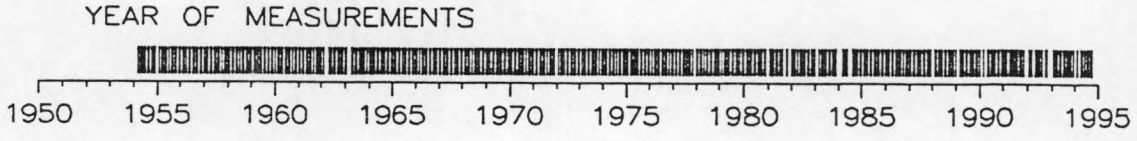
MINIMUM : 5.20
MAXIMUM : 16.50

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : RWS/Laane, R.

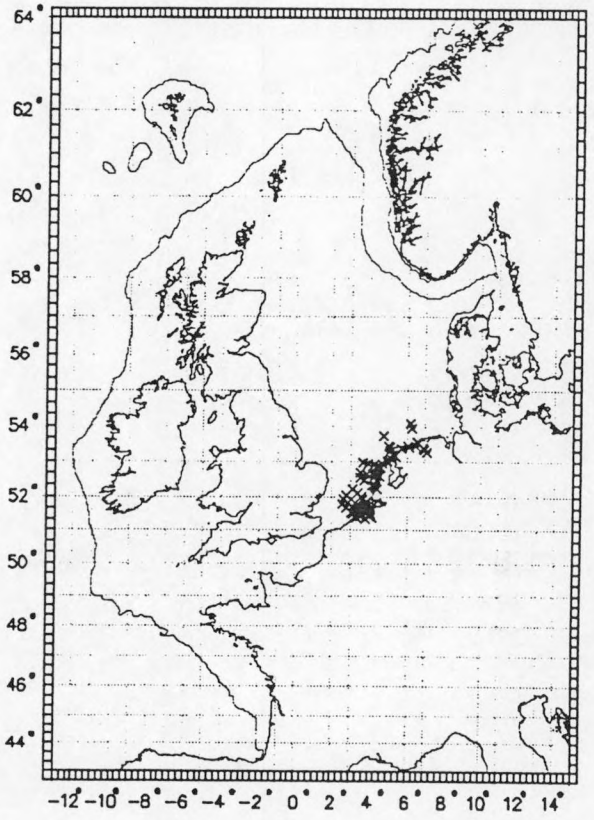
UNITS : GRD C

NO. OF POSITIONS : 81

NO. OF DATA : 14060

MINIMUM : −1.50

MAXIMUM : 24.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

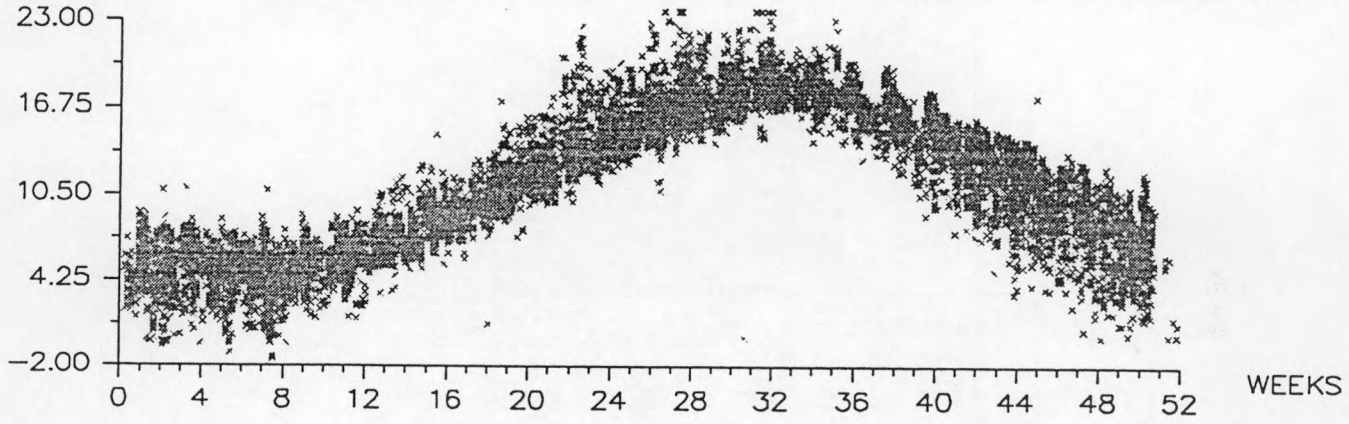
DEPTH–RANGE

UPPER : 0

LOWER : 2000

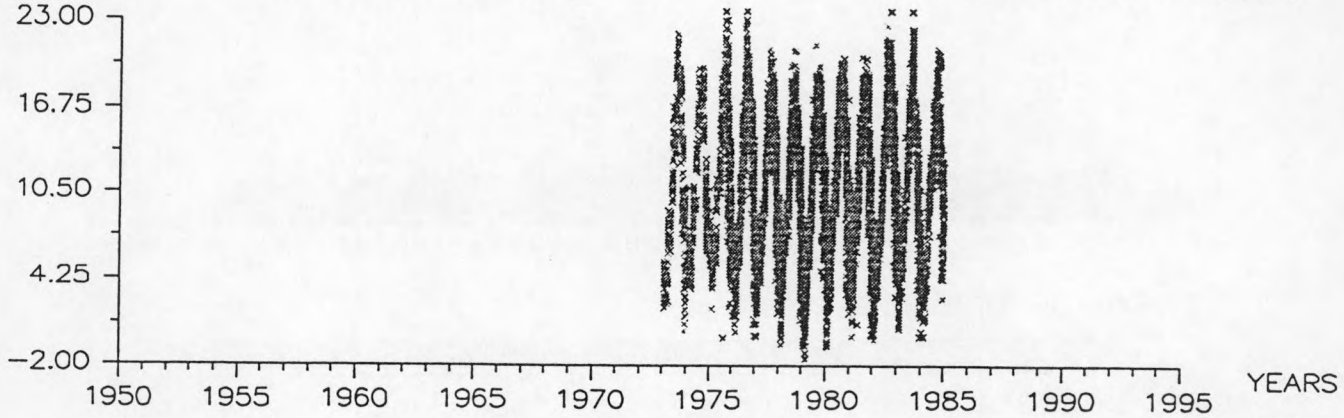
GRD C ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 7



GRD C PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 7

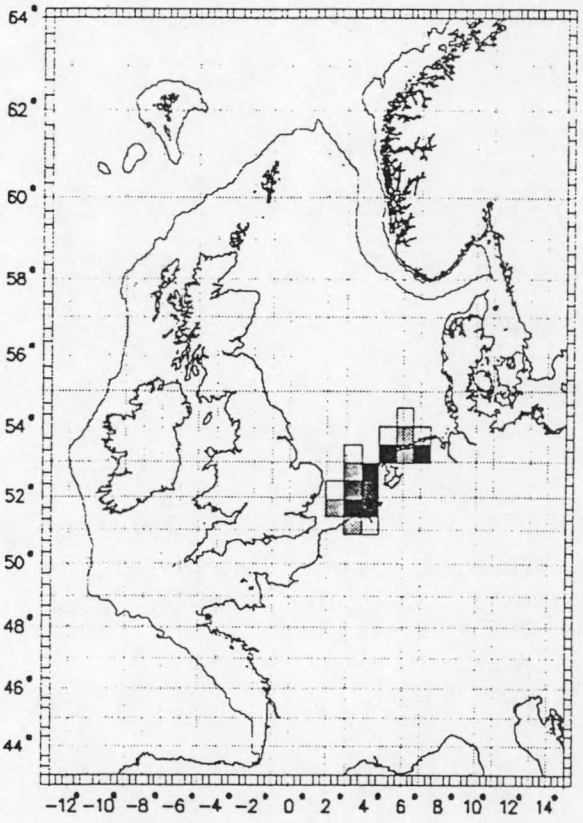


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : RWS/Laane, R.
UNITS : GRD C
NO. OF DATA : 14060
NO. OF POSITIONS : 81



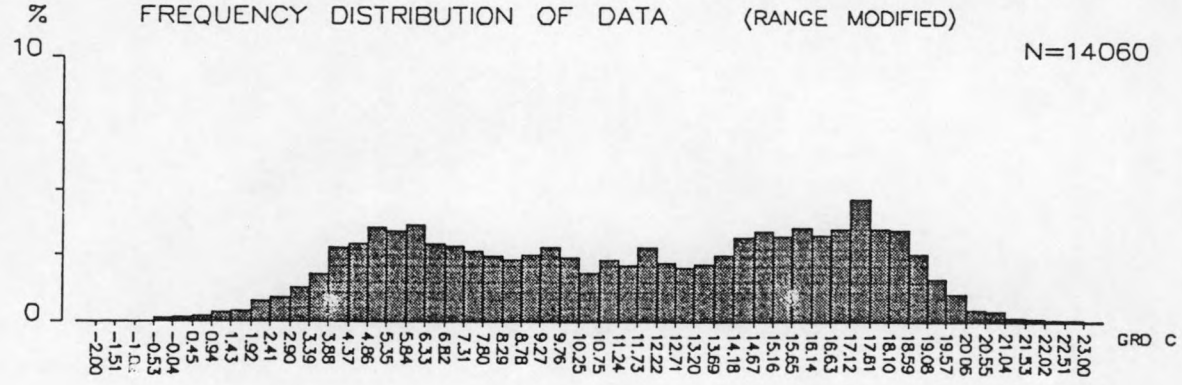
NO. OF DATA/AREA :
(without longterm data series !)

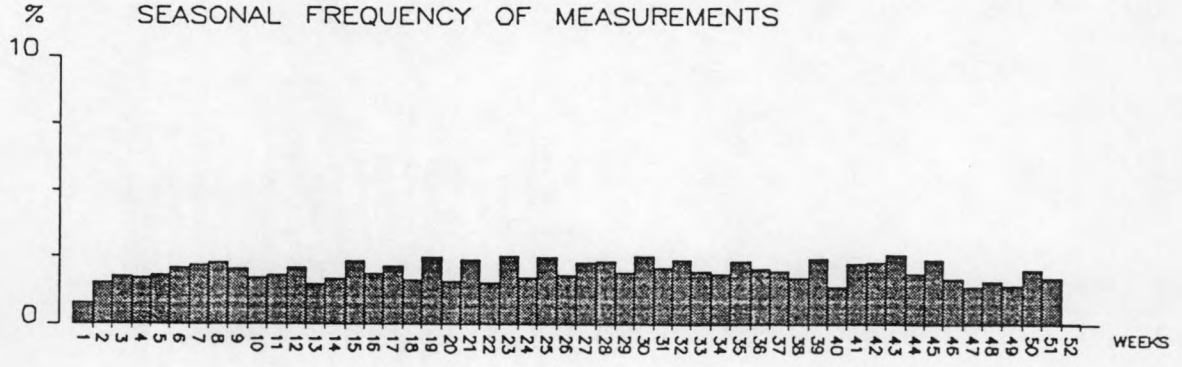
<	2511	<	1076
<	2152	<	717
<	1793	<	358
<	1434	=	0

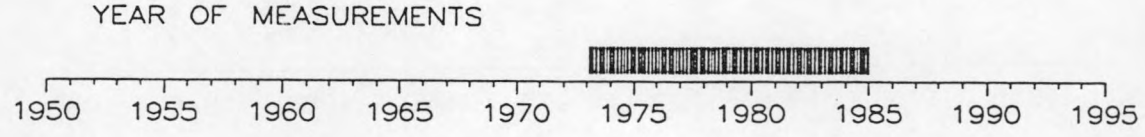
MINIMUM : −1.50
MAXIMUM : 24.00

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010701

ENAME : RWS/Laane, R.

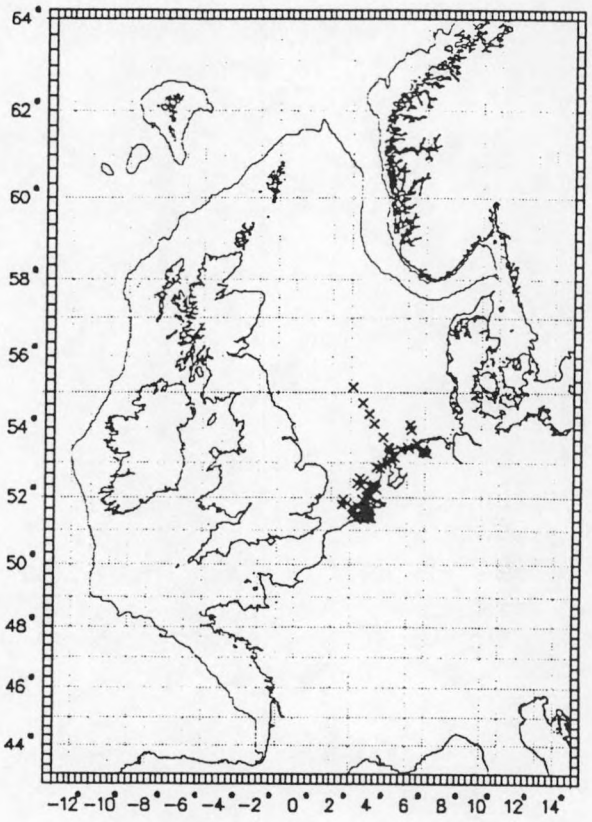
UNITS : GRD C

NO. OF POSITIONS : 75

NO. OF DATA : 8320

MINIMUM : −1.80

MAXIMUM : 23.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

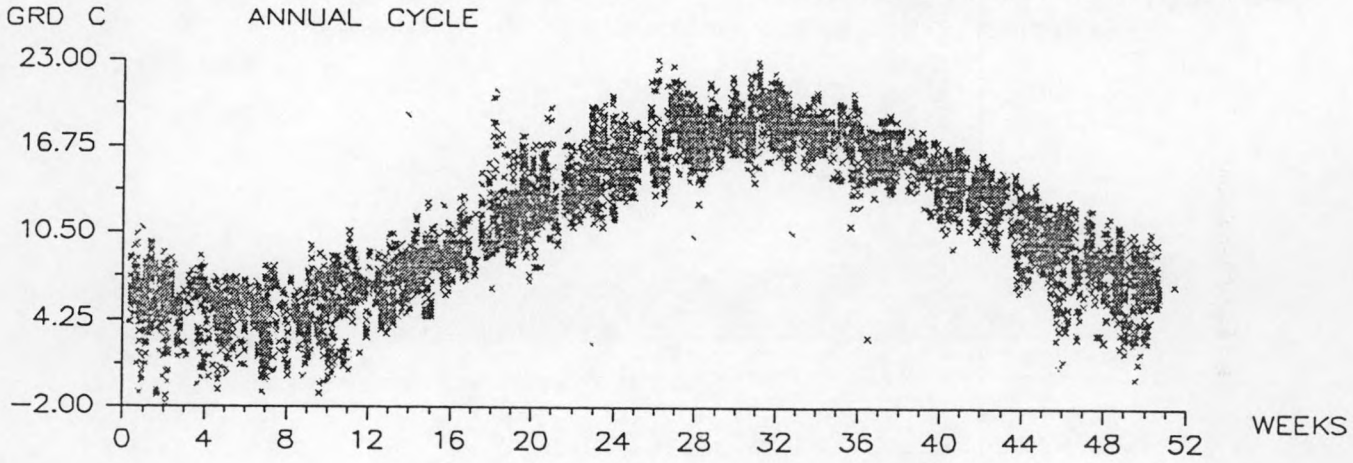
FIRST WEEK : 1

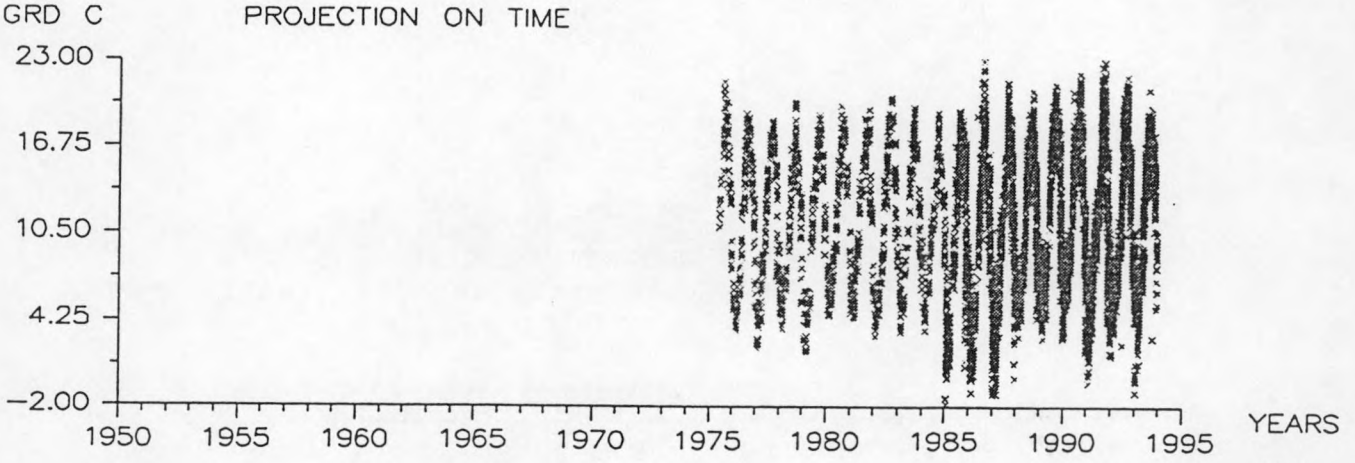
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



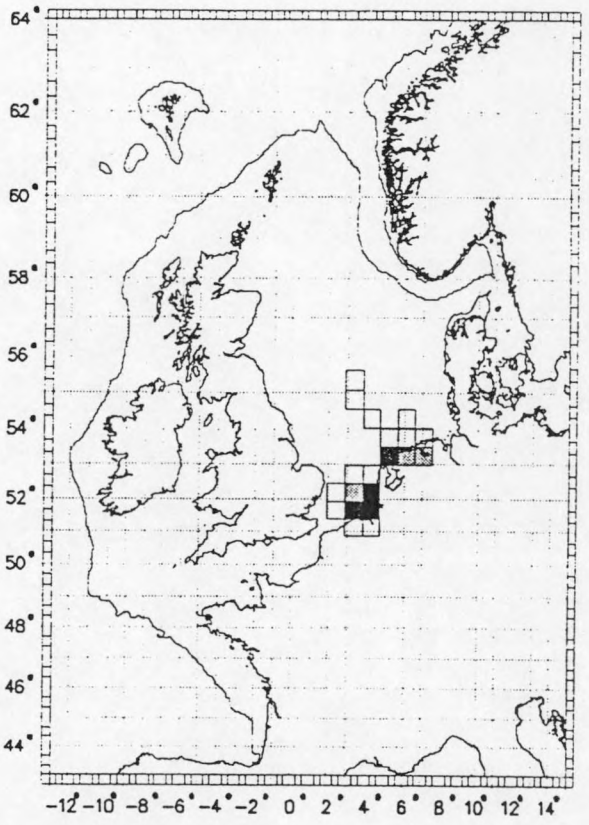


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010701
ENAME : RWS/Laane, R.
UNITS : GRD C
NO. OF DATA : 8320
NO. OF POSITIONS : 75



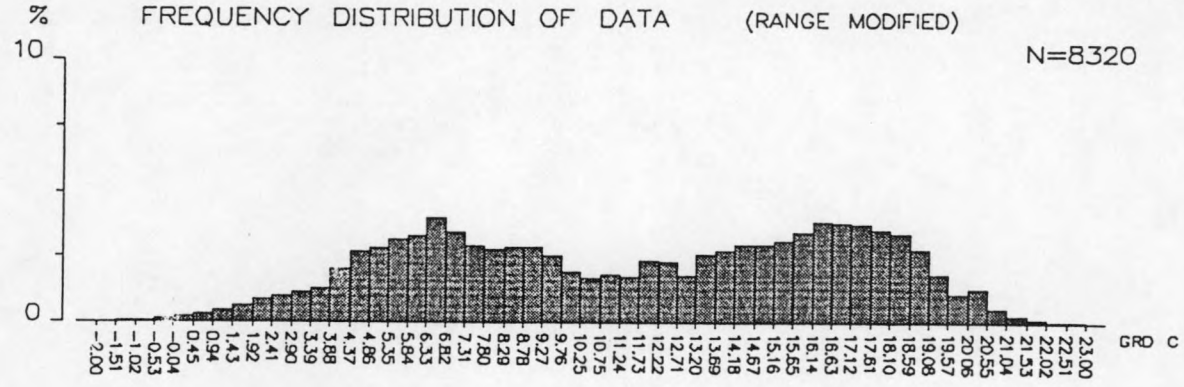
NO. OF DATA/AREA :
(without longterm data series !)

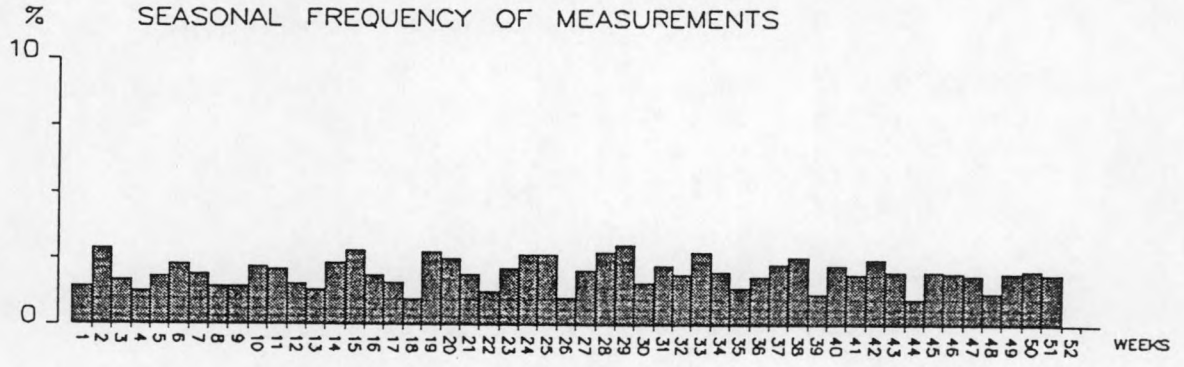
< 2209	< 946
< 1893	< 631
< 1577	< 315
< 1262	= 0

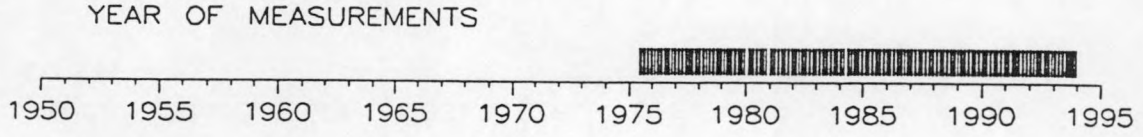
MINIMUM : −1.80
MAXIMUM : 23.00

MODIFICATIONS
TIME−INTERVALL :
FIRST DATE : 50−01−01
LAST DATE : 95−12−31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH−RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010001

ENAME : RWS—RIZA Lelystad

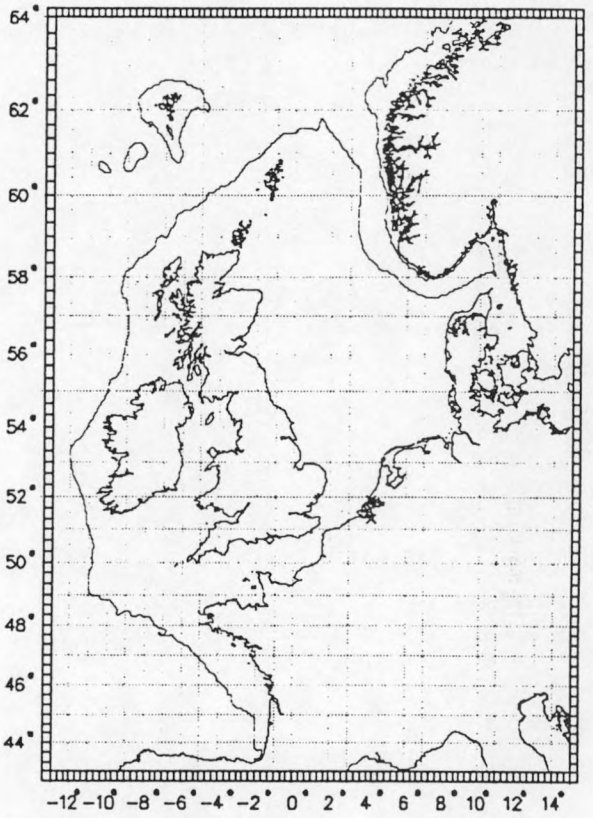
UNITS : GRD C

NO. OF POSITIONS : 2

NO. OF DATA : 1286

MINIMUM : 0.00

MAXIMUM : 25.00



MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

FIRST WEEK : 1

LAST WEEK : 53

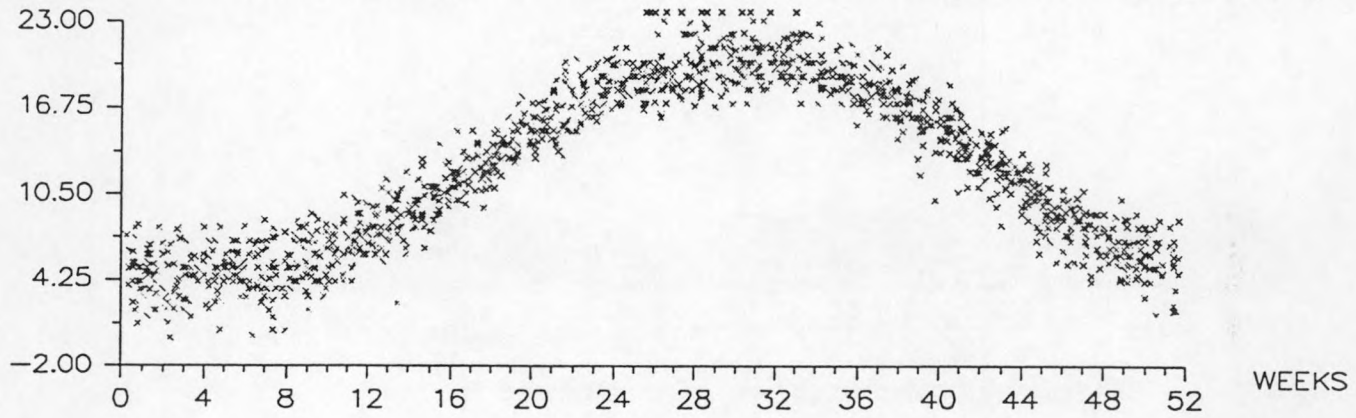
DEPTH—RANGE

UPPER : 0

LOWER : 2000

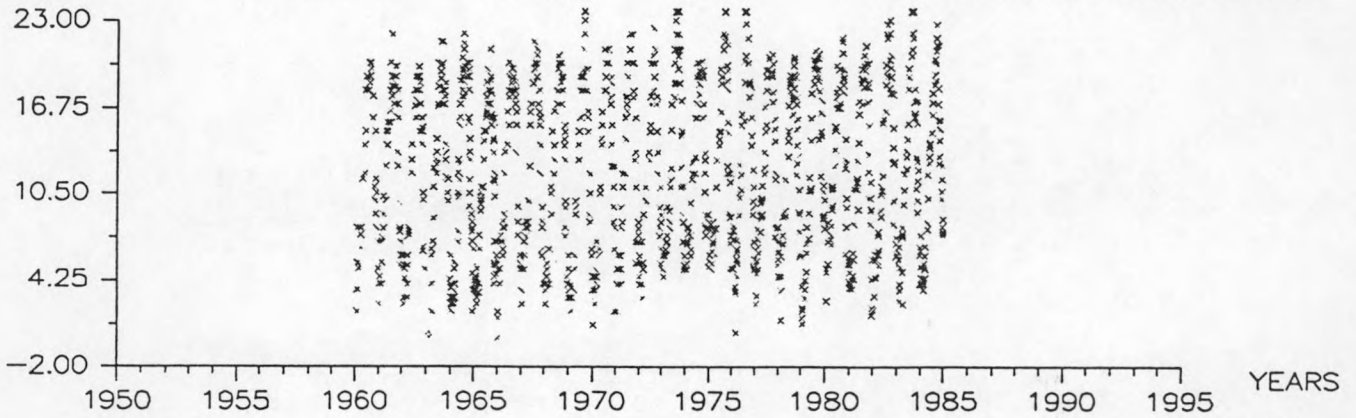
GRD C ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 12



GRD C PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 12

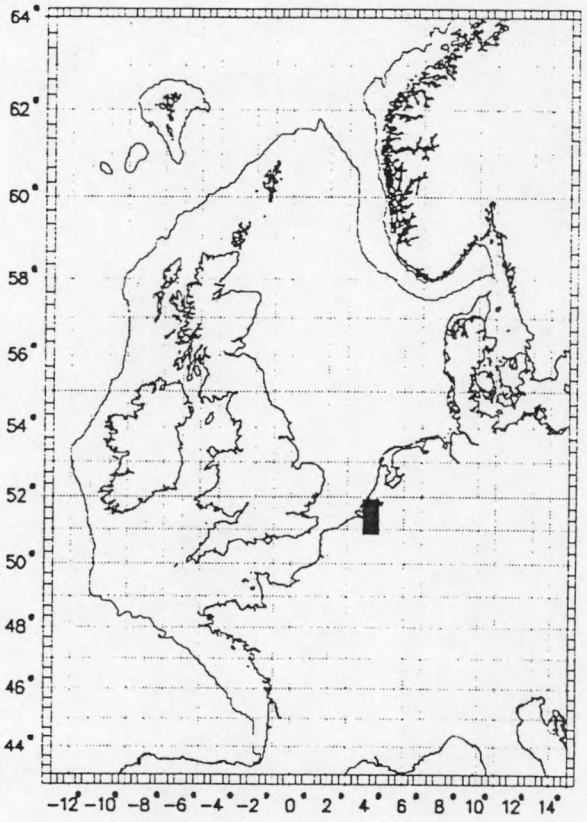


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010001
ENAME : RWS-RIZA Lelystad
UNITS : GRD C
NO. OF DATA : 1286
NO. OF POSITIONS : 2



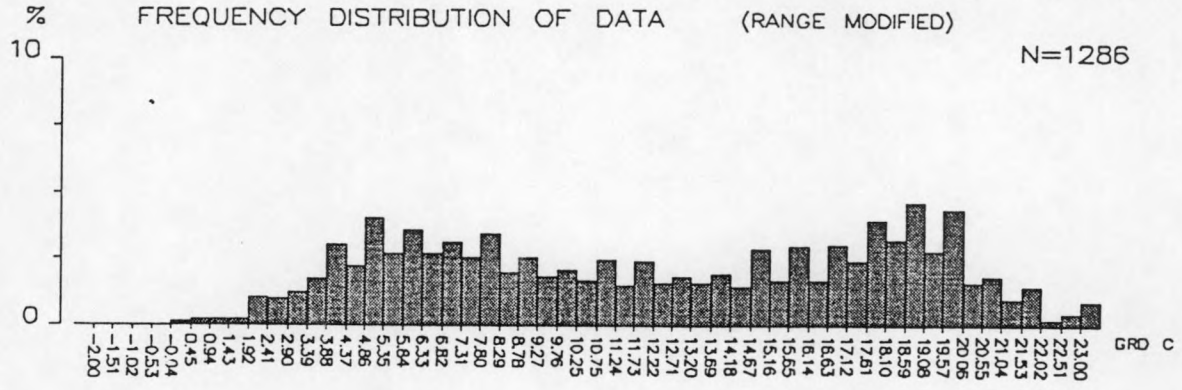
NO. OF DATA/AREA :
(without longterm data series !)

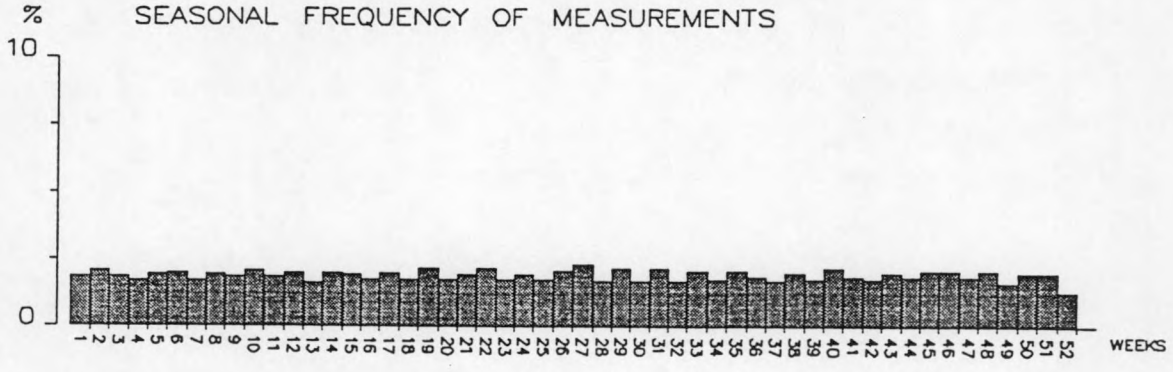
<	759	<	325
<	650	<	216
<	542	<	108
<	433	=	0

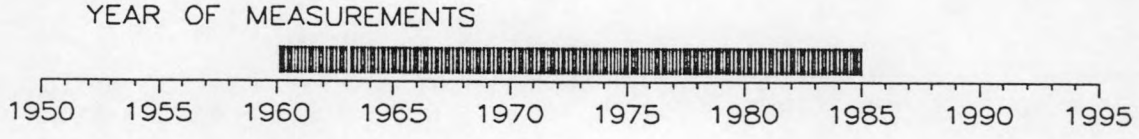
MINIMUM : 0.00
MAXIMUM : 25.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

TEMPERATURE

PCODE : 1001010701

ENAME : RWS–RIZA Lelystad

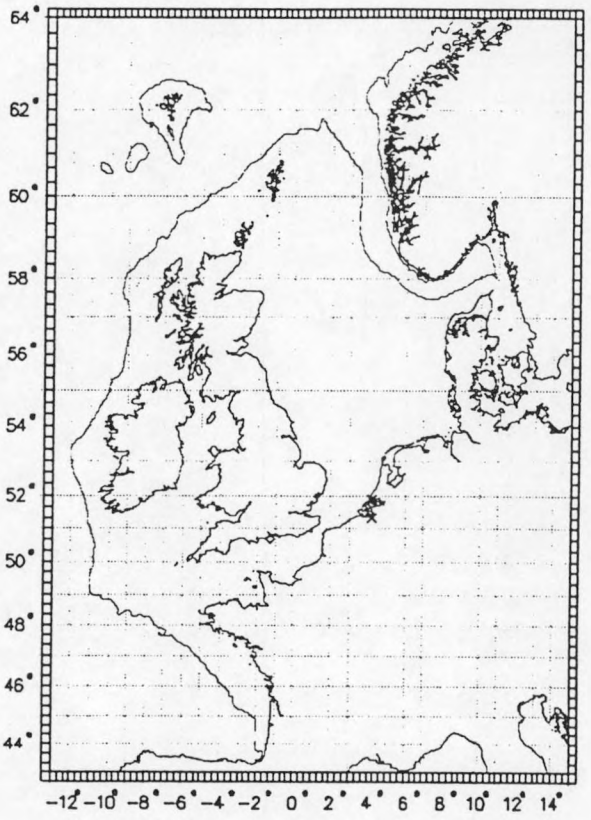
UNITS : GRD C

NO. OF POSITIONS : 2

NO. OF DATA : 469

MINIMUM : 0.00

MAXIMUM : 24.30



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

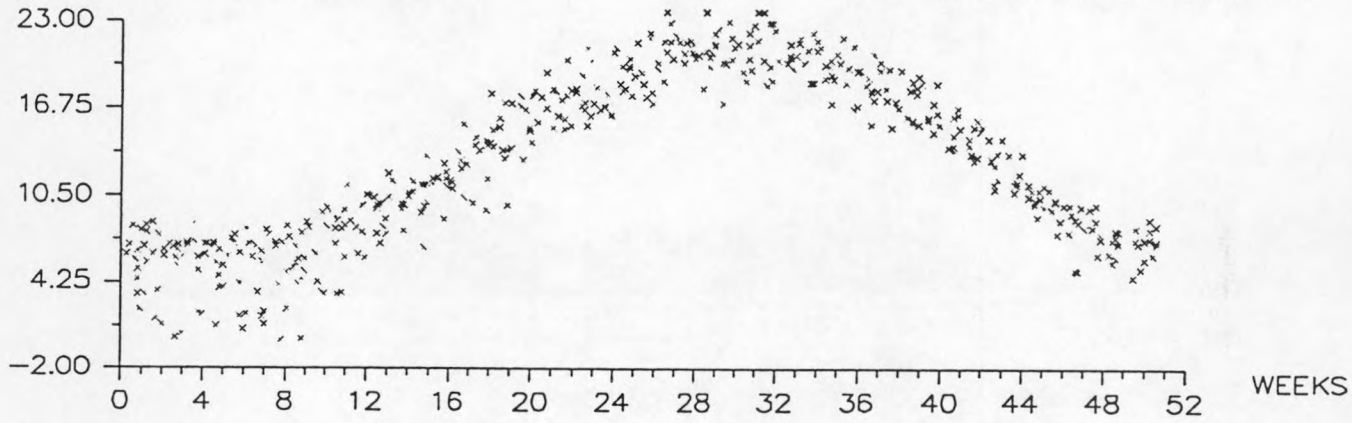
DEPTH–RANGE

UPPER : 0

LOWER : 2000

GRD C ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 4



GRD C PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 4

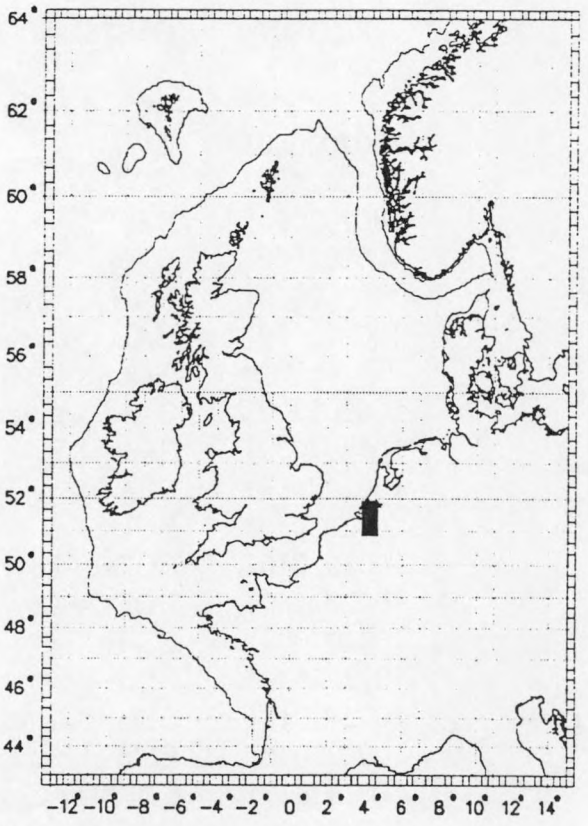


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

TEMPERATURE

PCODE : 1001010701
ENAME : RWS–RIZA Lelystad
UNITS : GRD C
NO. OF DATA : 469
NO. OF POSITIONS : 2



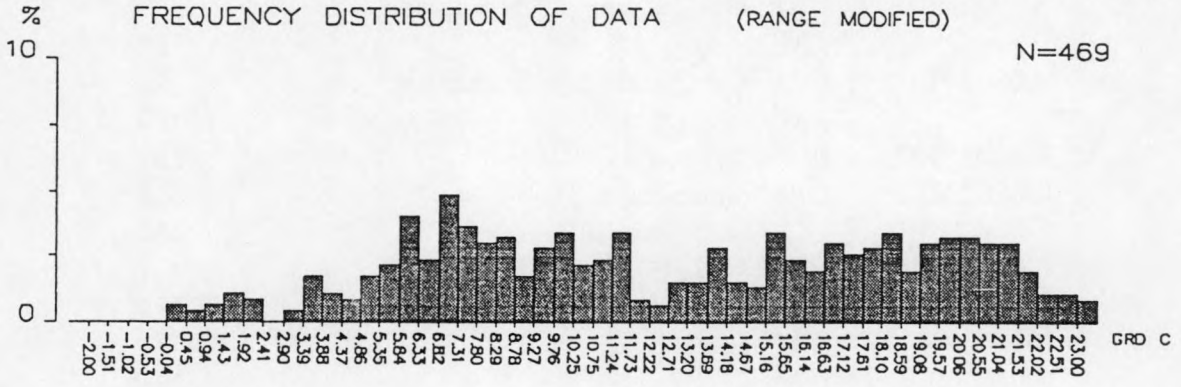
NO. OF DATA/AREA :
(without longterm data series !)

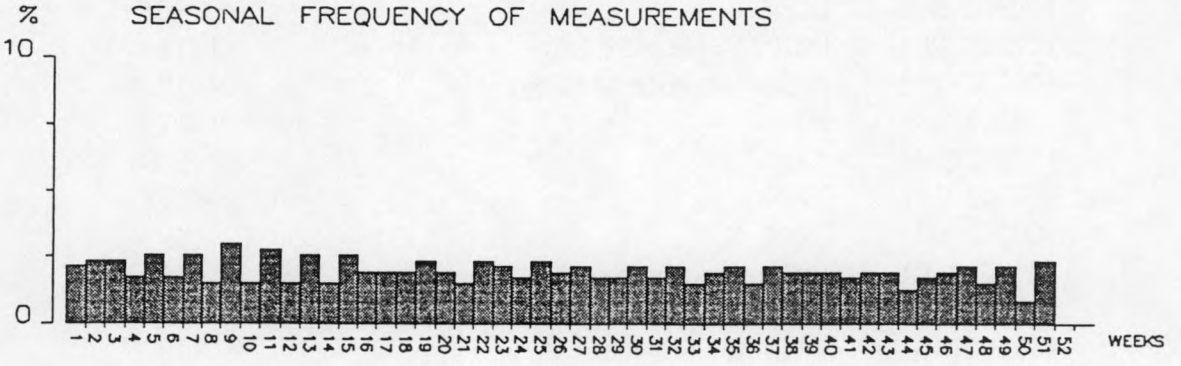
<	235	<	100
<	201	<	67
<	167	<	33
<	134	=	0

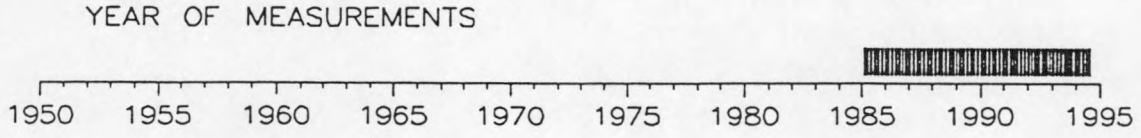
MINIMUM : 0.00
MAXIMUM : 24.30

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







6.2 Salinity

PCODE	Originator	Number of data
1002020001	AWI	973
1002020001	AWI	443
1002020001	BAH	16713
1002020001	BAH	1822
1002020001	BAH / Crews of Ellenbogen and Aade	149
1002020001	BAH / Hagmeier, E., Treutner, K., Gillbricht, M.	183
1002020001	BAH / Mangelsdorf, P., Harms, E.	168
1002020001	BFA_IKB	1045
1002020001	BFA_IS	13677
1002020101	BODC	14050
1002020101	BODC / Lowry, R.	134463
1002022801	BODC / Lowry, R.	2828
1002020001	BSH	21932
1002020301	BSH	316
1002020101	BSH / Koenig, P.	2507
1002020301	BSH / Koenig, P.	436
1002020101	CRESO / Castaing, P.	8204
1002020101	CRESO / Castaing, P., Froidefond, J.M.	2795
1002020101	CRESO / Castaing, P., Jouanneau, J.M.	15389
1002021101	ESU / Wilson, J.	291
1002020301	GPI / Lammers, S.	163
1002020401	GPI / Lammers, S.	287
1002020001	HELCOM	15861
1002020001	ICES	30882
1002020101	IFM / Radach, G.	3874
1002020001	IFM_KI	4496
1002020001	IHF	905
1002023201	IMR / Danielssen, D. S.	15151
1002023201	IMR / Hageboe M., Foyn, L.	41171
1002020001	IOW	18379
1002020301	IOW	219
1002020301	IOW	4213
1002020001	LWK_KI	691
1002022201	MBA / Southward, A.J.	4681
1002020601	MUMM	30393
1002022401	MUMM / Pollentier, A.	3007
1002020501	MUMM_O	619
1002020601	MUMM_O	1477
1002020301	NIOZ / Eisma, D.	1088

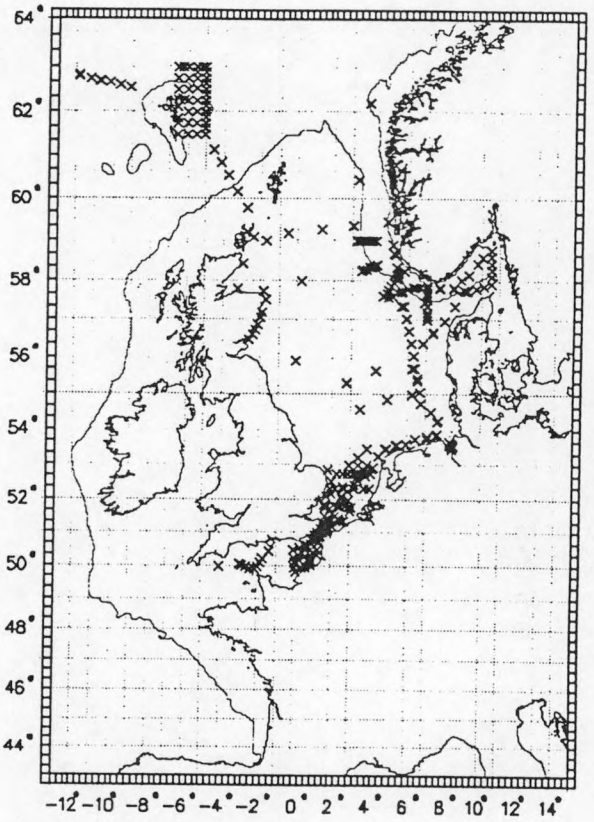
1002020001	NLW_HI	167
1002020001	NOD	21178
1002021701	PEML / Slinn, D.J. Allen, J.R.	813
1002021801	PEML / Slinn, D.J. Allen, J.R.	1546
1002020001	RWS / Laane, R.	12489
1002020801	RWS / Laane, R.	7933
1002020001	RWS-RIZA	154
1002020801	RWS-RIZA	228

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

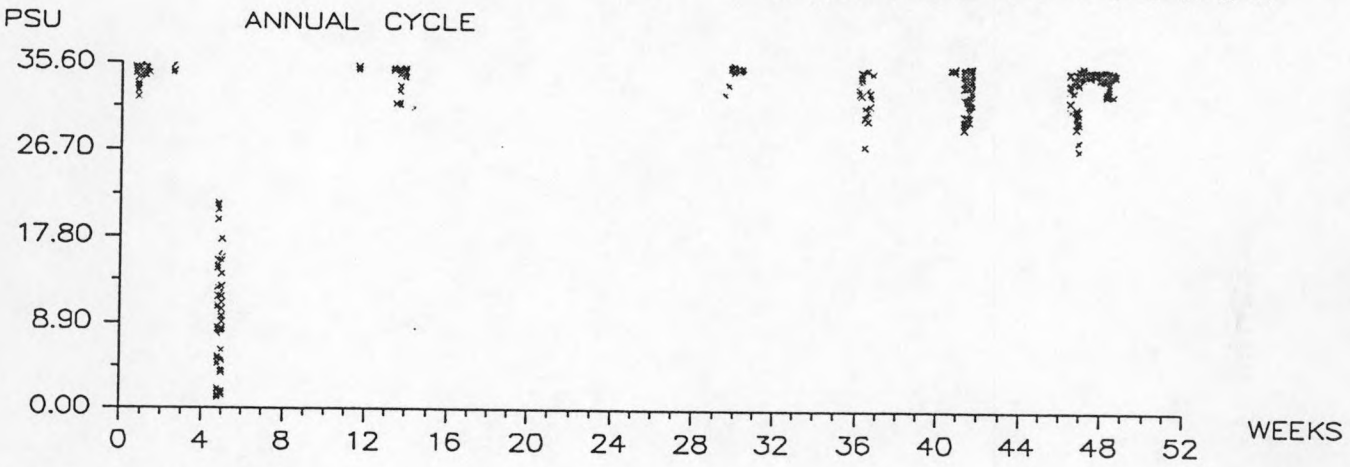
SALINITY

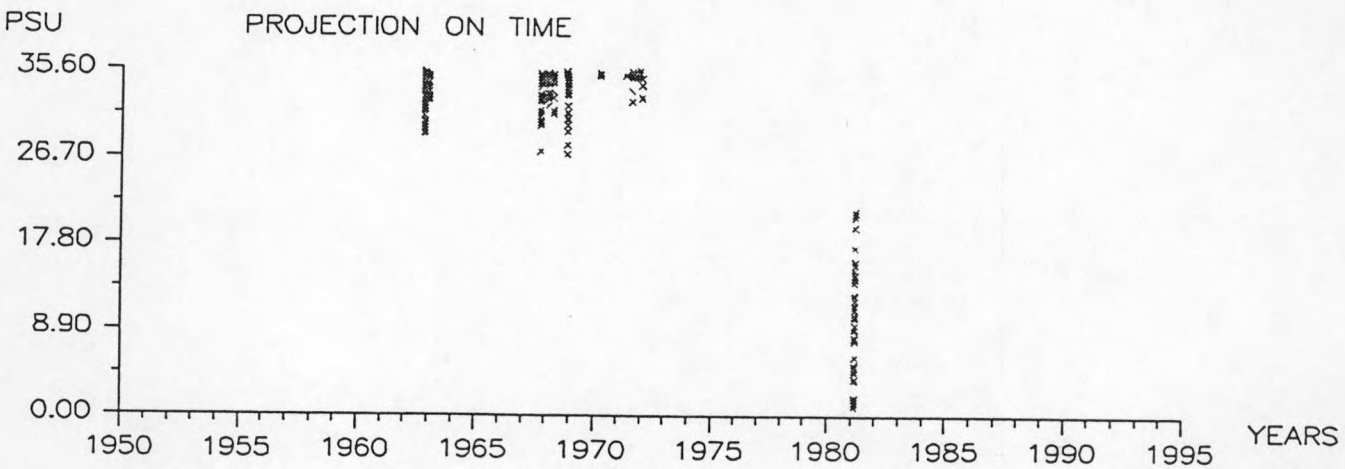
PCODE : 1002020001
ENAME : AWIFM
UNITS : PSU
NO. OF POSITIONS : 306
NO. OF DATA : 973
MINIMUM : 1.00
MAXIMUM : 35.54



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : AWIFM
UNITS : PSU
NO. OF DATA : 973
NO. OF POSITIONS : 306

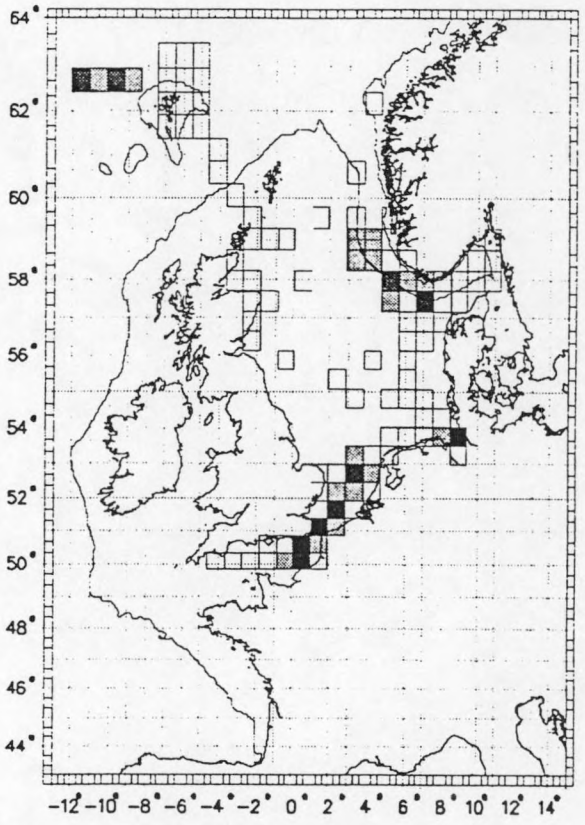
NO. OF DATA/AREA :
(without longterm data series !)

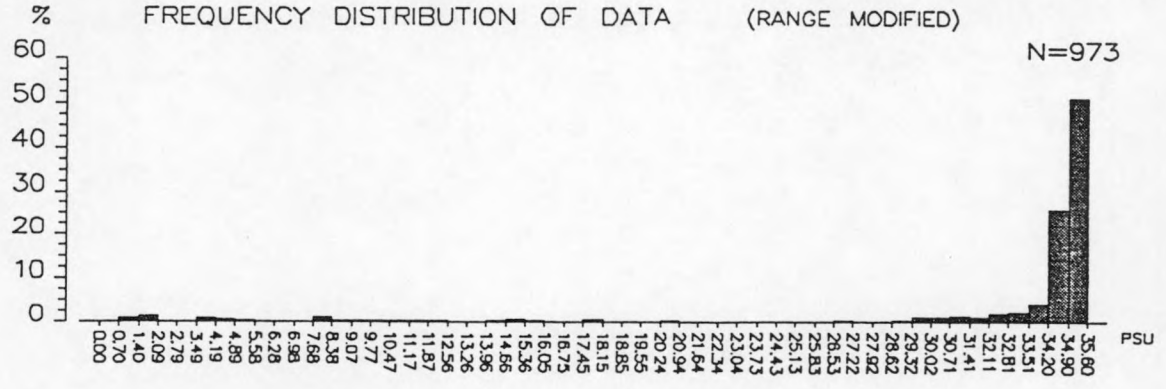
<	87	<	37
<	74	< <	24
<	62	< <	12
<	49	=	0

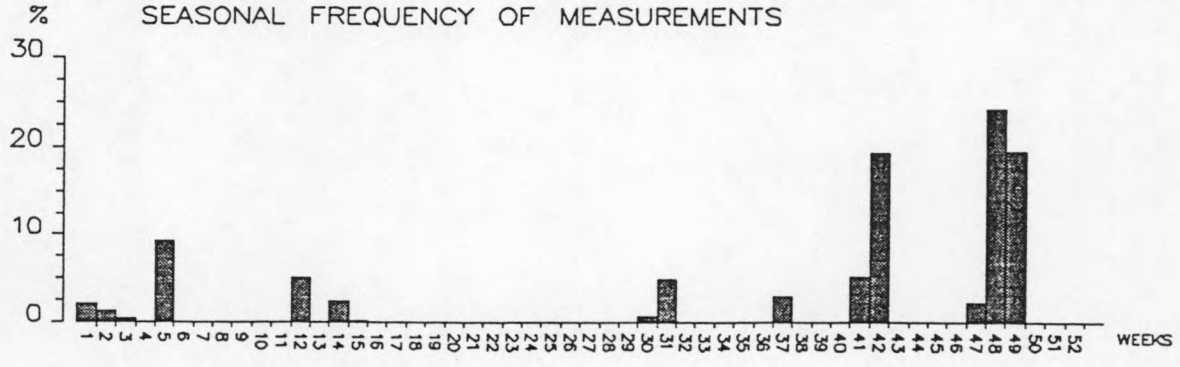
MINIMUM : 1.00
MAXIMUM : 35.54

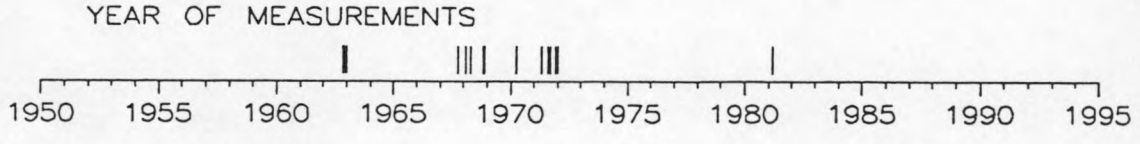
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000









ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : AWIPM

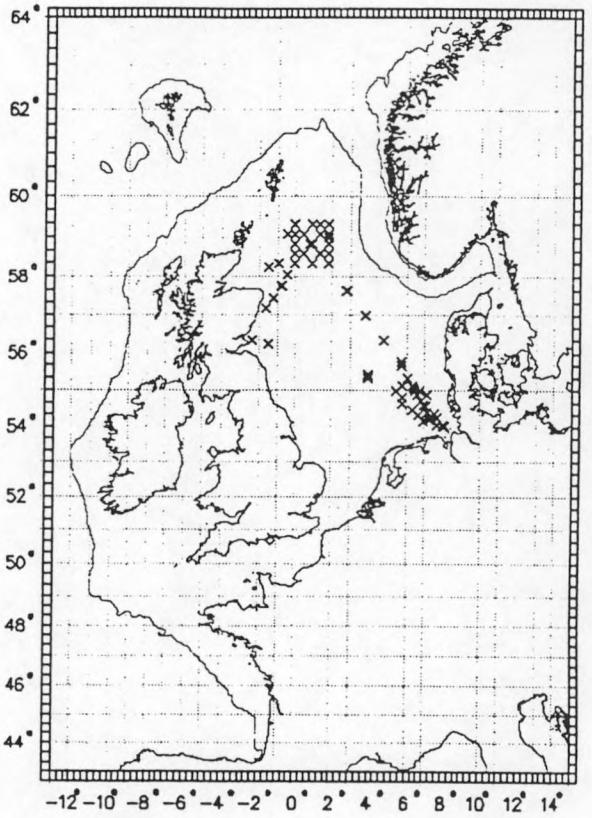
UNITS : PSU

NO. OF POSITIONS : 79

NO. OF DATA : 443

MINIMUM : 27.11

MAXIMUM : 36.10



NO. OF DATA OUT OF RANGE : 3

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

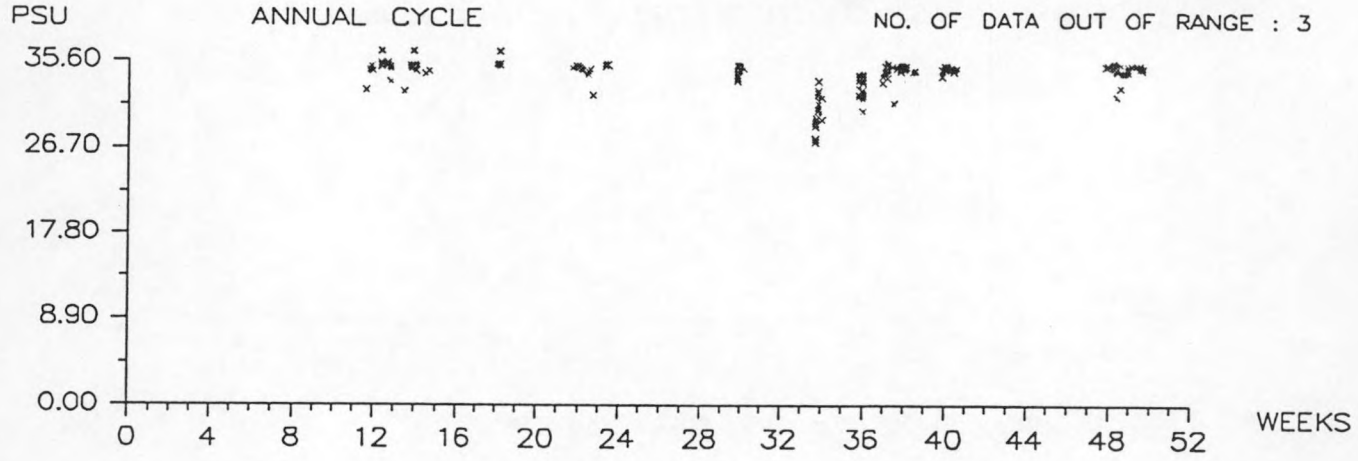
FIRST WEEK : 1

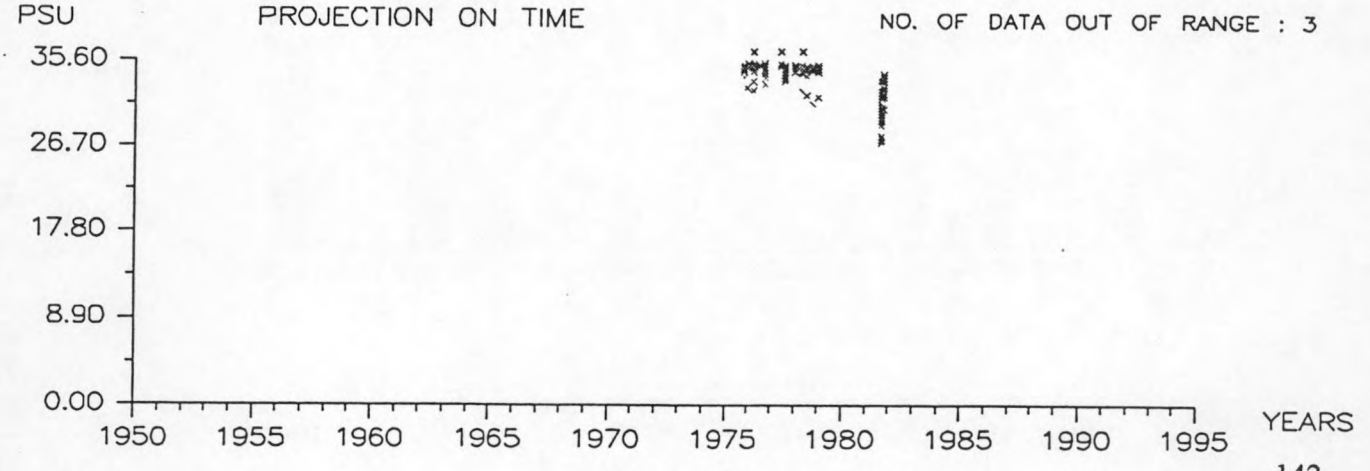
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





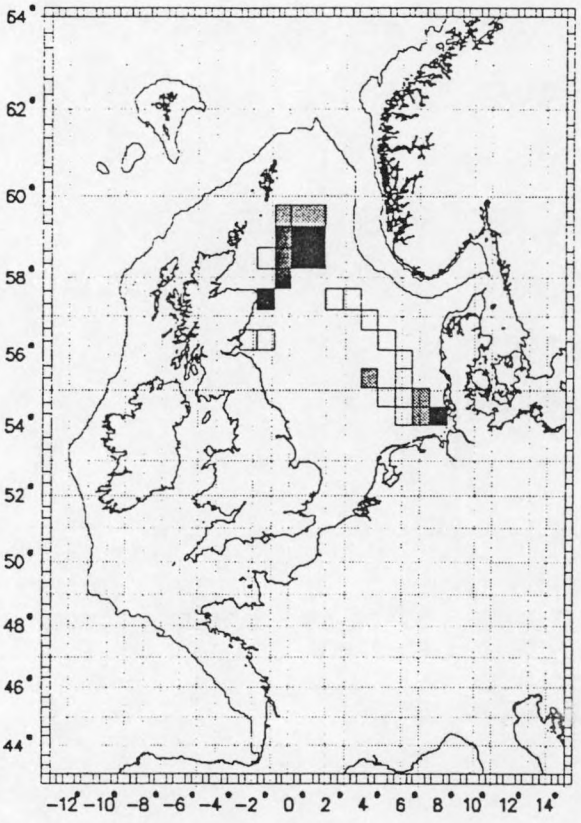
NO. OF DATA OUT OF RANGE : 3

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : AWIPM
UNITS : PSU
NO. OF DATA : 443
NO. OF POSITIONS : 79



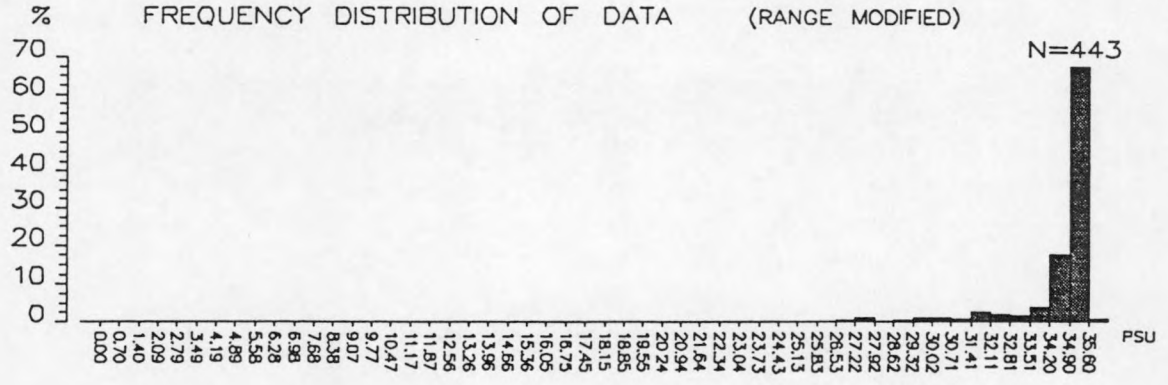
NO. OF DATA/AREA :
(without longterm data series !)

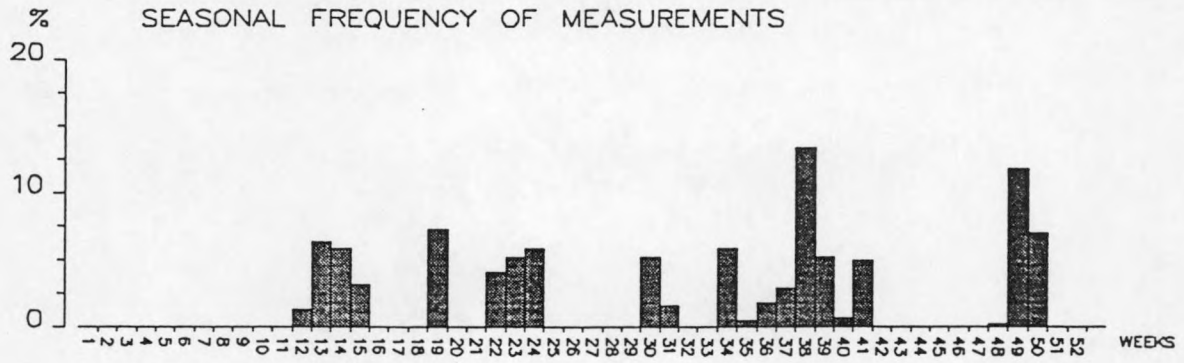
< 57	< 24
< 48	< 16
< 40	< 8
< 32	= 0

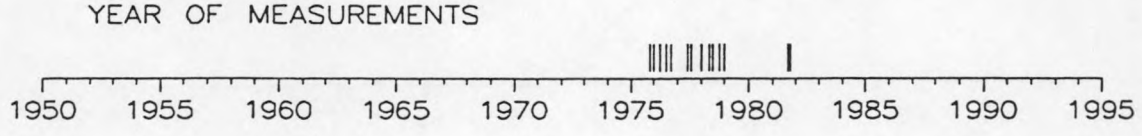
MINIMUM : 27.11
MAXIMUM : 36.10

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : BAH

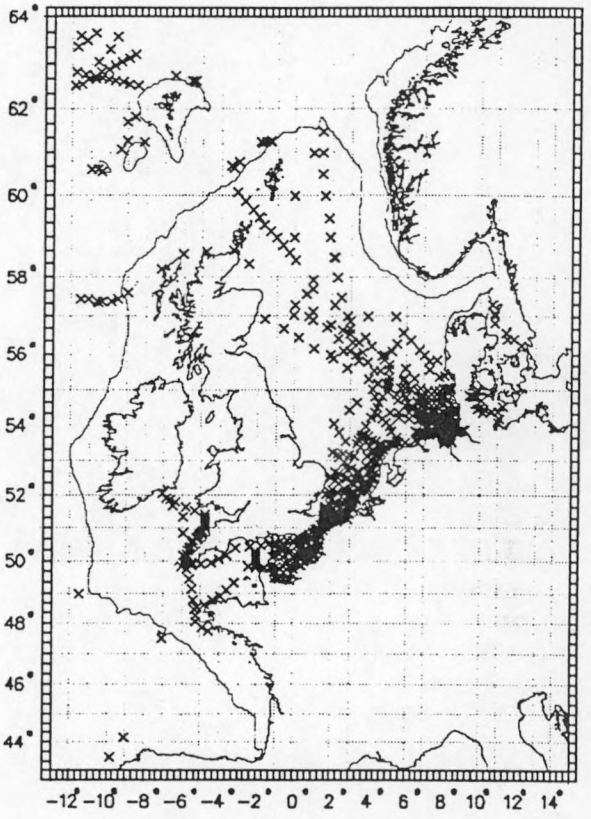
UNITS : PSU

NO. OF POSITIONS : 957

NO. OF DATA : 16713

MINIMUM : 0.48

MAXIMUM : 35.70



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

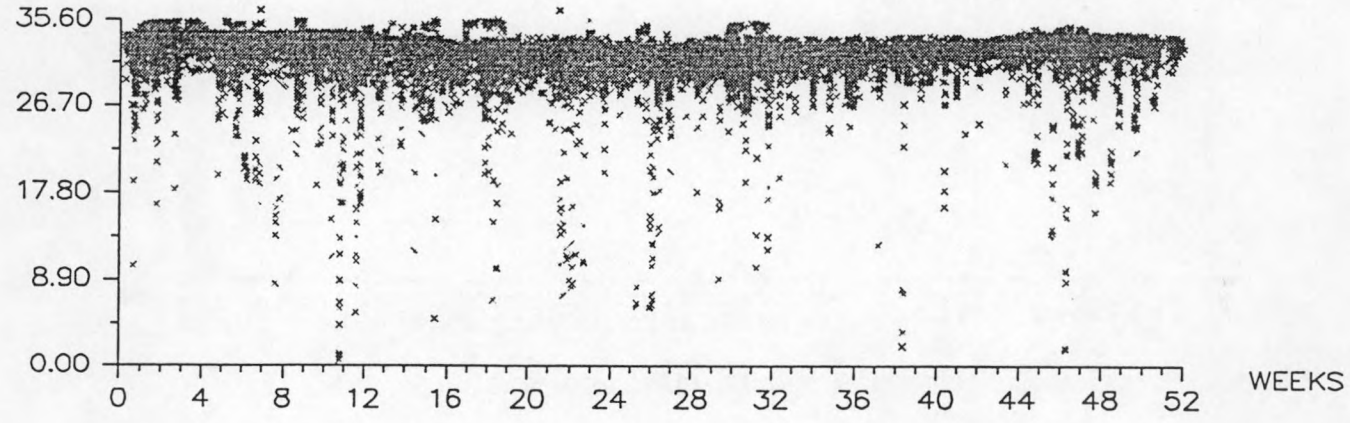
DEPTH–RANGE

UPPER : 0

LOWER : 2000

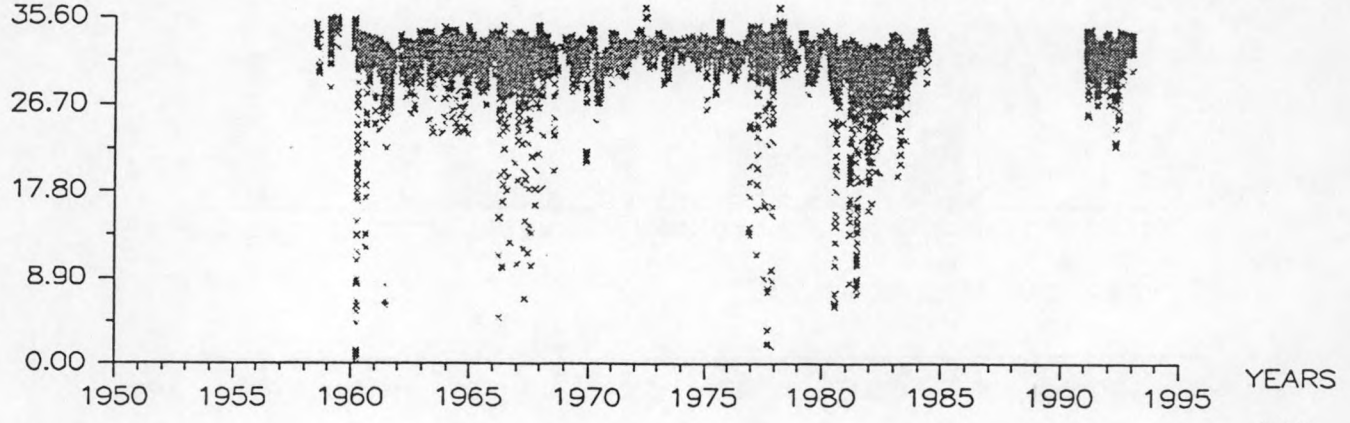
PSU ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 16



PSU PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 16

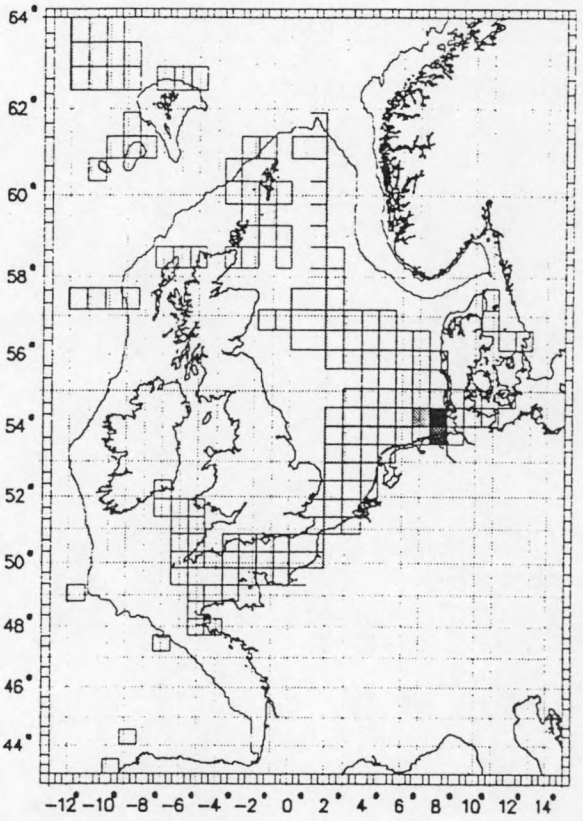


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : BAH
UNITS : PSU
NO. OF DATA : 16713
NO. OF POSITIONS : 957



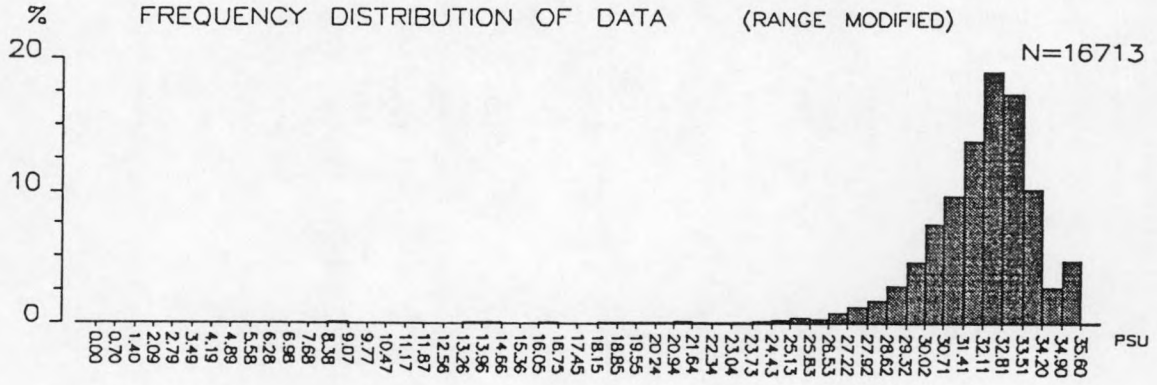
NO. OF DATA/AREA :
(without longterm data series !)

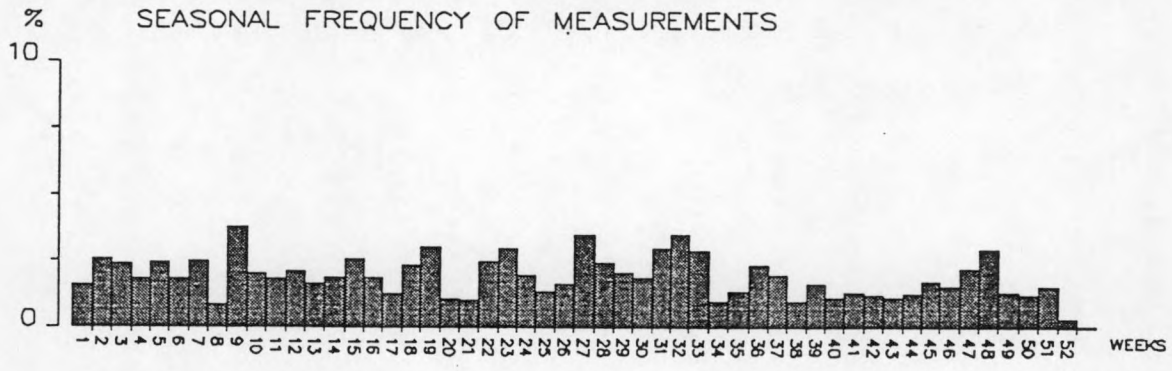
<	6058	<	2596
<	5192	<	1730
<	4327	<	865
<	3461	=	0

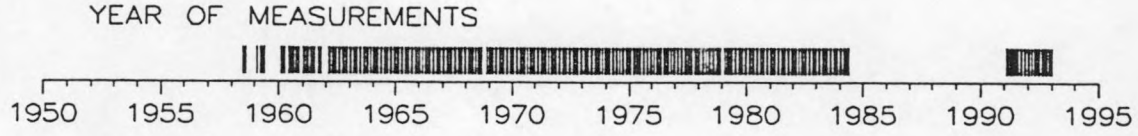
MINIMUM : 0.48
MAXIMUM : 35.70

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : BAHHH

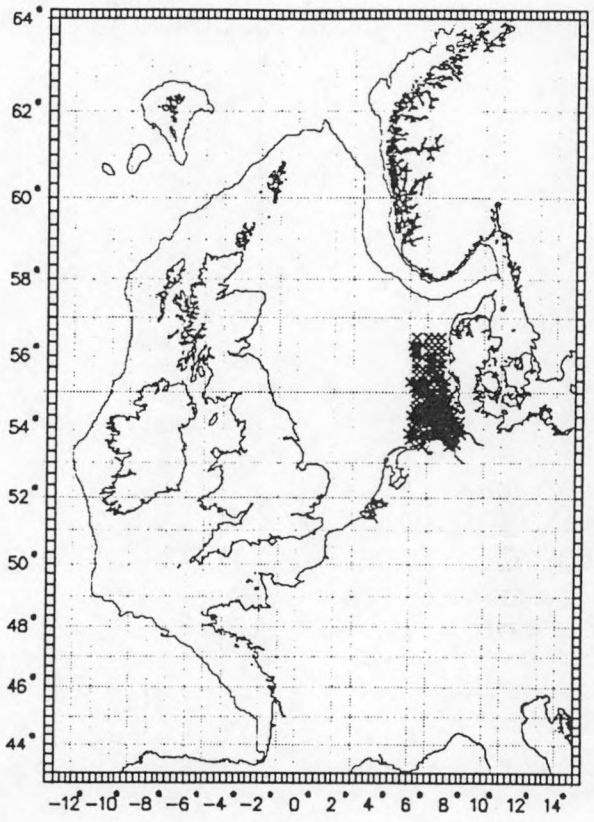
UNITS : PSU

NO. OF POSITIONS : 385

NO. OF DATA : 1822

MINIMUM : 4.60

MAXIMUM : 35.10



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

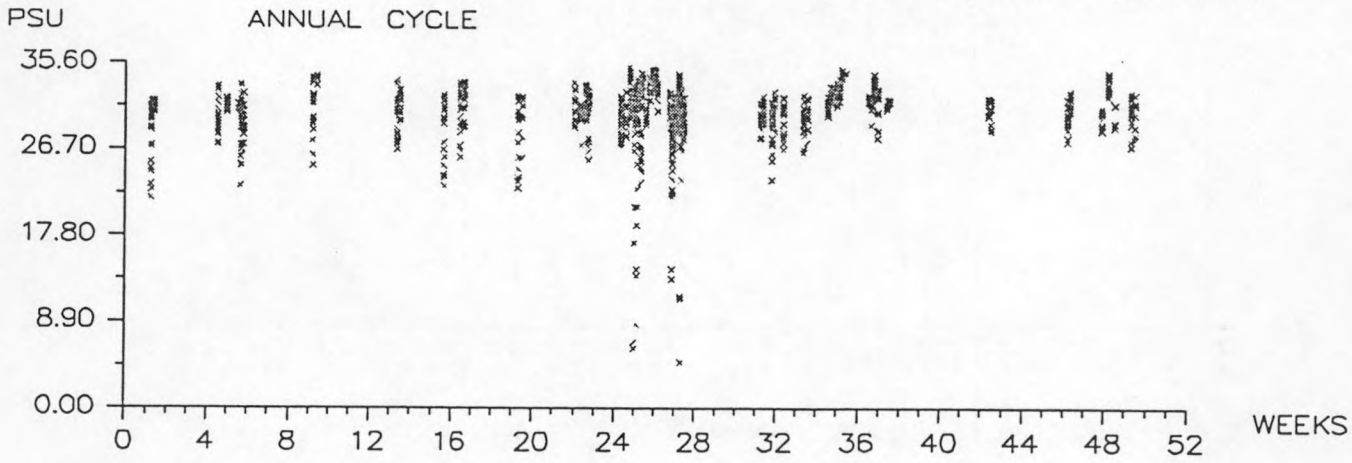
FIRST WEEK : 1

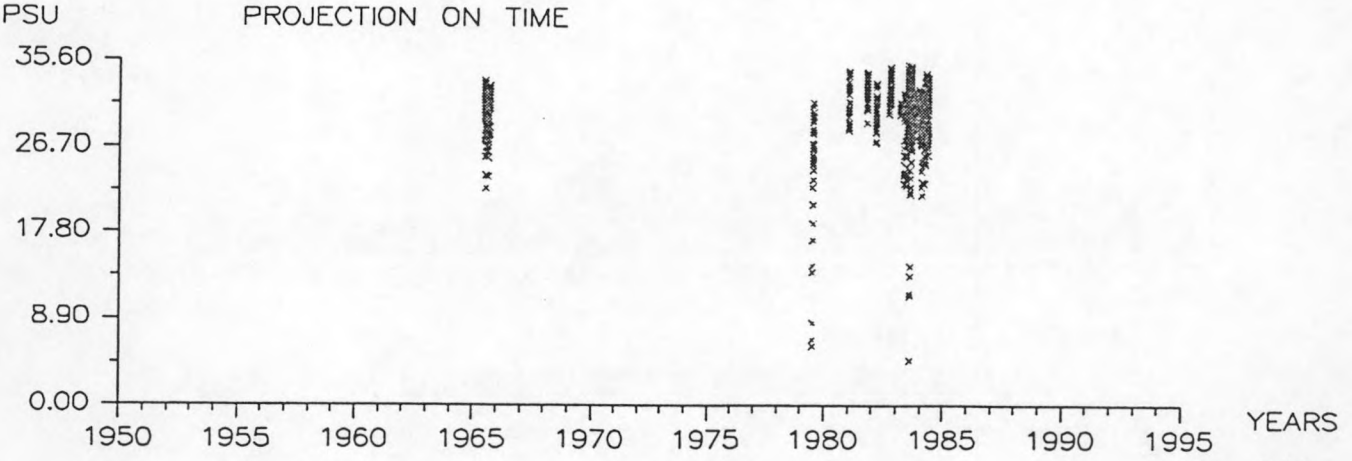
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : BAHHH
UNITS : PSU
NO. OF DATA : 1822
NO. OF POSITIONS : 385

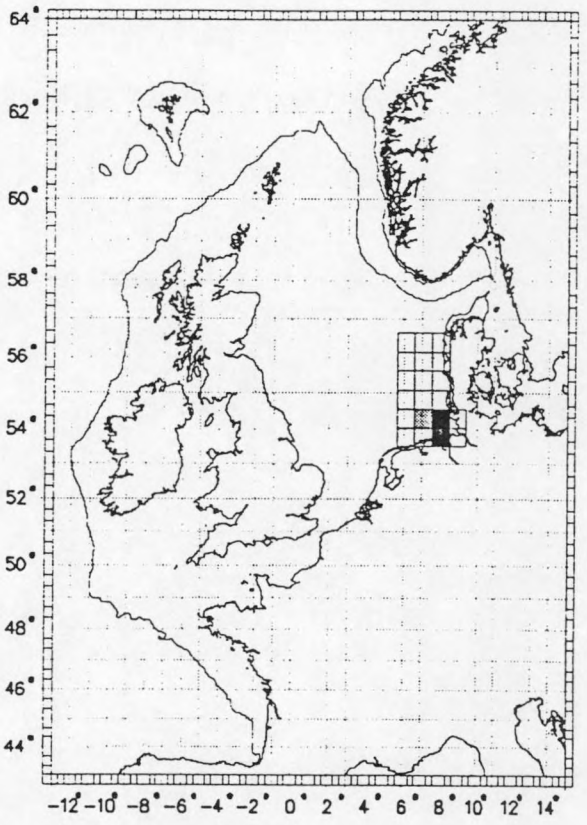
NO. OF DATA/AREA :
(without longterm data series !)

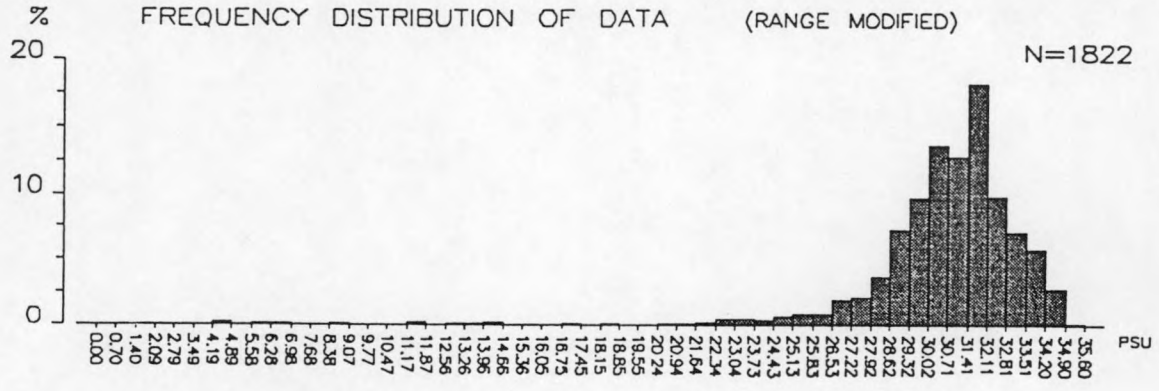
<	795	<	340
<	681	<	227
<	567	<	113
<	454	=	0

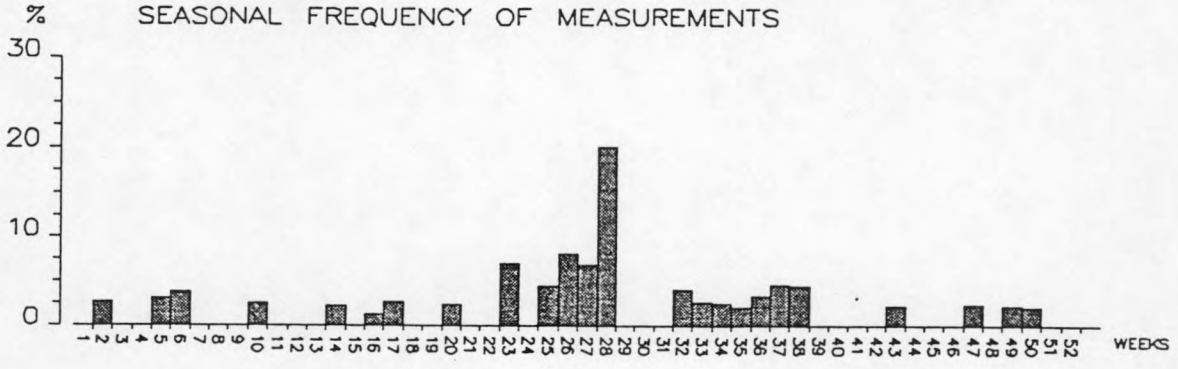
MINIMUM : 4.60
MAXIMUM : 35.10

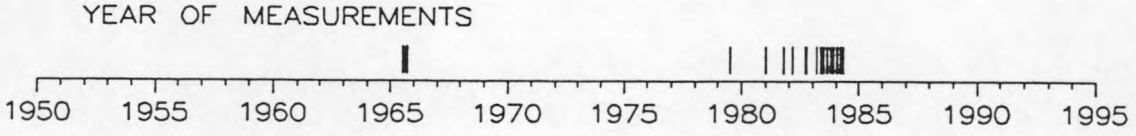
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000









ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : BAH/Crews of Ellenboge.

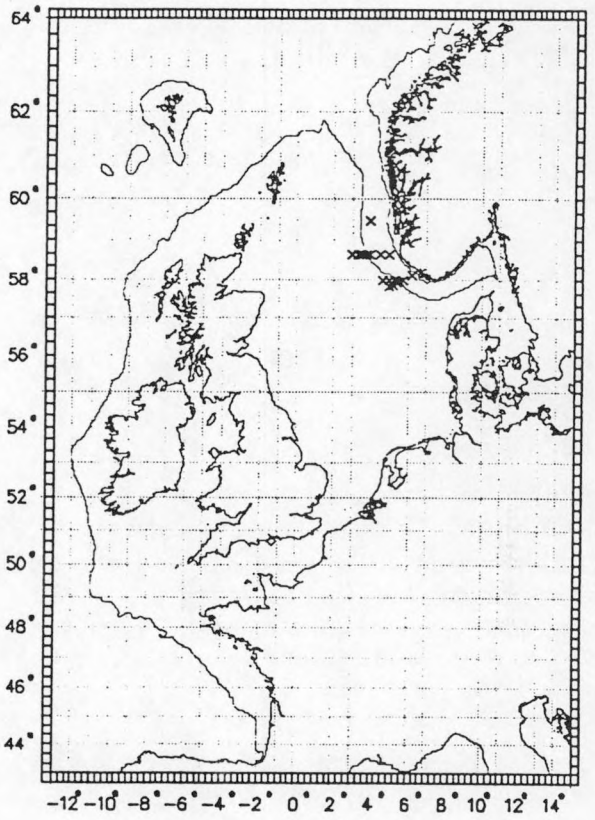
UNITS : PSU

NO. OF POSITIONS : 17

NO. OF DATA : 149

MINIMUM : 32.67

MAXIMUM : 35.22



MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

FIRST WEEK : 1

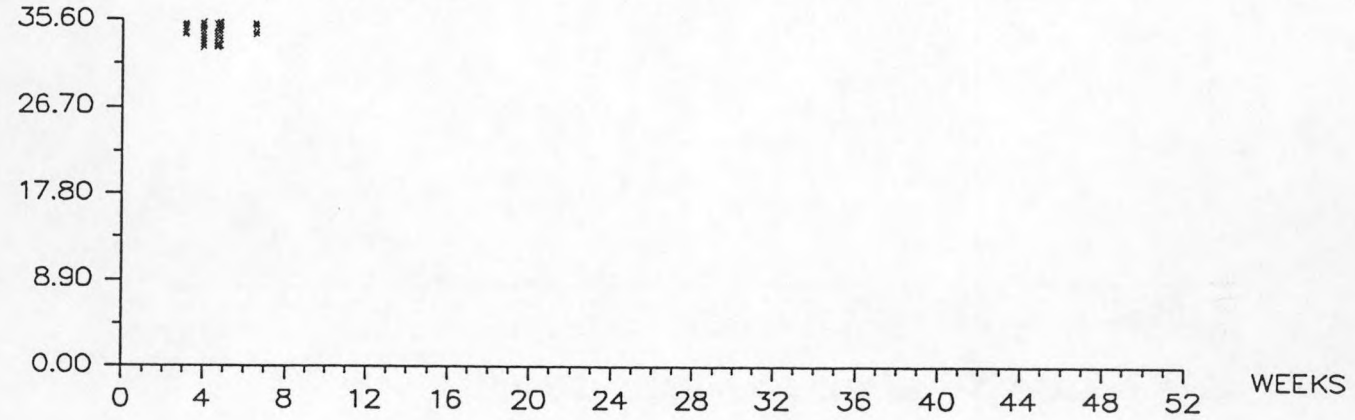
LAST WEEK : 53

DEPTH—RANGE

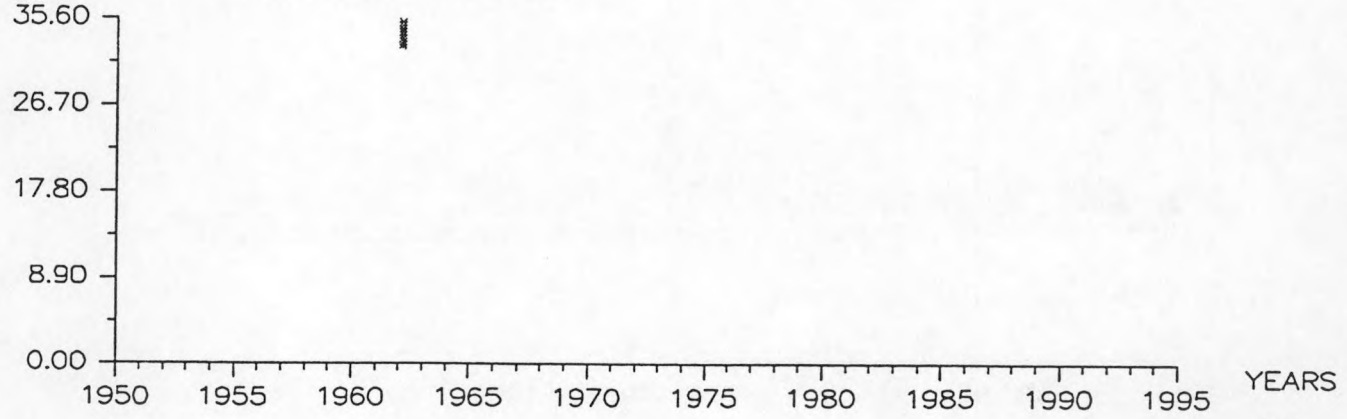
UPPER : 0

LOWER : 2000

PSU ANNUAL CYCLE



PSU PROJECTION ON TIME

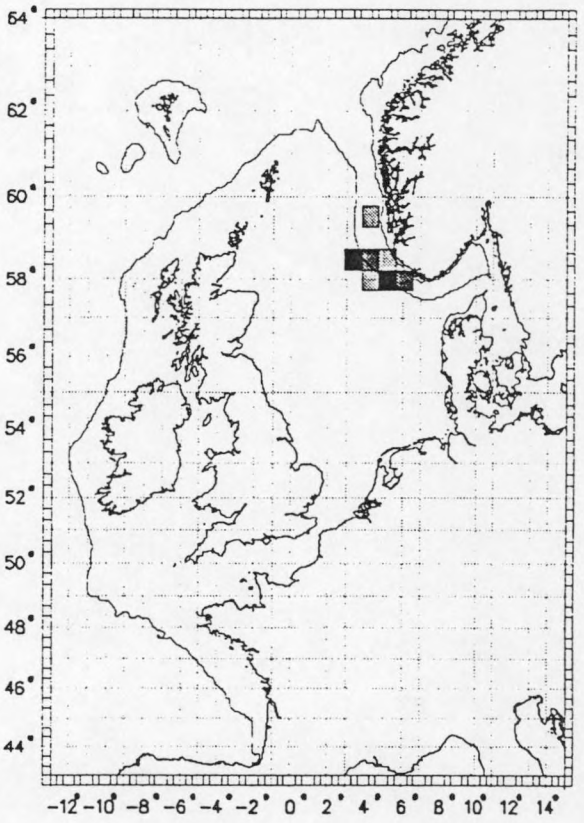


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : BAH/Crews of Ellenboge.
UNITS : PSU
NO. OF DATA : 149
NO. OF POSITIONS : 17



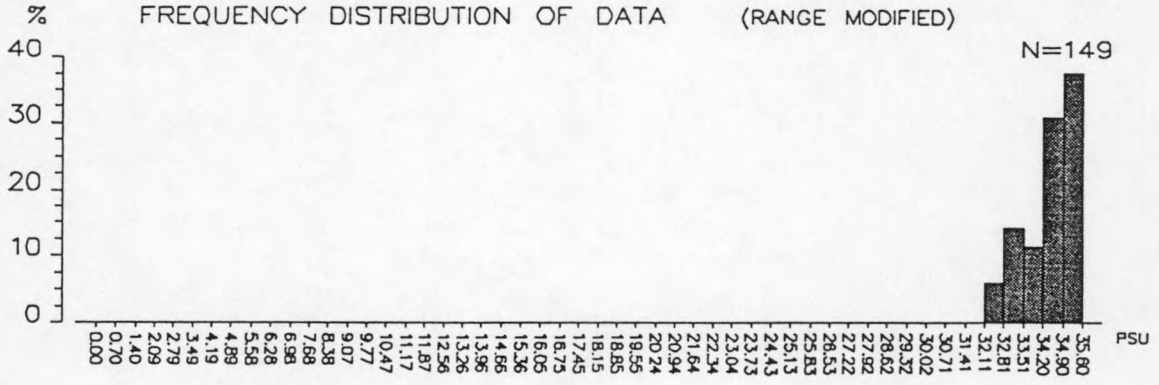
NO. OF DATA/AREA :
(without longterm data series !)

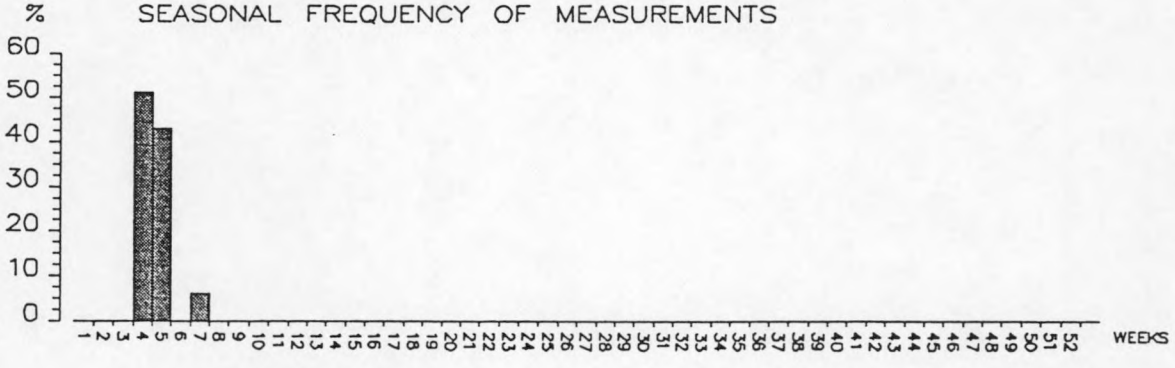
<	48	<	20
<	41	<	13
<	34	<	6
<	27	=	0

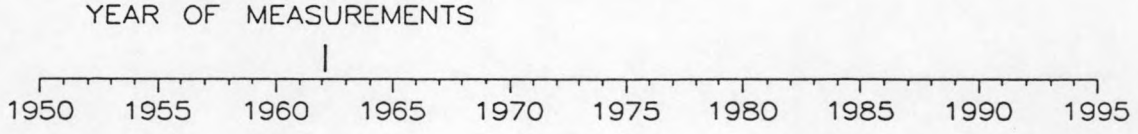
MINIMUM : 32.67
MAXIMUM : 35.22

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : BAH/Hagmeier, Treutner.

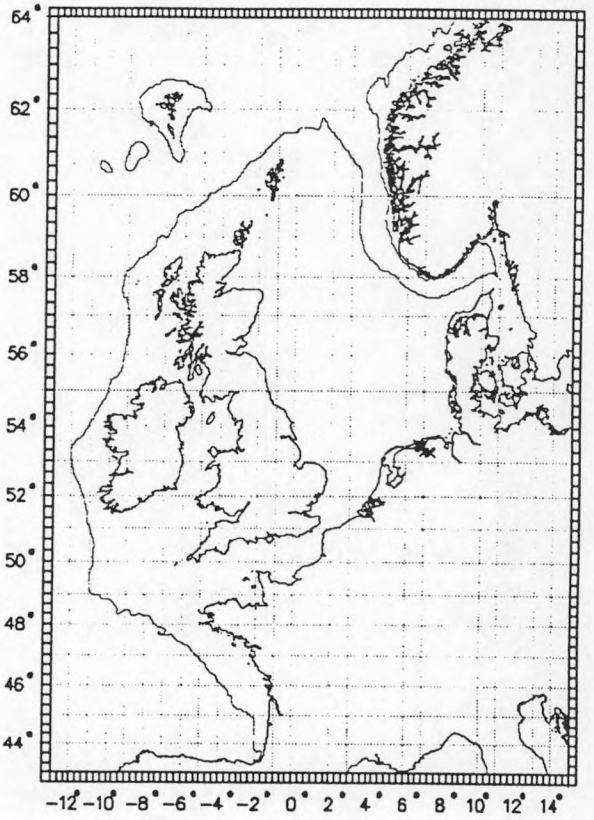
UNITS : PSU

NO. OF POSITIONS : 14

NO. OF DATA : 183

MINIMUM : 0.20

MAXIMUM : 34.59



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

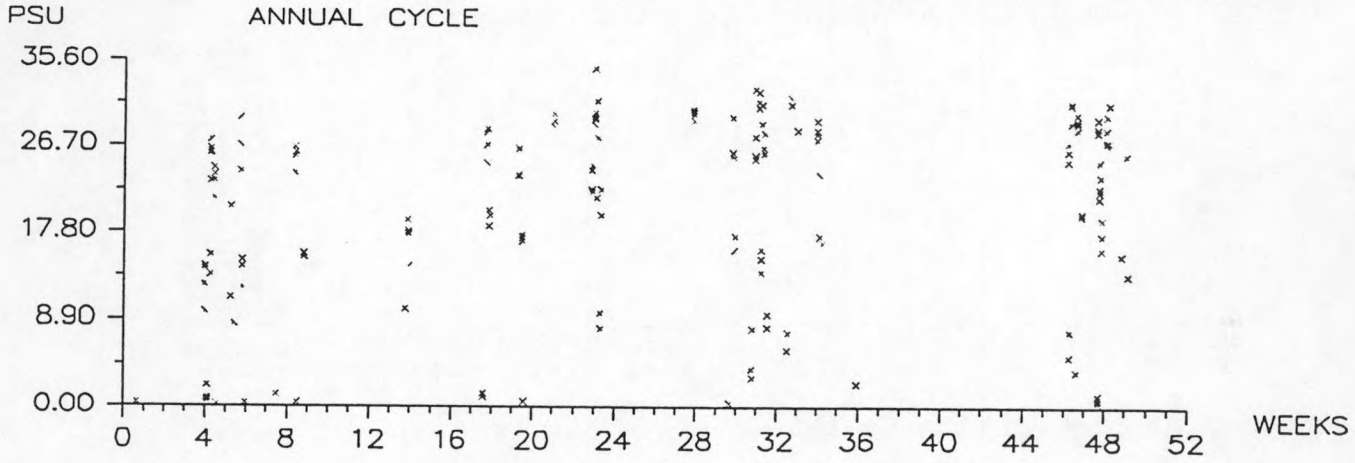
FIRST WEEK : 1

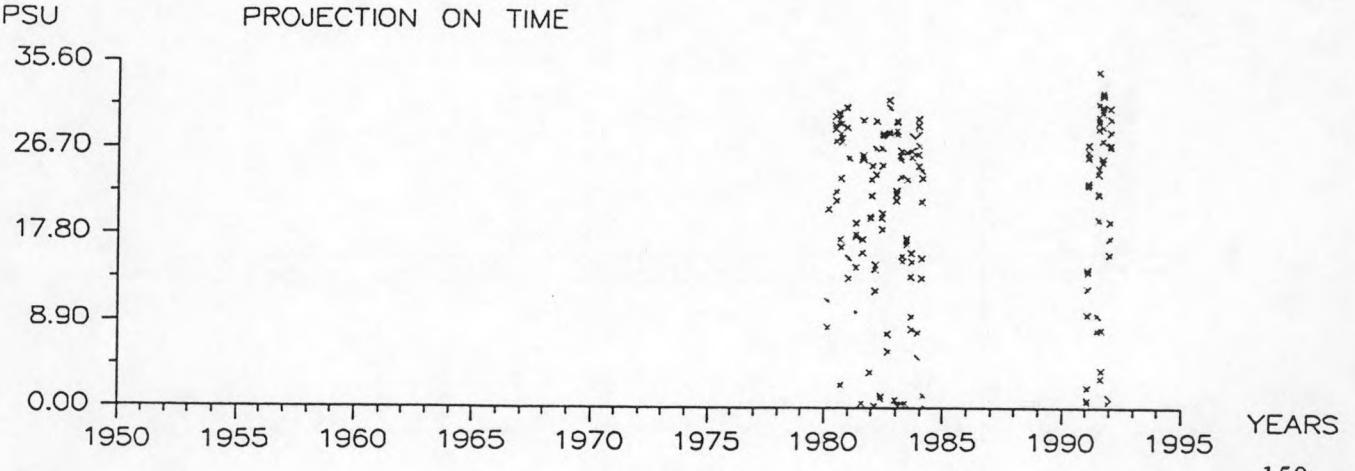
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



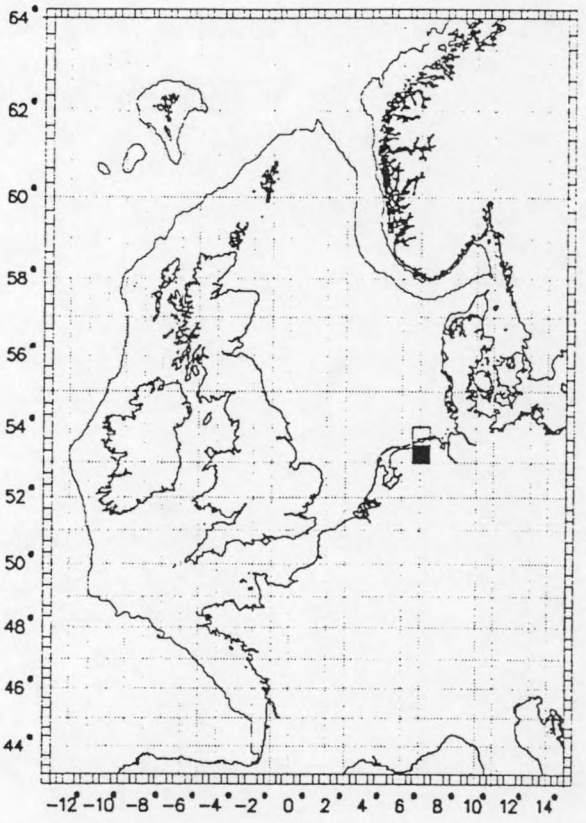


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : BAH/Hagmeier, Treutner.
UNITS : PSU
NO. OF DATA : 183
NO. OF POSITIONS : 14



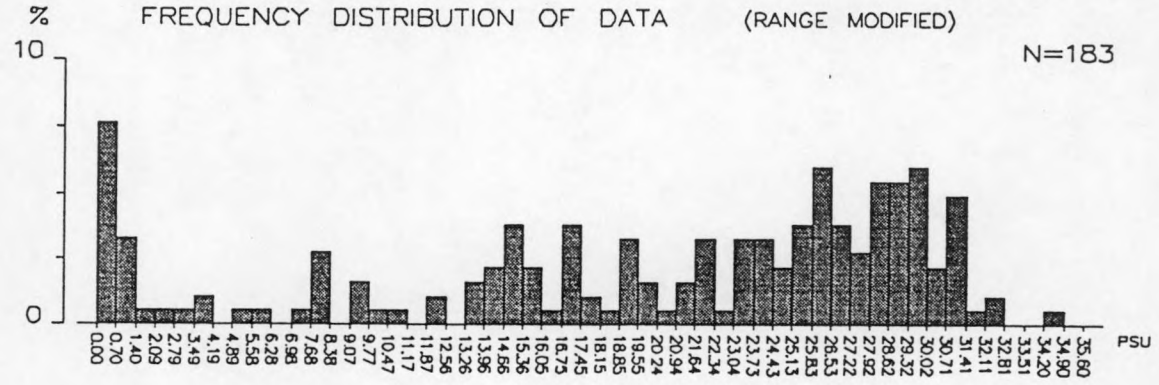
NO. OF DATA/AREA :
(without longterm data series !)

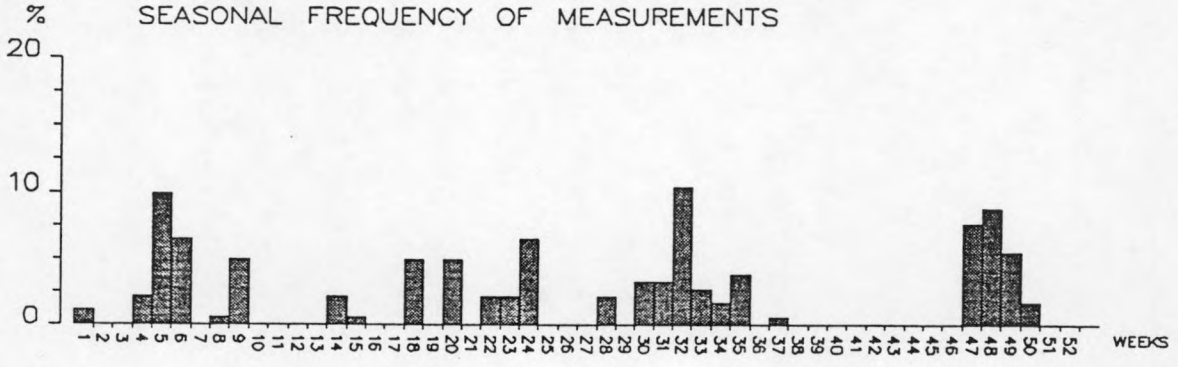
<	162	<	69
<	138	<	46
<	115	<	23
<	92	=	0

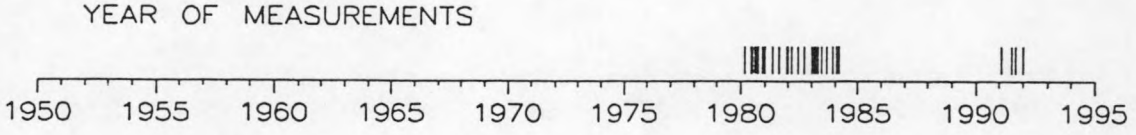
MINIMUM : 0.20
MAXIMUM : 34.59

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : BAH/Mangelsdorf, Harms

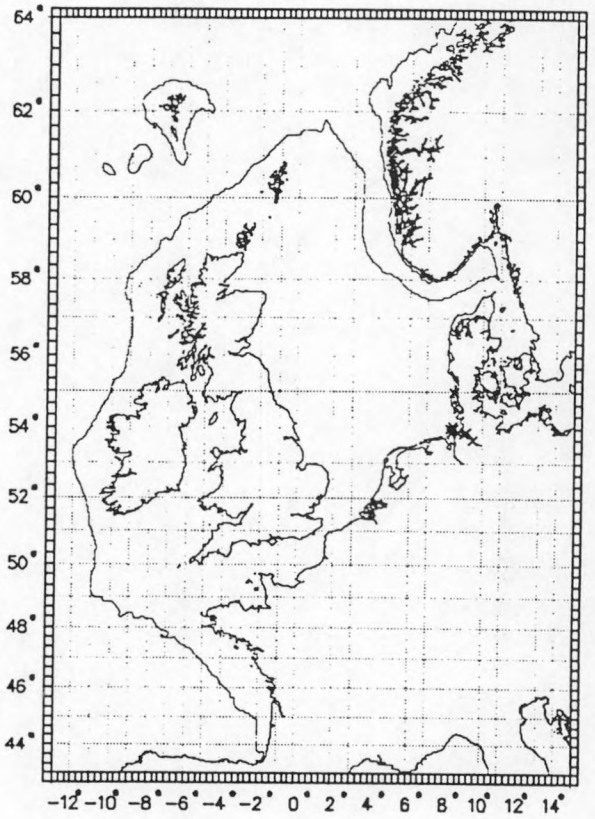
UNITS : PSU

NO. OF POSITIONS : 12

NO. OF DATA : 168

MINIMUM : 0.10

MAXIMUM : 30.70



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

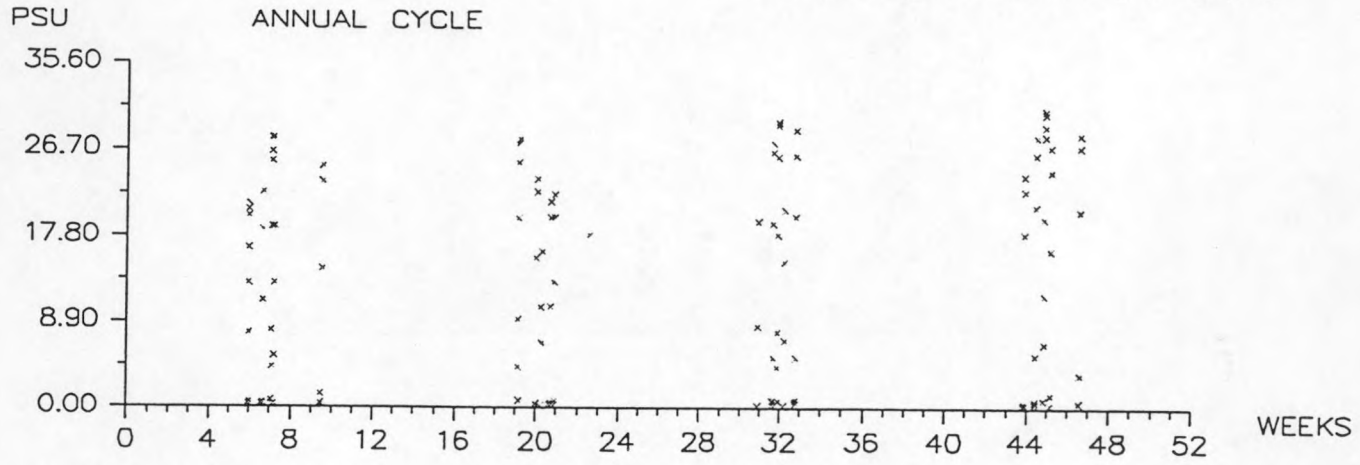
FIRST WEEK : 1

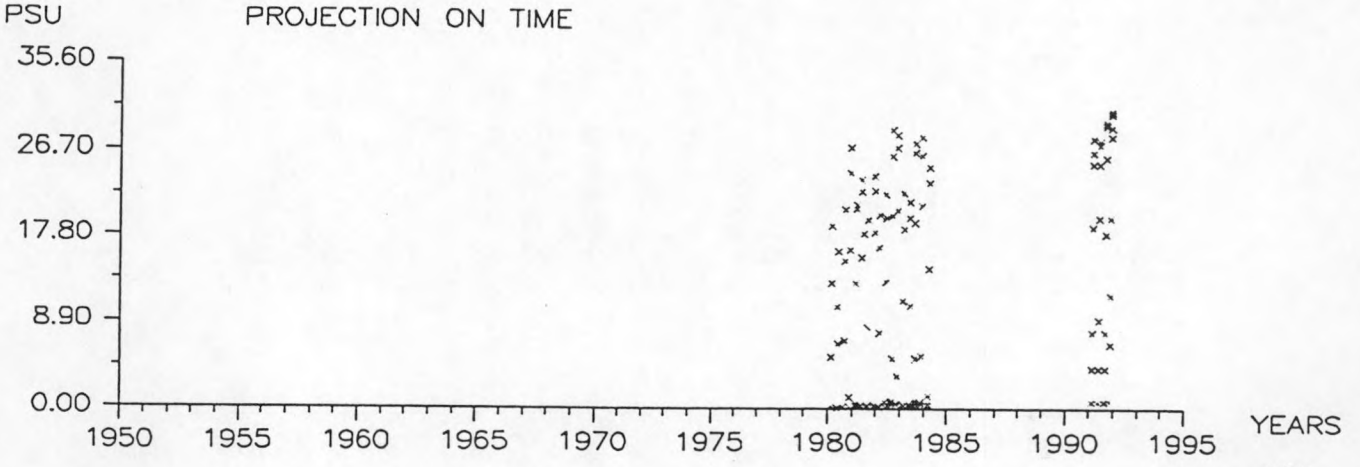
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



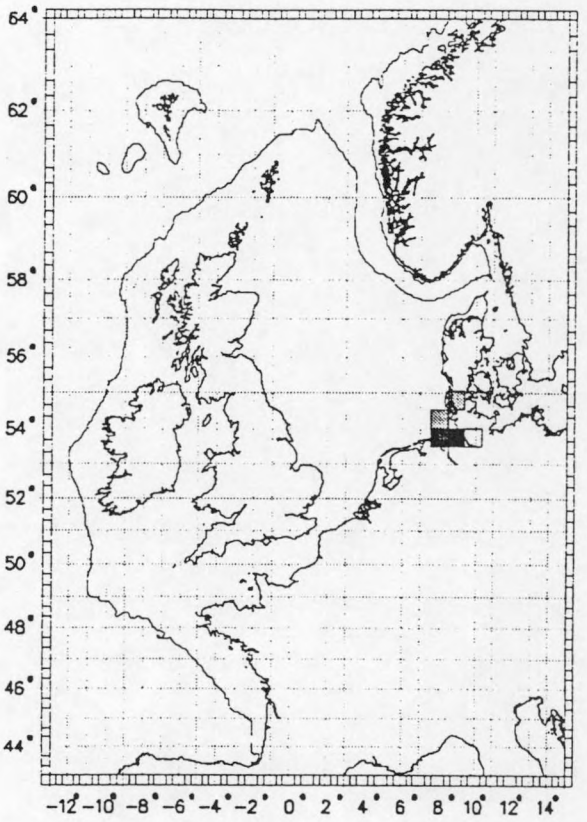


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : BAH/Mangelsdorf, Harms
UNITS : PSU
NO. OF DATA : 168
NO. OF POSITIONS : 12



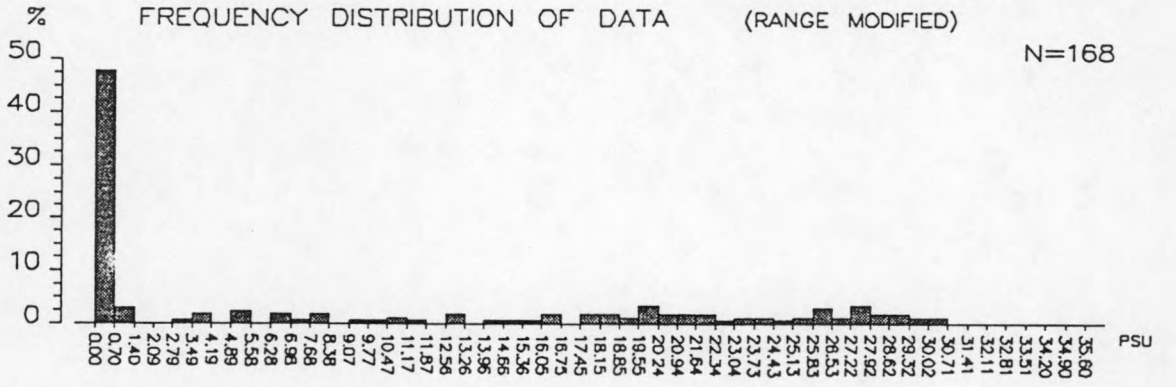
NO. OF DATA/AREA :
(without longterm data series !)

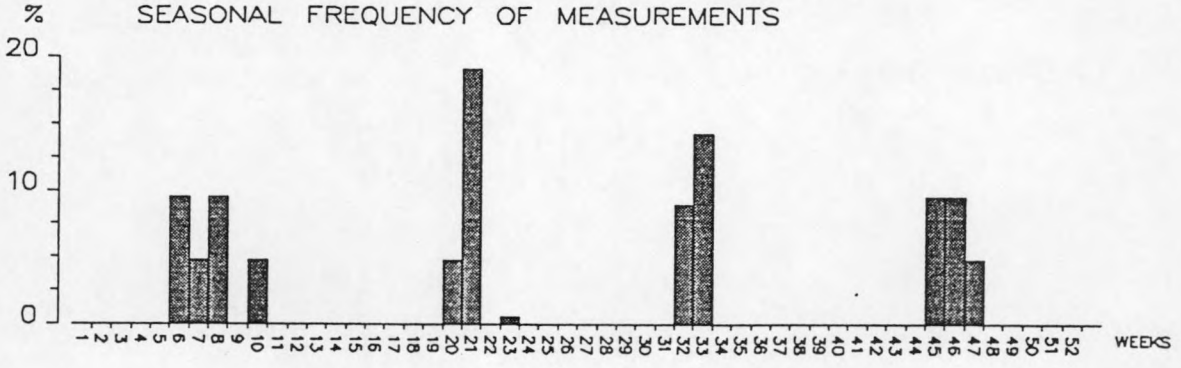
< 84	< 36
< 72	< 24
< 60	< 12
< 48	= 0

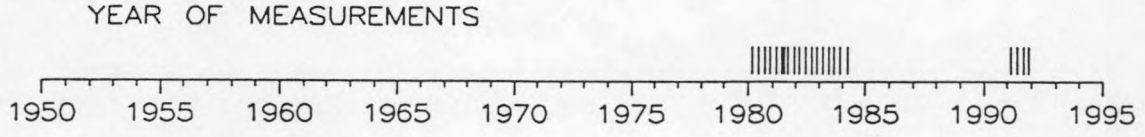
MINIMUM : 0.10
MAXIMUM : 30.70

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





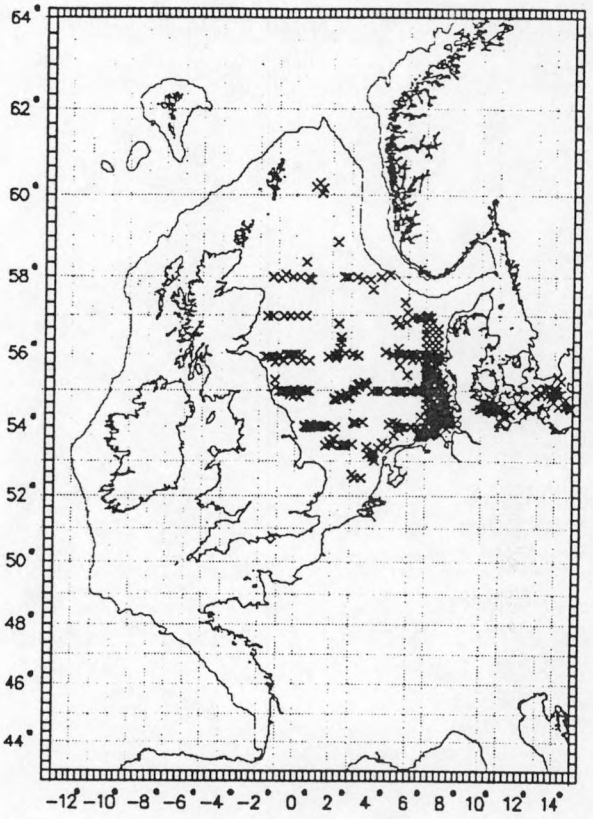


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001
ENAME : BFAIKB
UNITS : PSU
NO. OF POSITIONS : 506
NO. OF DATA : 1045
MINIMUM : 7.70
MAXIMUM : 35.72

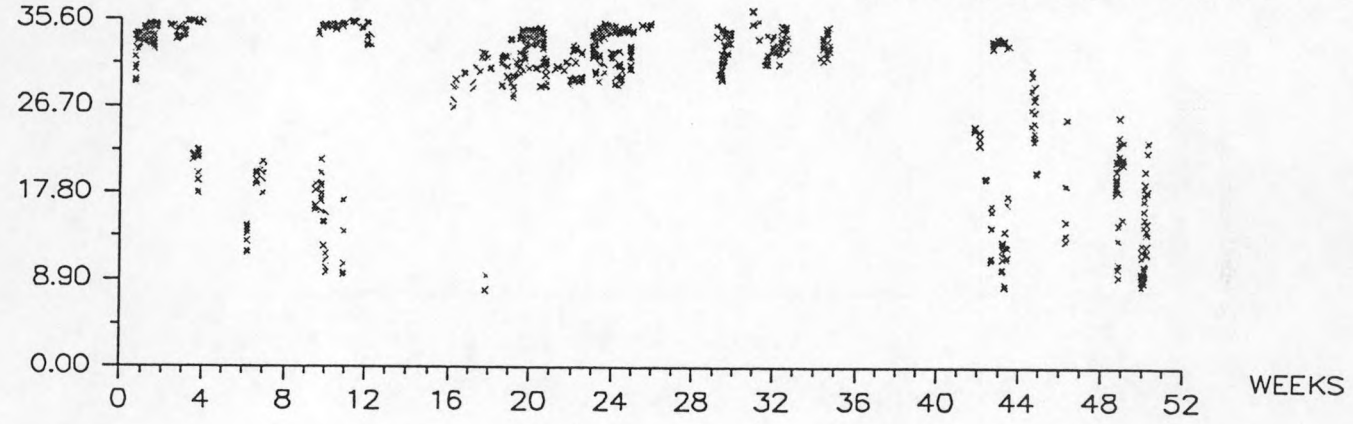


NO. OF DATA OUT OF RANGE : 1

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

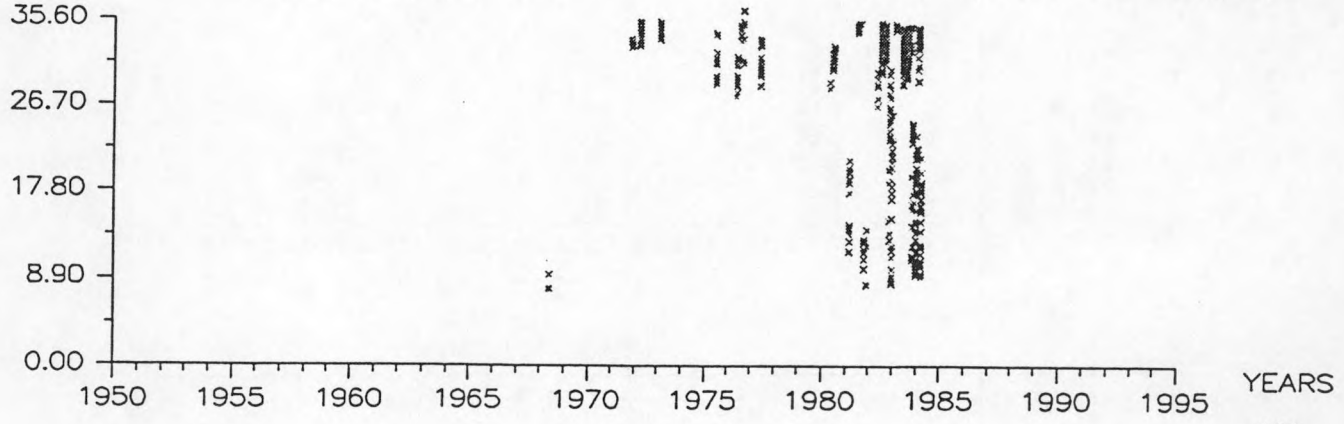
DEPTH–RANGE
UPPER : 0
LOWER : 2000

PSU ANNUAL CYCLE



PSU PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 1



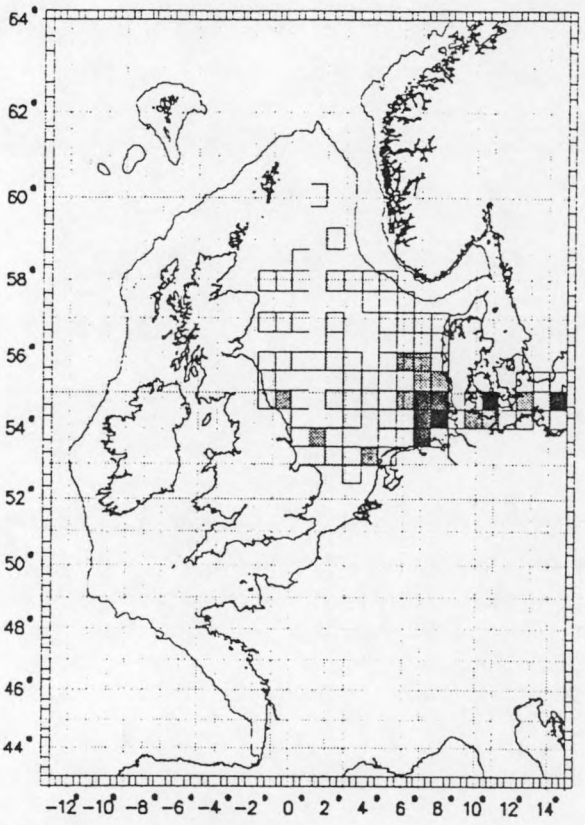
96–10–31

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : BFAIKB
UNITS : PSU
NO. OF DATA : 1045
NO. OF POSITIONS : 506



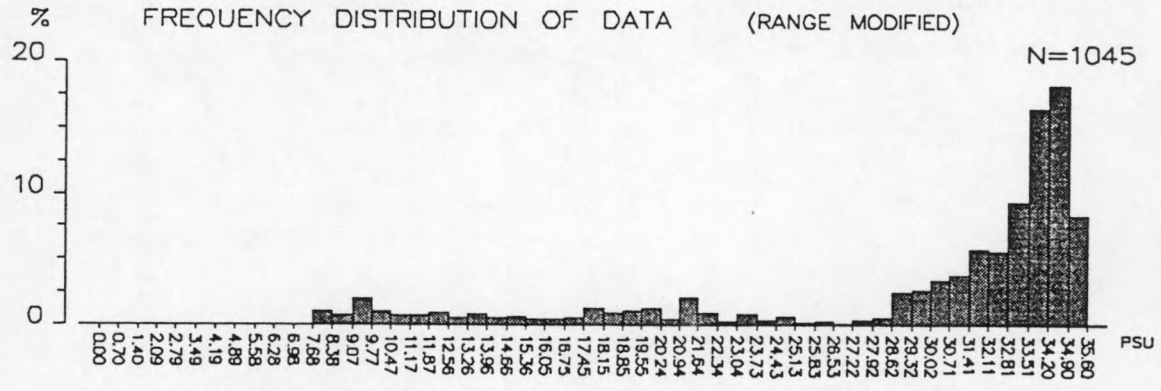
NO. OF DATA/AREA :
(without longterm data series !)

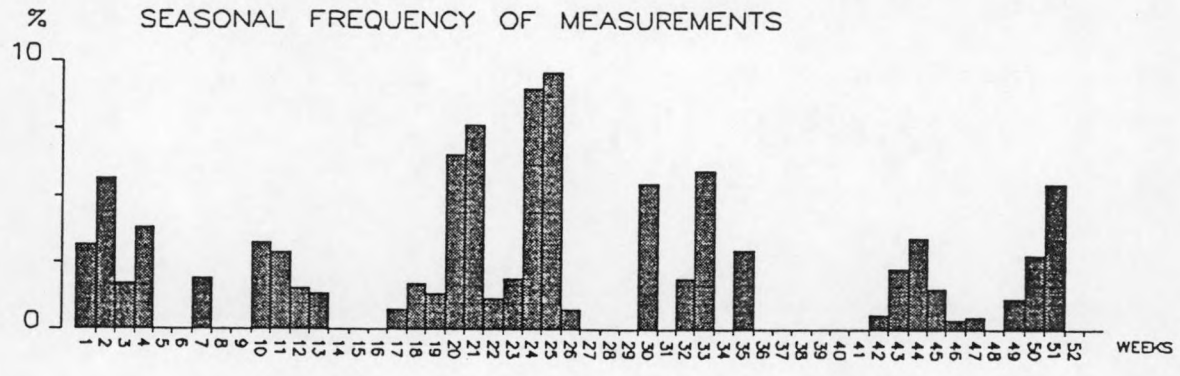
< 114	< 48
< 97	< 32
< 81	< 16
< 65	= 0

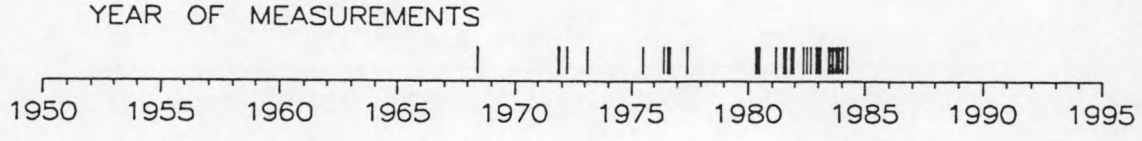
MINIMUM : 7.70
MAXIMUM : 35.72

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : BFAIS

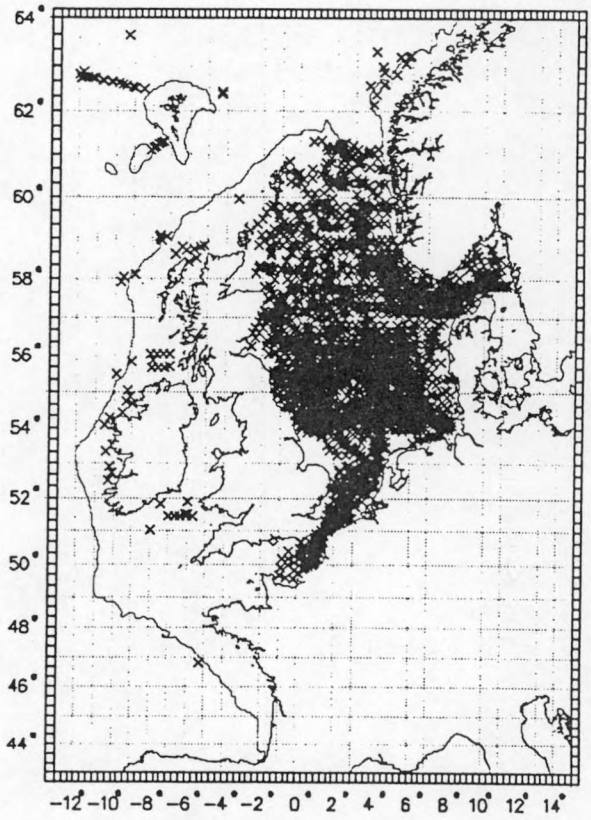
UNITS : PSU

NO. OF POSITIONS : 3567

NO. OF DATA : 13677

MINIMUM : 23.54

MAXIMUM : 36.81



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

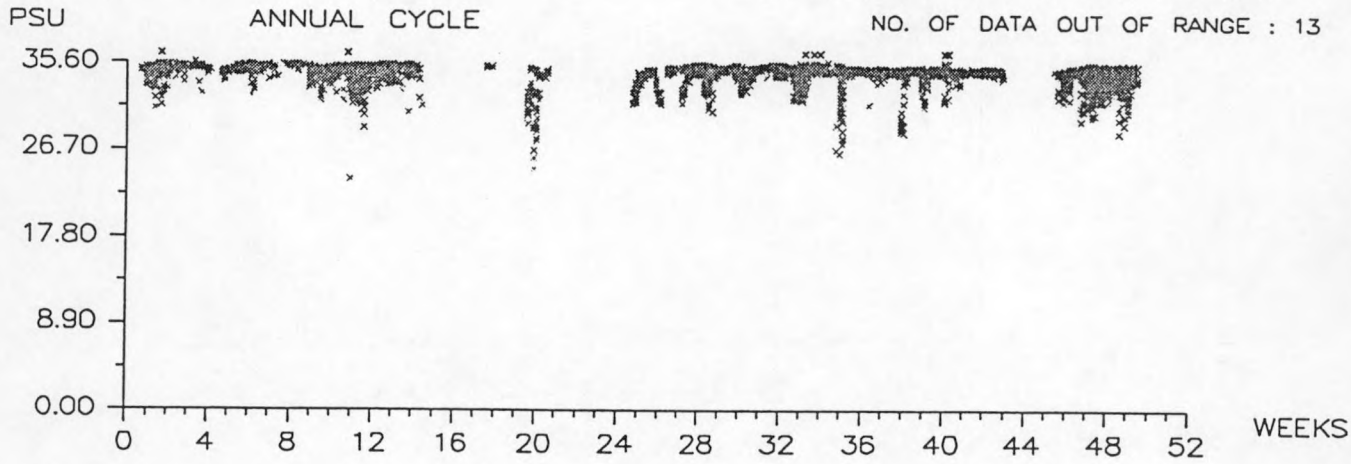
FIRST WEEK : 1

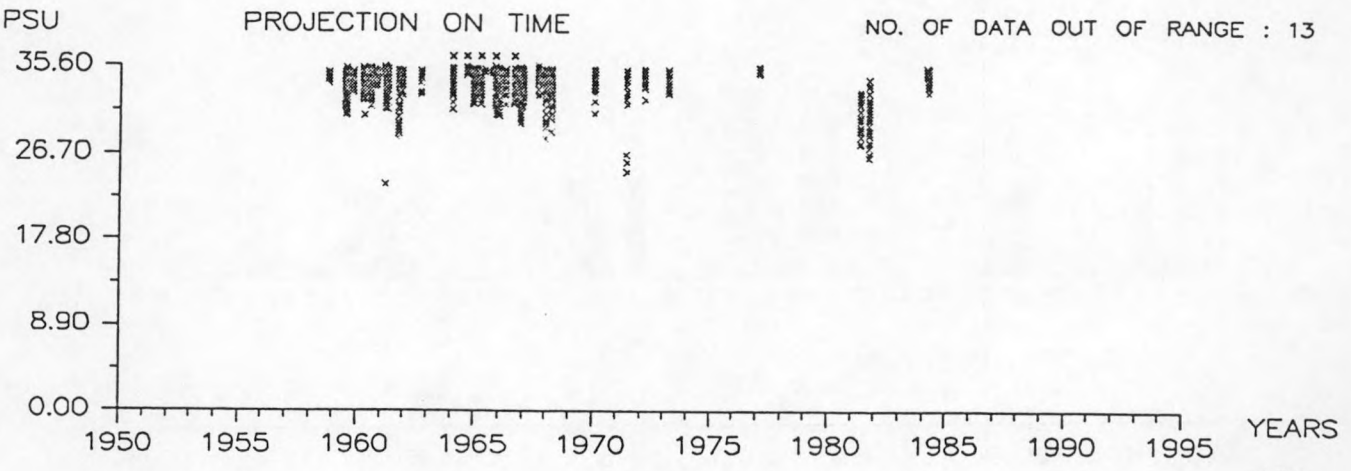
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



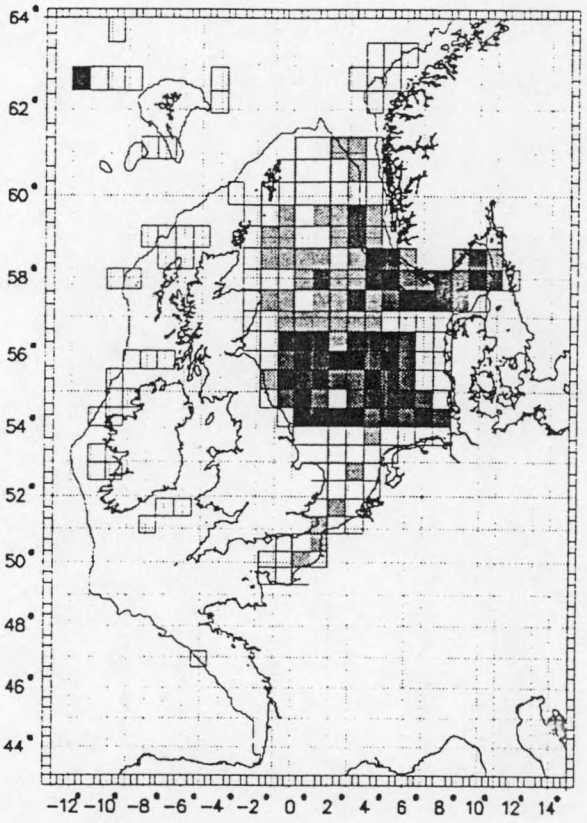


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : BFAIS
UNITS : PSU
NO. OF DATA : 13677
NO. OF POSITIONS : 3567



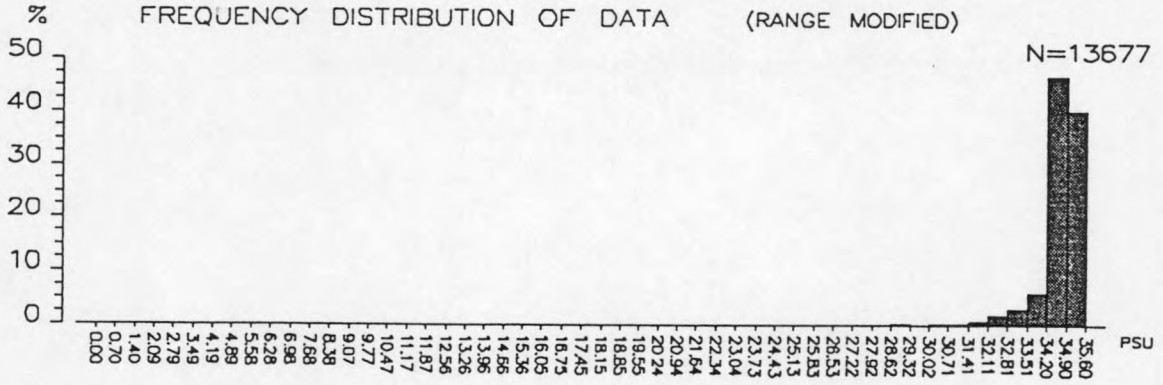
NO. OF DATA/AREA :
(without longterm data series !)

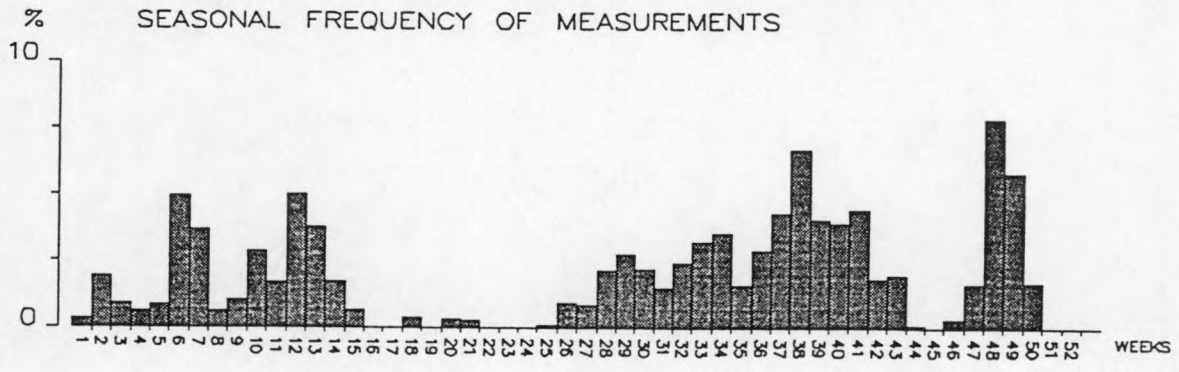
<	304	<	130
<	260	<	86
<	217	<	43
<	173	=	0

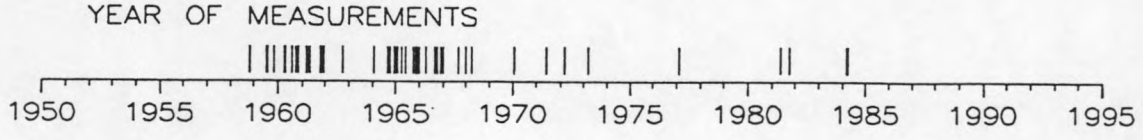
MINIMUM : 23.54
MAXIMUM : 36.81

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002022801

ENAME : BODC/Lowry, R.

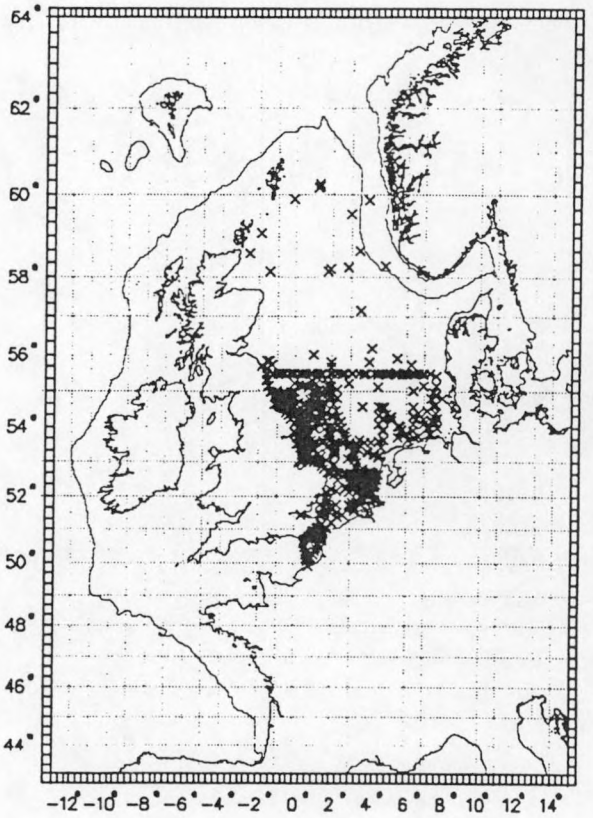
UNITS : PSU

NO. OF POSITIONS : 2324

NO. OF DATA : 2828

MINIMUM : 2.39

MAXIMUM : 35.39



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

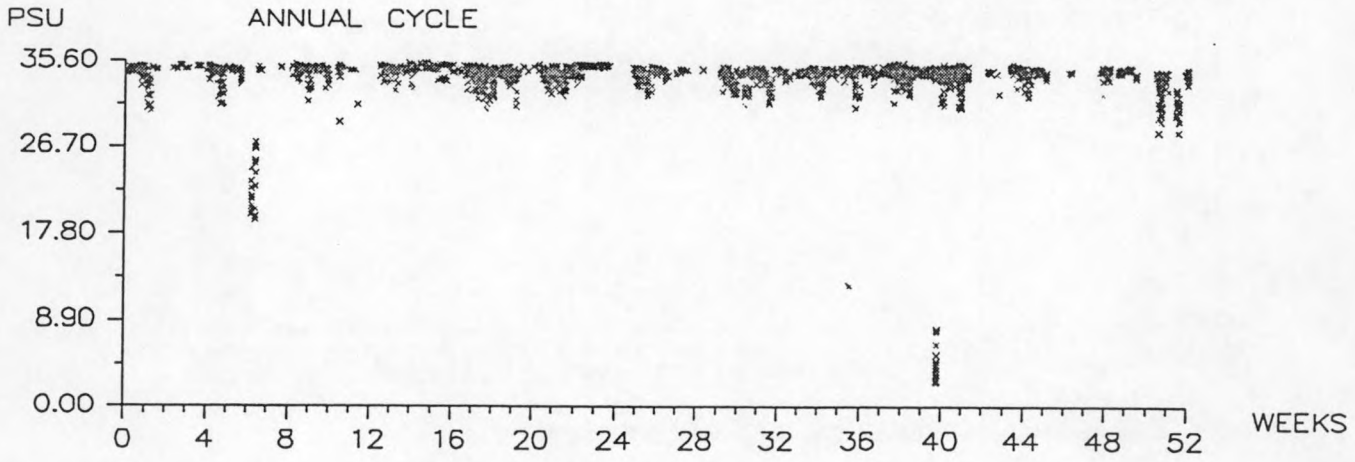
FIRST WEEK : 1

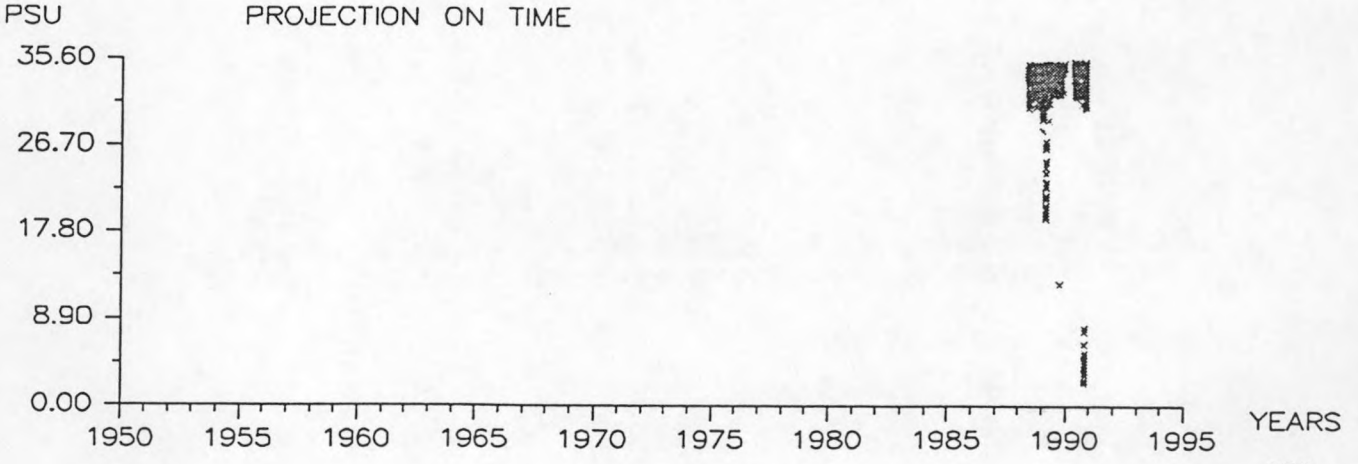
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002022801
ENAME : BODC/Lowry, R.
UNITS : PSU
NO. OF DATA : 2828
NO. OF POSITIONS : 2324

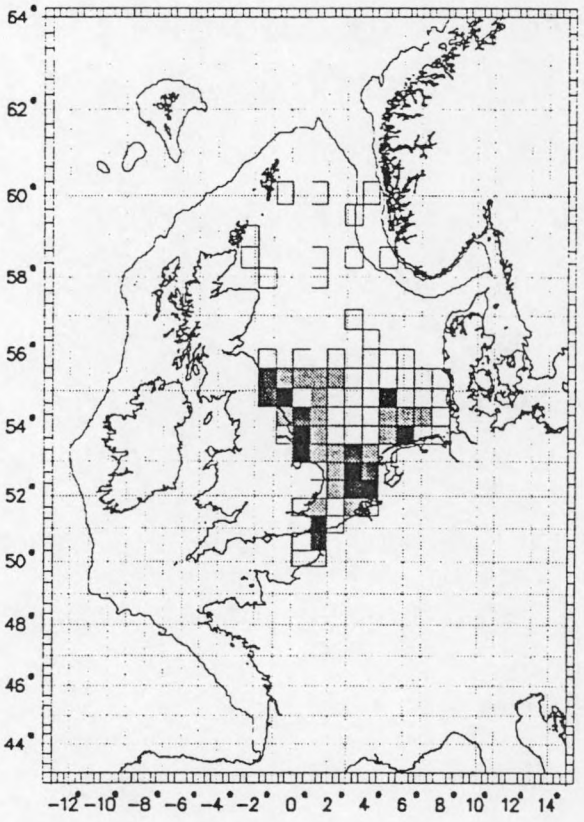
NO. OF DATA/AREA :
(without longterm data series !)

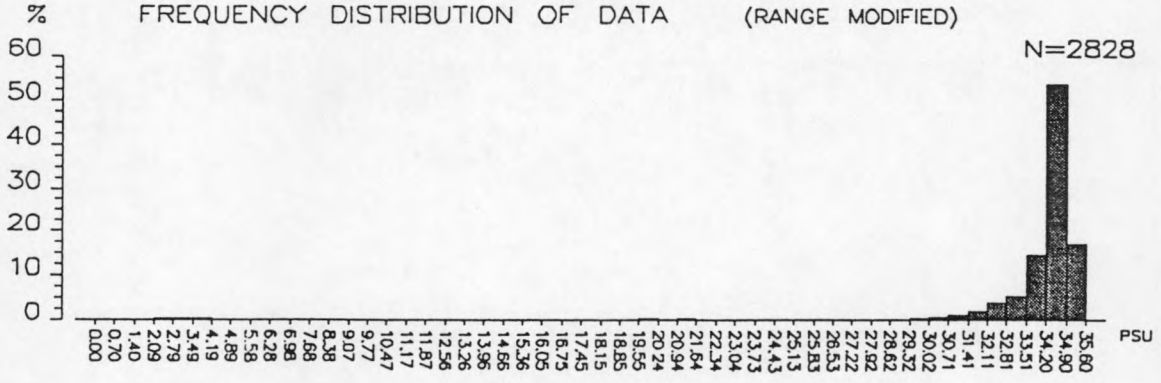
<	199	<	85
<	170	< V <	56
<	142	V <	28
<	113	=	0

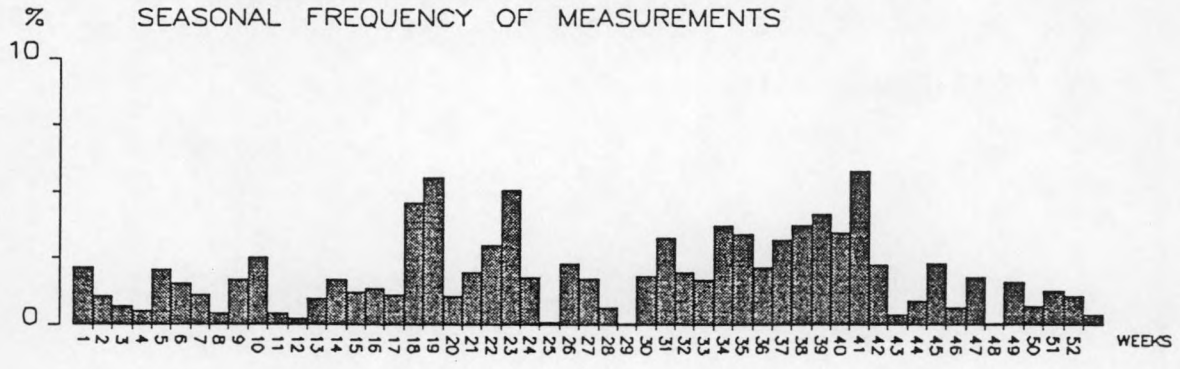
MINIMUM : 2.39
MAXIMUM : 35.39

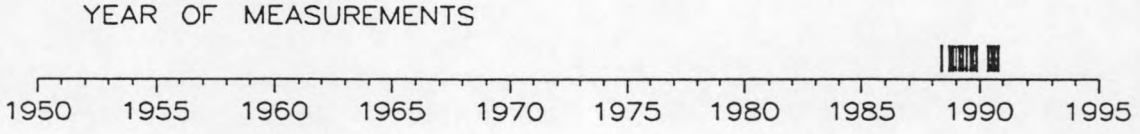
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000









ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020101

ENAME : BODC/Lowry, R.

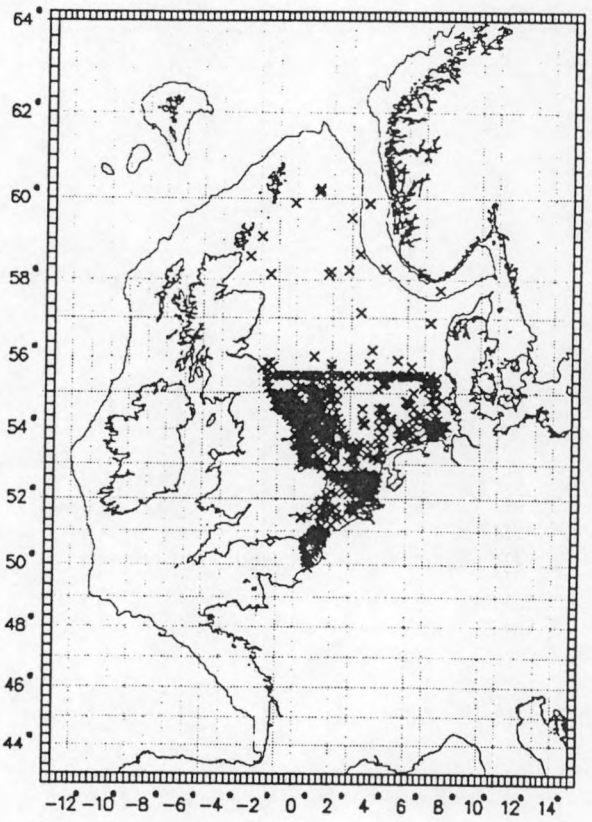
UNITS : PSU

NO. OF POSITIONS : 3093

NO. OF DATA : 134463

MINIMUM : 2.45

MAXIMUM : 35.40



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

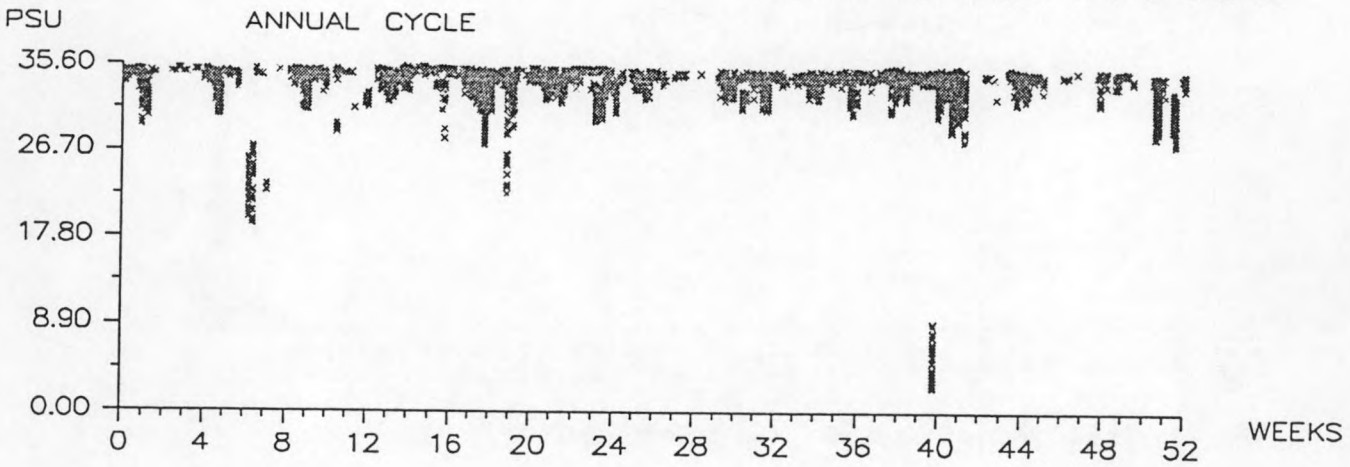
FIRST WEEK : 1

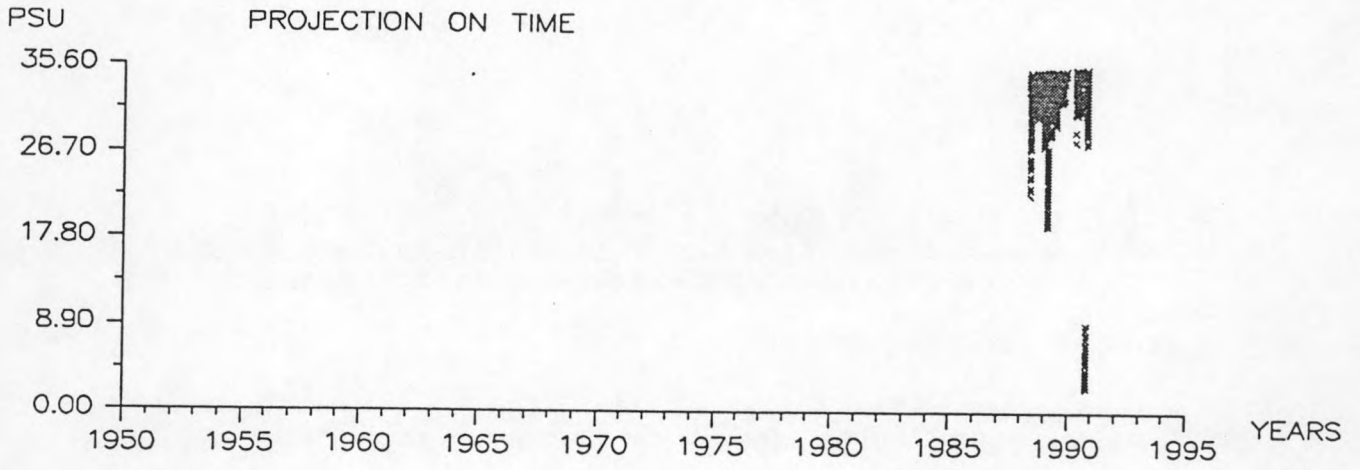
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



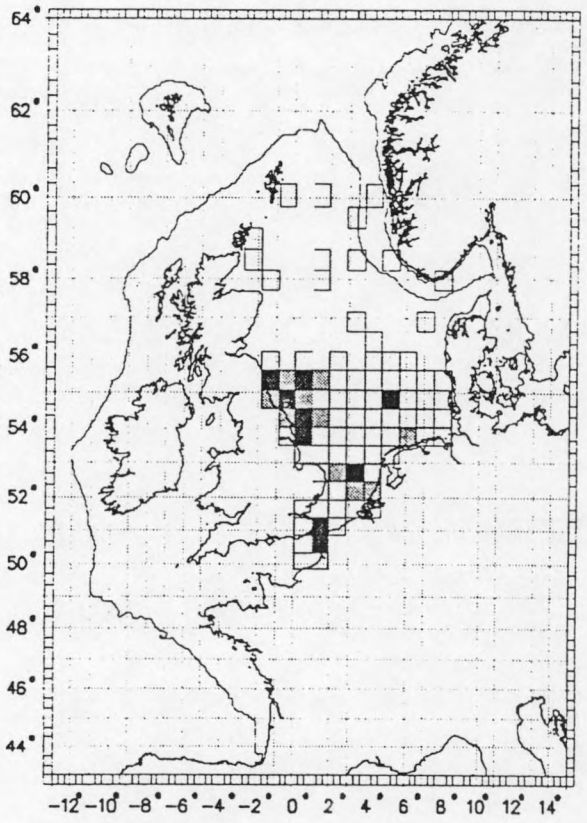


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020101
ENAME : BODC/Lowry, R.
UNITS : PSU
NO. OF DATA : 134463
NO. OF POSITIONS : 3093



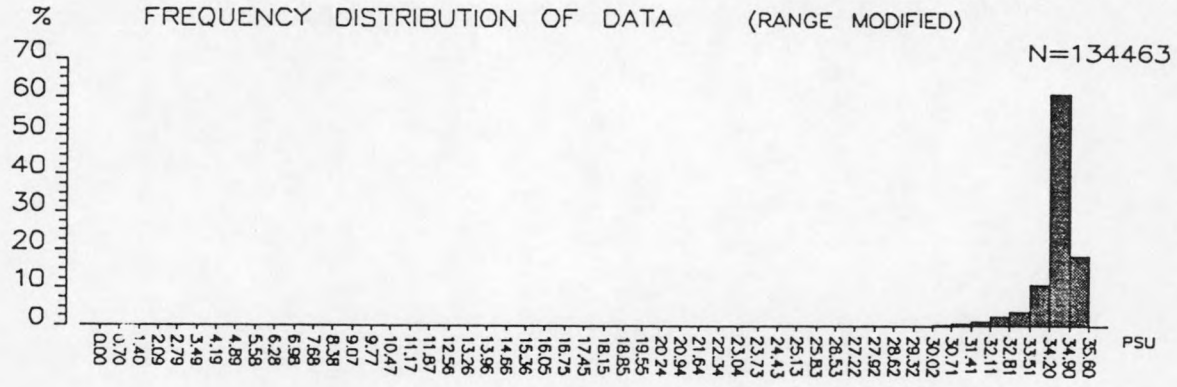
NO. OF DATA/AREA :
(without longterm data series !)

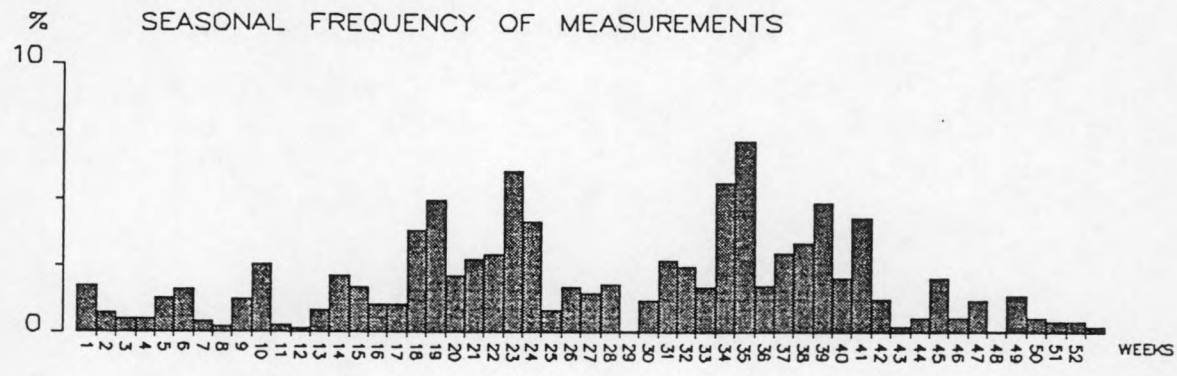
<	15032	<	6442
<	12884	<	4294
<	10737	<	2147
<	8589	=	0

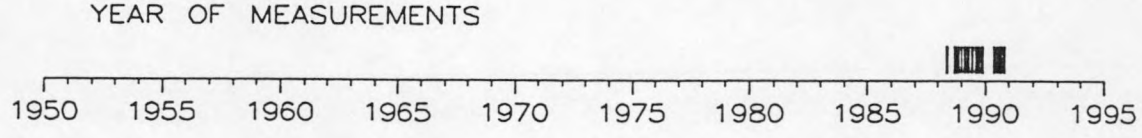
MINIMUM : 2.45
MAXIMUM : 35.40

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





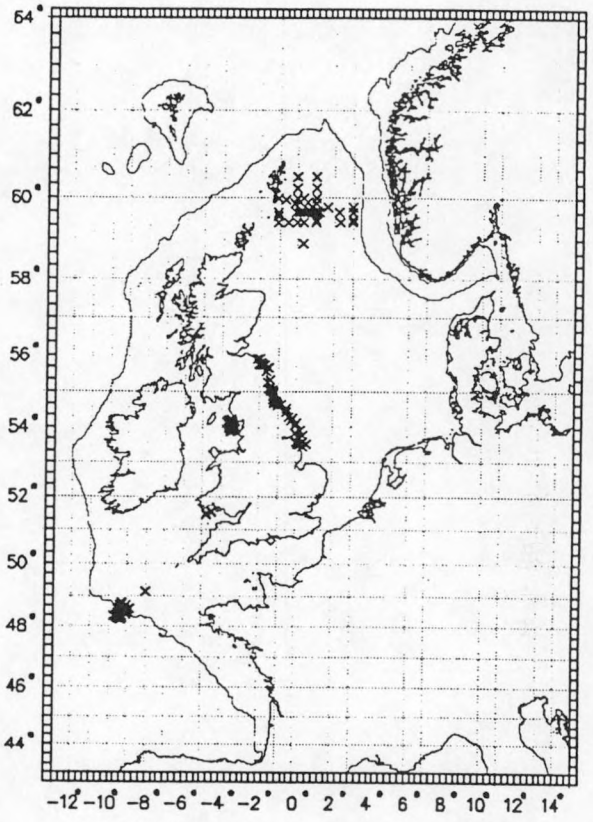


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020101
ENAME : BODC
UNITS : PSU
NO. OF POSITIONS : 308
NO. OF DATA : 14050
MINIMUM : 19.54
MAXIMUM : 35.69

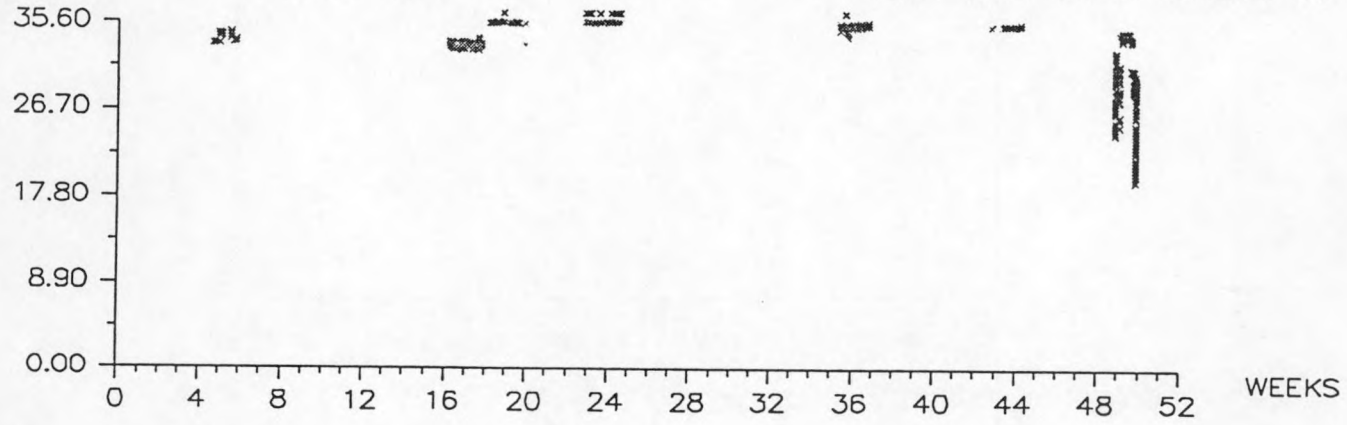


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

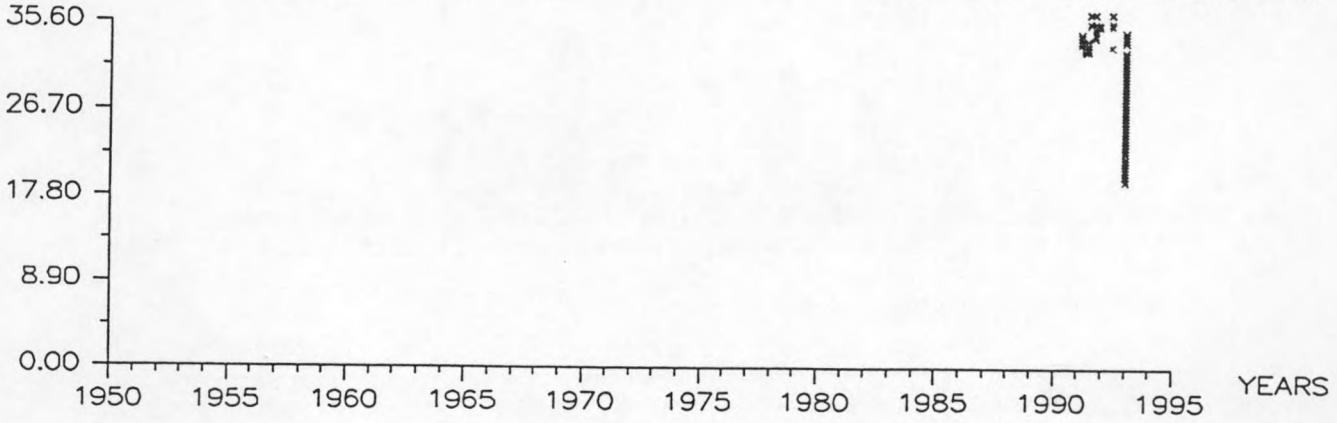
PSU ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 188



PSU PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 188



ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020101
ENAME : BODC
UNITS : PSU
NO. OF DATA : 14050
NO. OF POSITIONS : 308

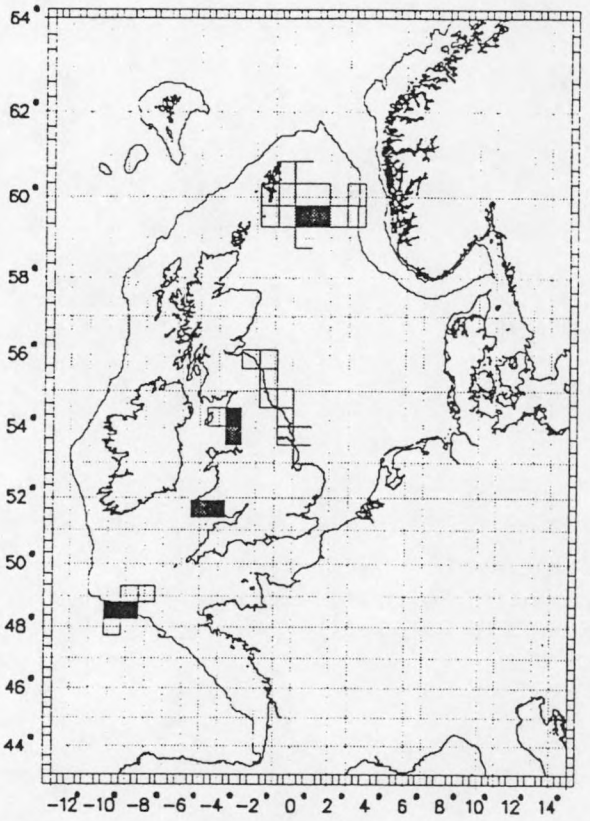
NO. OF DATA/AREA :
(without longterm data series !)

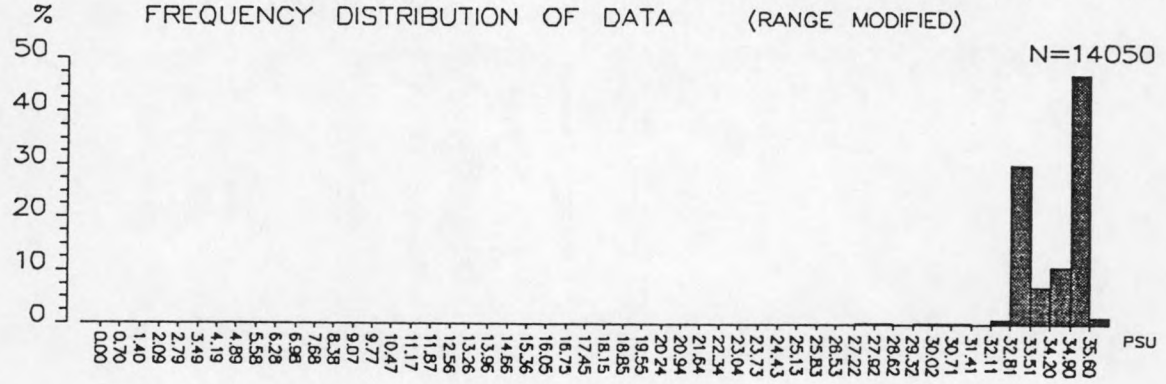
<	2592	<	1110
<	2221	<	740
<	1851	<	370
<	1481	=	0

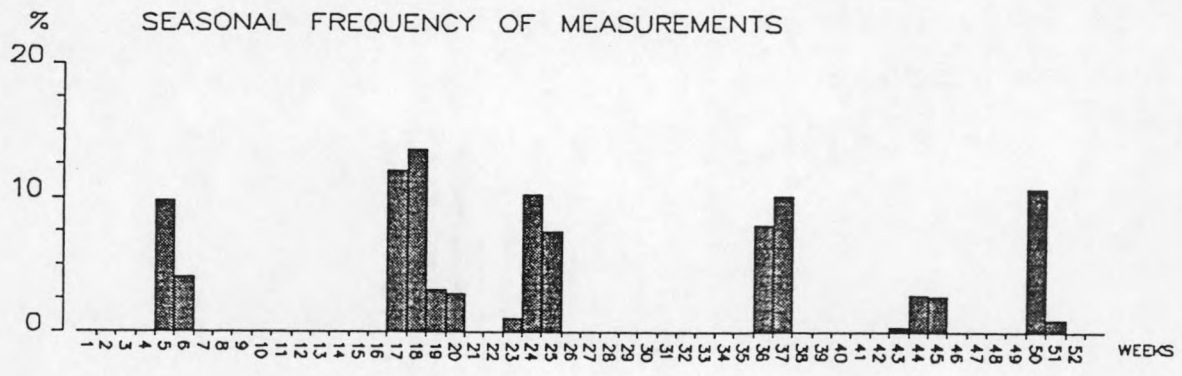
MINIMUM : 19.54
MAXIMUM : 35.69

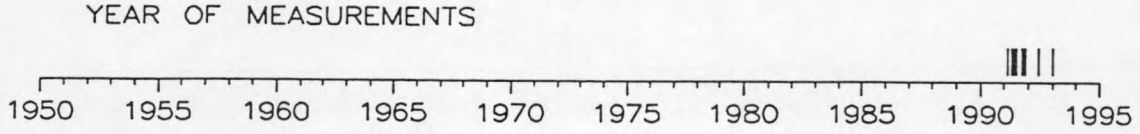
MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







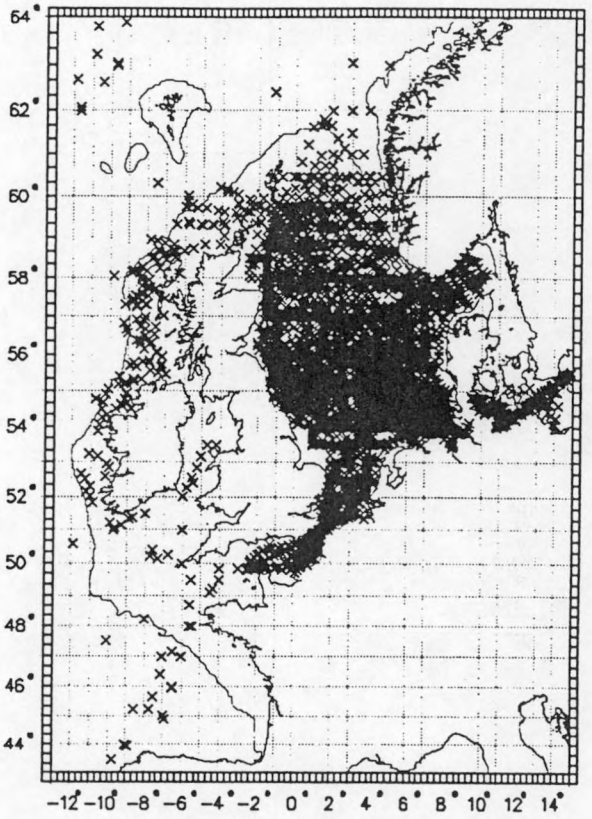


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

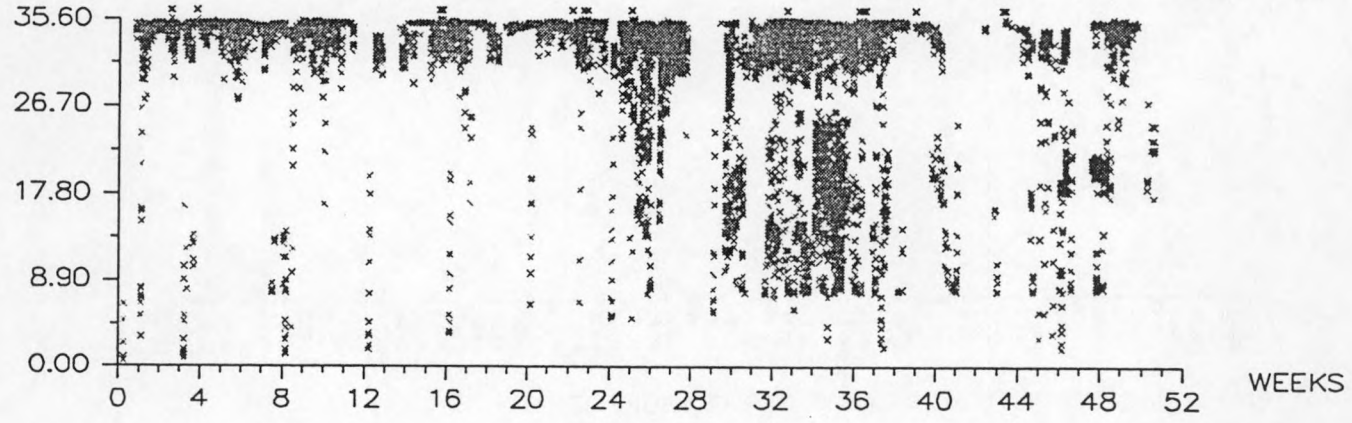
PCODE : 1002020001
ENAME : BSH
UNITS : PSU
NO. OF POSITIONS : 5424
NO. OF DATA : 21932
MINIMUM : 0.50
MAXIMUM : 38.38



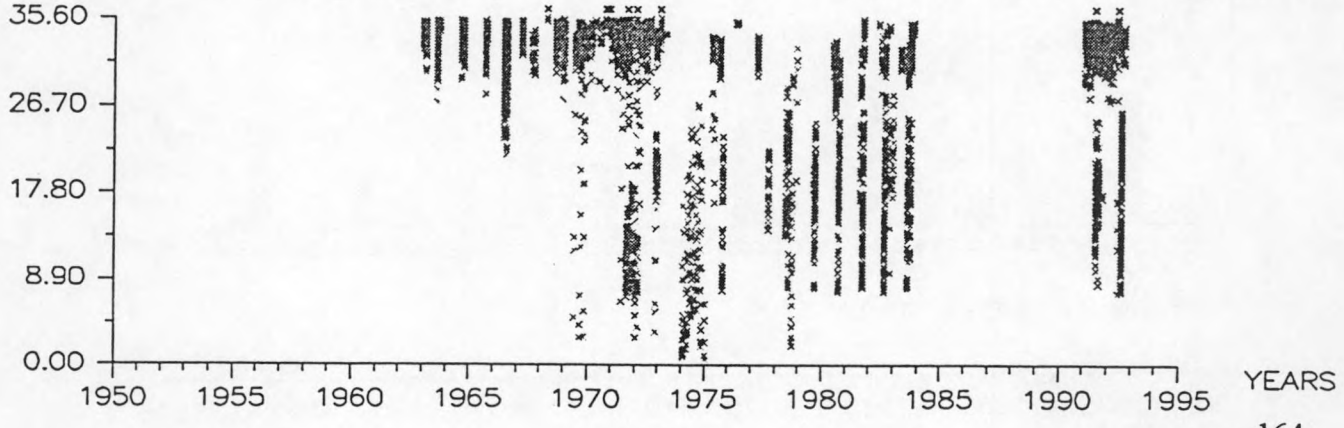
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

PSU ANNUAL CYCLE NO. OF DATA OUT OF RANGE : 44



PSU PROJECTION ON TIME NO. OF DATA OUT OF RANGE : 44



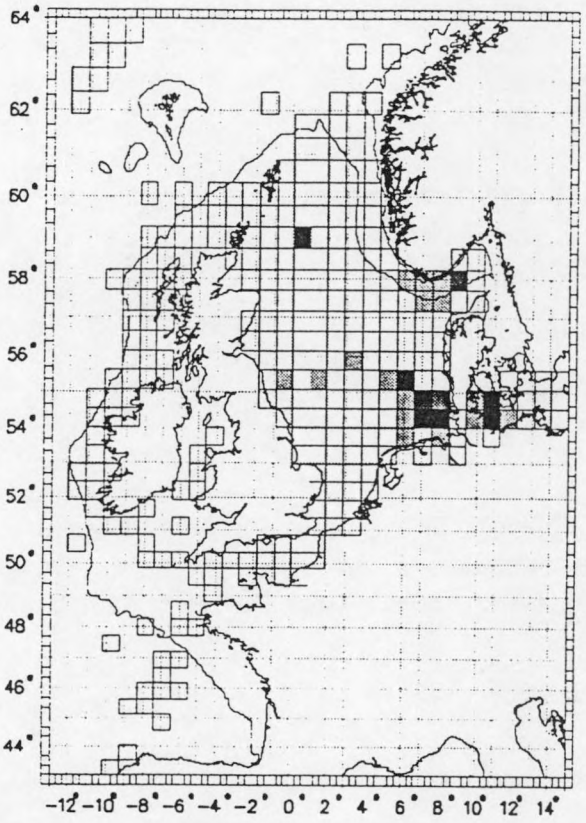
96–10–31

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : BSH
UNITS : PSU
NO. OF DATA : 21932
NO. OF POSITIONS : 5424



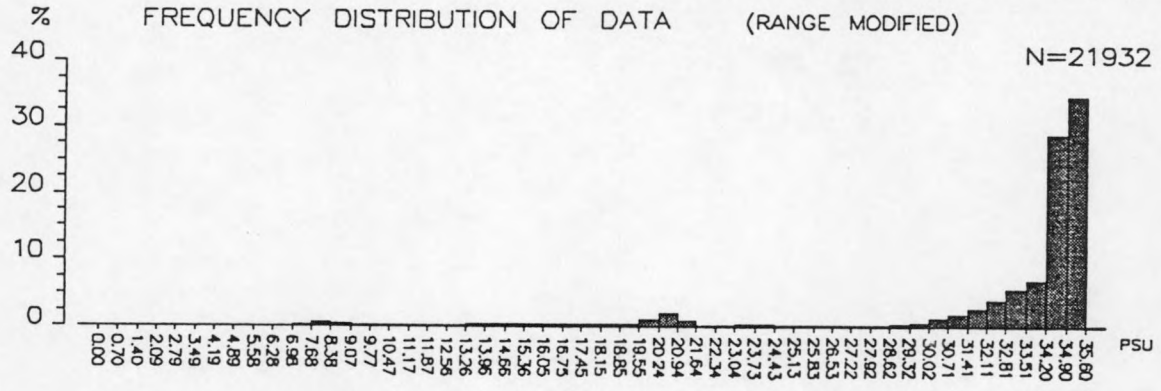
NO. OF DATA/AREA :
(without longterm data series !)

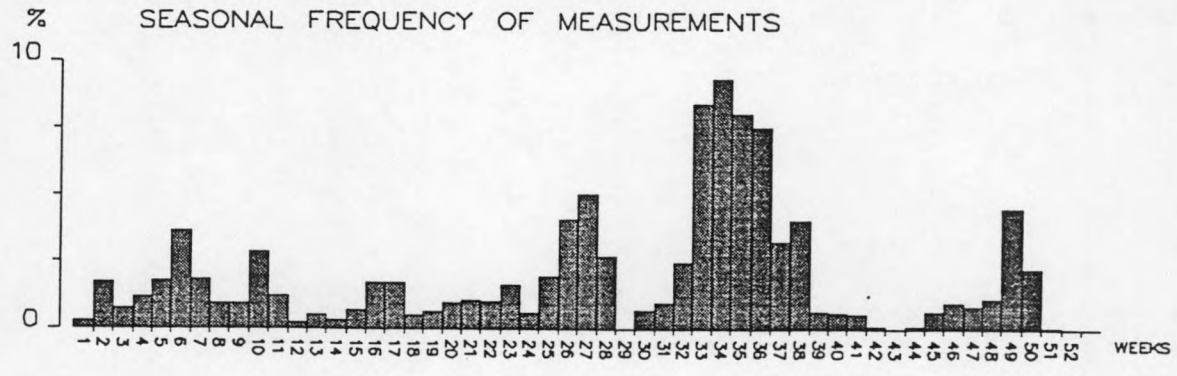
<	1162	<	498
<	996	<	332
<	830	<	166
<	664	=	0

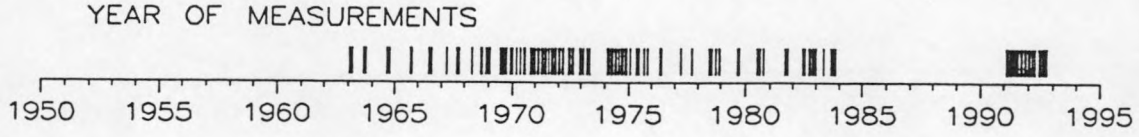
MINIMUM : 0.50
MAXIMUM : 38.38

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020301

ENAME : BSH

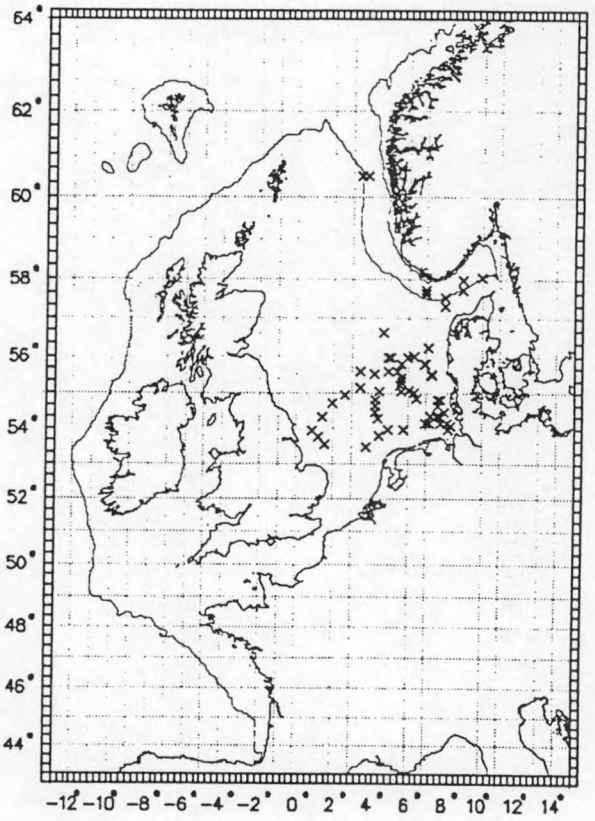
UNITS : PSU

NO. OF POSITIONS : 66

NO. OF DATA : 316

MINIMUM : 27.69

MAXIMUM : 35.36



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

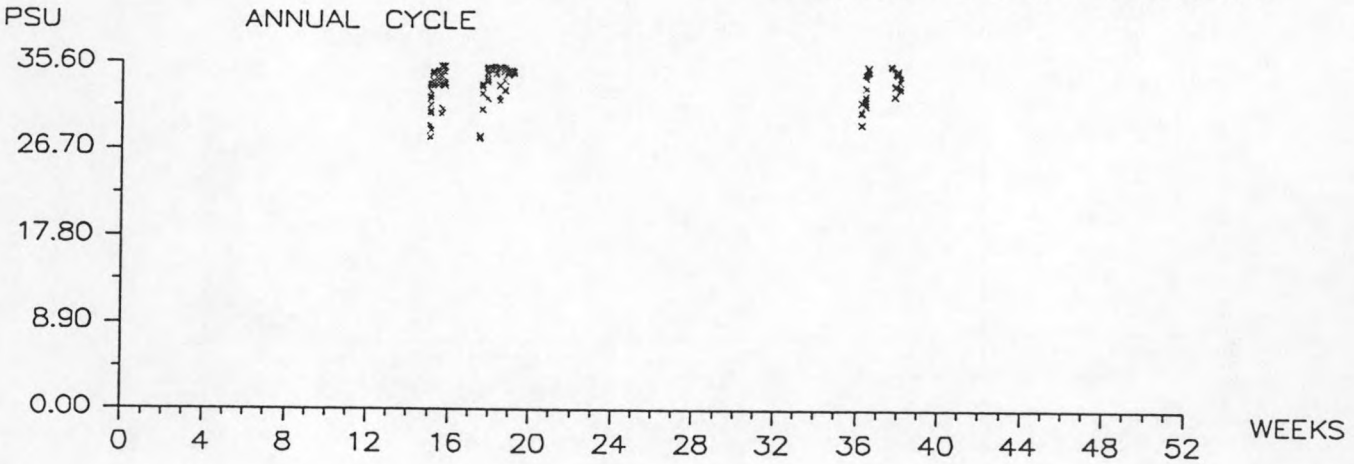
FIRST WEEK : 1

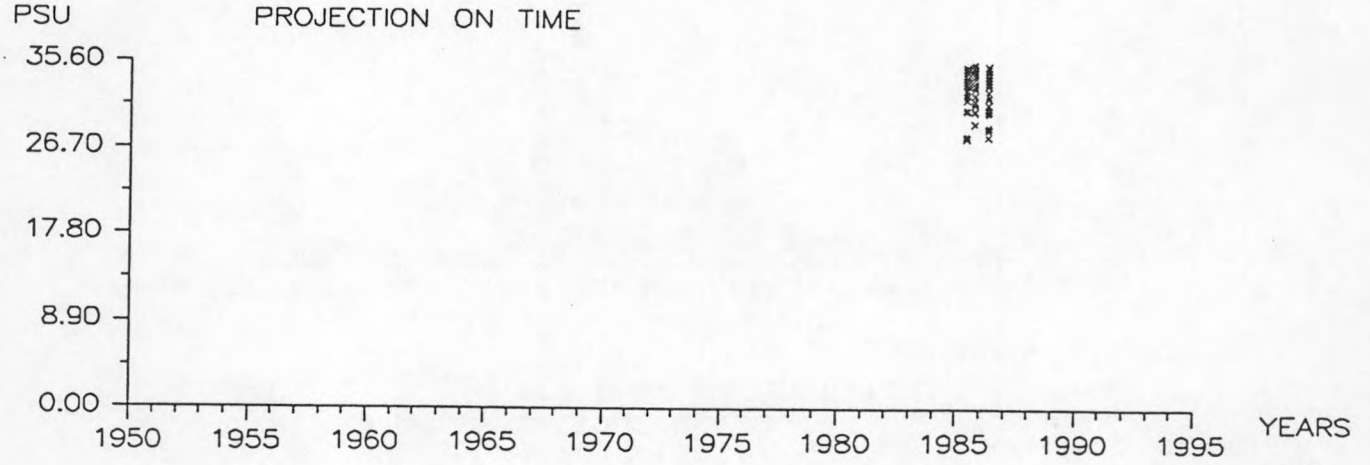
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



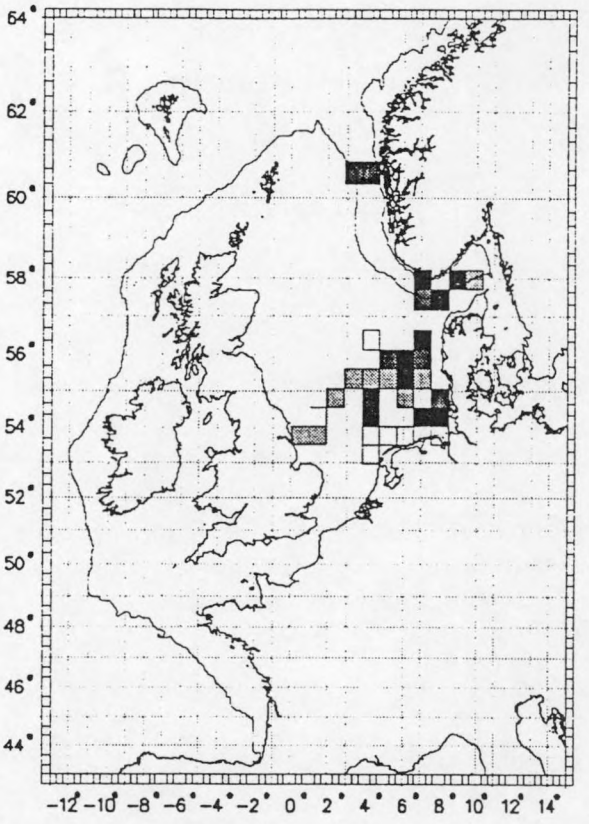


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020301
ENAME : BSH
UNITS : PSU
NO. OF DATA : 316
NO. OF POSITIONS : 66



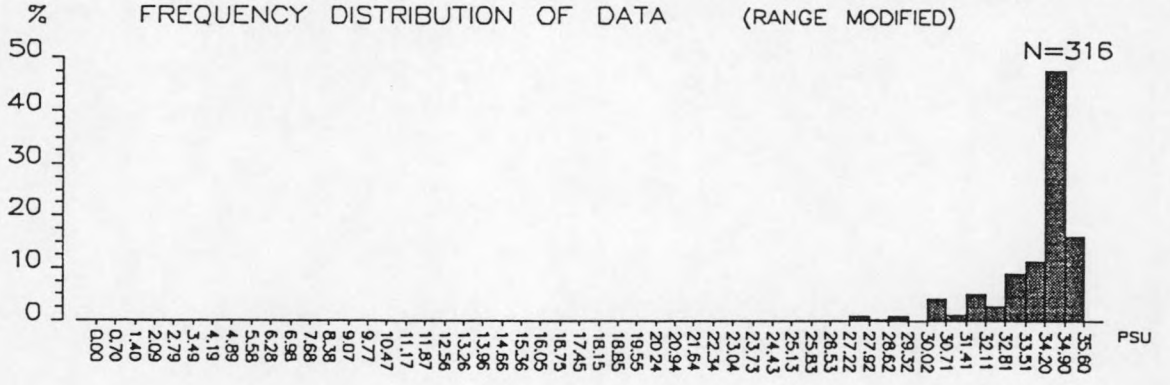
NO. OF DATA/AREA :
(without longterm data series !)

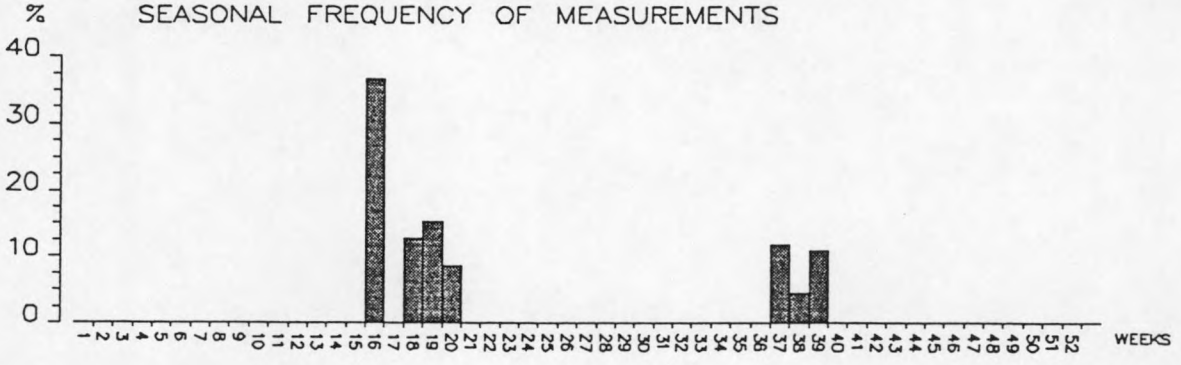
<	29	<	12
<	24	<	8
<	20	<	4
<	16	=	0

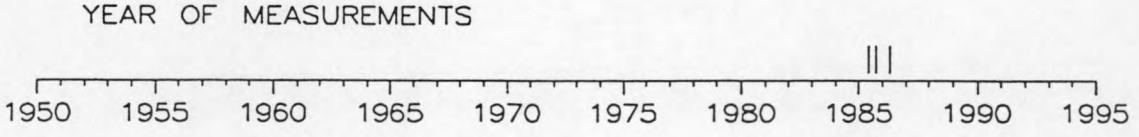
MINIMUM : 27.69
MAXIMUM : 35.36

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

SALINITY

PCODE : 1002020101

ENAME : BSH/Koenig, P.

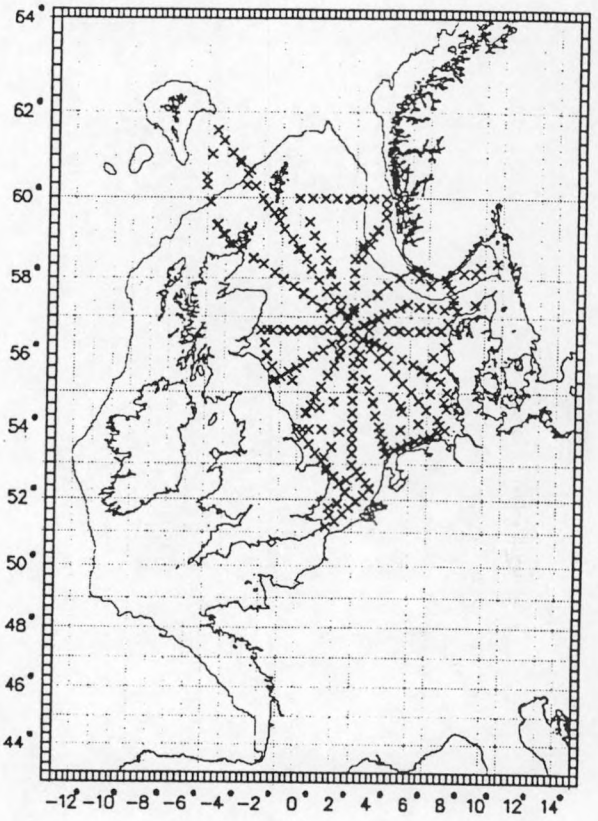
UNITS : PSU

NO. OF POSITIONS : 346

NO. OF DATA : 2507

MINIMUM : 25.50

MAXIMUM : 35.40



MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

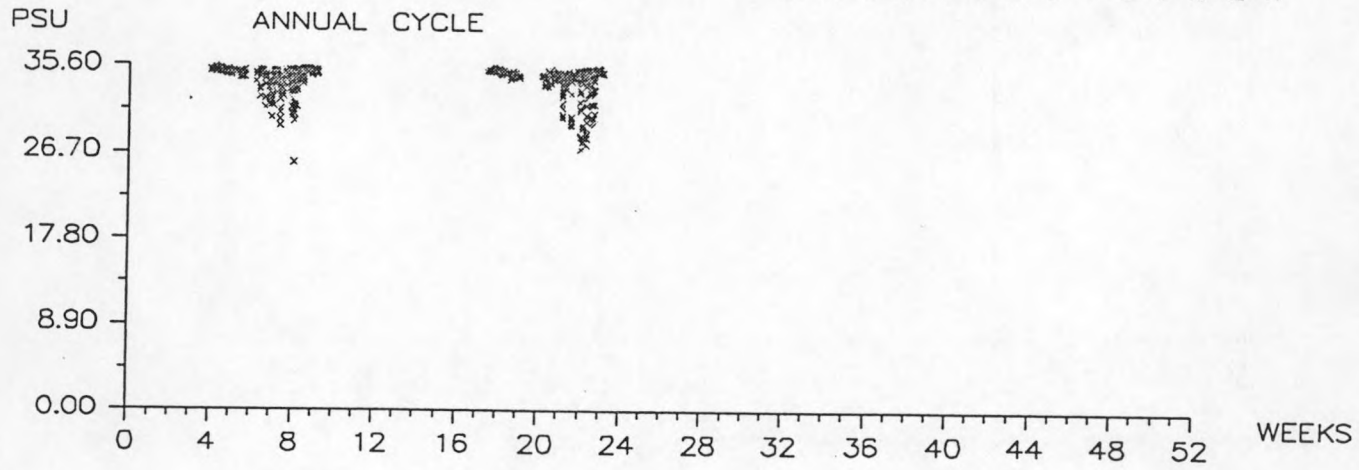
FIRST WEEK : 1

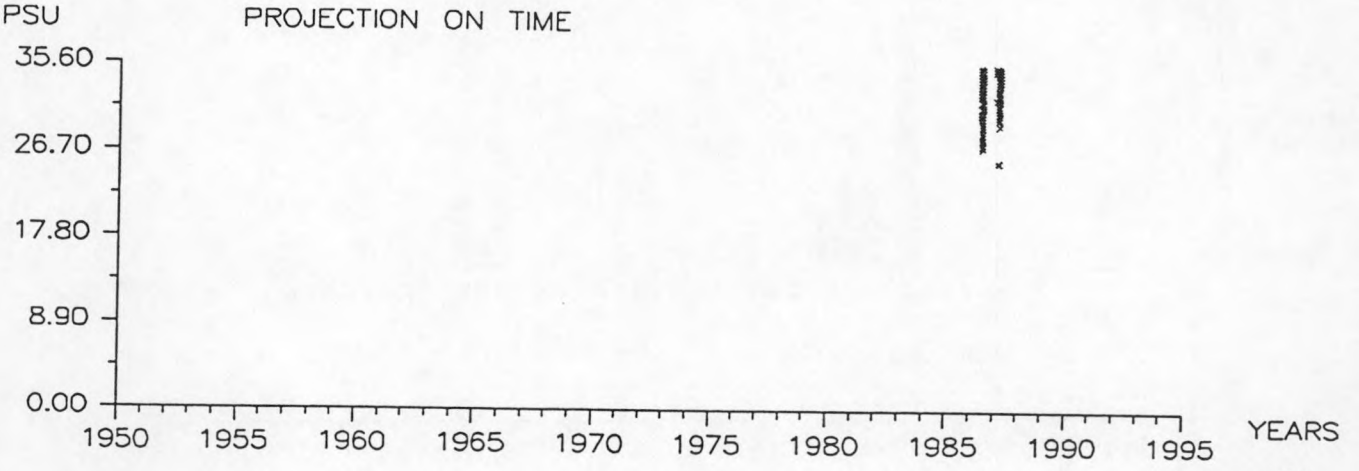
LAST WEEK : 53

DEPTH—RANGE

UPPER : 0

LOWER : 2000



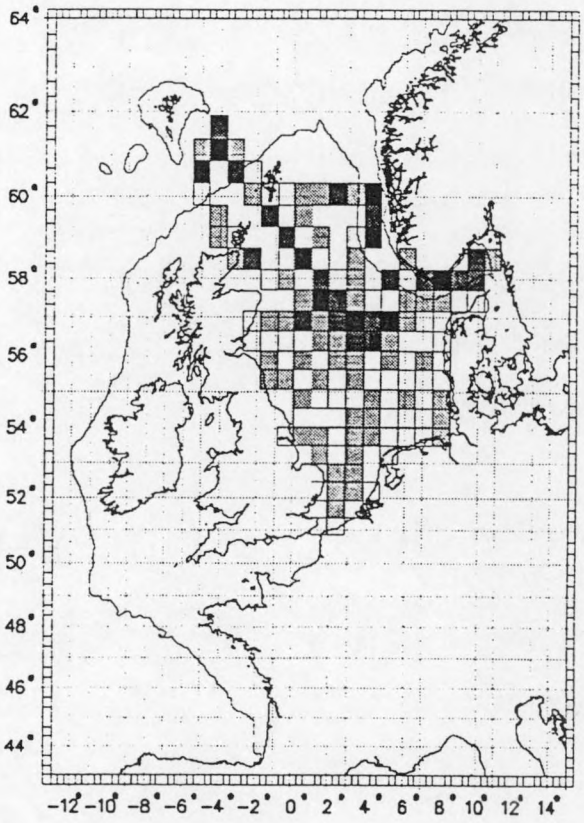


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020101
ENAME : BSH/Koenig, P.
UNITS : PSU
NO. OF DATA : 2507
NO. OF POSITIONS : 346



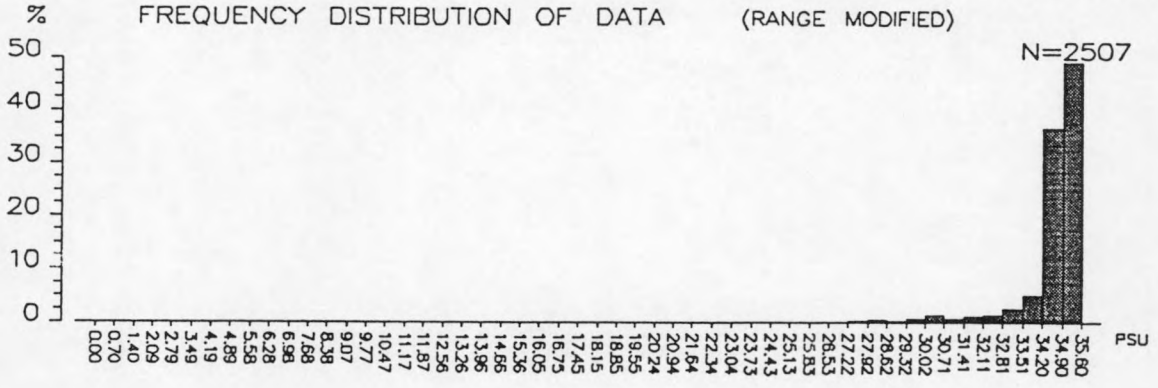
NO. OF DATA/AREA :
(without longterm data series !)

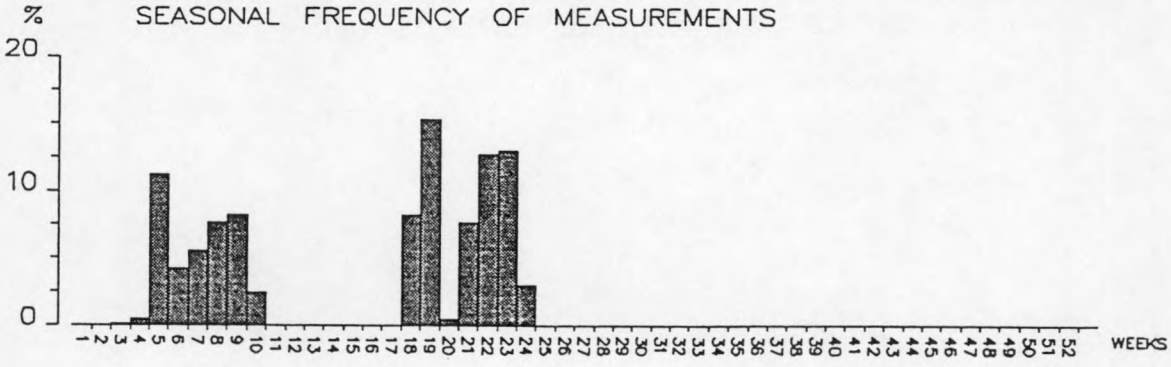
<	84	<	36
<	72	<	24
<	60	<	12
<	48	=	0

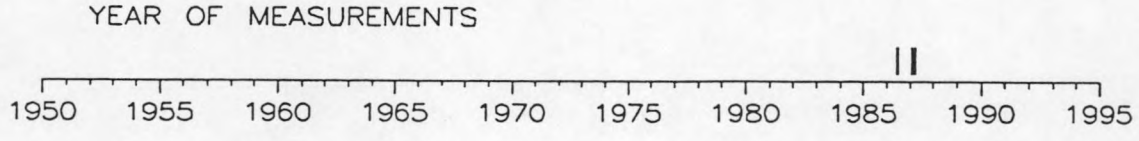
MINIMUM : 25.50
MAXIMUM : 35.40

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020301

ENAME : BSH/Koenig, P.

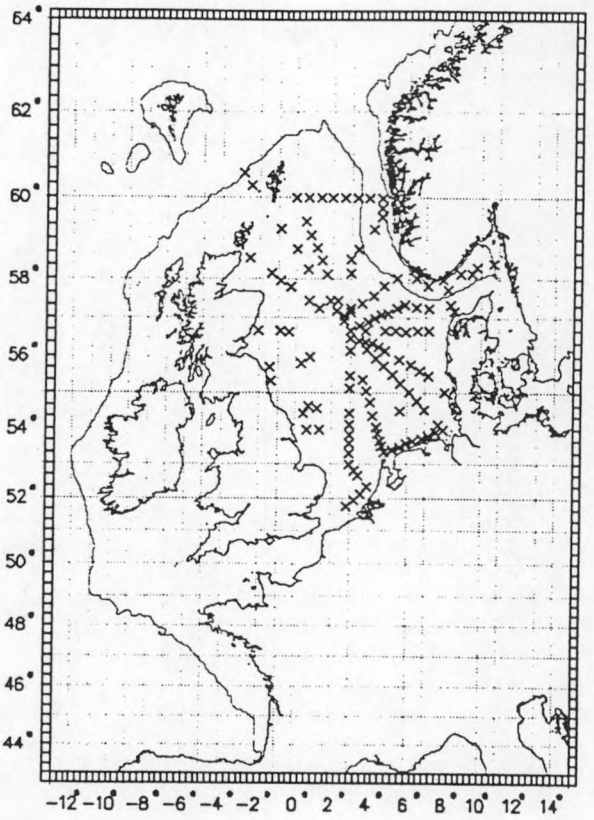
UNITS : PSU

NO. OF POSITIONS : 135

NO. OF DATA : 436

MINIMUM : 26.68

MAXIMUM : 35.31



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

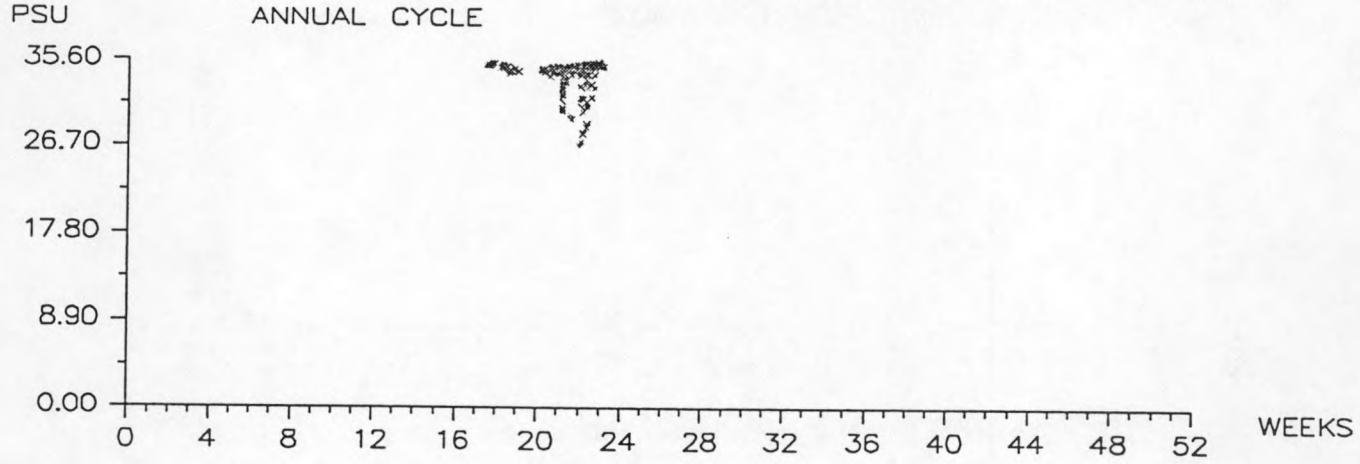
FIRST WEEK : 1

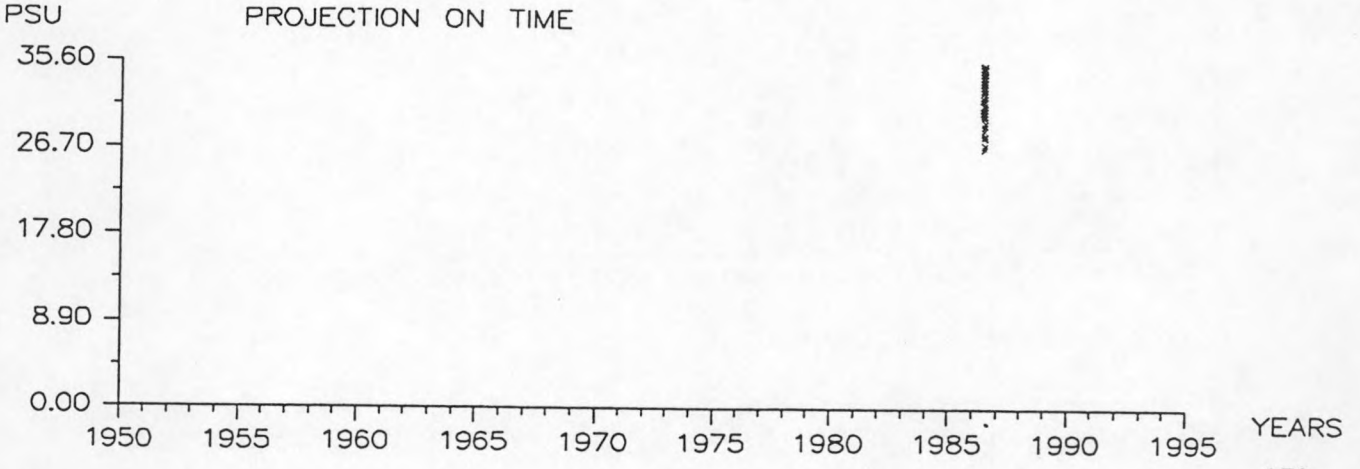
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



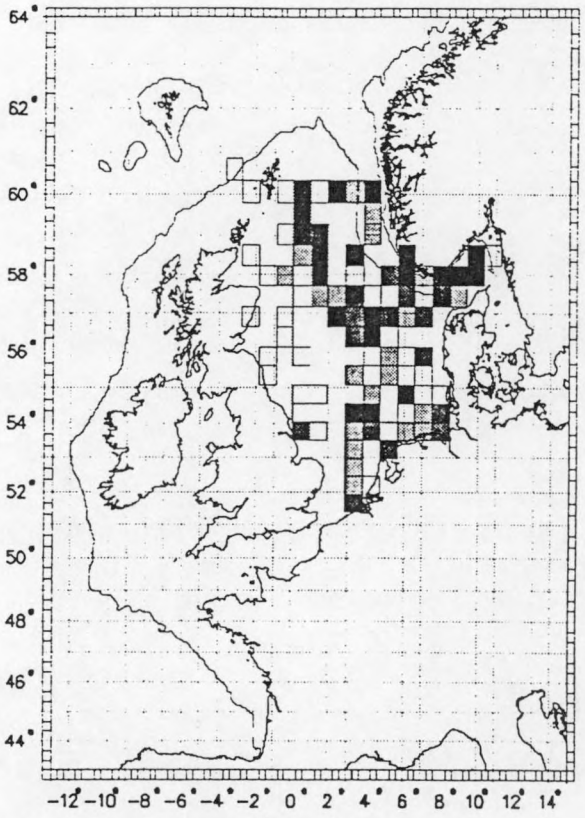


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020301
ENAME : BSH/Koenig, P.
UNITS : PSU
NO. OF DATA : 436
NO. OF POSITIONS : 135



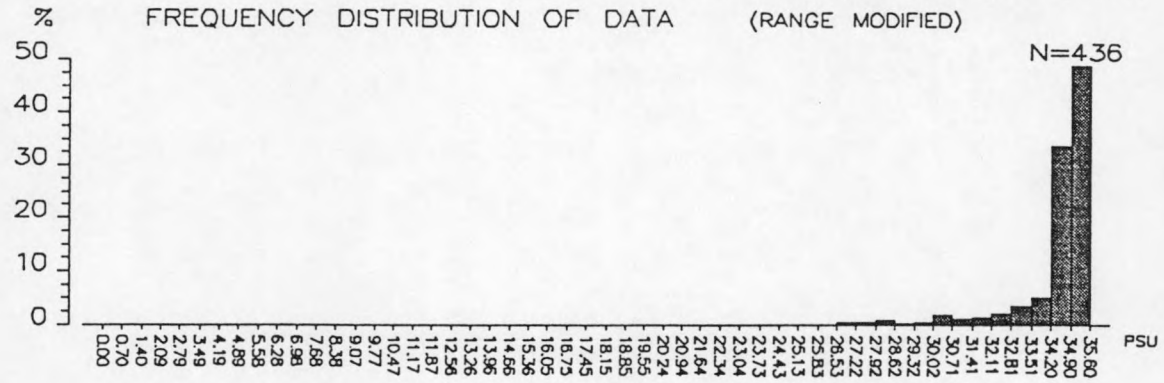
NO. OF DATA/AREA :
(without longterm data series !)

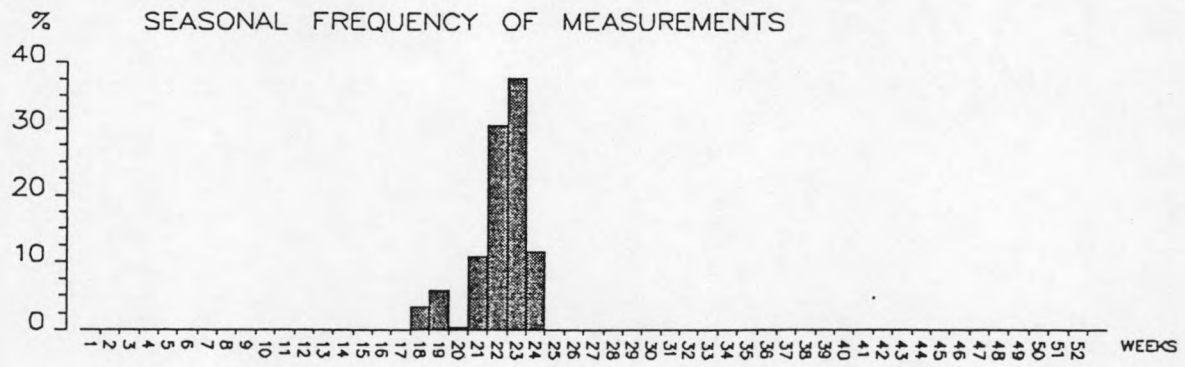
< 16	< 6
< 13	< 4
< 11	< 2
< 9	= 0

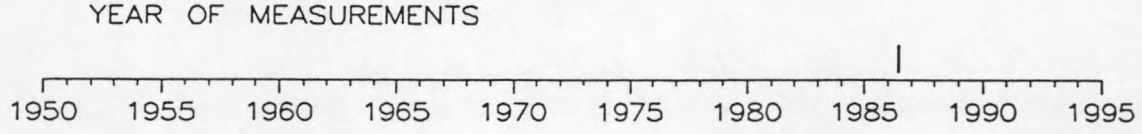
MINIMUM : 26.68
MAXIMUM : 35.31

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020101

ENAME : CRESO/Castaing, P., Un.

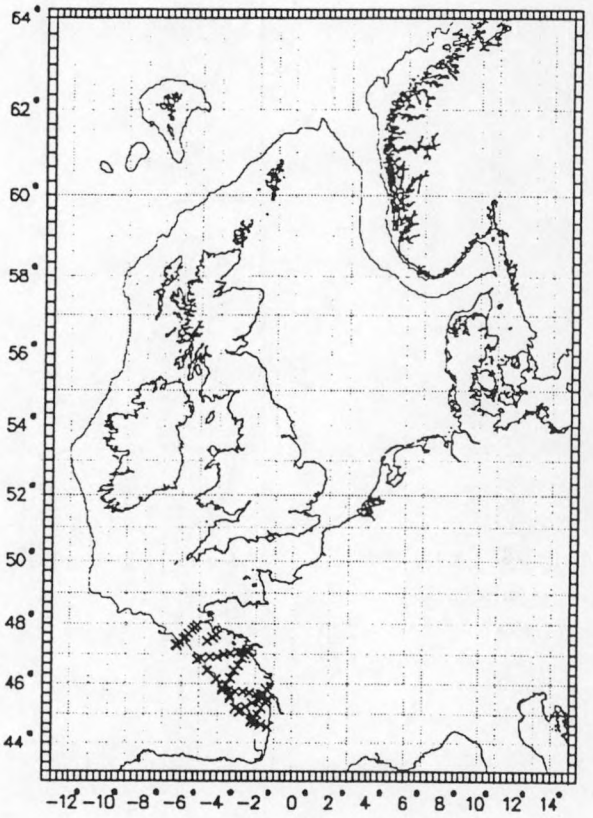
UNITS : PSU

NO. OF POSITIONS : 67

NO. OF DATA : 8204

MINIMUM : 29.52

MAXIMUM : 36.50



NO. OF DATA OUT OF RANGE : 3

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

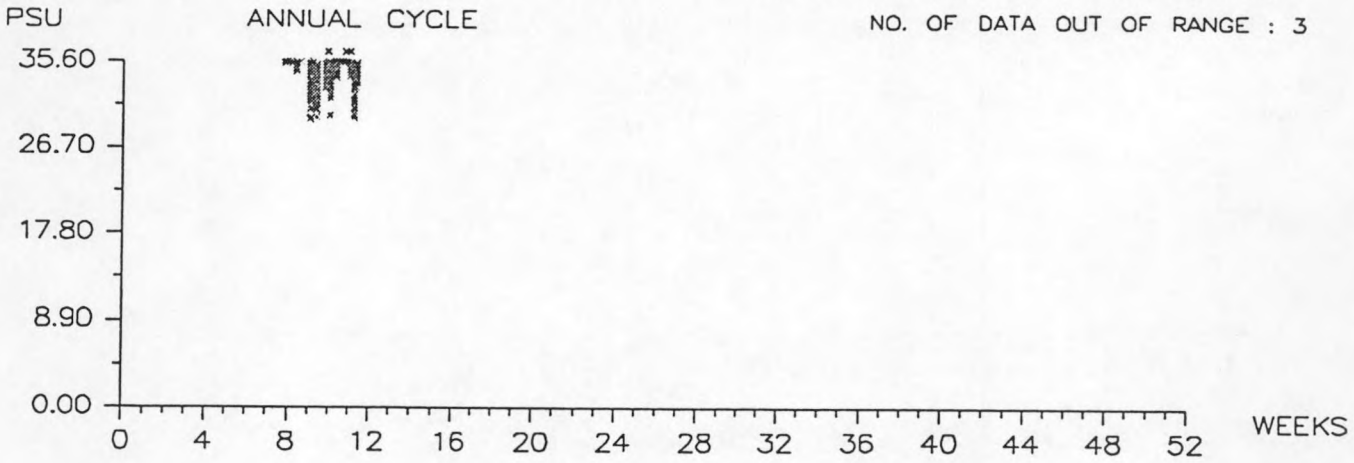
FIRST WEEK : 1

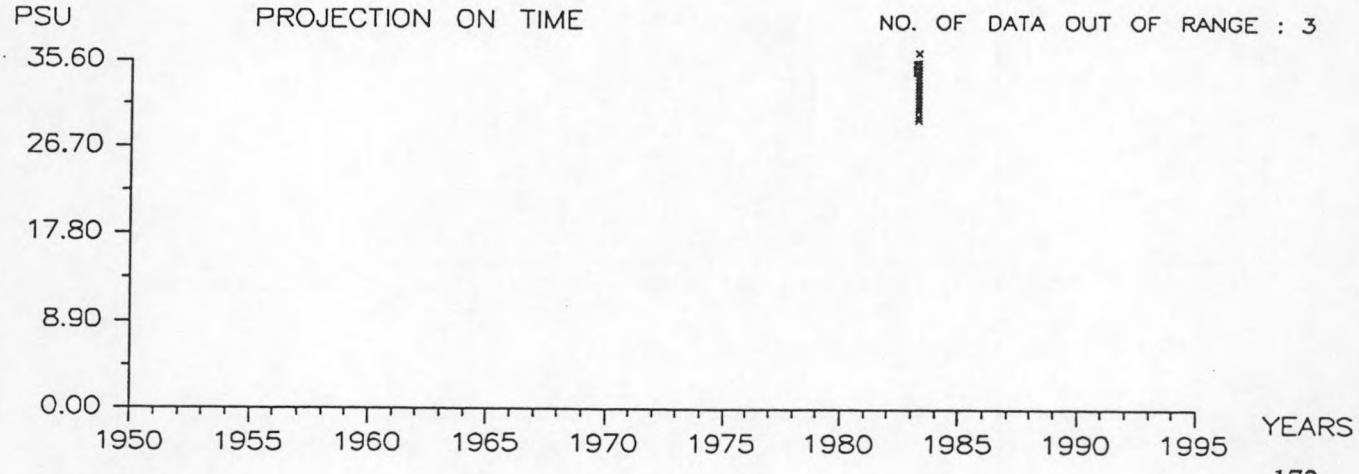
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



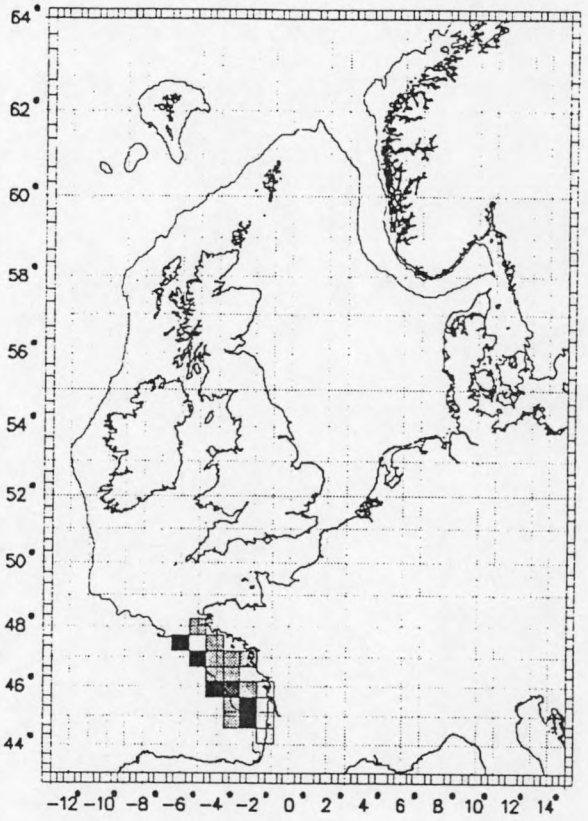


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020101
ENAME : CRESO/Castaing, P., Un.
UNITS : PSU
NO. OF DATA : 8204
NO. OF POSITIONS : 67



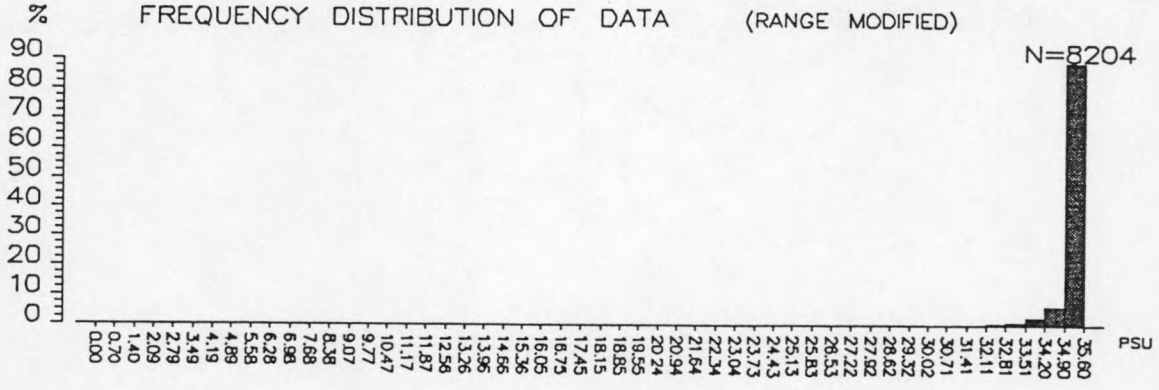
NO. OF DATA/AREA :
(without longterm data series !)

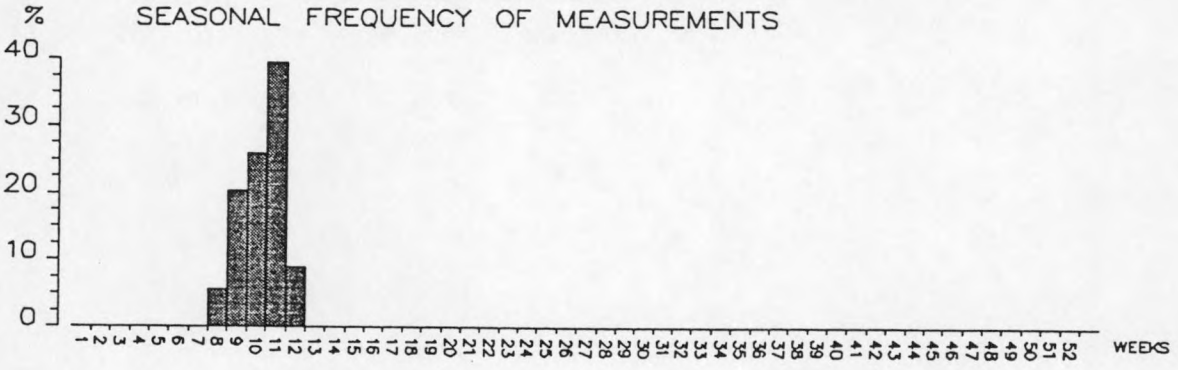
< 1299	< 556
< 1113	< 371
< 927	< 185
< 742	= 0

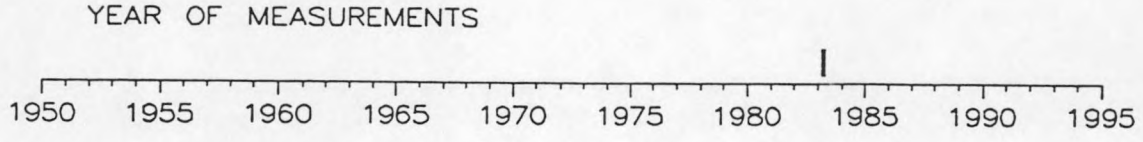
MINIMUM : 29.52
MAXIMUM : 36.50

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020101

ENAME : CRESO/Castaing, P., Fr.

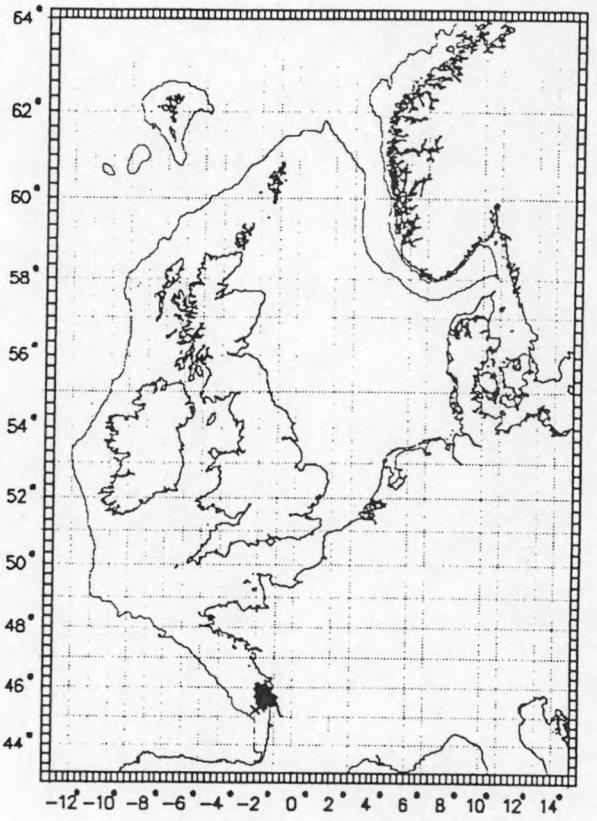
UNITS : PSU

NO. OF POSITIONS : 87

NO. OF DATA : 2795

MINIMUM : 25.71

MAXIMUM : 35.75



NO. OF DATA OUT OF RANGE : 67

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

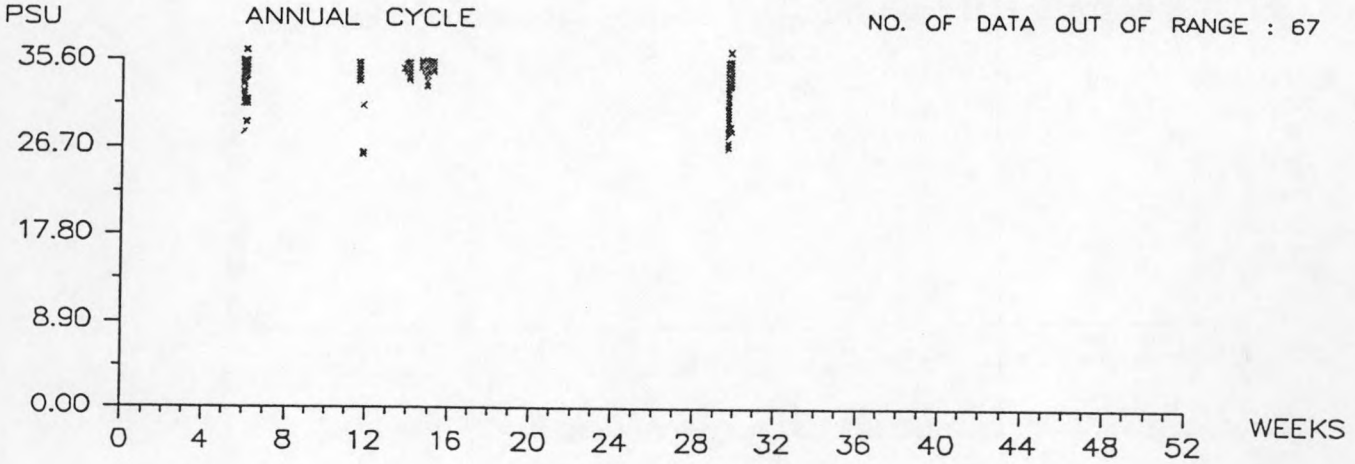
FIRST WEEK : 1

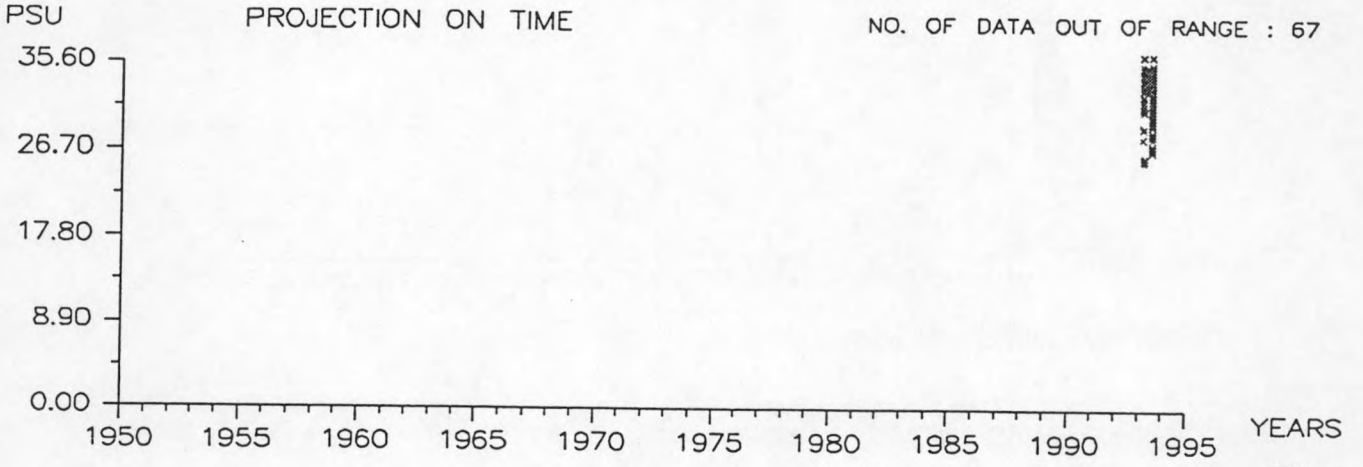
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



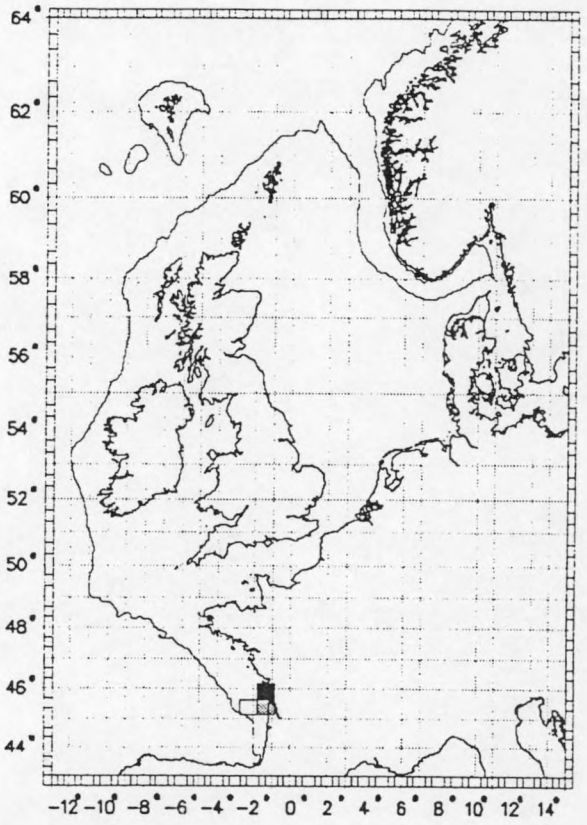


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020101
ENAME : CRESO/Castaing, P., Fr.
UNITS : PSU
NO. OF DATA : 2795
NO. OF POSITIONS : 87



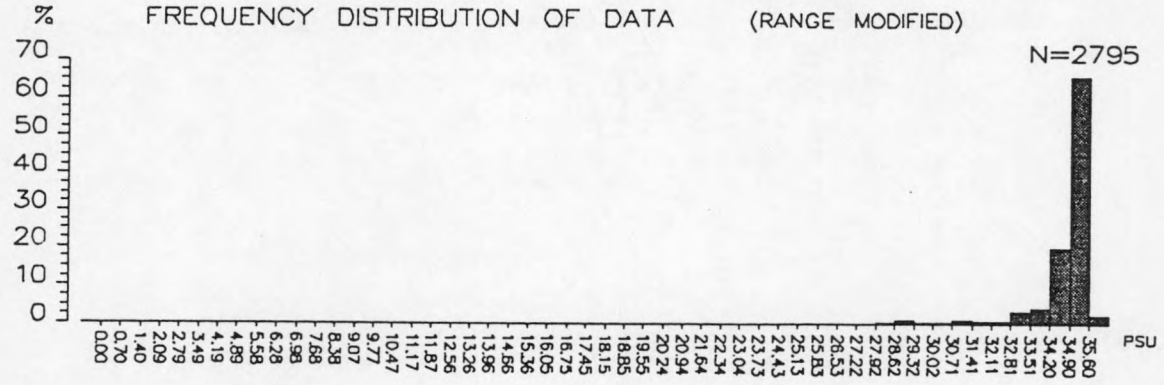
NO. OF DATA/AREA :
(without longterm data series !)

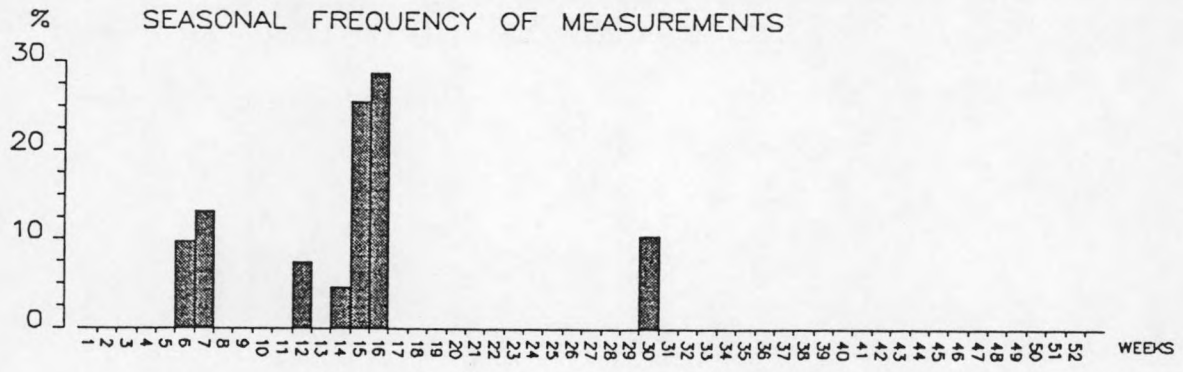
<	2269	<	972
<	1944	<	648
<	1620	<	324
<	1296	=	0

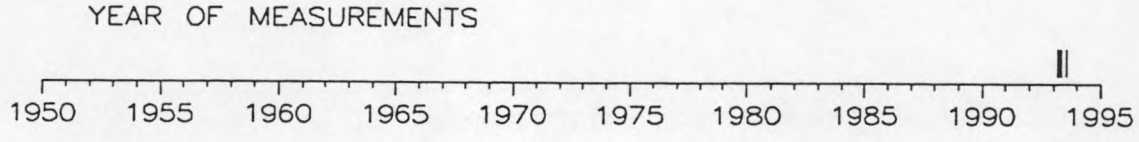
MINIMUM : 25.71
MAXIMUM : 35.75

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020101

ENAME : CRESO / Castaing, P.,

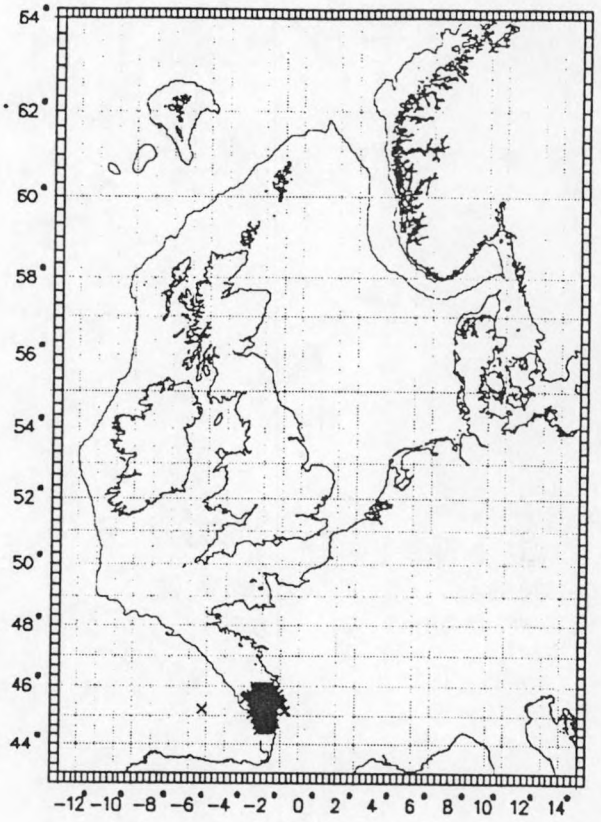
UNITS : PSU

NO. OF POSITIONS : 212

NO. OF DATA : 15389

MINIMUM : 4.22

MAXIMUM : 36.79



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

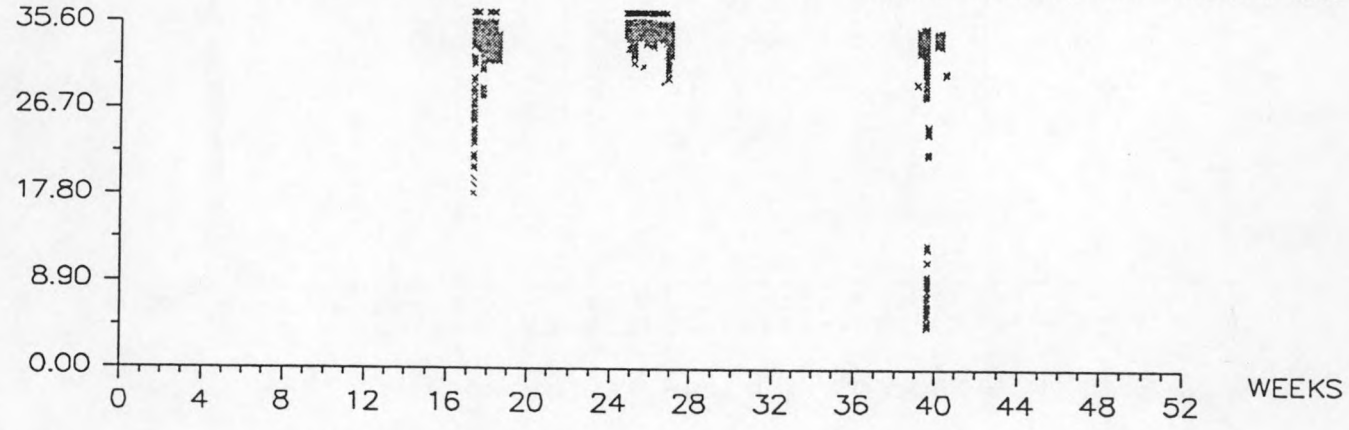
DEPTH–RANGE

UPPER : 0

LOWER : 2000

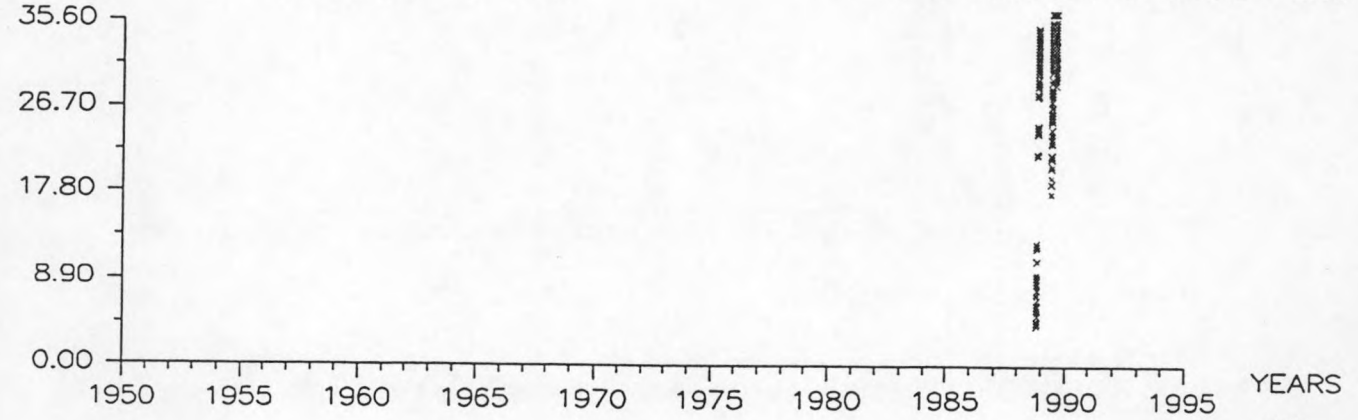
PSU ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 2988



PSU PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 2988

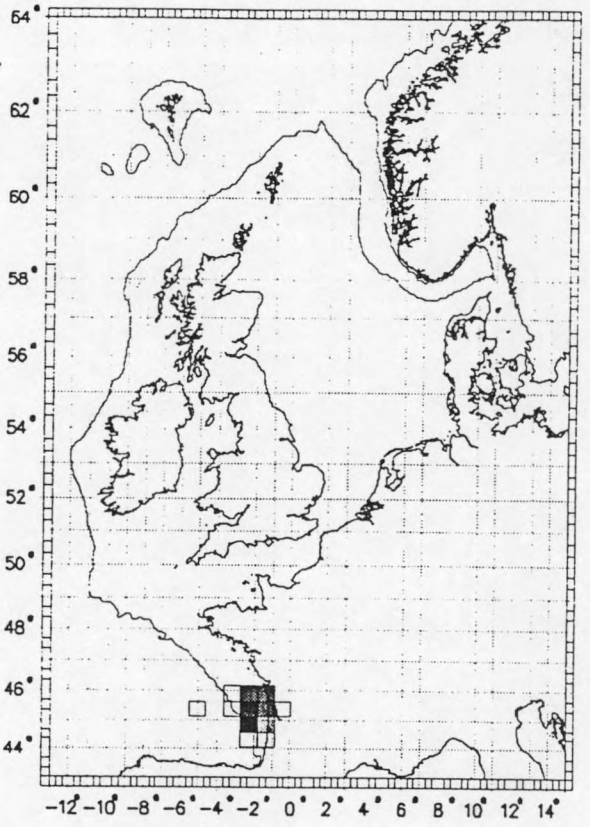


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020101
ENAME : CRESO / Castaing, P., .
UNITS : PSU
NO. OF DATA : 15389
NO. OF POSITIONS : 212



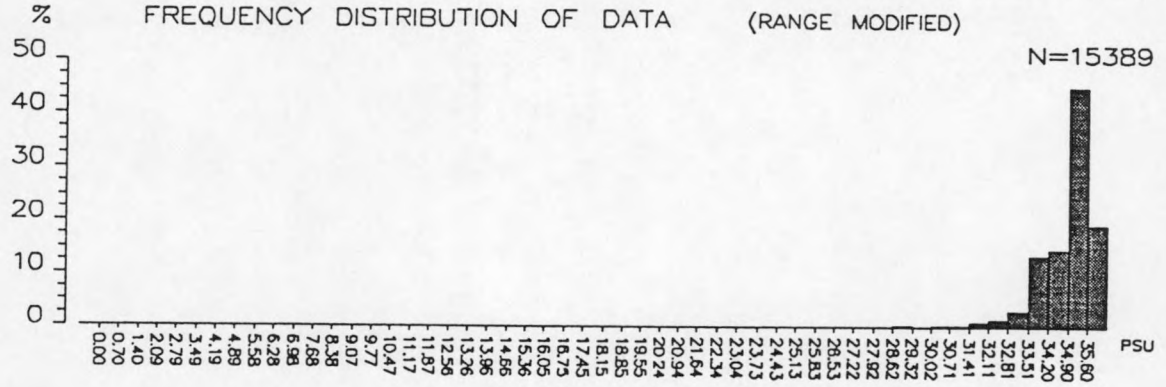
NO. OF DATA/AREA :
(without longterm data series !)

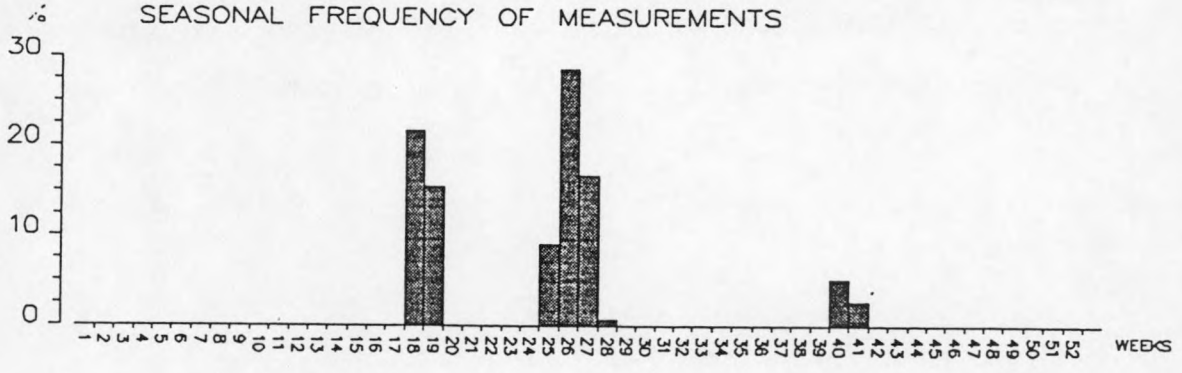
<	4967	<	2128
<	4257	<	1419
<	3547	<	709
<	2838	=	0

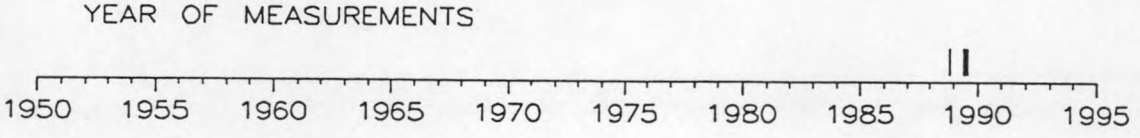
MINIMUM : 4.22
MAXIMUM : 36.79

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





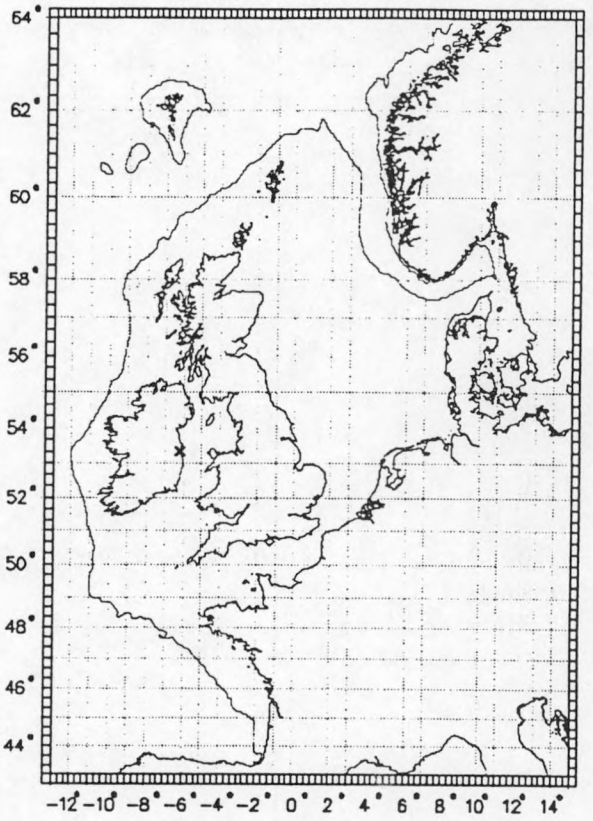


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

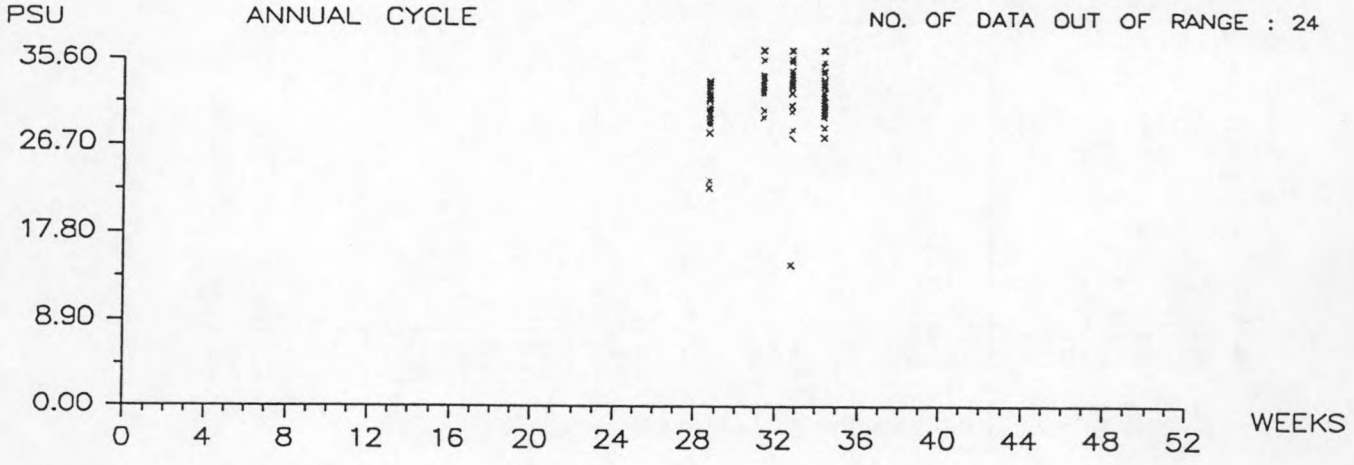
PCODE : 1002021101
ENAME : ESU/Wilson, J.
UNITS : PSU
NO. OF POSITIONS : 2
NO. OF DATA : 291
MINIMUM : 14.50
MAXIMUM : 36.70

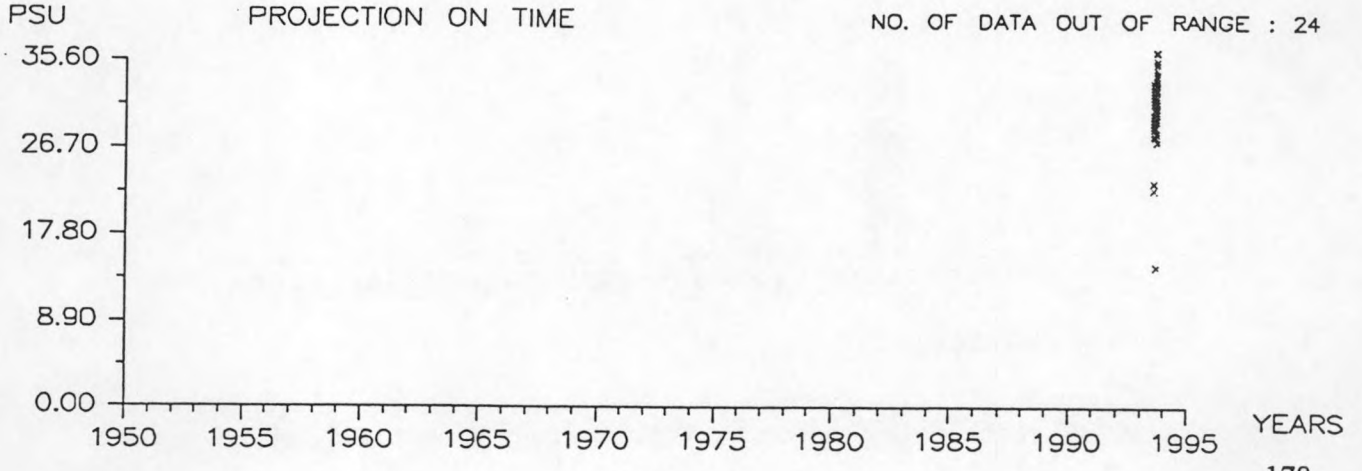


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

NO. OF DATA OUT OF RANGE : 24



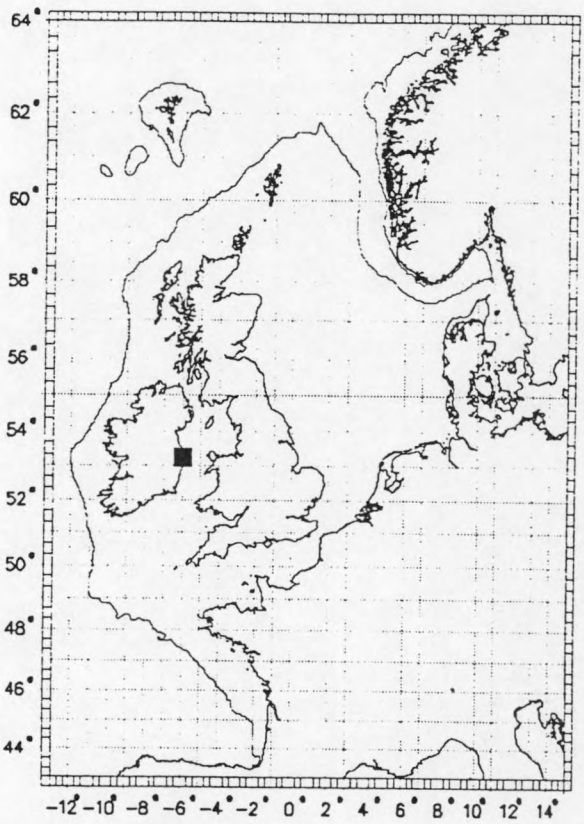


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002021101
ENAME : ESU/Wilson, J.
UNITS : PSU
NO. OF DATA : 291
NO. OF POSITIONS : 2



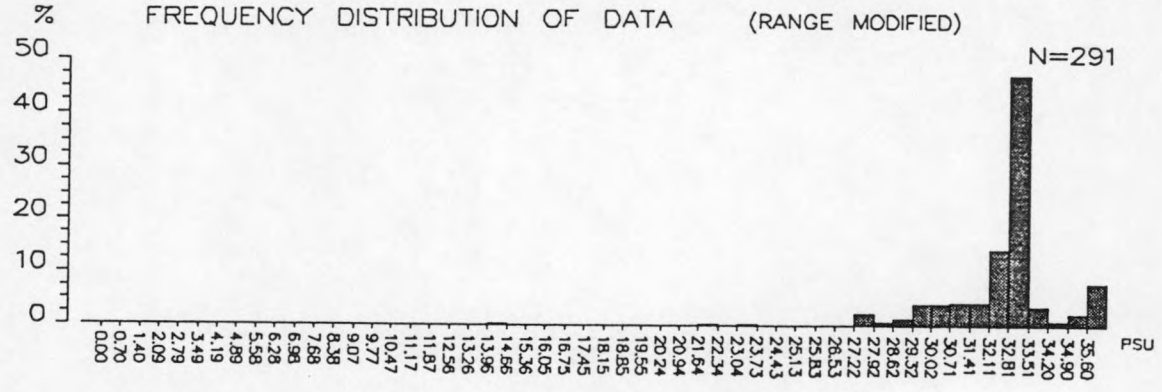
NO. OF DATA/AREA :
(without longterm data series !)

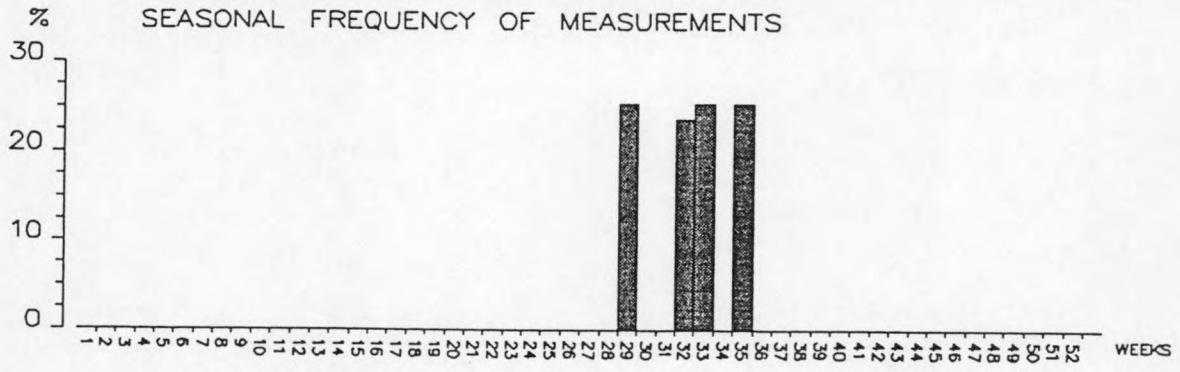
< 291	< 124
< 249	< 83
< 207	< 41
< 166	= 0

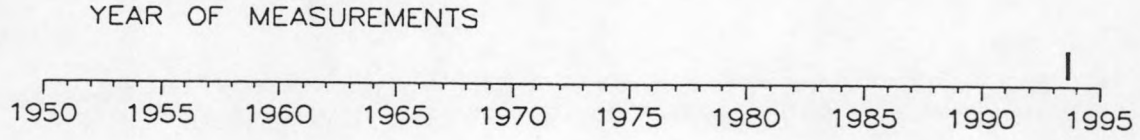
MINIMUM : 14.50
MAXIMUM : 36.70

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

SALINITY

PCODE : 1002020301

ENAME : Lammers, S.

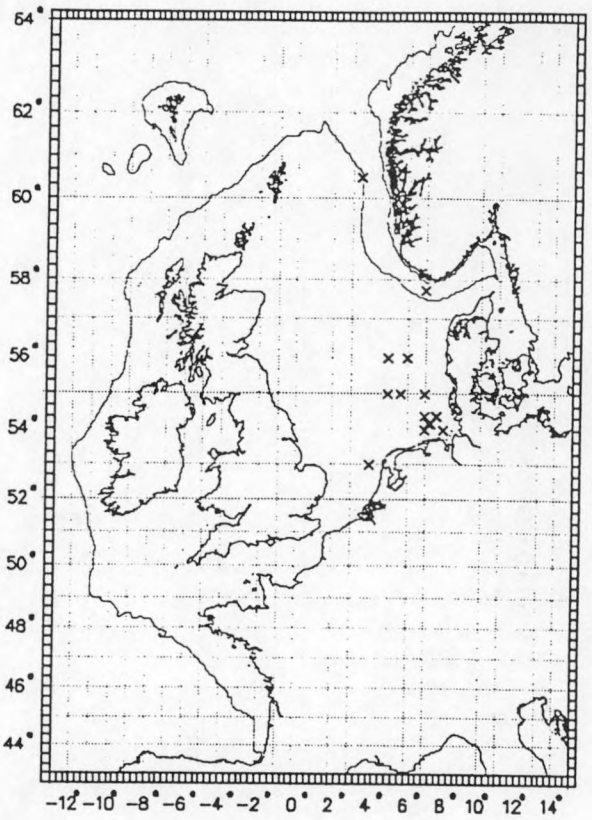
UNITS : PSU

NO. OF POSITIONS : 26

NO. OF DATA : 163

MINIMUM : 28.81

MAXIMUM : 35.36



MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

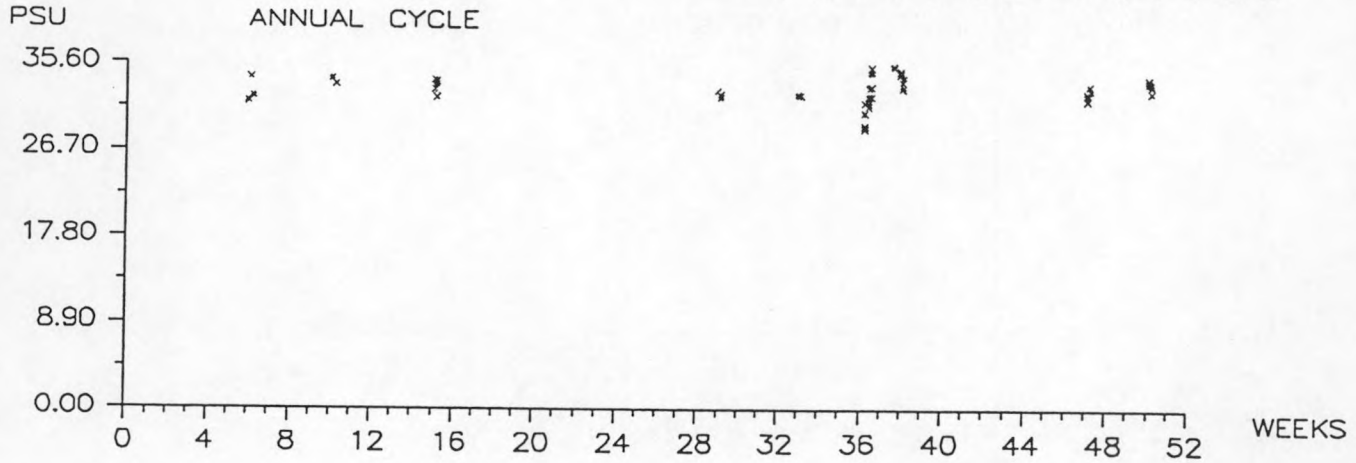
FIRST WEEK : 1

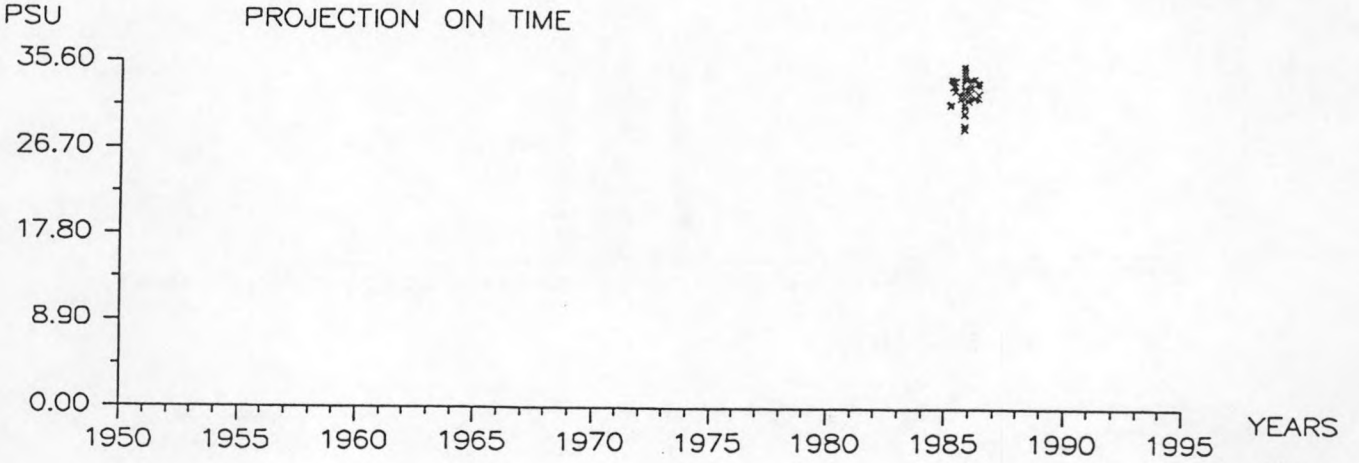
LAST WEEK : 53

DEPTH—RANGE

UPPER : 0

LOWER : 2000



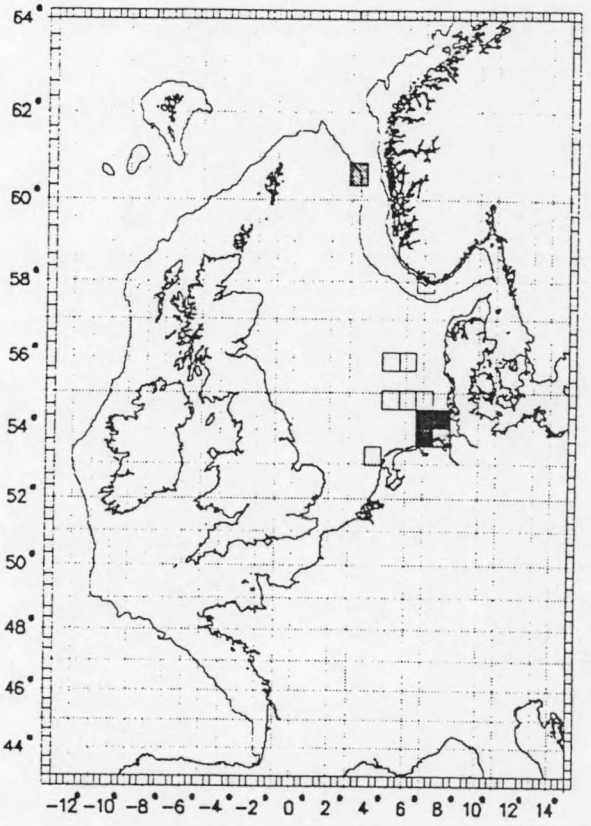


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020301
ENAME : Lammers, S.
UNITS : PSU
NO. OF DATA : 163
NO. OF POSITIONS : 26



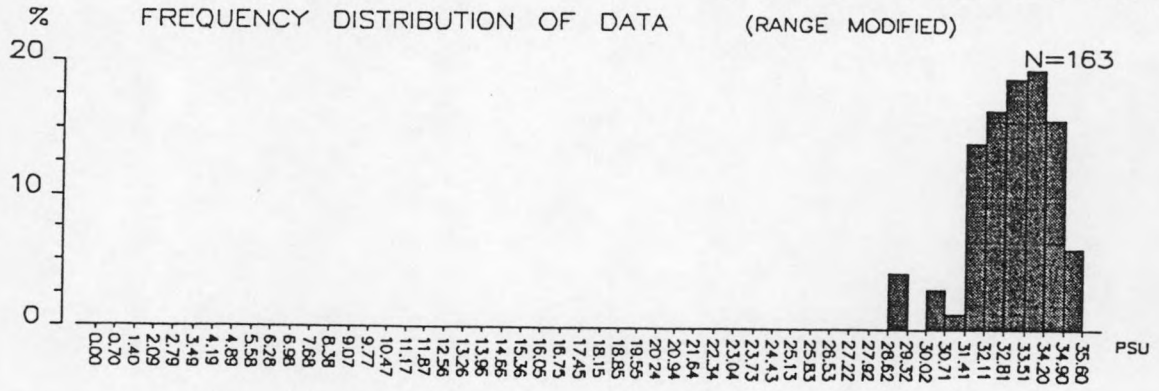
NO. OF DATA/AREA :
(without longterm data series !)

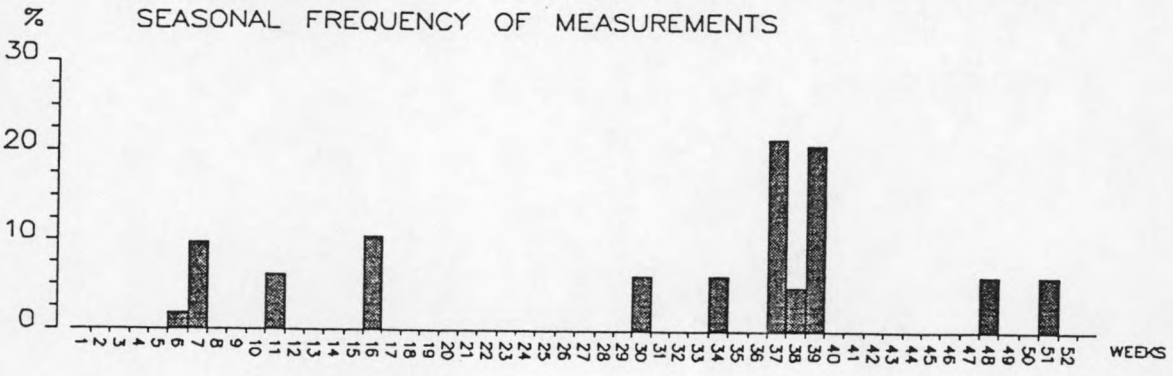
<	50	<	21
<	42	<	14
<	35	<	7
<	28	=	0

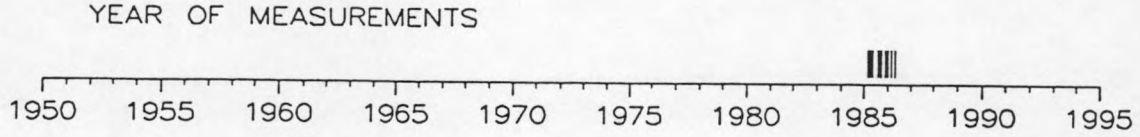
MINIMUM : 28.81
MAXIMUM : 35.36

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020401

ENAME : Lammers, S.

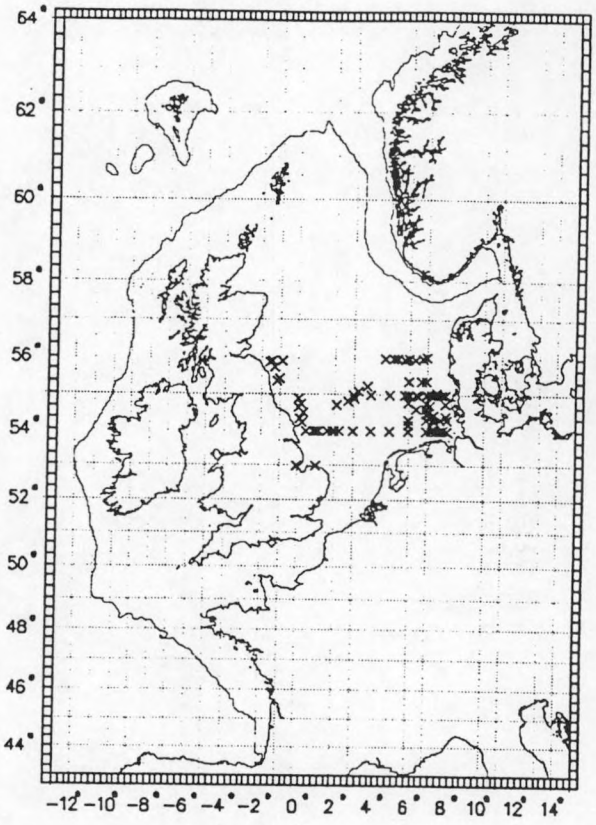
UNITS : PSU

NO. OF POSITIONS : 103

NO. OF DATA : 287

MINIMUM : 27.60

MAXIMUM : 34.40



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

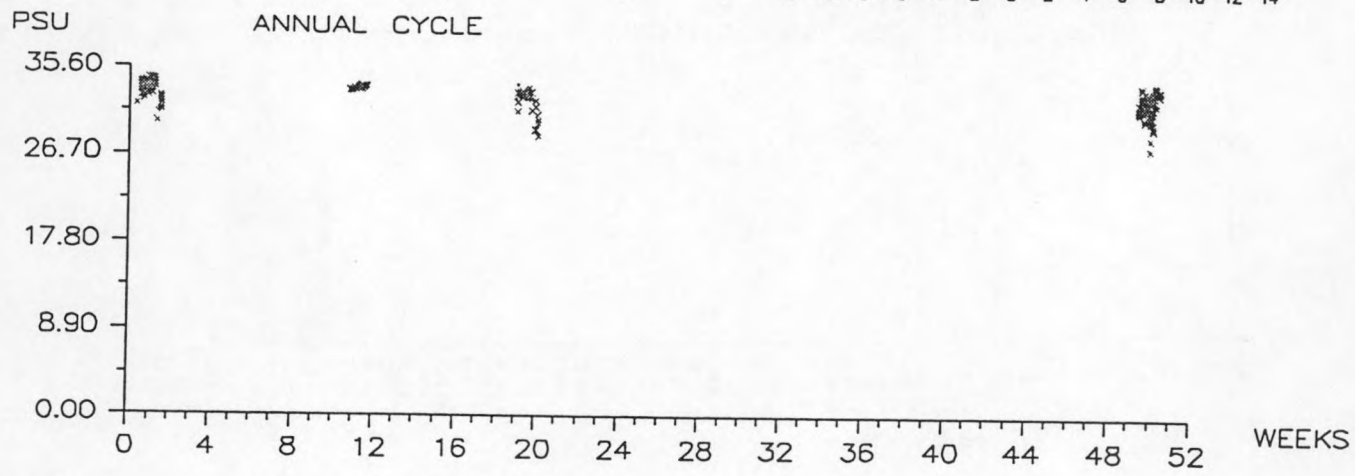
FIRST WEEK : 1

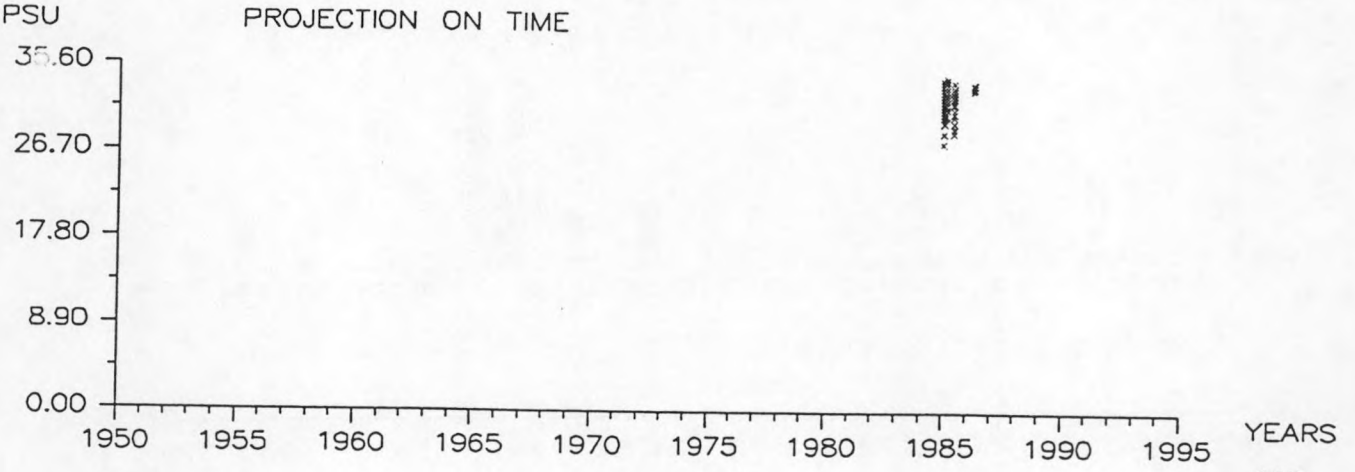
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



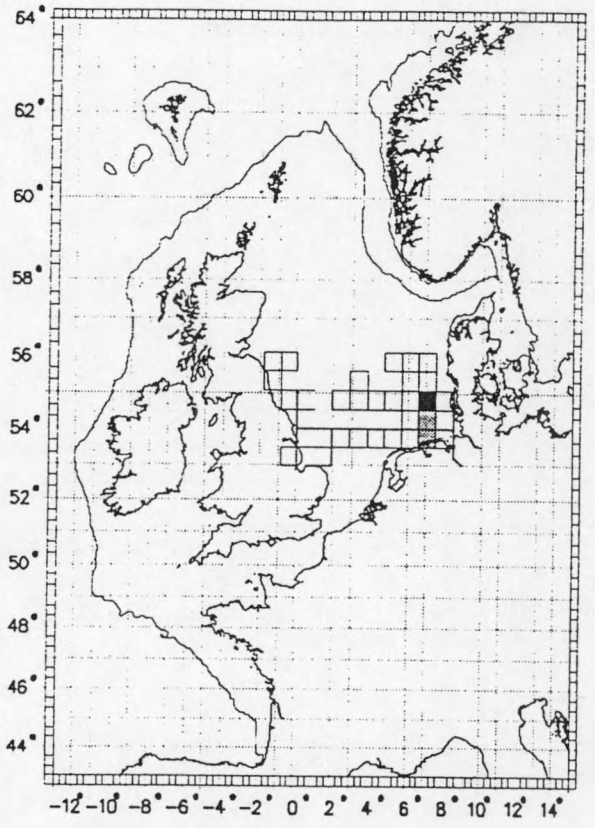


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020401
ENAME : Lammers, S.
UNITS : PSU
NO. OF DATA : 287
NO. OF POSITIONS : 103



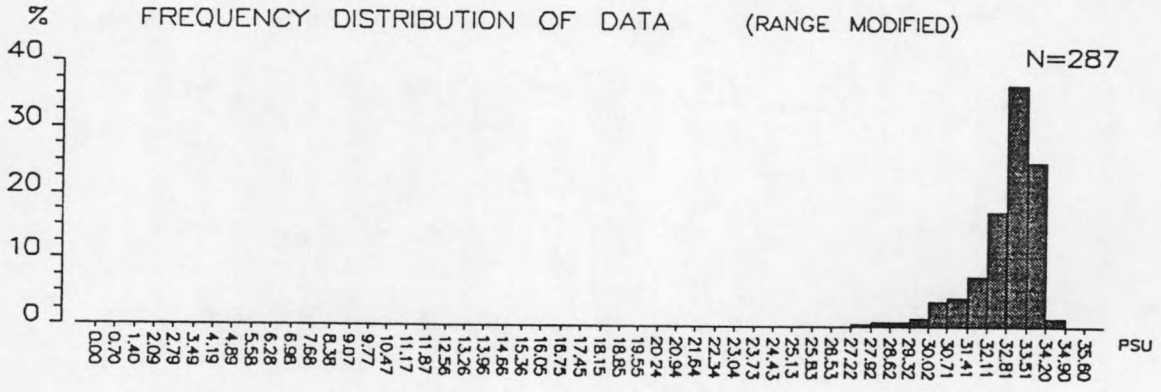
NO. OF DATA/AREA :
(without longterm data series !)

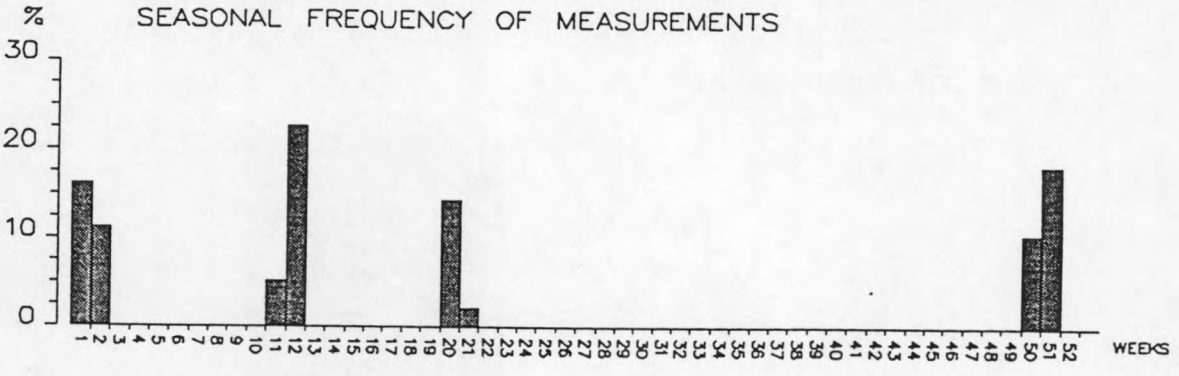
< 100	< 42
< 85	< 28
< 71	< 14
< 57	= 0

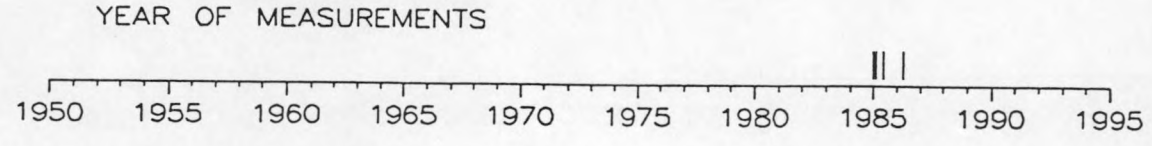
MINIMUM : 27.60
MAXIMUM : 34.40

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : HELCOM

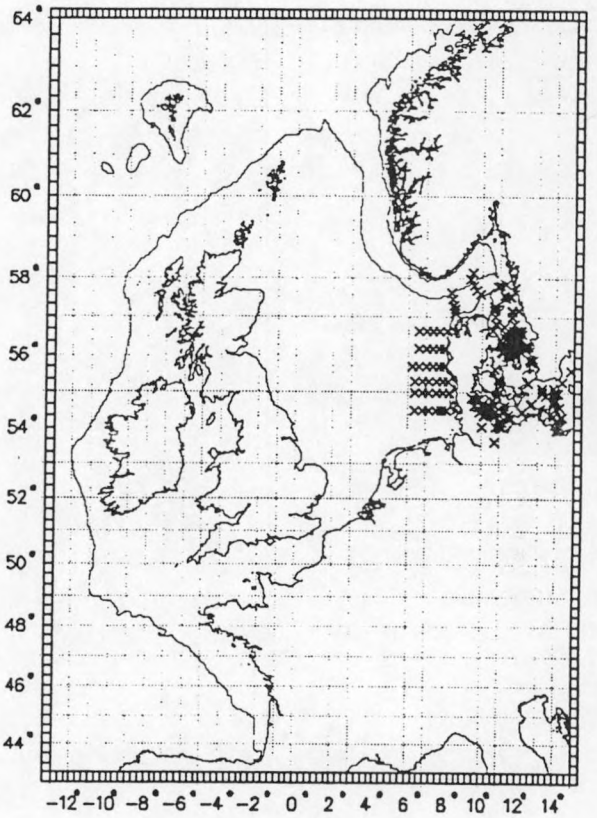
UNITS : PSU

NO. OF POSITIONS : 243

NO. OF DATA : 15861

MINIMUM : 1.98

MAXIMUM : 39.95



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

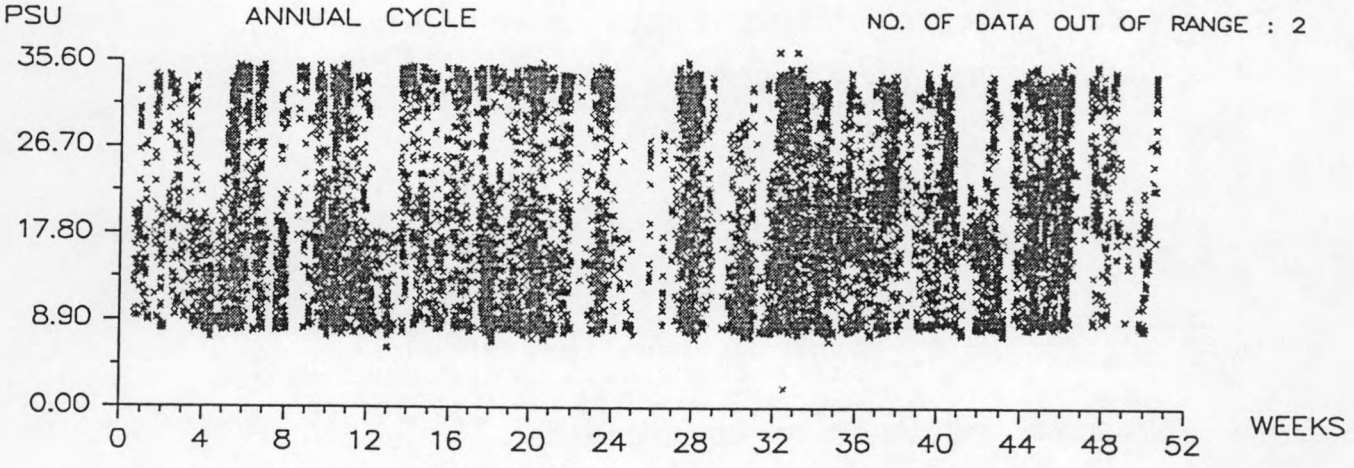
LAST WEEK : 53

DEPTH–RANGE

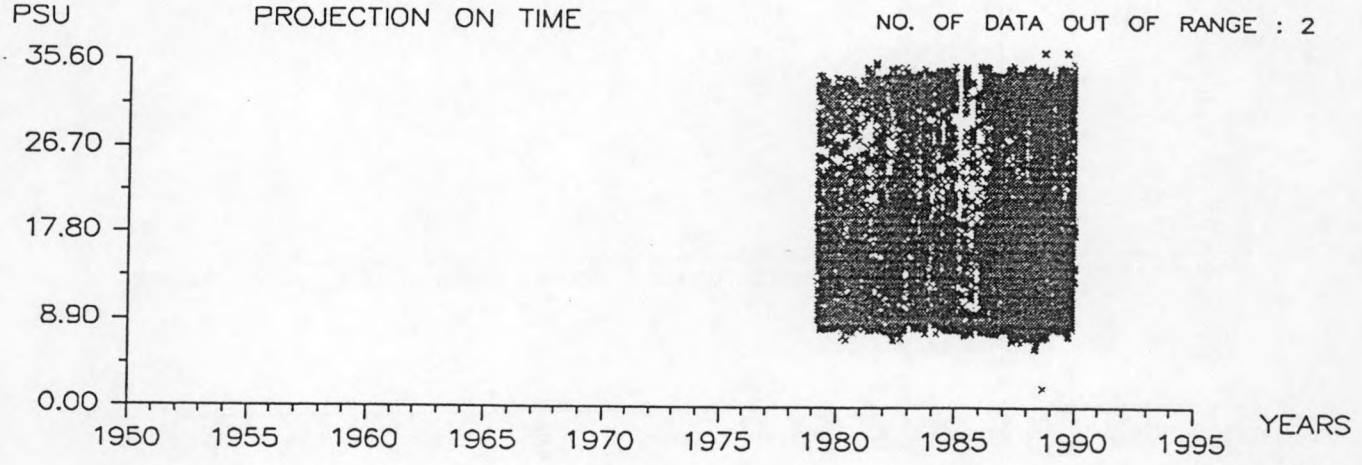
UPPER : 0

LOWER : 2000

NO. OF DATA OUT OF RANGE : 2



NO. OF DATA OUT OF RANGE : 2



ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : HELCOM
UNITS : PSU
NO. OF DATA : 15861
NO. OF POSITIONS : 243

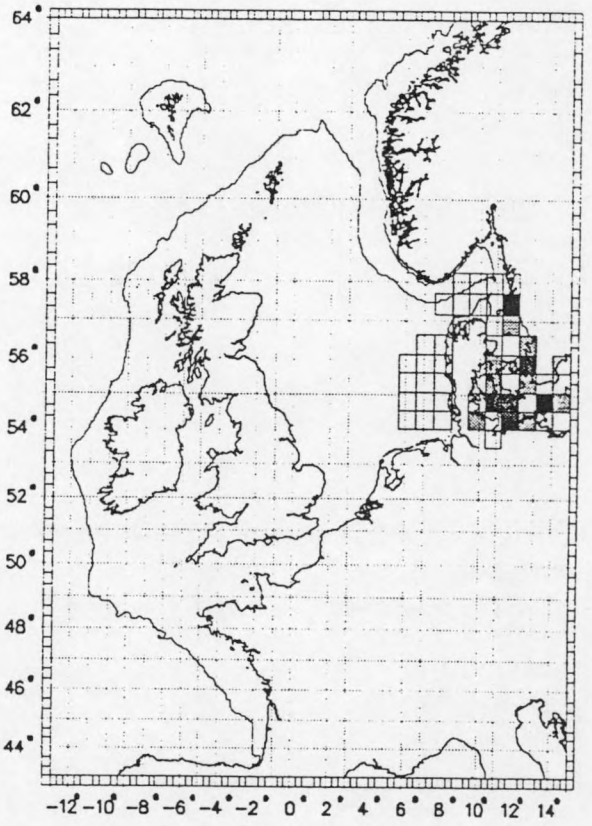
NO. OF DATA/AREA :
(without longterm data series !)

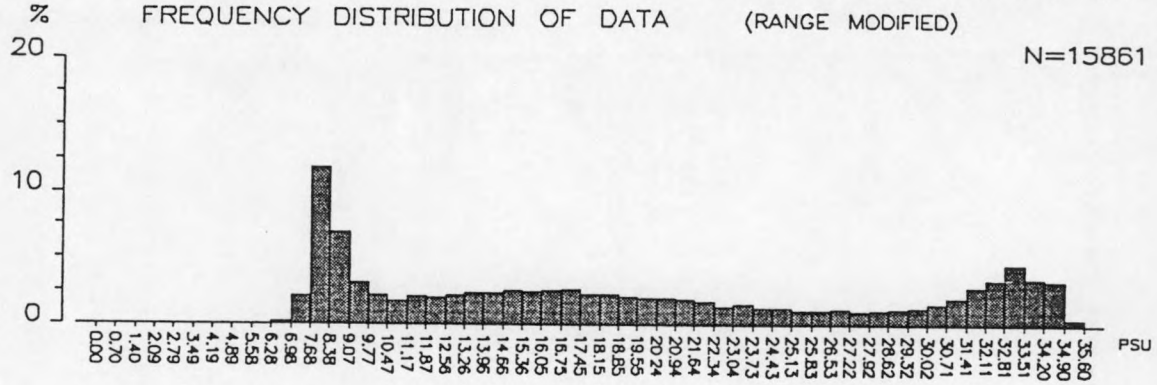
<	2784	<	1193
<	2386	<	795
<	1988	<	397
<	1590	=	0

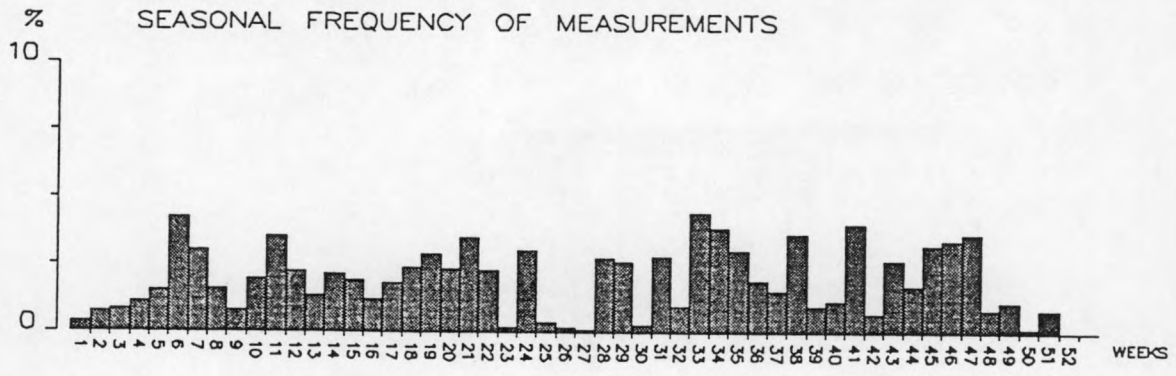
MINIMUM : 1.98
MAXIMUM : 39.95

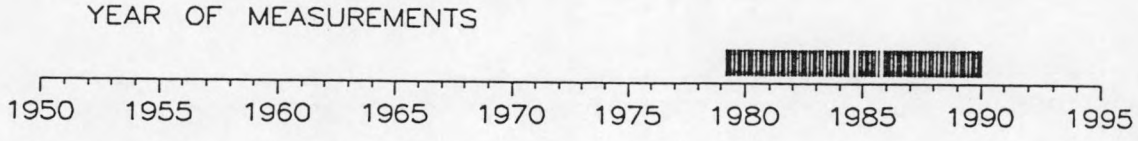
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000









ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : ICES

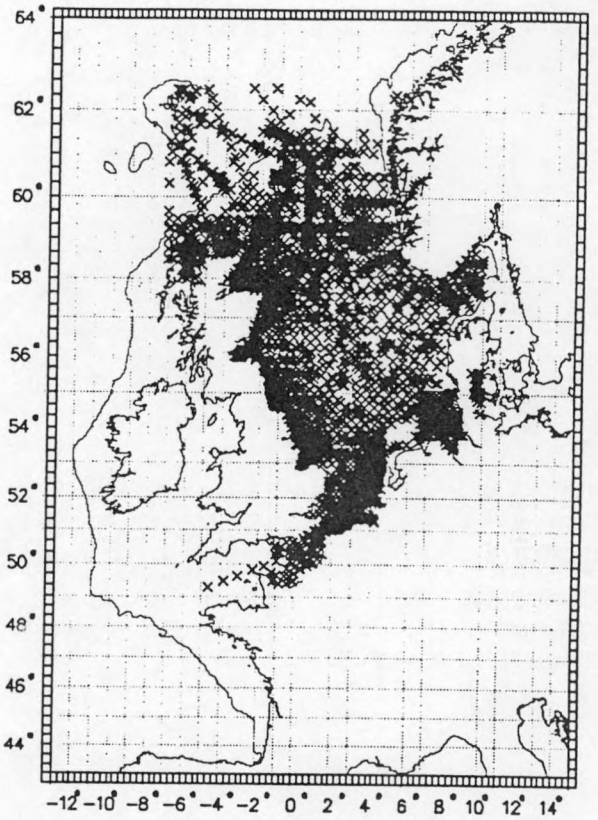
UNITS : PSU

NO. OF POSITIONS : 4557

NO. OF DATA : 30882

MINIMUM : 0.37

MAXIMUM : 35.68



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

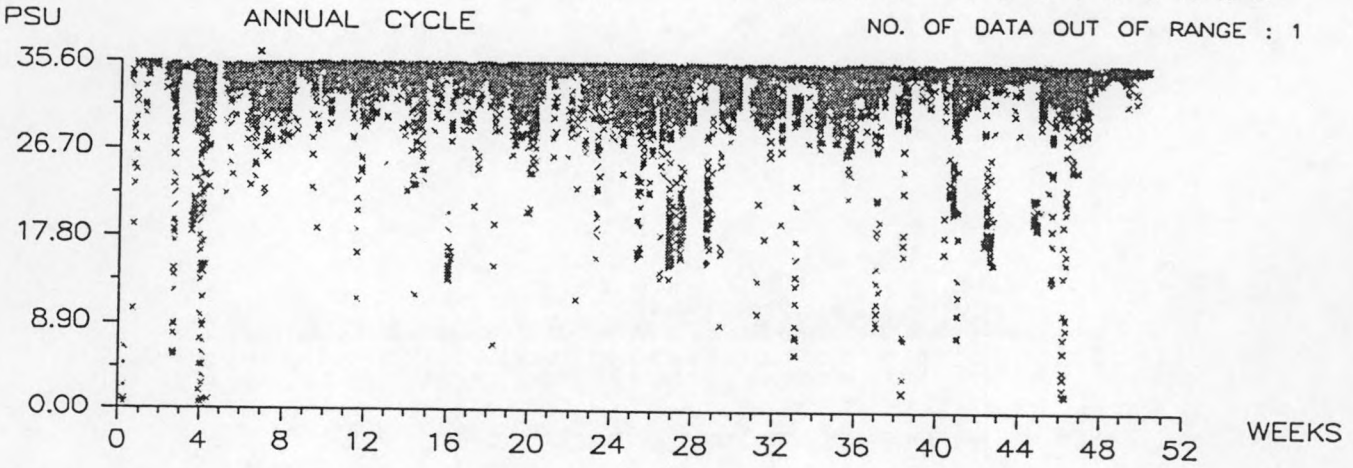
LAST WEEK : 53

DEPTH–RANGE

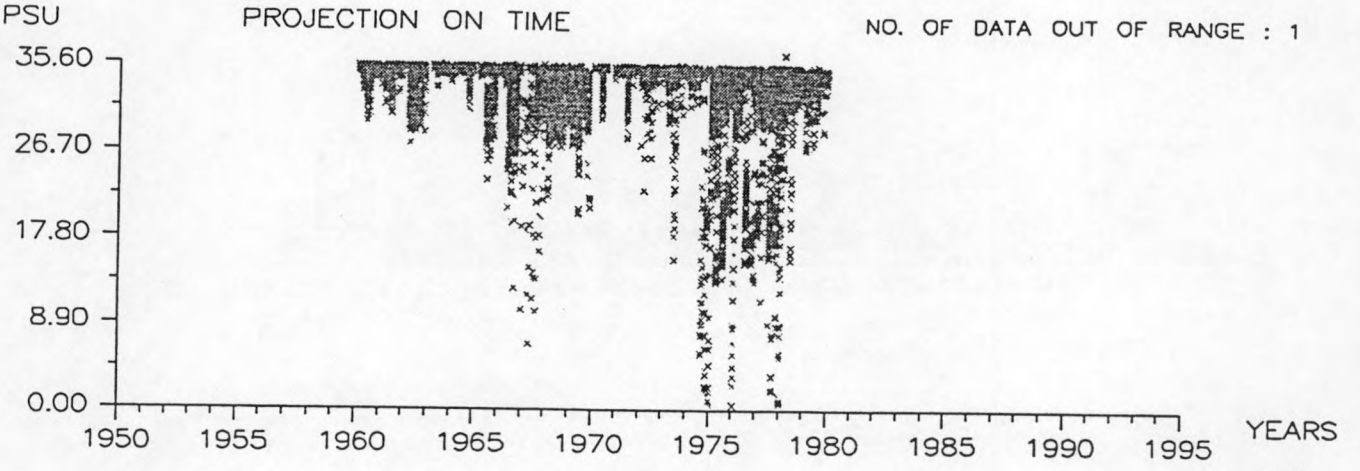
UPPER : 0

LOWER : 2000

NO. OF DATA OUT OF RANGE : 1



NO. OF DATA OUT OF RANGE : 1

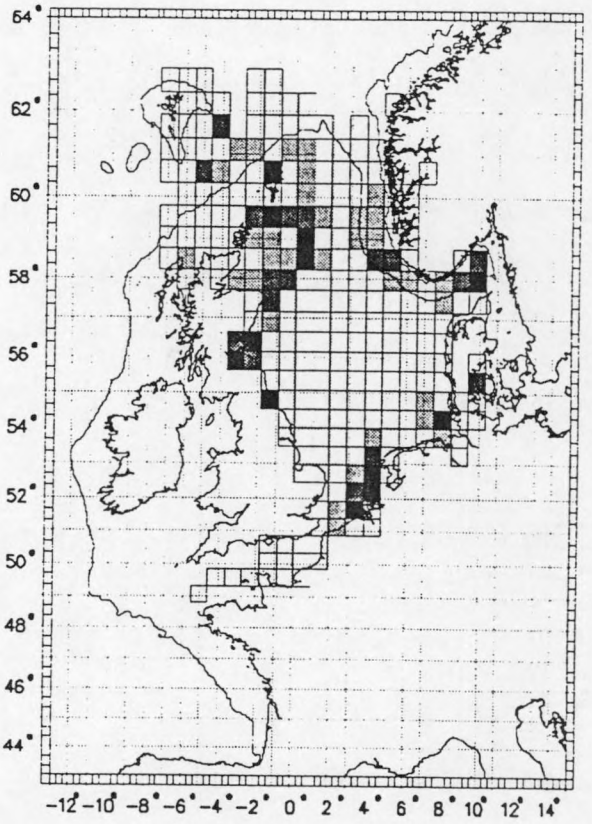


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : ICES
UNITS : PSU
NO. OF DATA : 30882
NO. OF POSITIONS : 4557



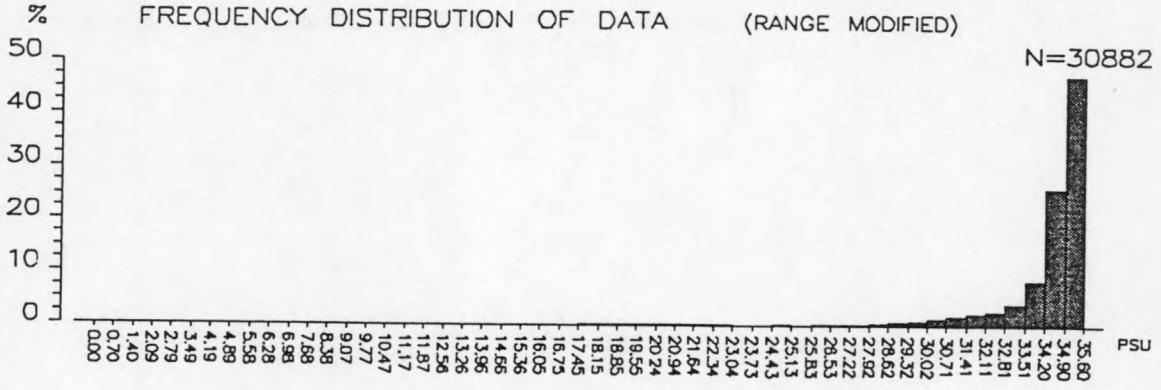
NO. OF DATA/AREA :
(without longterm data series !)

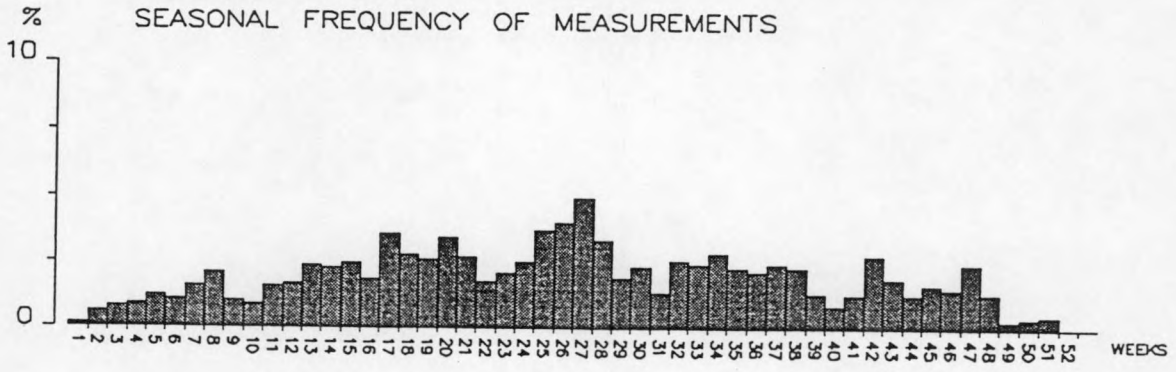
<	1107	<	474
<	948	< < <	316
<	790		158
<	632	=	0

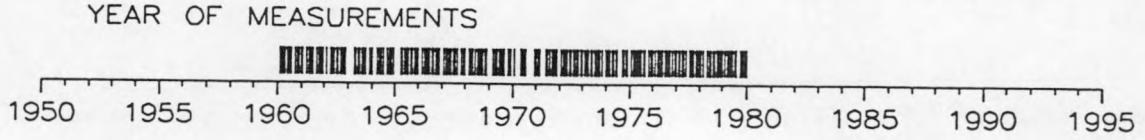
MINIMUM : 0.37
MAXIMUM : 35.68

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020101

ENAME : IFM/Radach, G., Univ. .

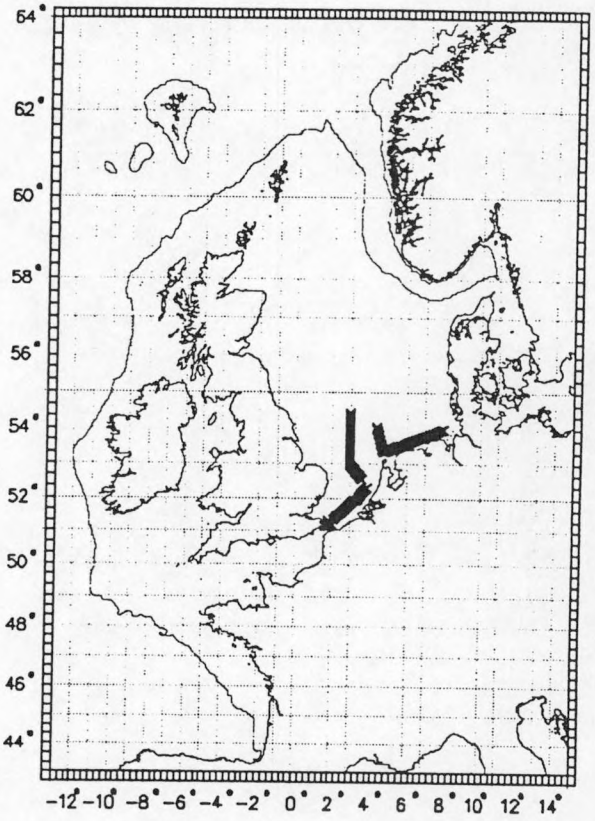
UNITS : PSU

NO. OF POSITIONS : 2941

NO. OF DATA : 3874

MINIMUM : 29.65

MAXIMUM : 36.13



NO. OF DATA OUT OF RANGE : 1075

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

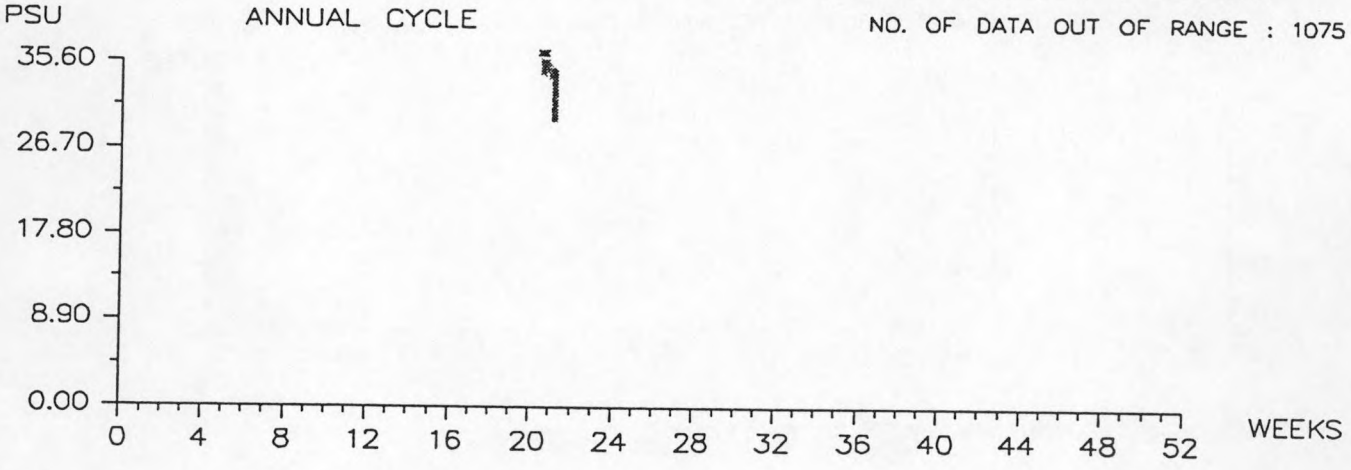
FIRST WEEK : 1

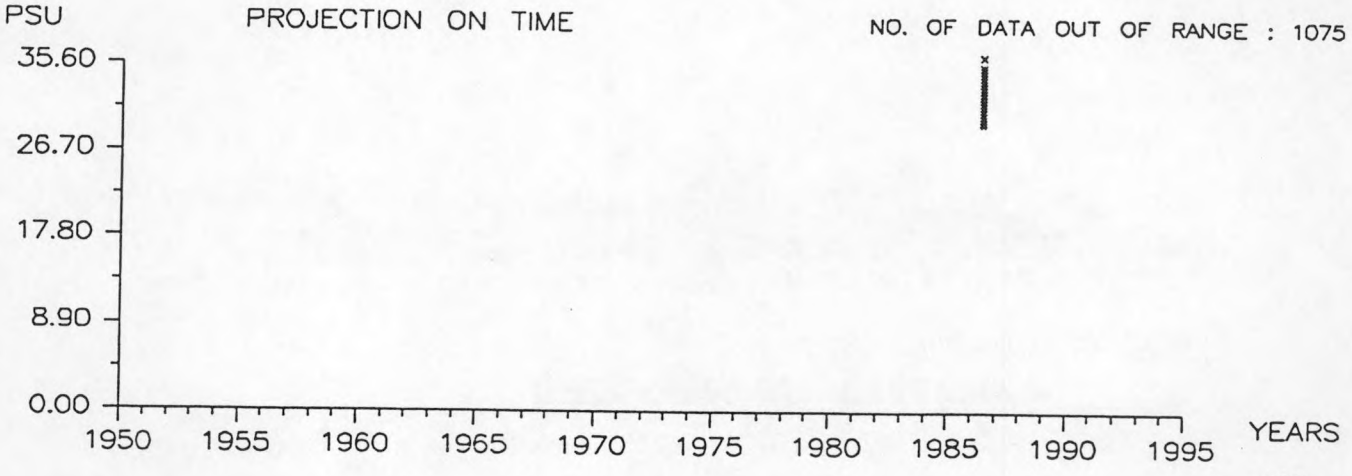
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



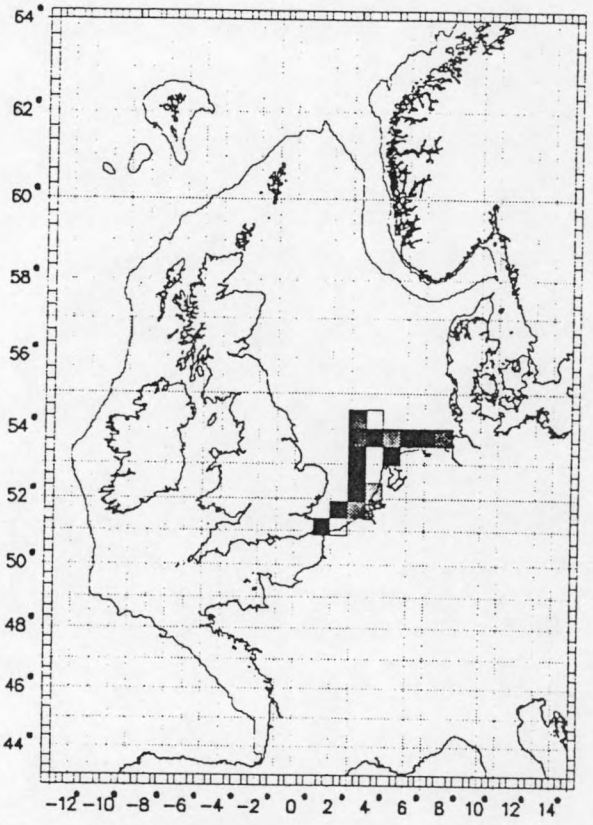


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020101
ENAME : IFM/Radach, G., Univ. .
UNITS : PSU
NO. OF DATA : 3874
NO. OF POSITIONS : 2941



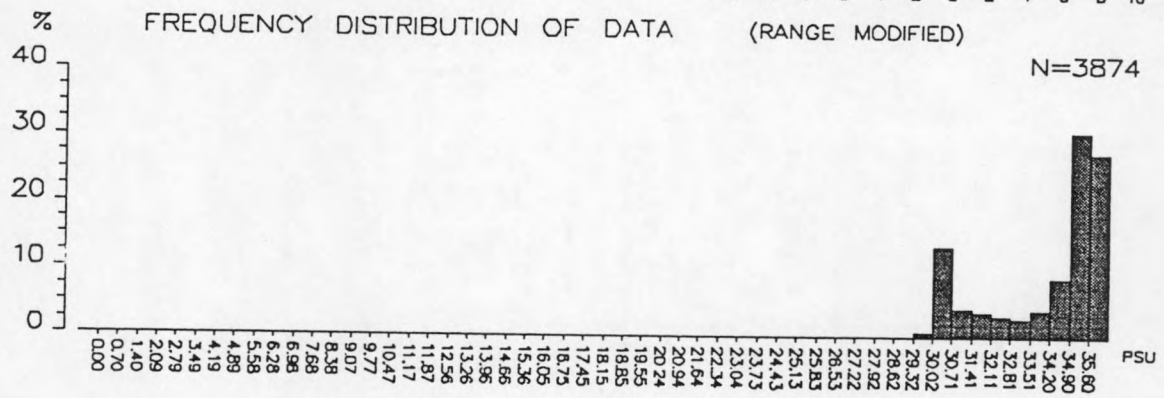
NO. OF DATA/AREA :
(without longterm data series !)

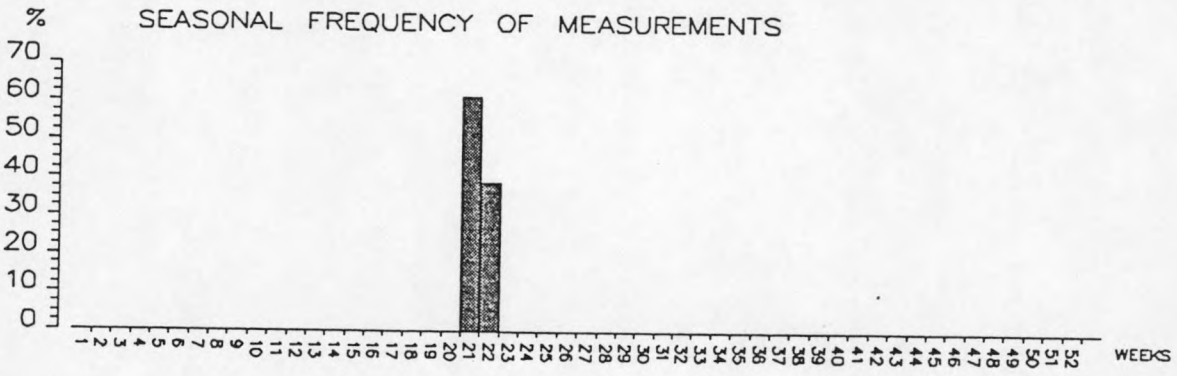
< 402	< 172
< 344	< 114
< 287	< 57
< 229	= 0

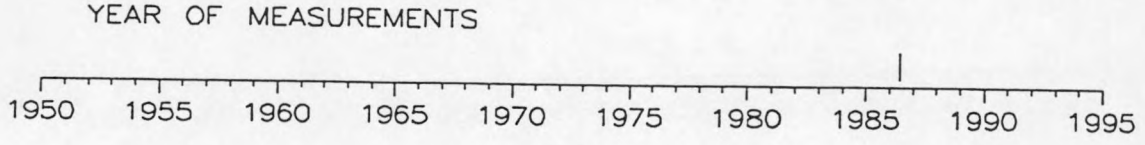
MINIMUM : 29.65
MAXIMUM : 36.13

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





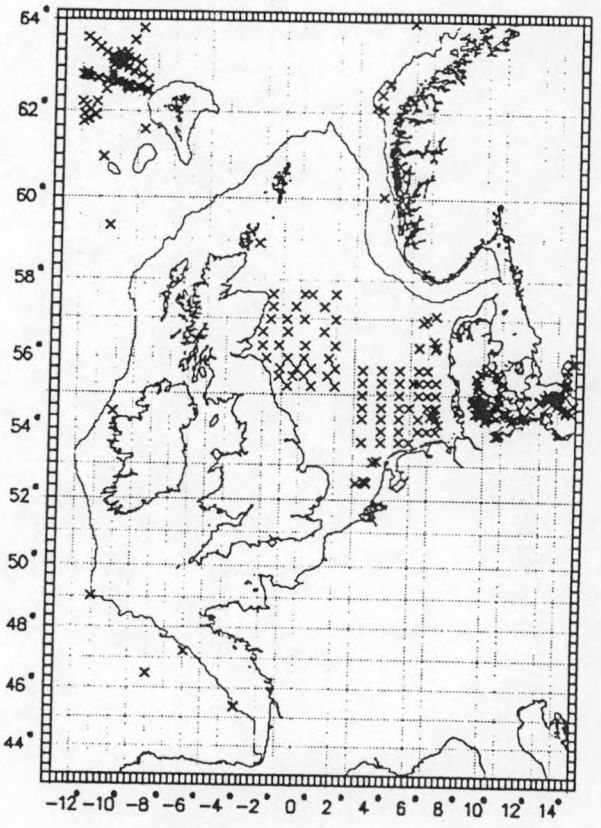


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

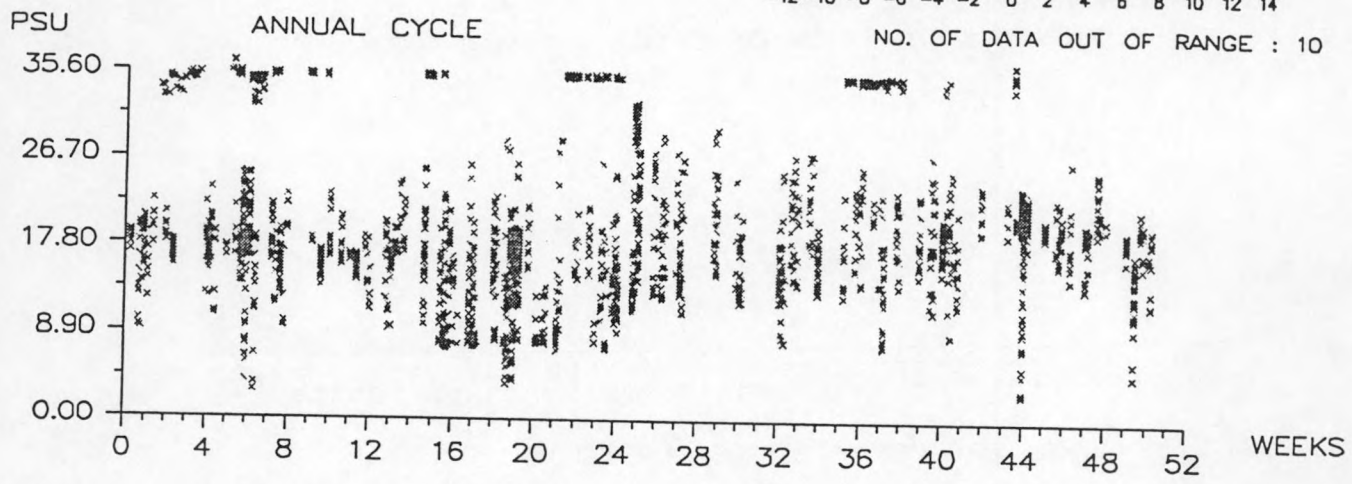
SALINITY

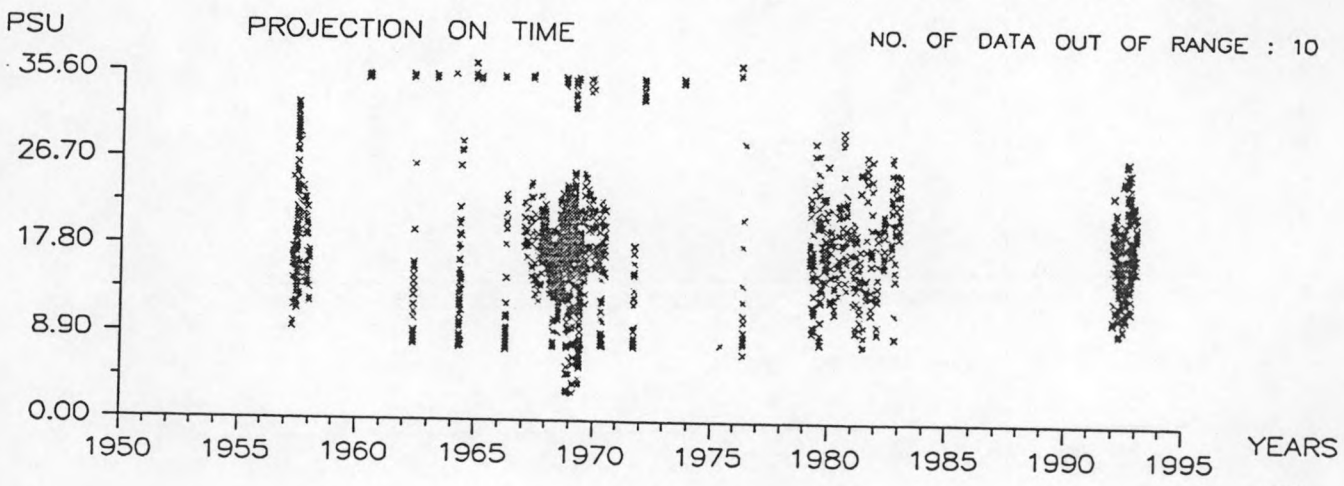
PCODE : 1002020001
ENAME : IFMKI
UNITS : PSU
NO. OF POSITIONS : 323
NO. OF DATA : 4496
MINIMUM : 2.80
MAXIMUM : 35.79



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



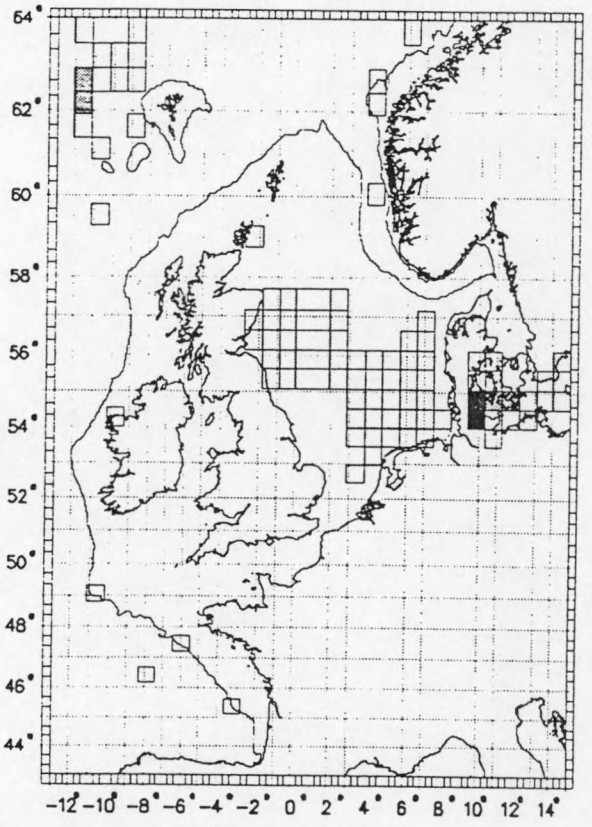


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : IFMKI
UNITS : PSU
NO. OF DATA : 4496
NO. OF POSITIONS : 323



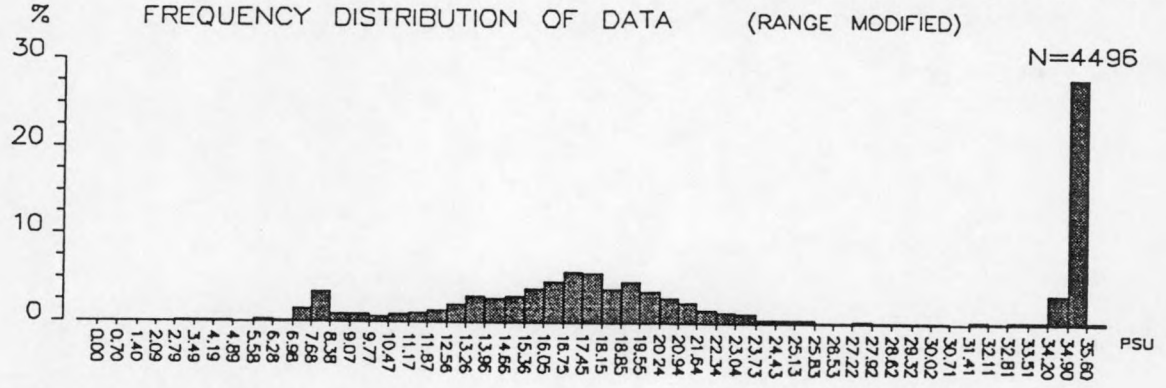
NO. OF DATA/AREA :
(without longterm data series !)

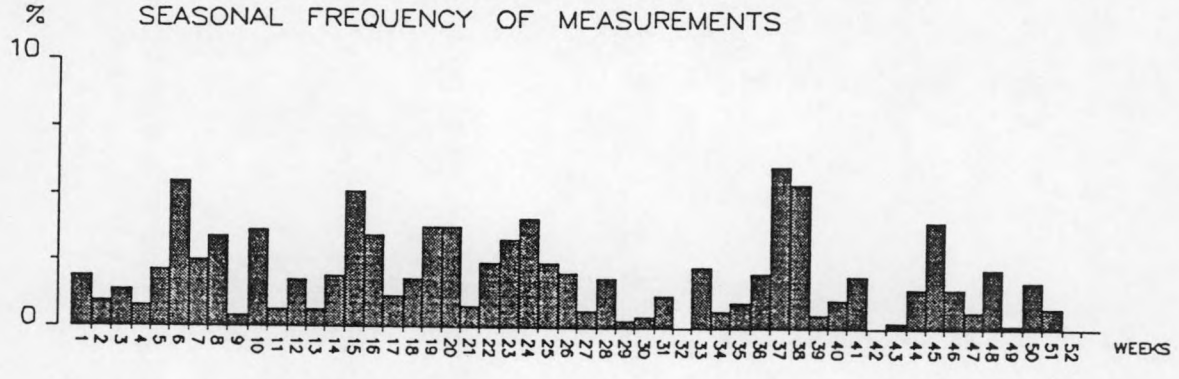
<	1446	<	619
<	1239	<	413
<	1032	<	206
<	826	=	0

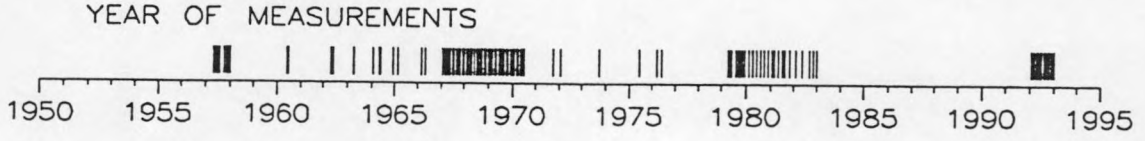
MINIMUM : 2.80
MAXIMUM : 35.79

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





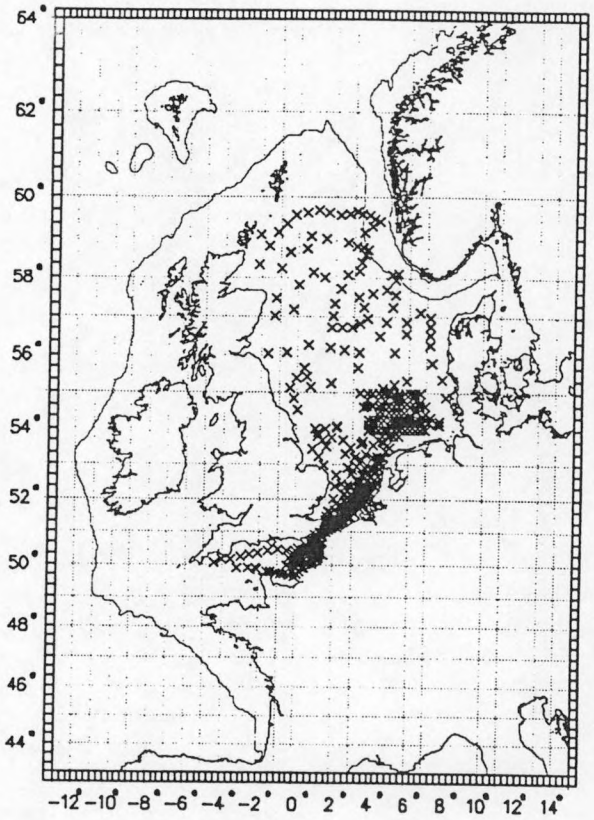


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

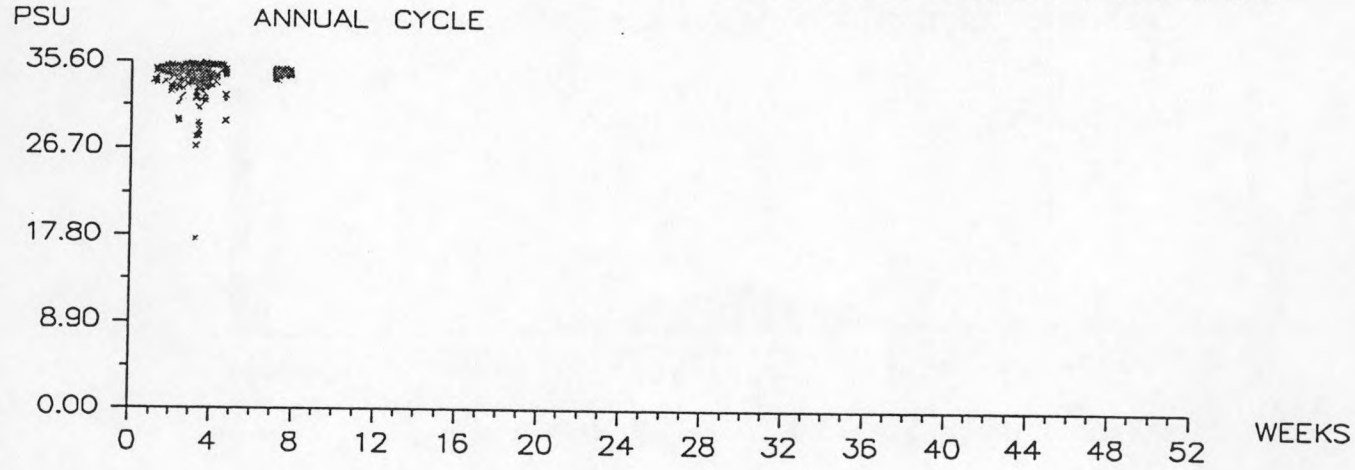
SALINITY

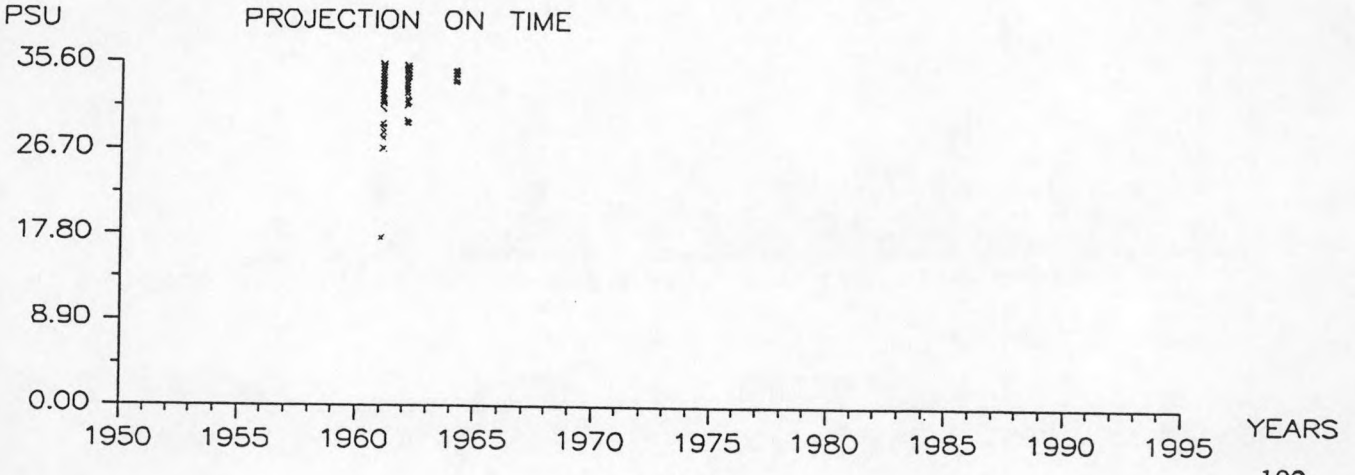
PCODE : 1002020001
ENAME : IHFHH
UNITS : PSU
NO. OF POSITIONS : 429
NO. OF DATA : 905
MINIMUM : 17.32
MAXIMUM : 35.37



MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000



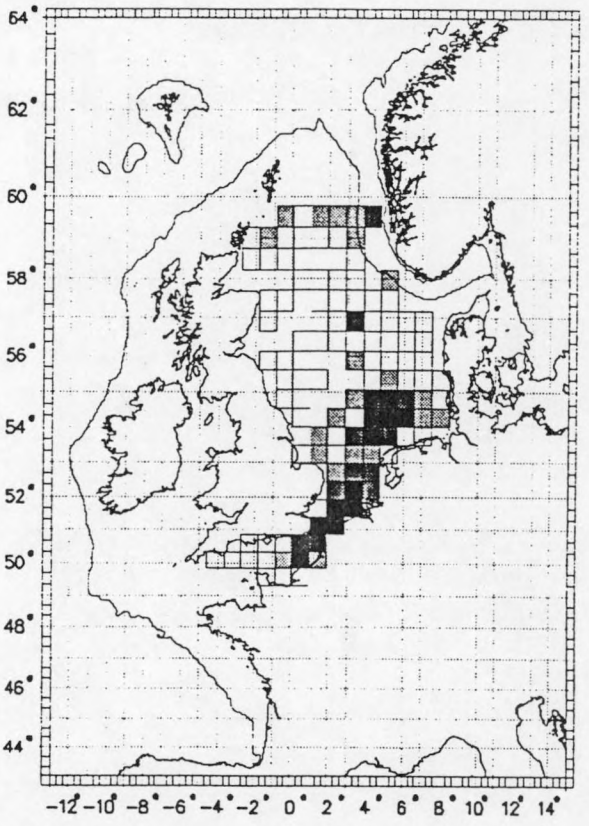


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : IHFHH
UNITS : PSU
NO. OF DATA : 905
NO. OF POSITIONS : 429



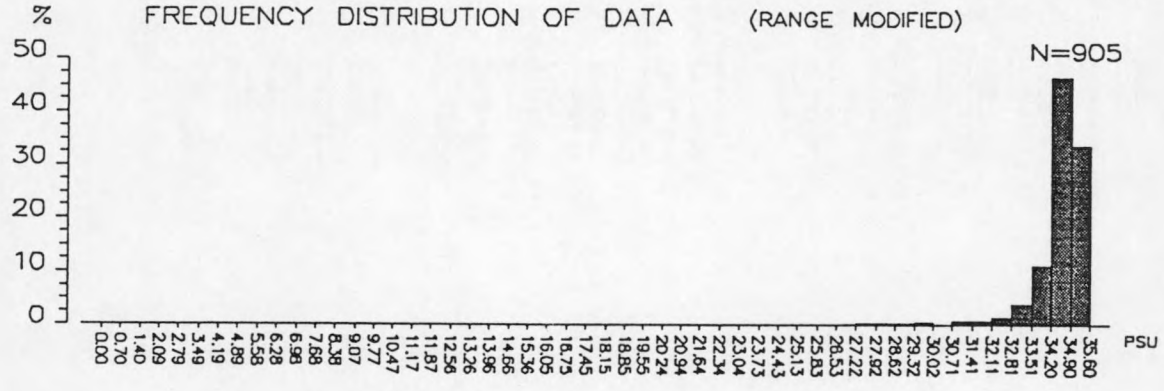
NO. OF DATA/AREA :
(without longterm data series !)

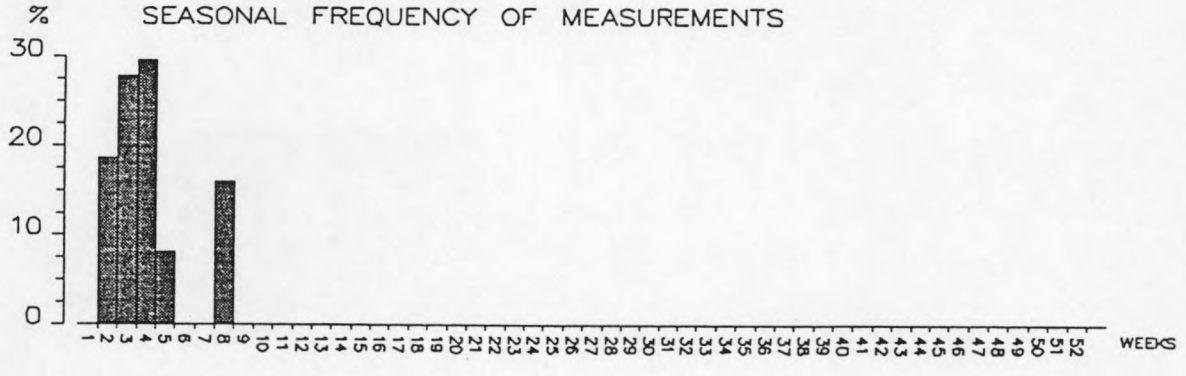
<	42	<	18
<	36	<	12
<	30	<	6
<	24	=	0

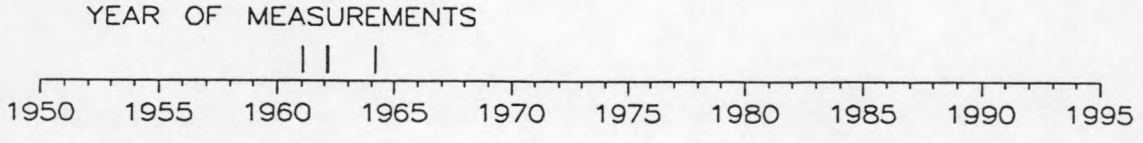
MINIMUM : 17.32
MAXIMUM : 35.37

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002023201

ENAME : IMR/Danielssen, D. S.

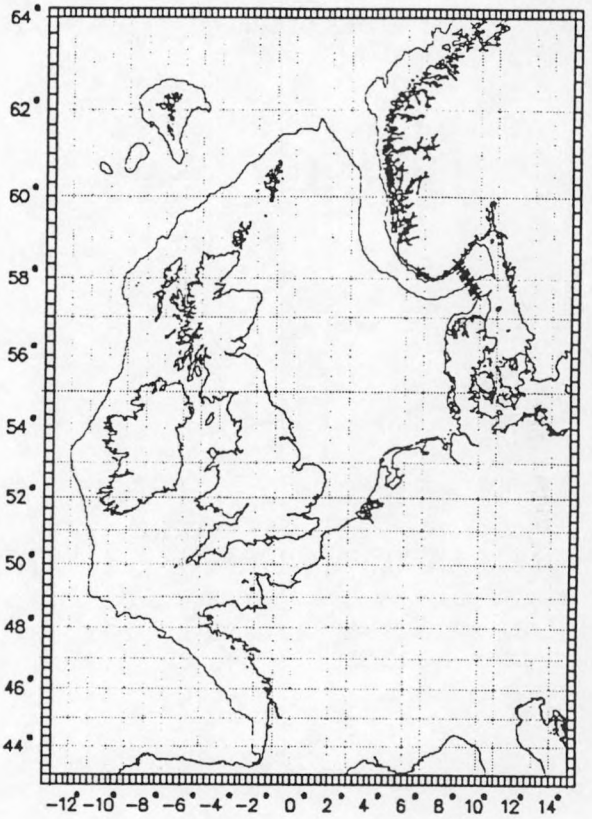
UNITS : PSU

NO. OF POSITIONS : 13

NO. OF DATA : 15151

MINIMUM : 10.17

MAXIMUM : 35.32



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

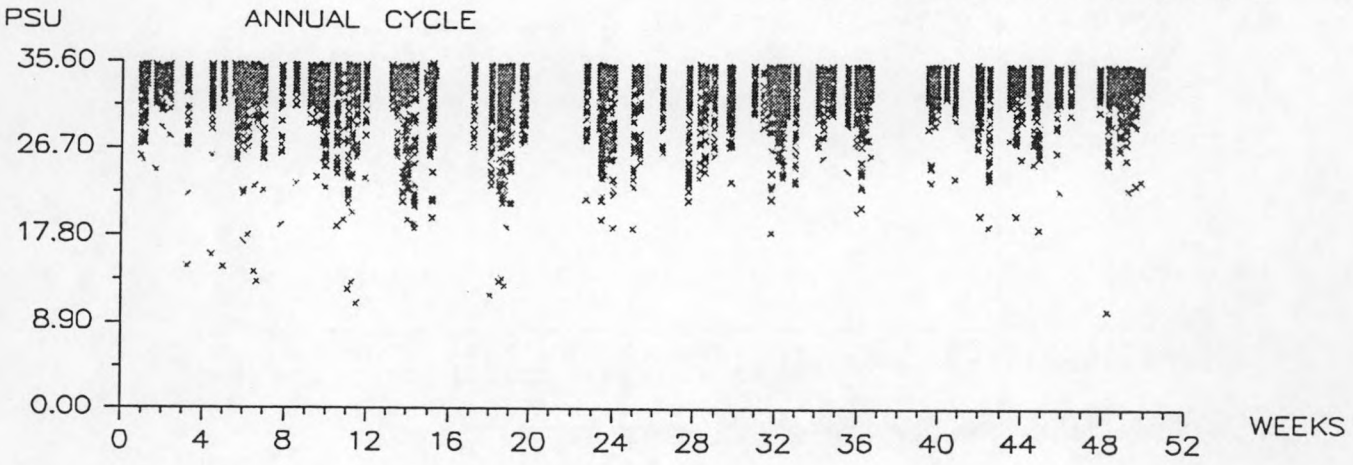
FIRST WEEK : 1

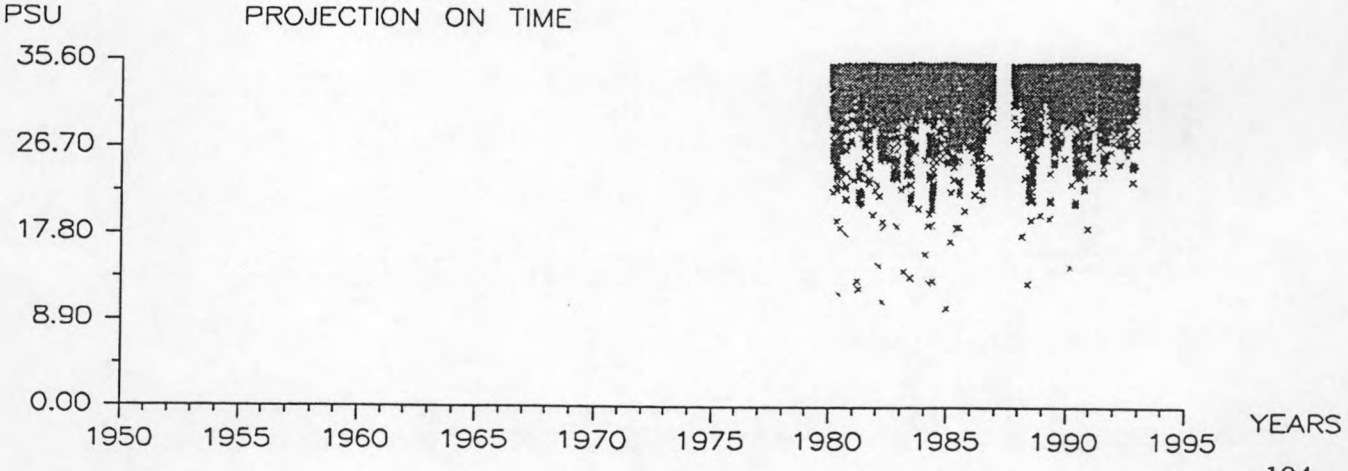
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



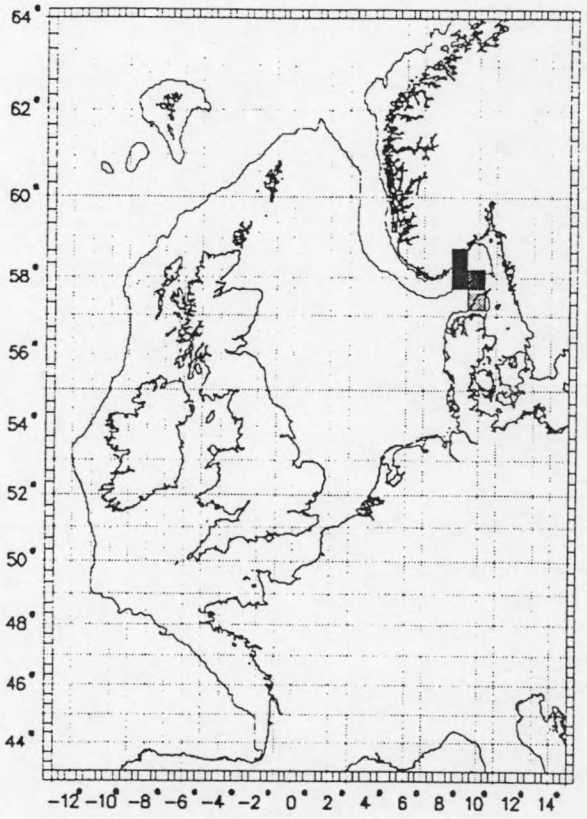


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002023201
ENAME : IMR/Danielssen, D. S.
UNITS : PSU
NO. OF DATA : 15151
NO. OF POSITIONS : 13



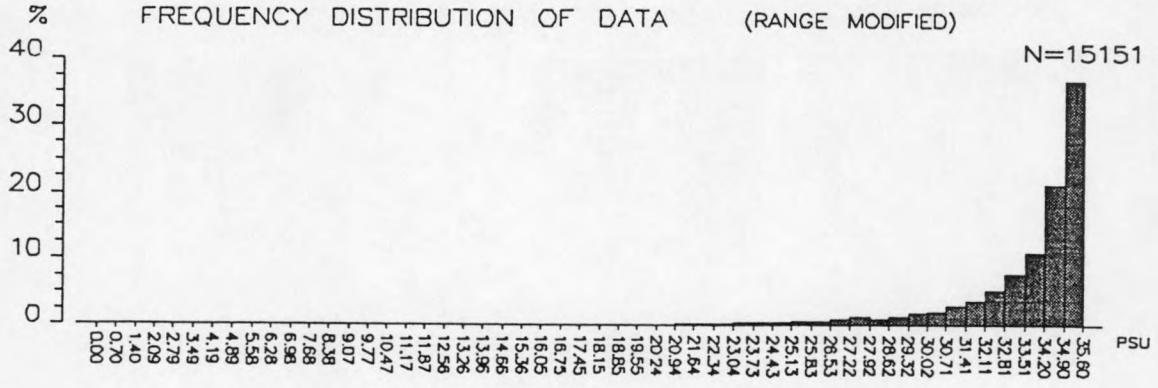
NO. OF DATA/AREA :
(without longterm data series !)

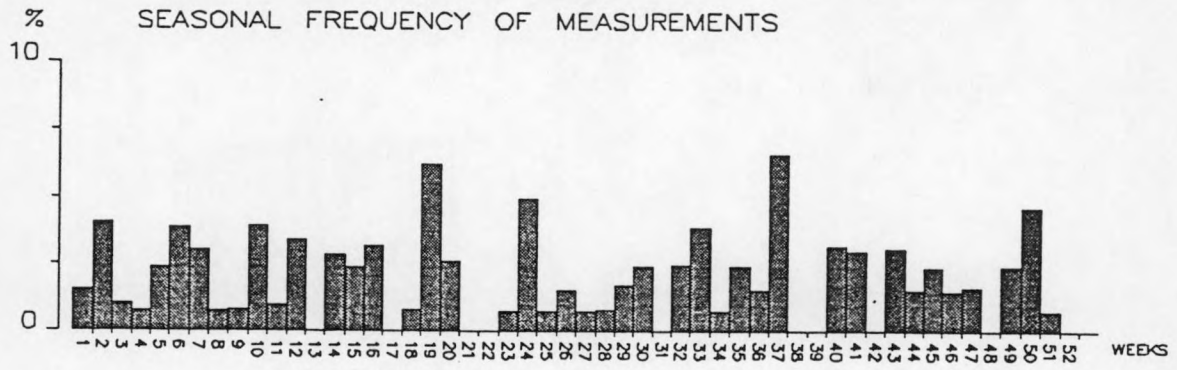
<	5687	<	2437
<	4874	<	1624
<	4062	<	812
<	3249	=	0

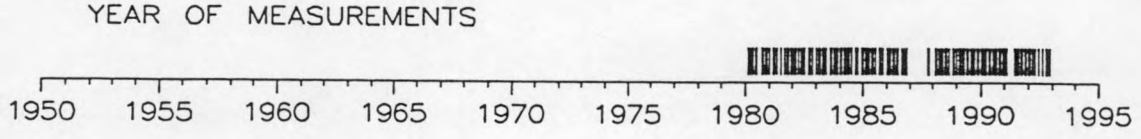
MINIMUM : 10.17
MAXIMUM : 35.32

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

SALINITY

PCODE : 1002023201

ENAME : IMR/Hageboe M., Foyn,

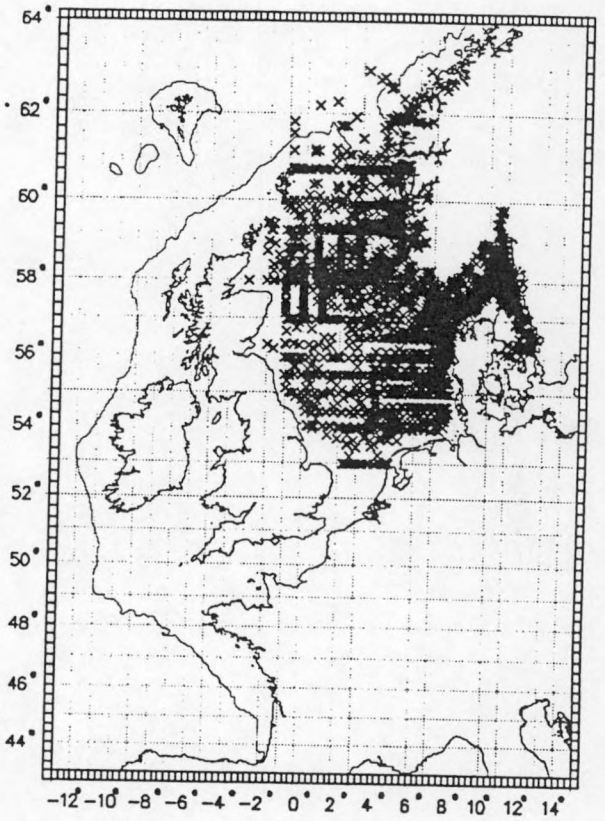
UNITS : PSU

NO. OF POSITIONS : 4406

NO. OF DATA : 41171

MINIMUM : 10.77

MAXIMUM : 35.41



MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

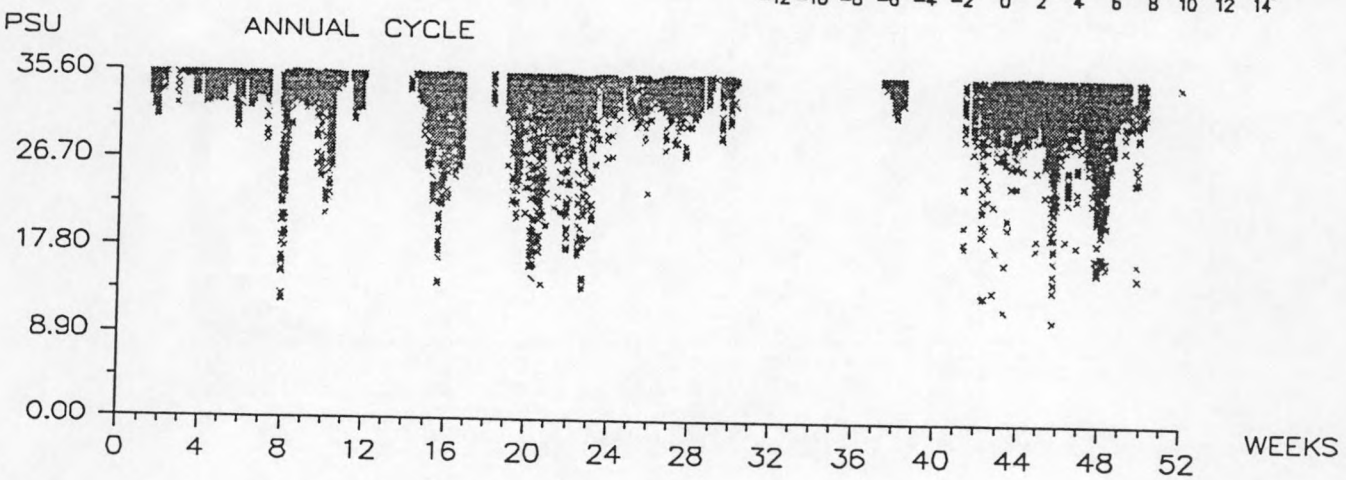
FIRST WEEK : 1

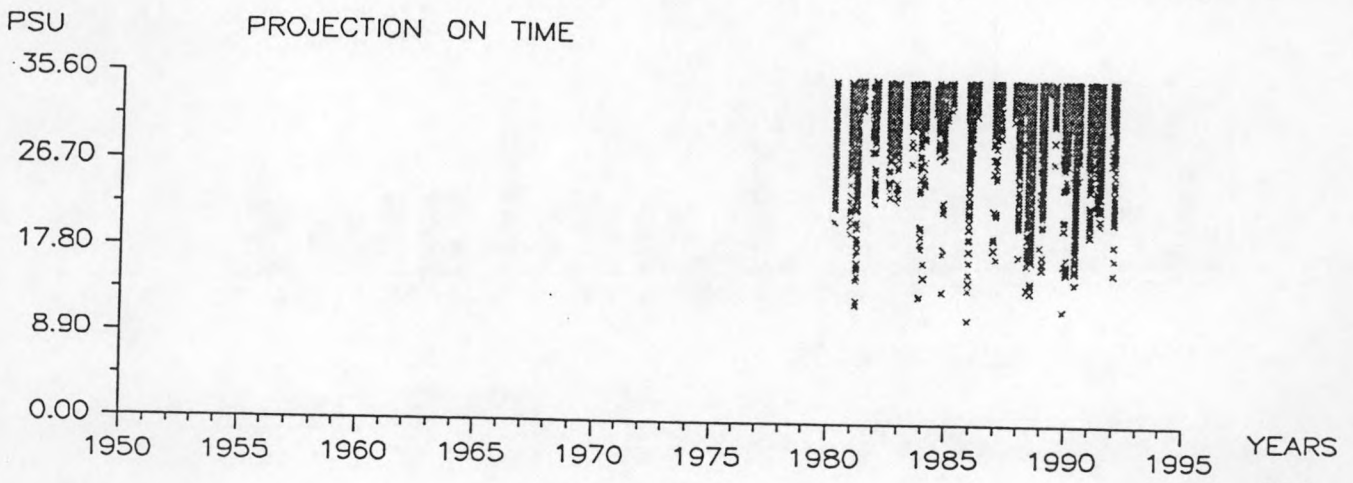
LAST WEEK : 53

DEPTH—RANGE

UPPER : 0

LOWER : 2000



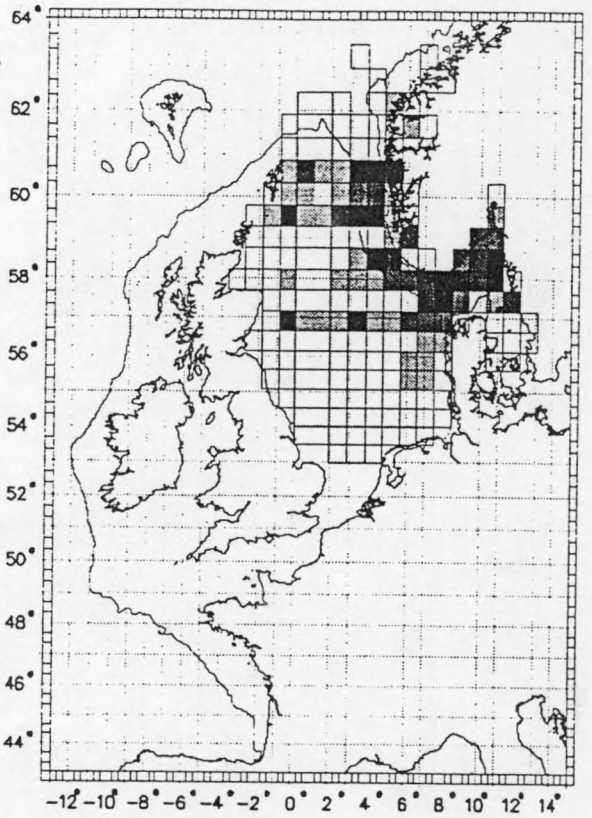


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002023201
ENAME : IMR/Hageboe M., Foyn, .
UNITS : PSU
NO. OF DATA : 41171
NO. OF POSITIONS : 4406



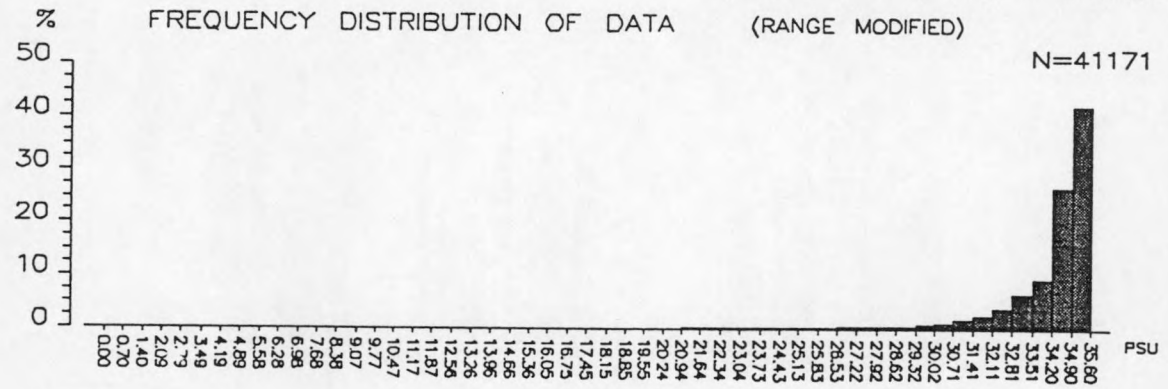
NO. OF DATA/AREA :
(without longterm data series !)

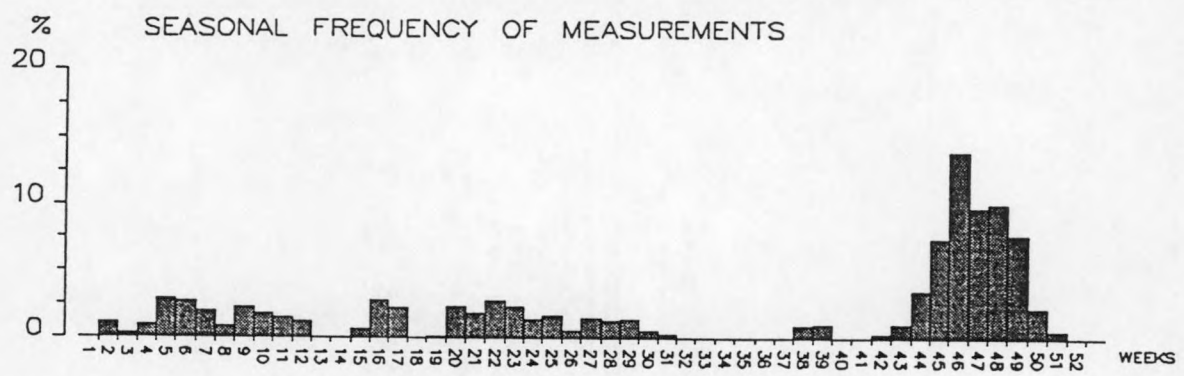
<	1378	<	590
<	1181	<	393
<	984	<	196
<	787	=	0

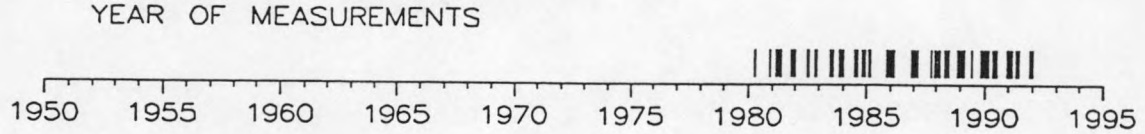
MINIMUM : 10.77
MAXIMUM : 35.41

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : IOW

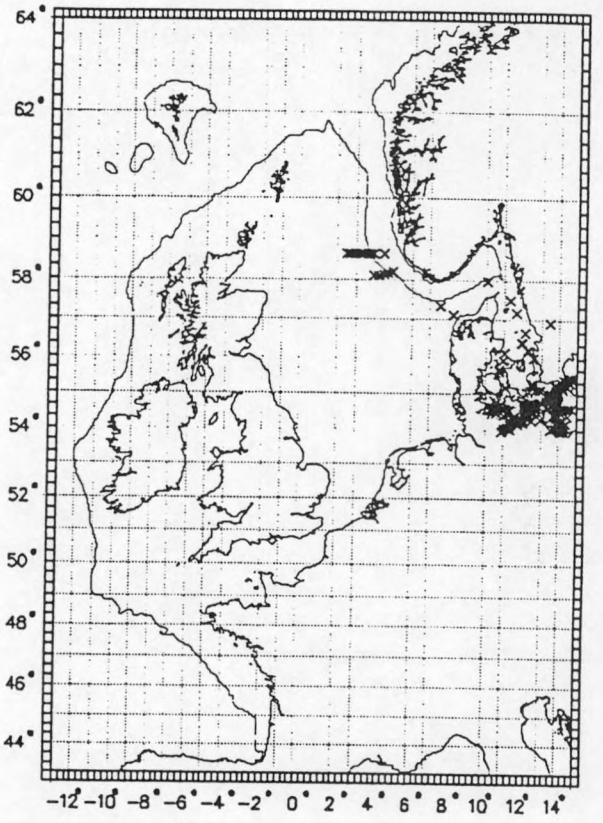
UNITS : PSU

NO. OF POSITIONS : 348

NO. OF DATA : 18379

MINIMUM : 0.76

MAXIMUM : 35.41



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

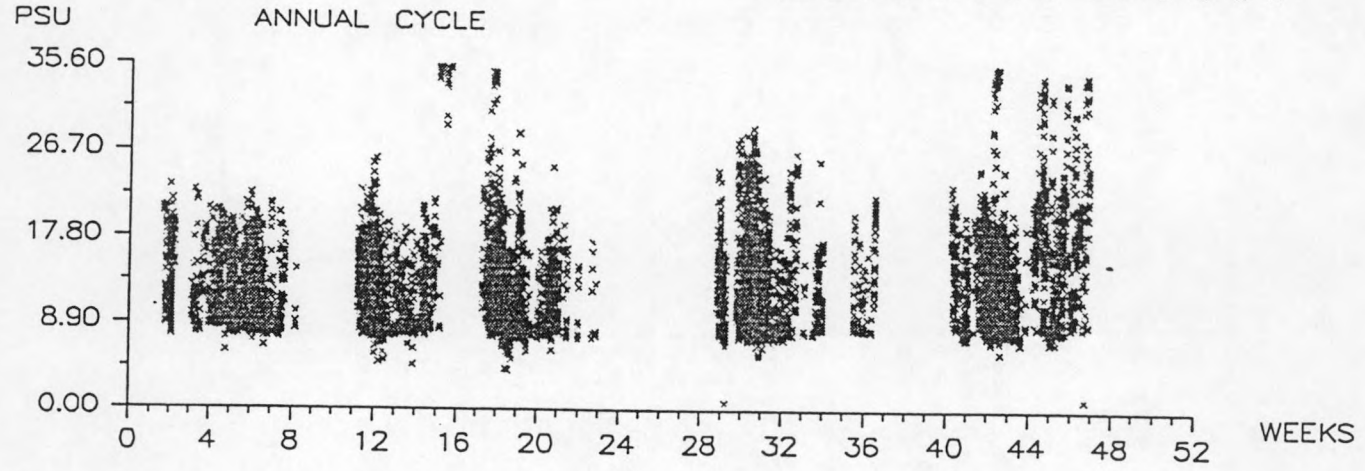
FIRST WEEK : 1

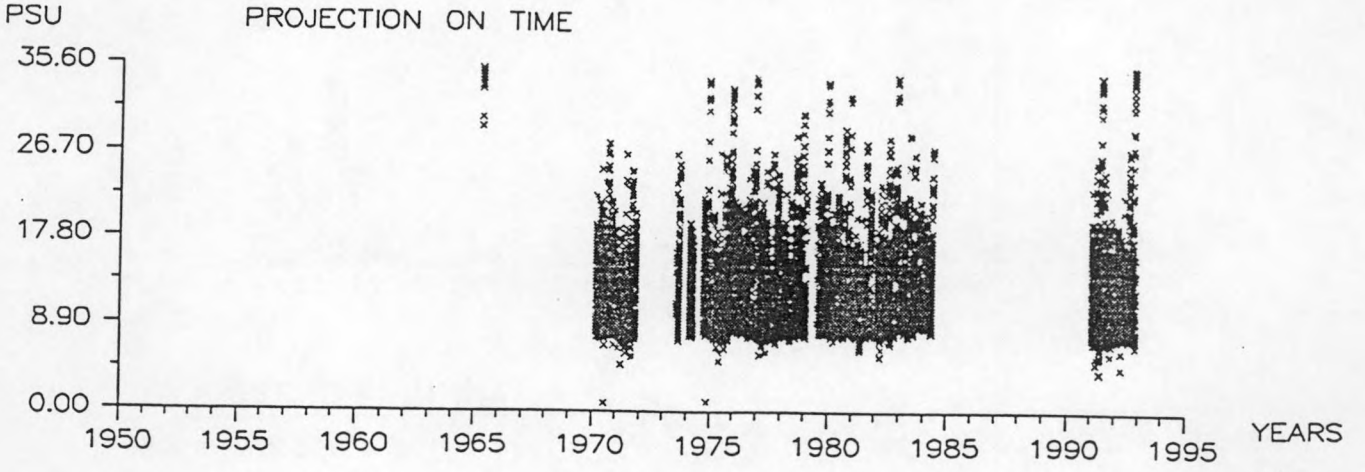
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : IOW
UNITS : PSU
NO. OF DATA : 18379
NO. OF POSITIONS : 348

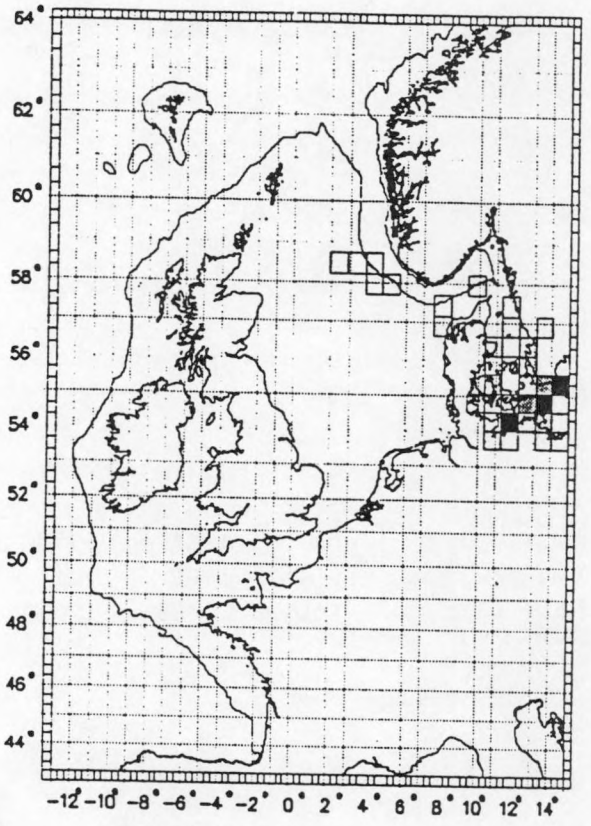
NO. OF DATA/AREA :
(without longterm data series !)

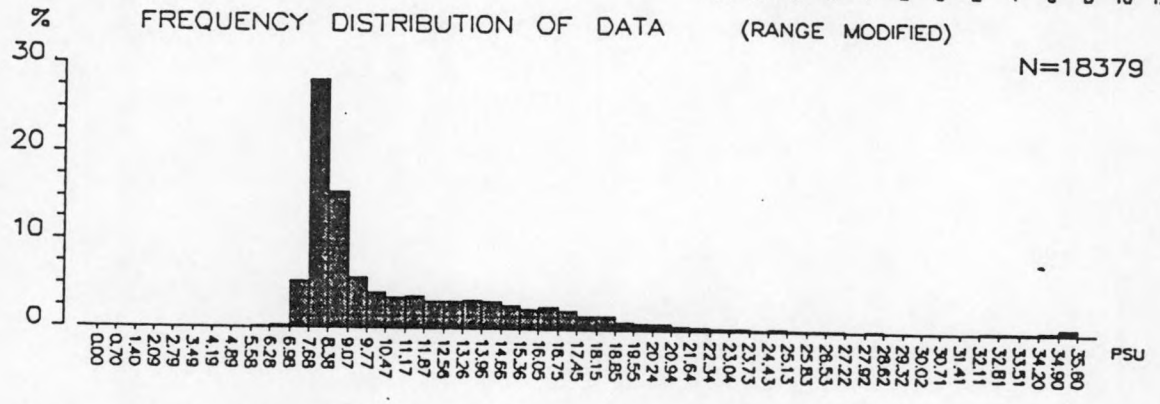
<	6508	<	2789
<	5578	<	1859
<	4648	<	929
<	3718	=	0

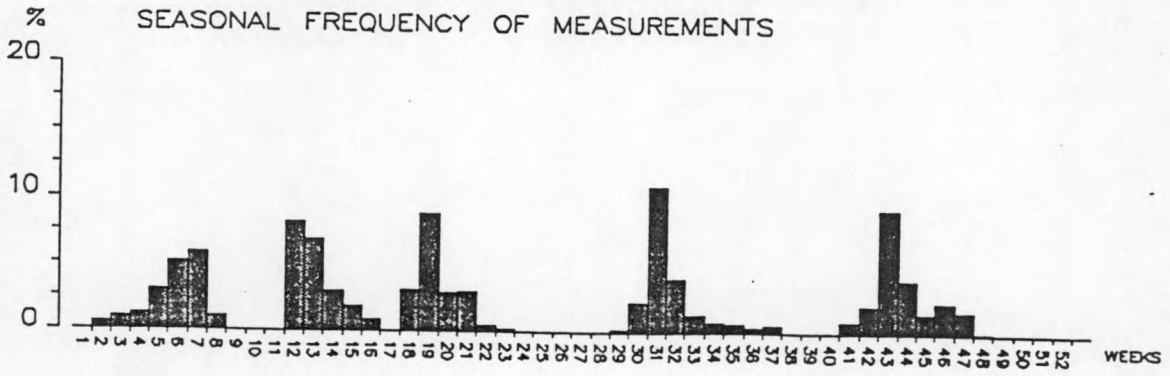
MINIMUM : 0.76
MAXIMUM : 35.41

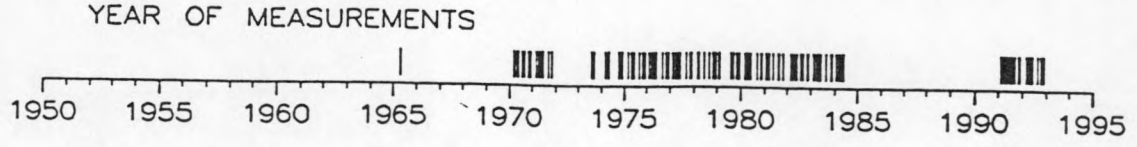
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







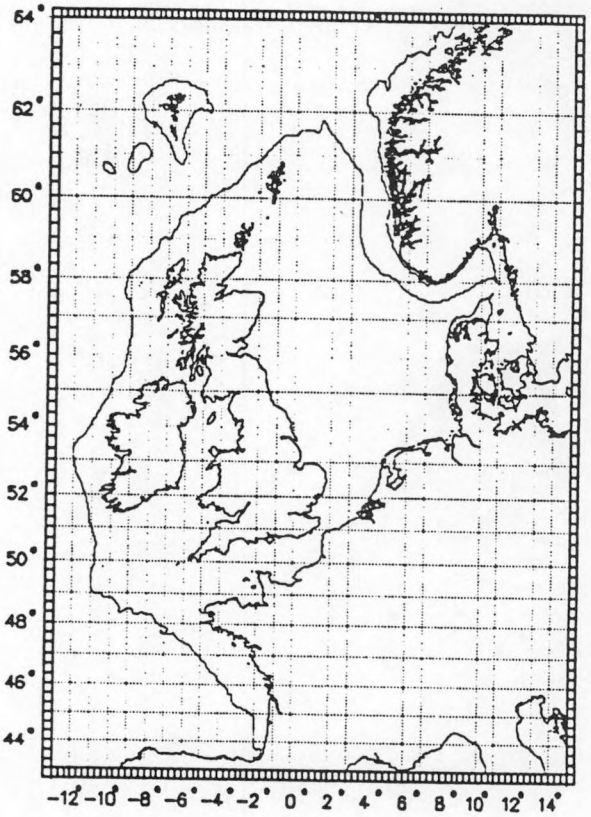


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

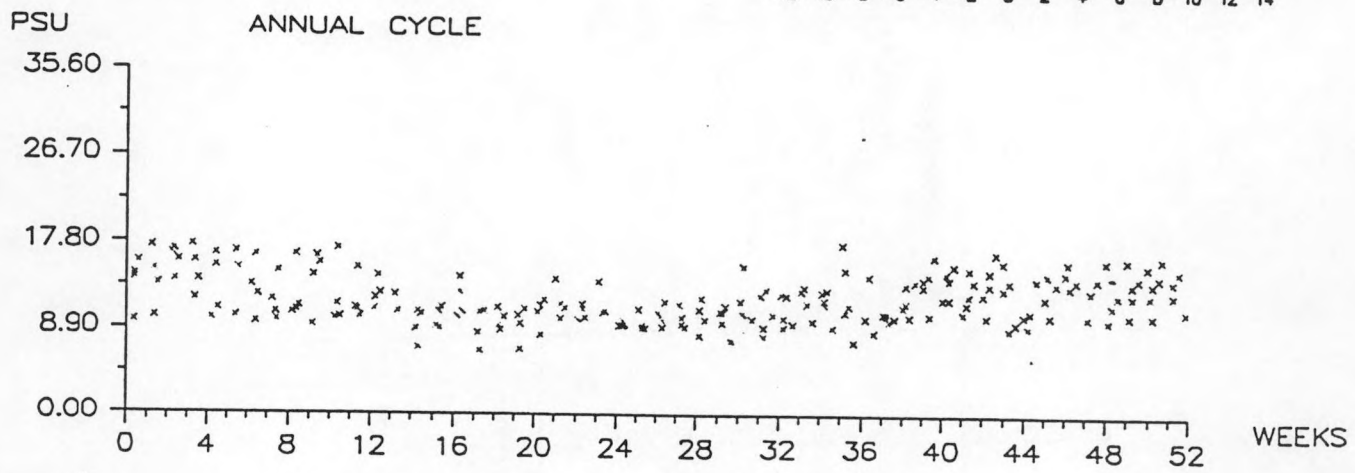
SALINITY

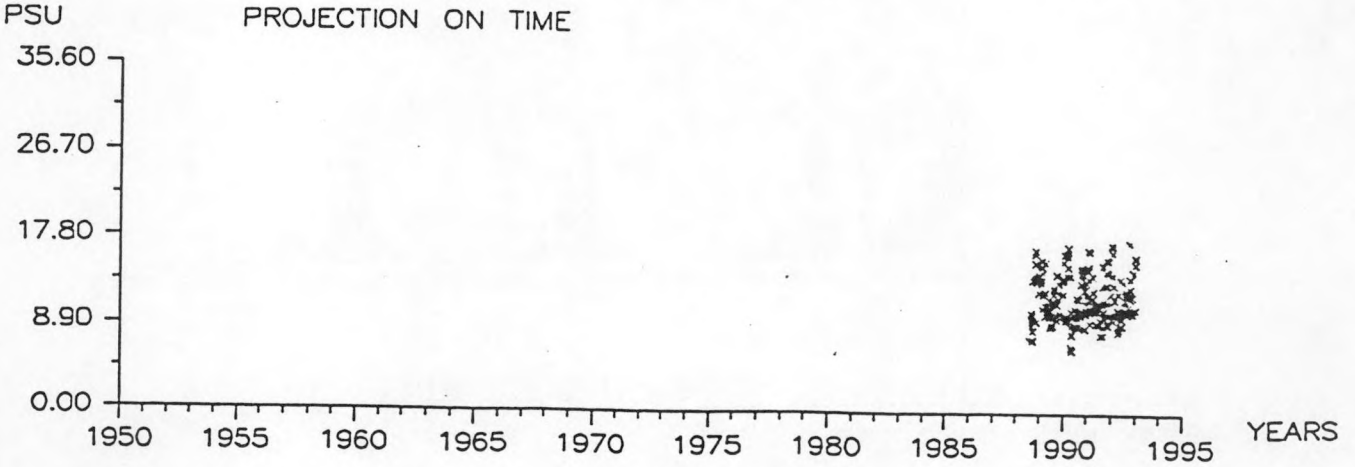
PCODE : 1002020301
ENAME : IOW
UNITS : PSU
NO. OF POSITIONS : 1
NO. OF DATA : 219
MINIMUM : 6.60
MAXIMUM : 17.71



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



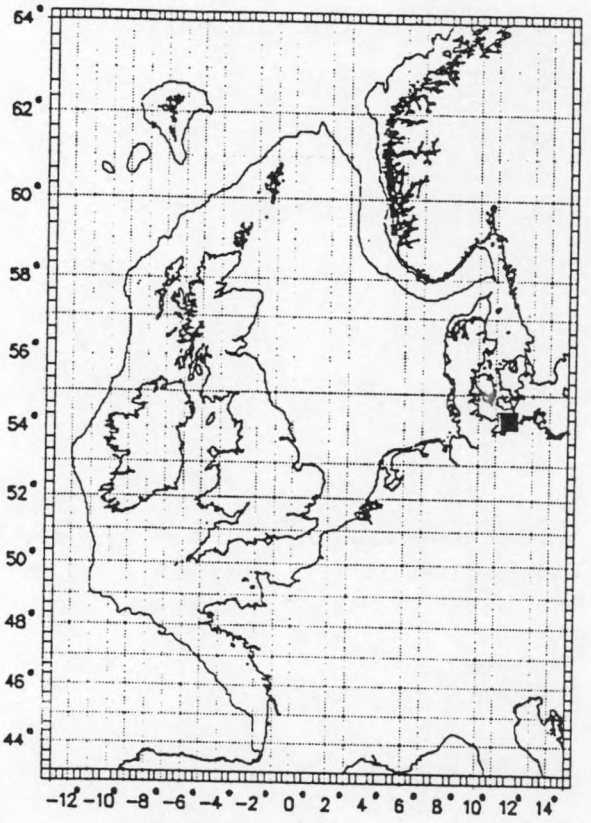


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020301
ENAME : IOW
UNITS : PSU
NO. OF DATA : 219
NO. OF POSITIONS : 1



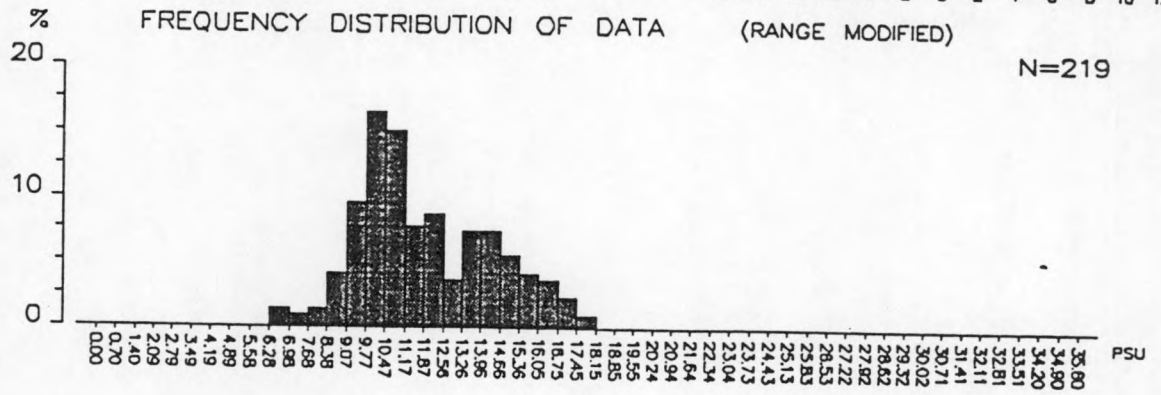
NO. OF DATA/AREA :
(without longterm data series !)

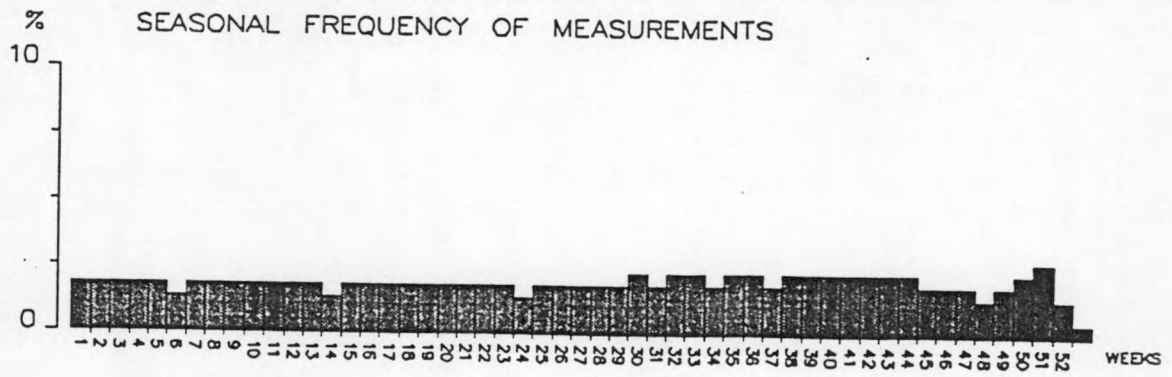
<	219	<	93
<	187	<	62
<	156	<	31
<	125	=	0

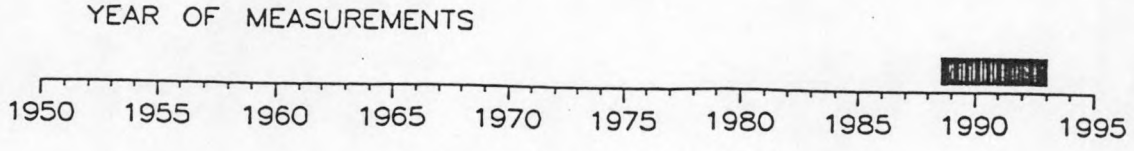
MINIMUM : 6.60
MAXIMUM : 17.71

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020301

ENAME : IOW

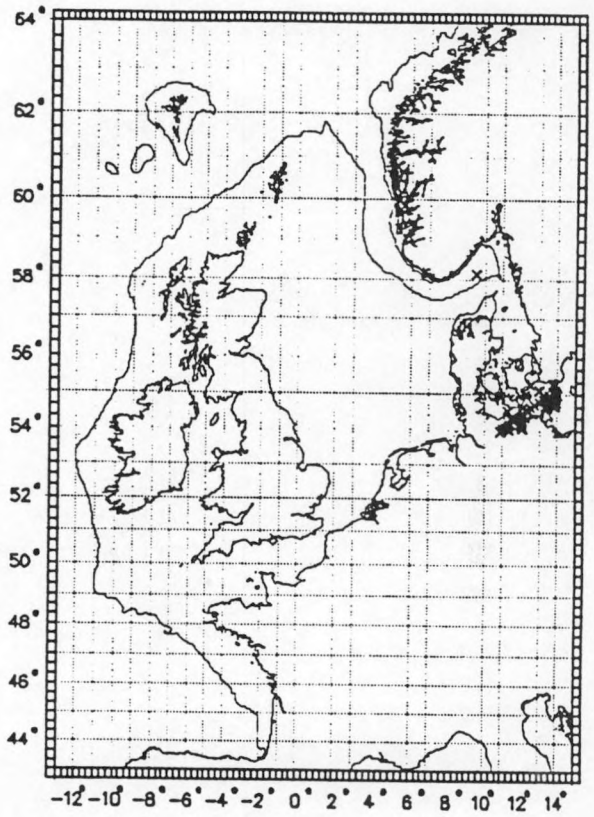
UNITS : PSU

NO. OF POSITIONS : 96

NO. OF DATA : 4213

MINIMUM : 1.46

MAXIMUM : 35.24



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

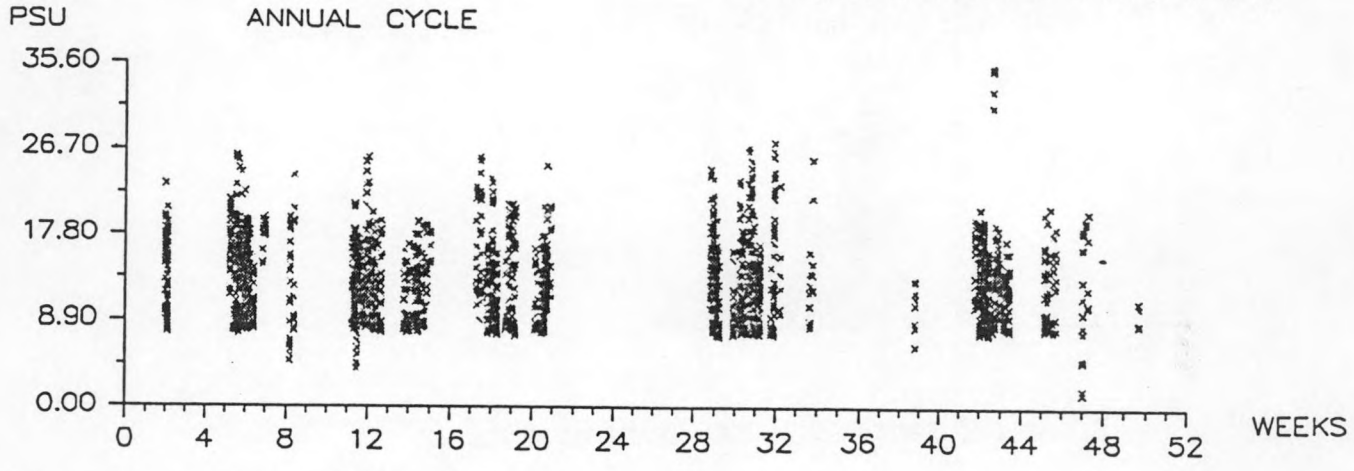
FIRST WEEK : 1

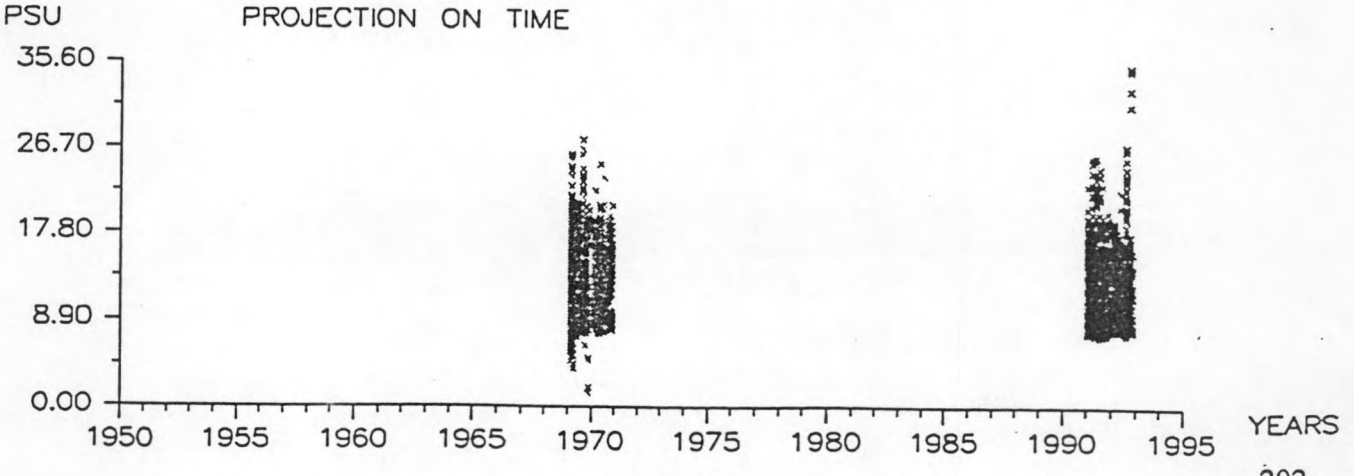
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



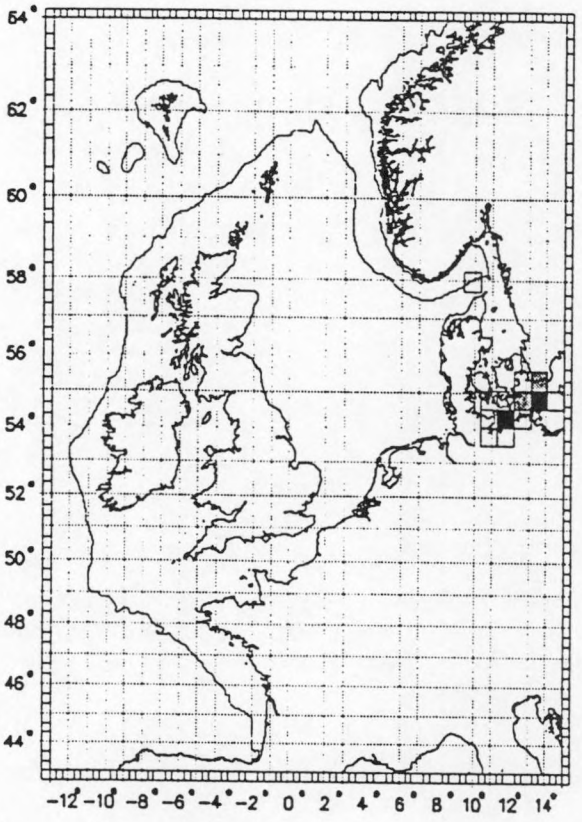


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020301
ENAME : IOW
UNITS : PSU
NO. OF DATA : 4213
NO. OF POSITIONS : 96



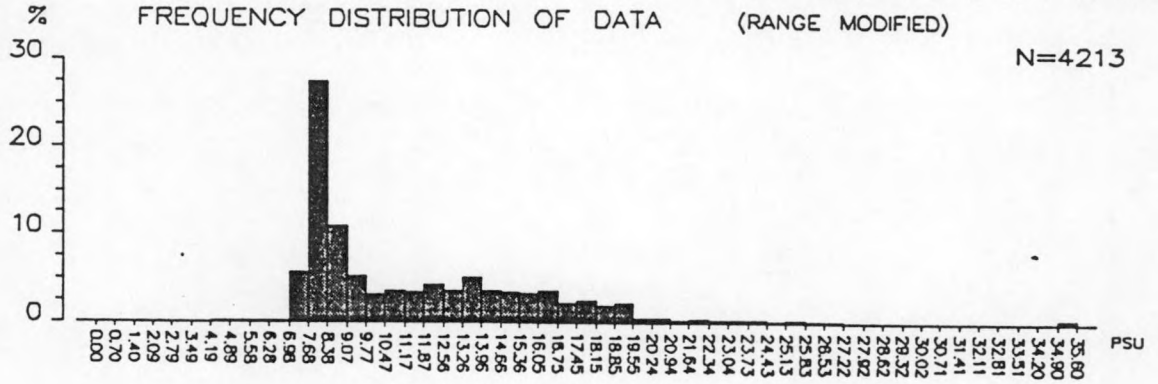
NO. OF DATA/AREA :
(without longterm data series !)

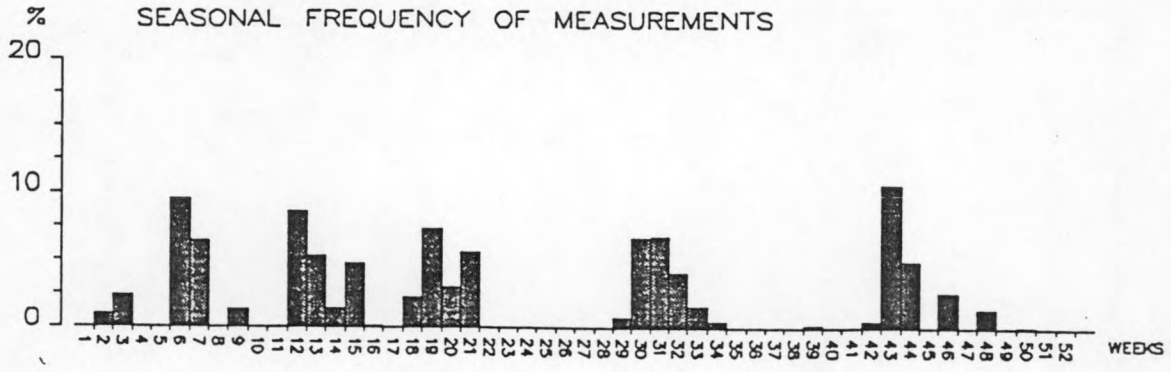
< 1842	< 789
< 1578	< < 526
< 1315	< < 263
< 1052	= 0

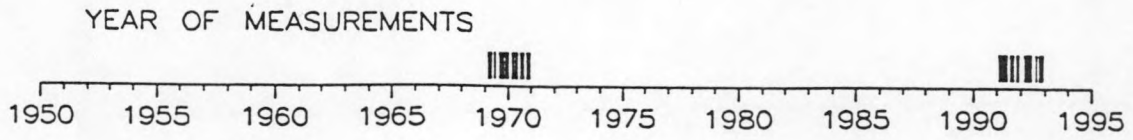
MINIMUM : 1.46
MAXIMUM : 35.24

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





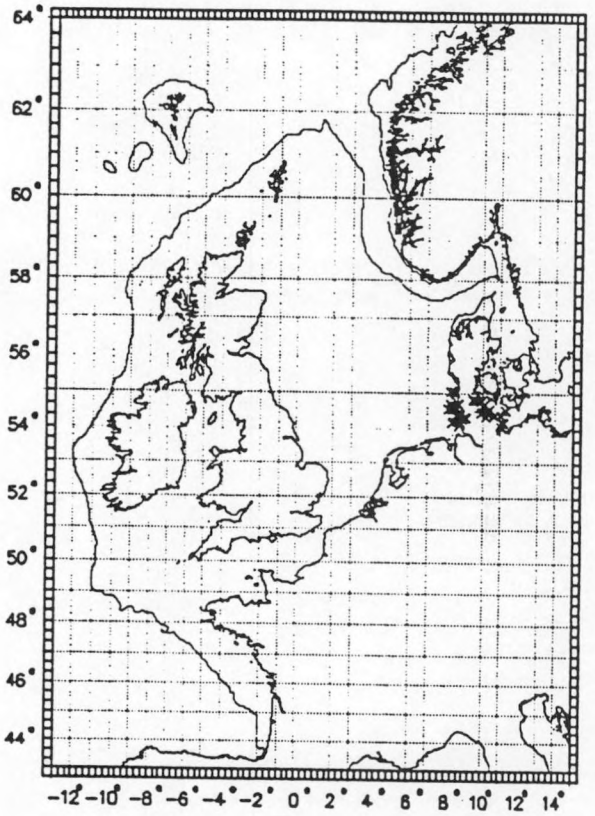


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

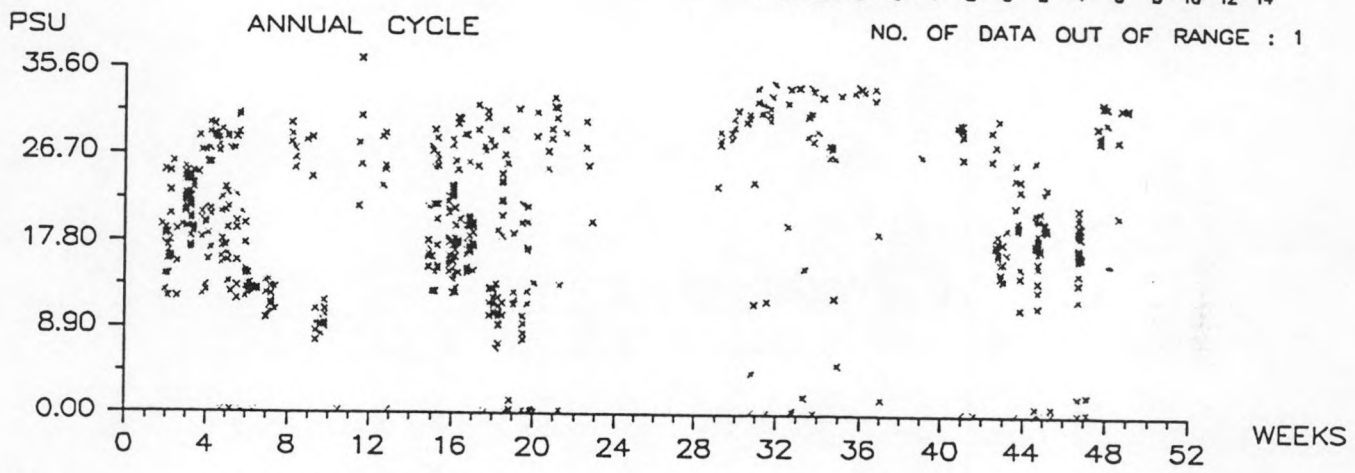
PCODE : 1002020001
ENAME : LWKKI
UNITS : PSU
NO. OF POSITIONS : 55
NO. OF DATA : 691
MINIMUM : 0.09
MAXIMUM : 35.91

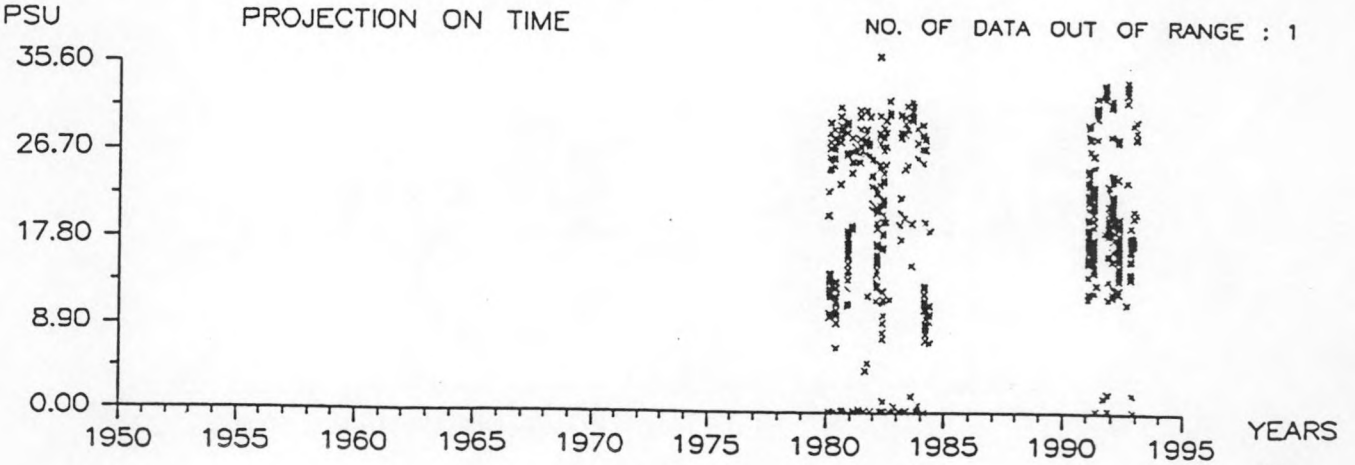


NO. OF DATA OUT OF RANGE : 1

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



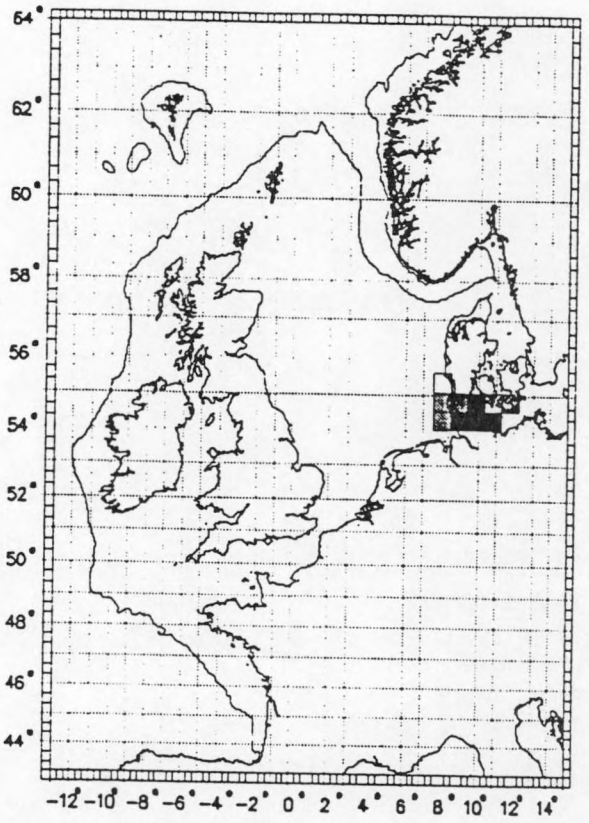


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : LWKKI
UNITS : PSU
NO. OF DATA : 691
NO. OF POSITIONS : 55



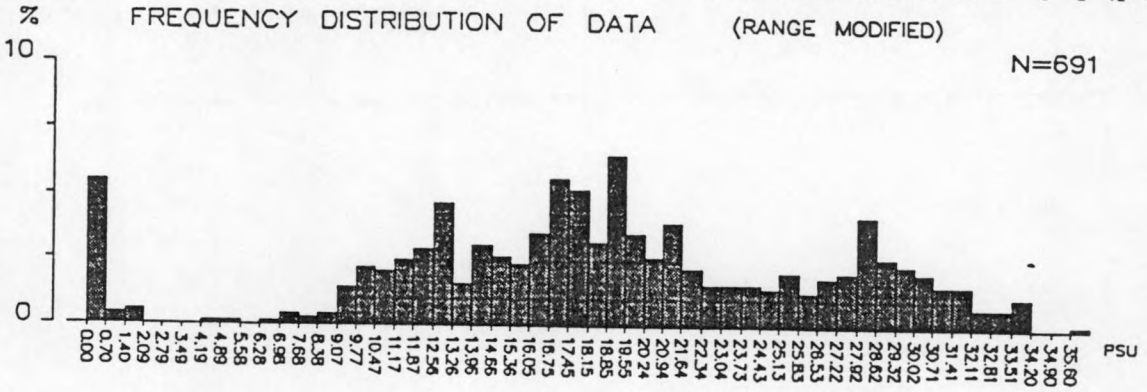
NO. OF DATA/AREA :
(without longterm data series !)

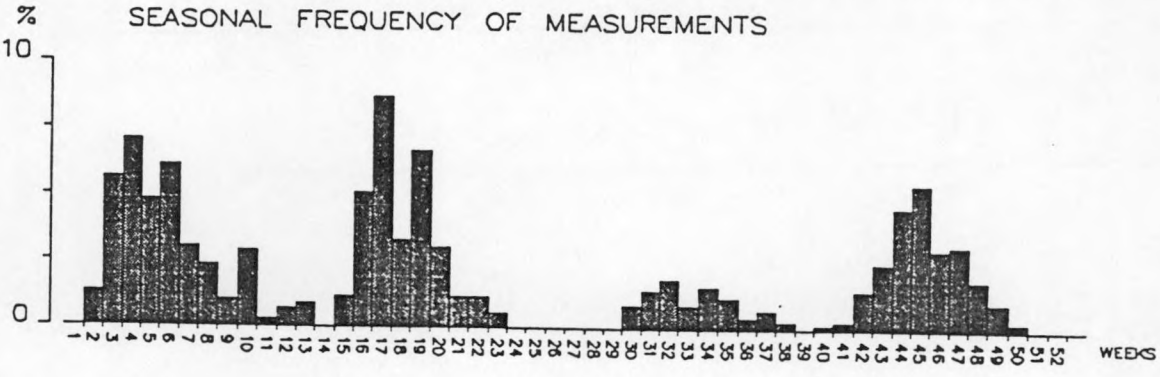
<	151	<	64
<	129	<	43
<	107	<	21
<	86	=	0

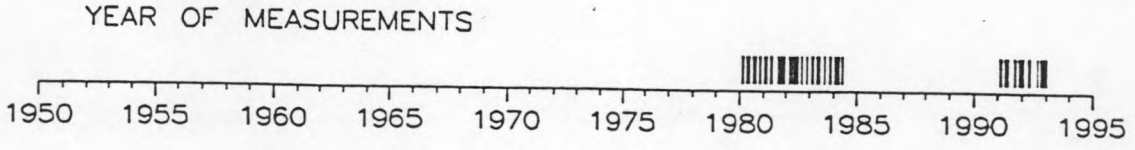
MINIMUM : 0.09
MAXIMUM : 35.91

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





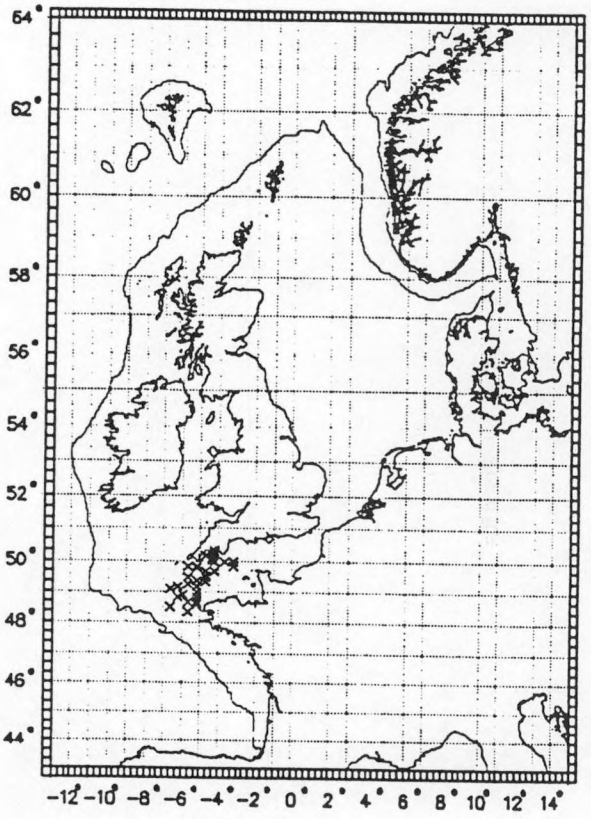


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

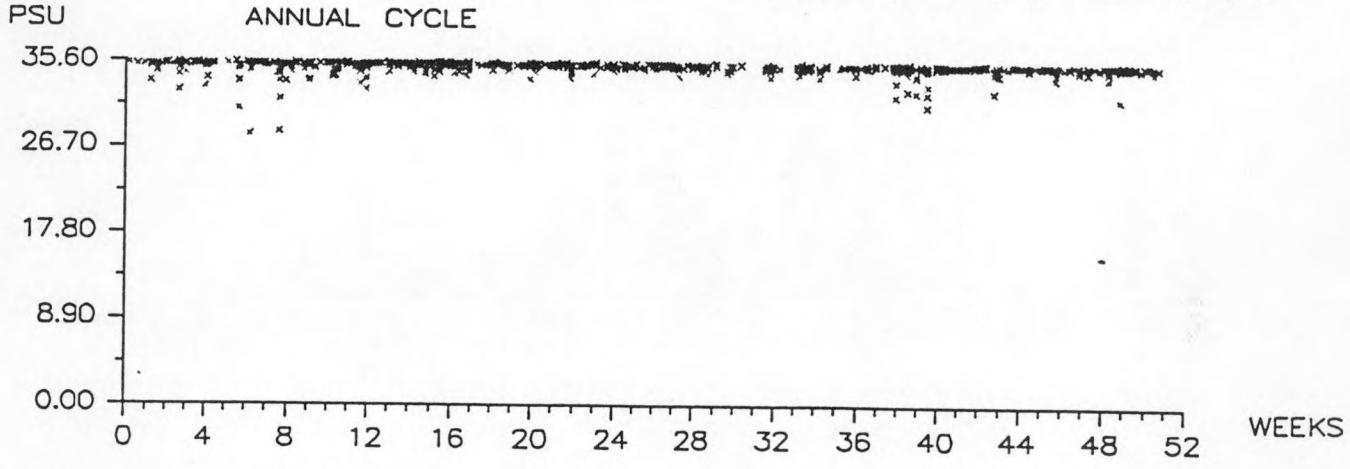
SALINITY

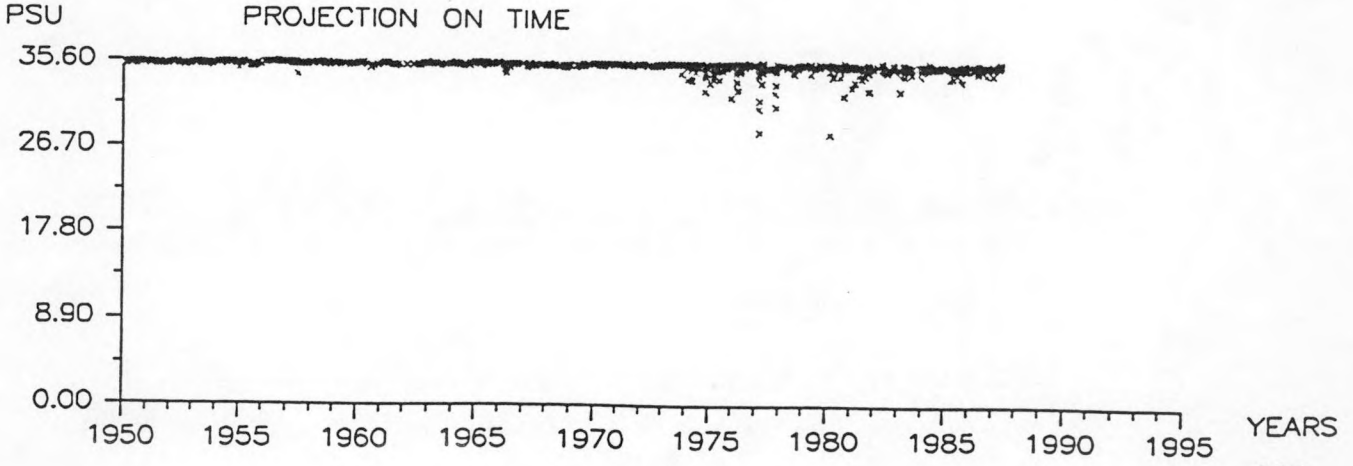
PCODE : 1002022201
ENAME : MBA/Southward, A.J.
UNITS : PSU
NO. OF POSITIONS : 34
NO. OF DATA : 4681
MINIMUM : 28.00
MAXIMUM : 35.55



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



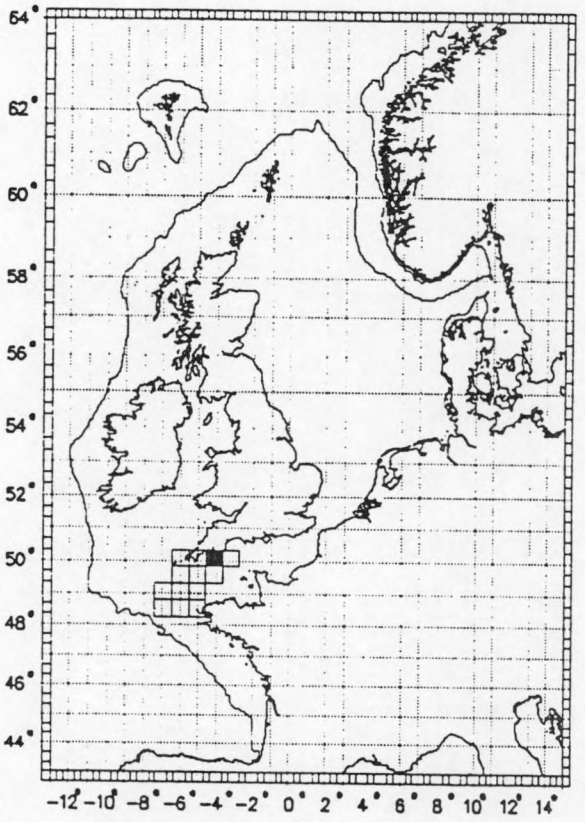


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002022201
ENAME : MBA/Southward, A.J.
UNITS : PSU
NO. OF DATA : 4681
NO. OF POSITIONS : 34



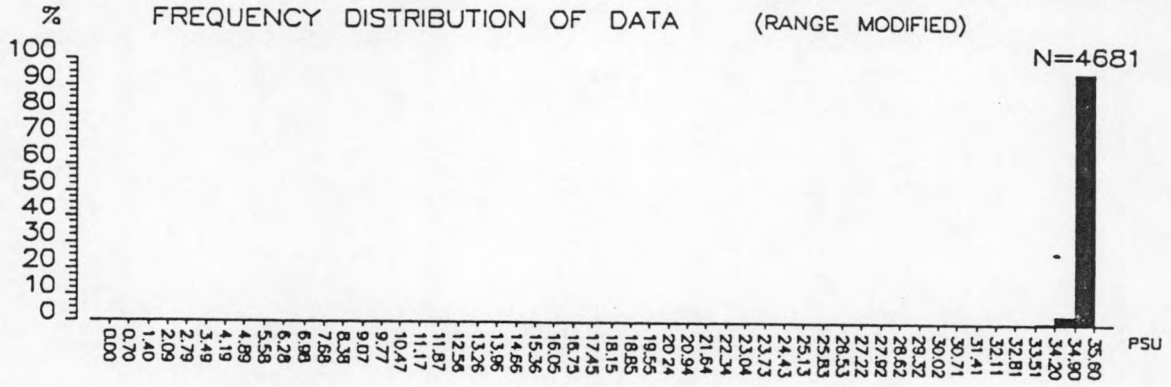
NO. OF DATA/AREA :
(without longterm data series !)

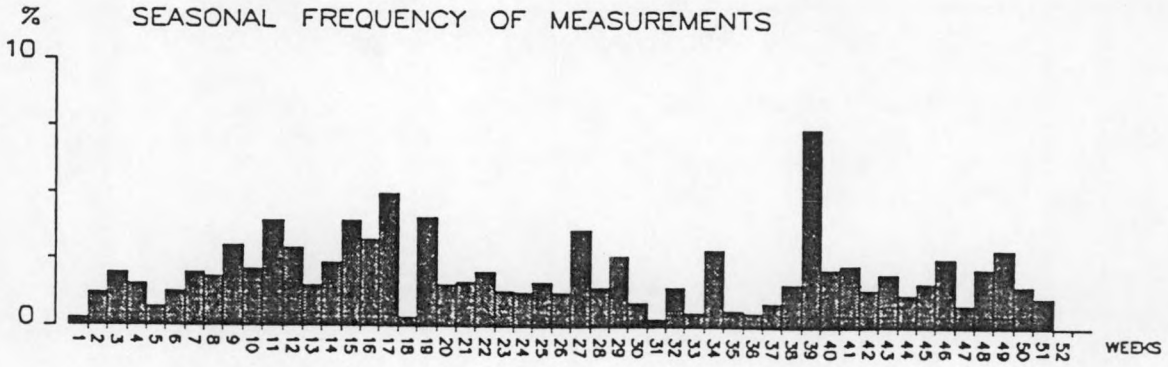
< 3595	< 1540
< 3081	< 1027
< 2567	< 513
< 2054	= 0

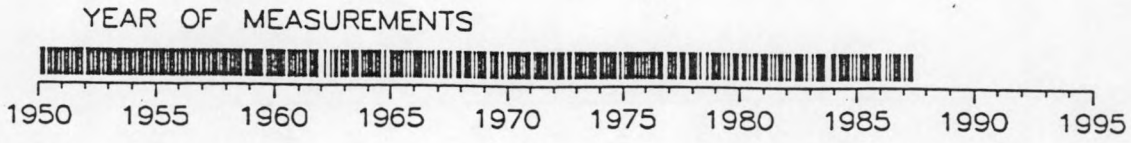
MINIMUM : 28.00
MAXIMUM : 35.55

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





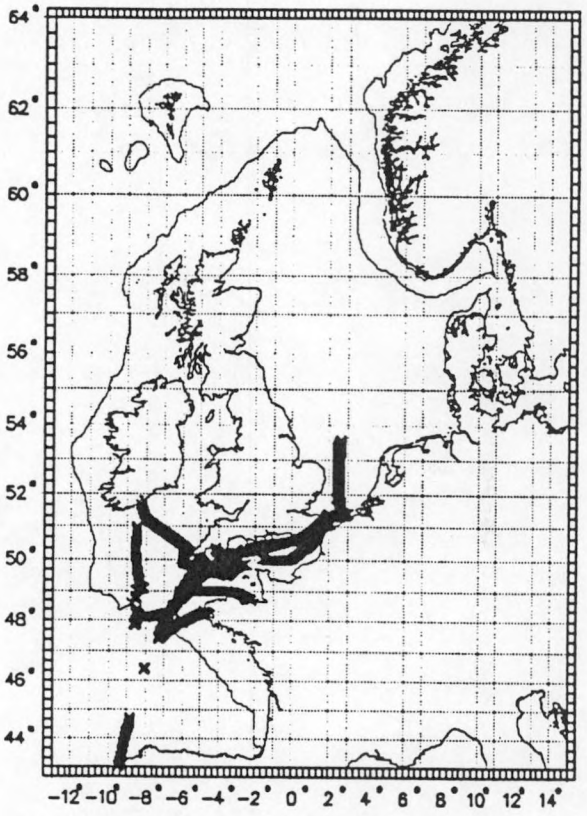


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020601
ENAME : MUMM
UNITS : PSU
NO. OF POSITIONS : 18268
NO. OF DATA : 30393
MINIMUM : 32.10
MAXIMUM : 35.85

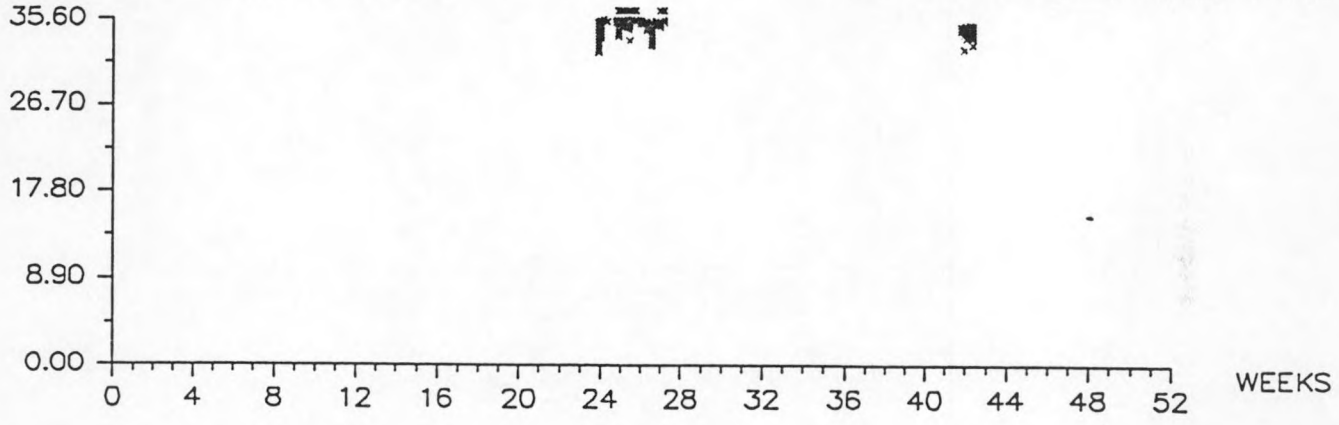


NO. OF DATA OUT OF RANGE : 4732

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

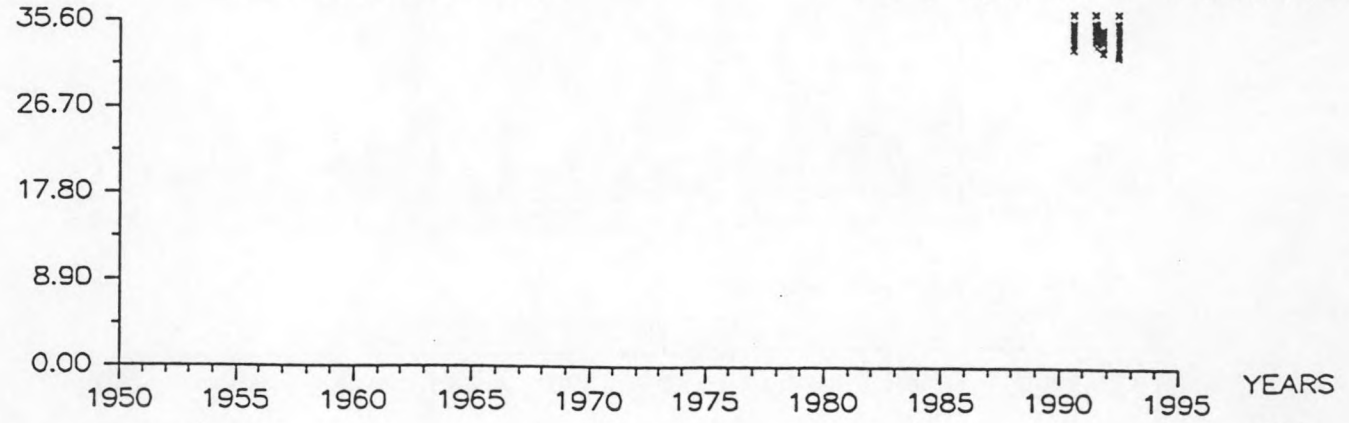
DEPTH–RANGE
UPPER : 0
LOWER : 2000

PSU ANNUAL CYCLE



PSU PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 4732

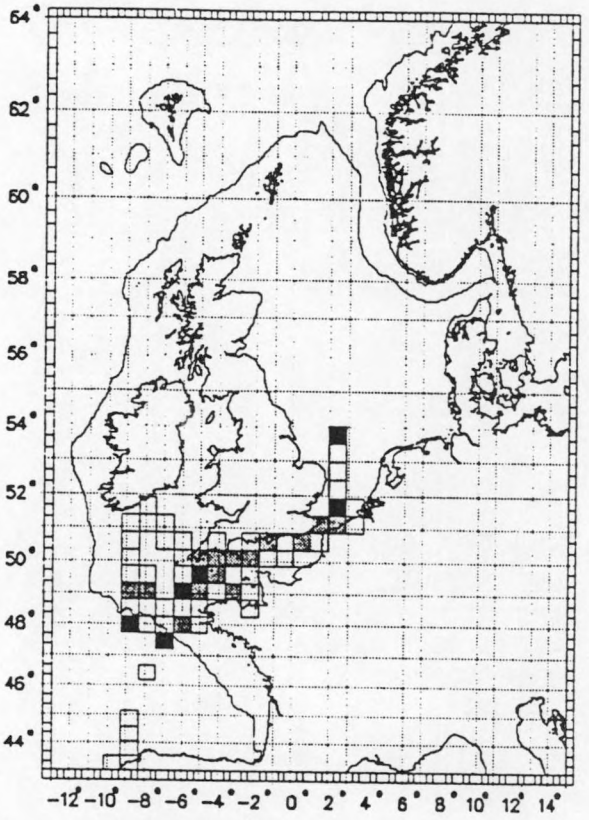


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020601
ENAME : MUMM
UNITS : PSU
NO. OF DATA : 30393
NO. OF POSITIONS : 18268



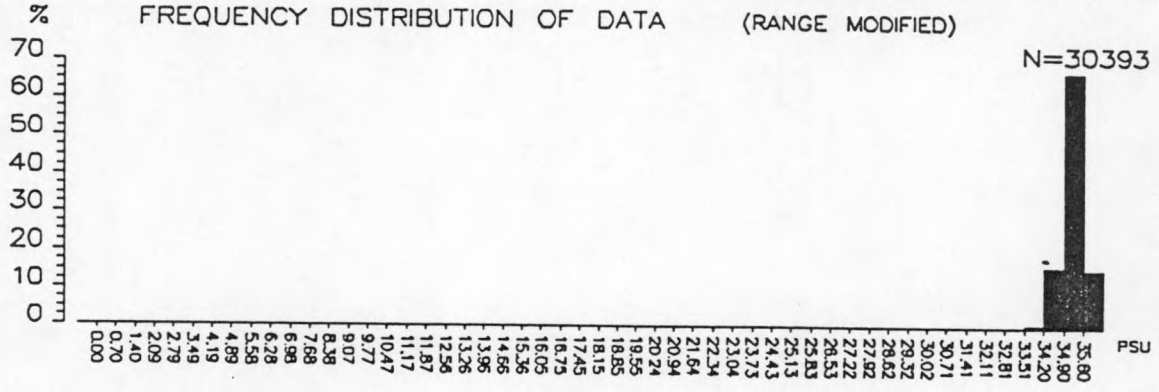
NO. OF DATA/AREA :
(without longterm data series !)

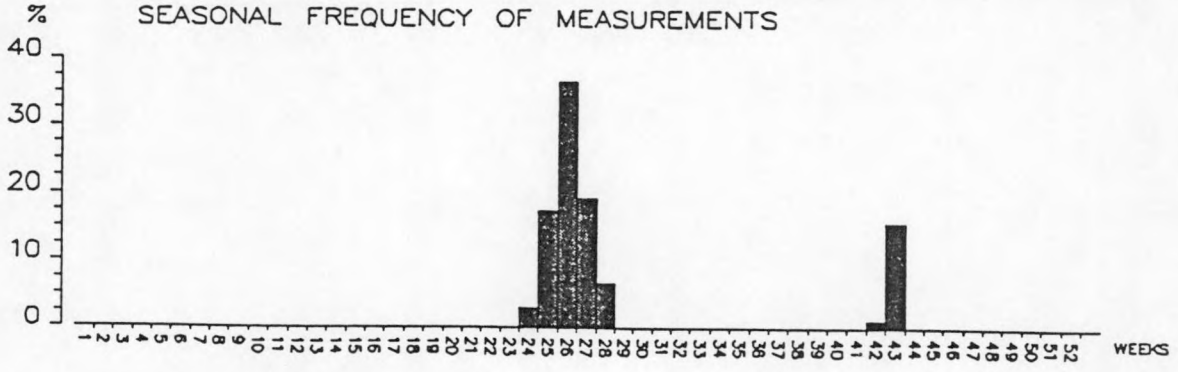
< 3552	< 1522
< 3044	< 1014
< 2537	< 507
< 2029	= 0

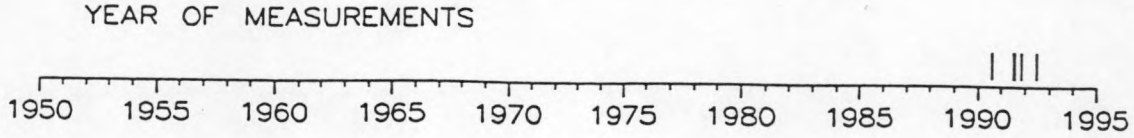
MINIMUM : 32.10
MAXIMUM : 35.85

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002022401

ENAME : MUMM/Pollentier, A.

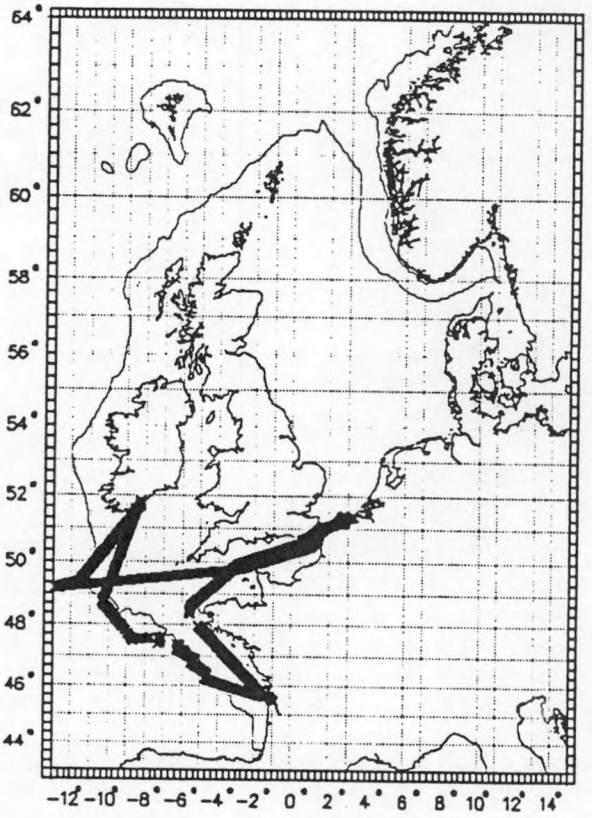
UNITS : PSU

NO. OF POSITIONS : 2797

NO. OF DATA : 3007

MINIMUM : 14.40

MAXIMUM : 35.54



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

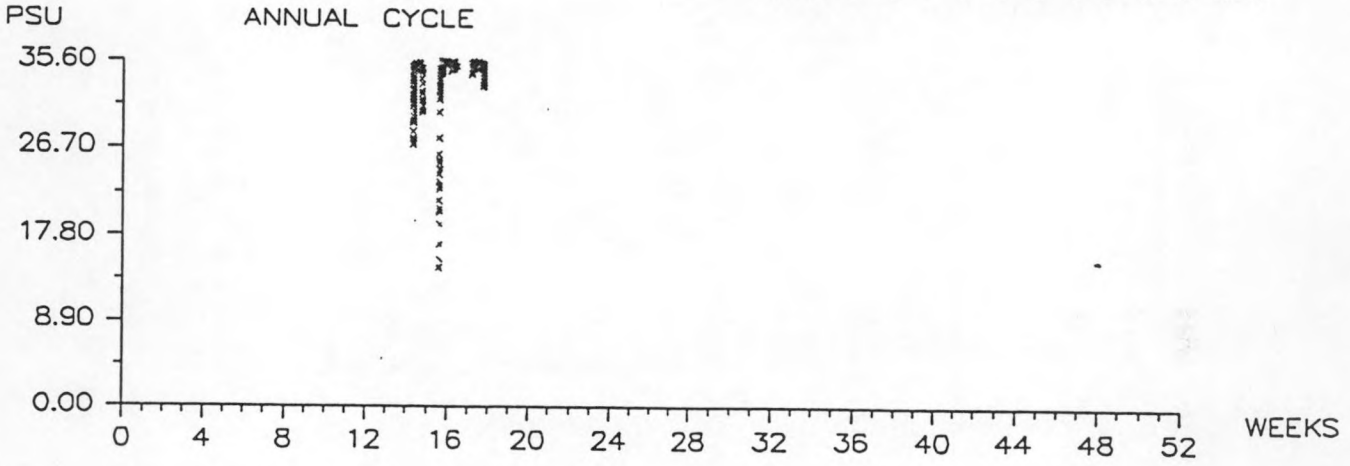
FIRST WEEK : 1

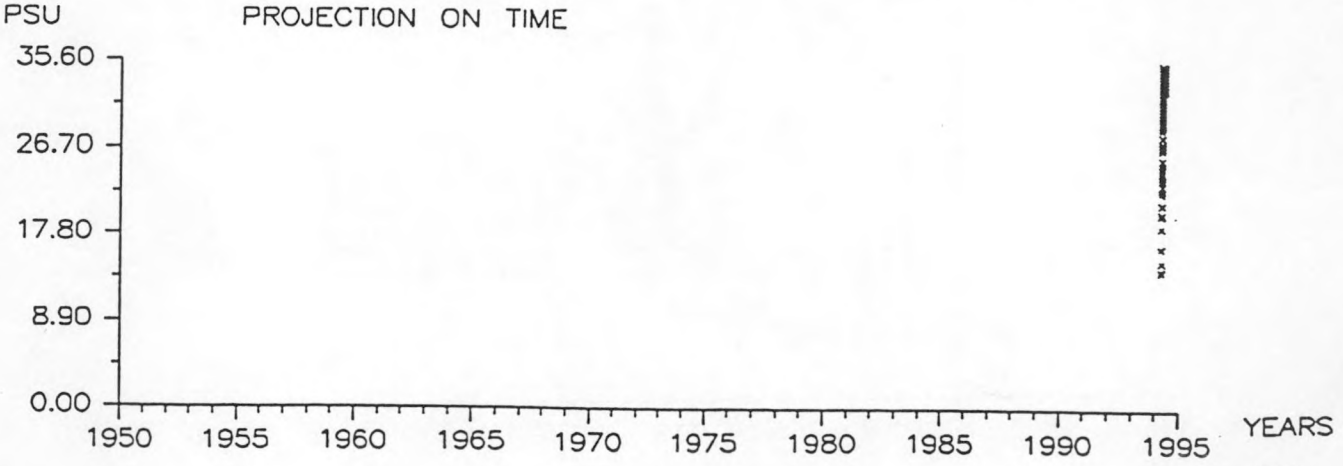
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



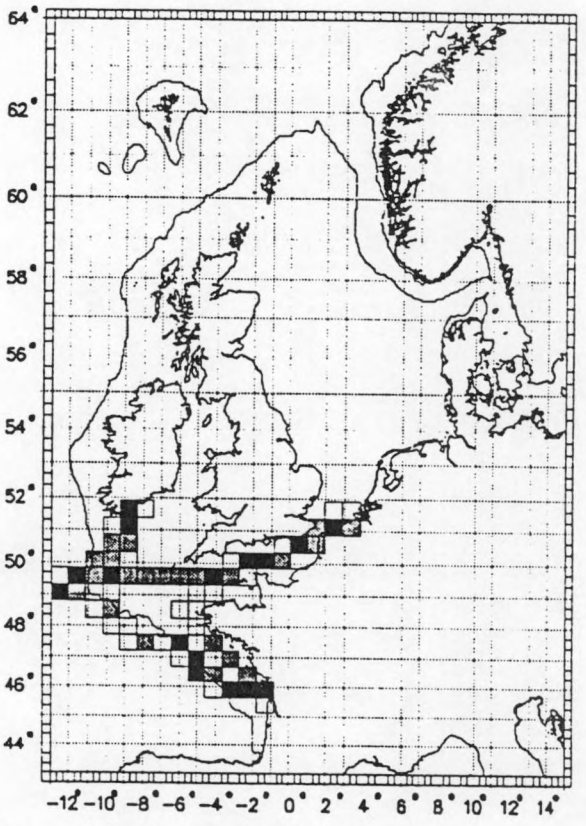


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002022401
ENAME : MUMM/Pollentier, A.
UNITS : PSU
NO. OF DATA : 3007
NO. OF POSITIONS : 2797



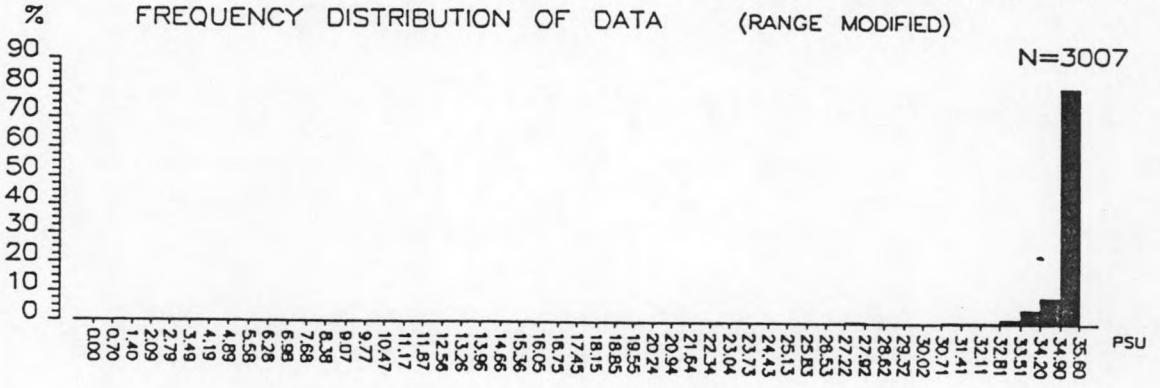
NO. OF DATA/AREA :
(without longterm data series !)

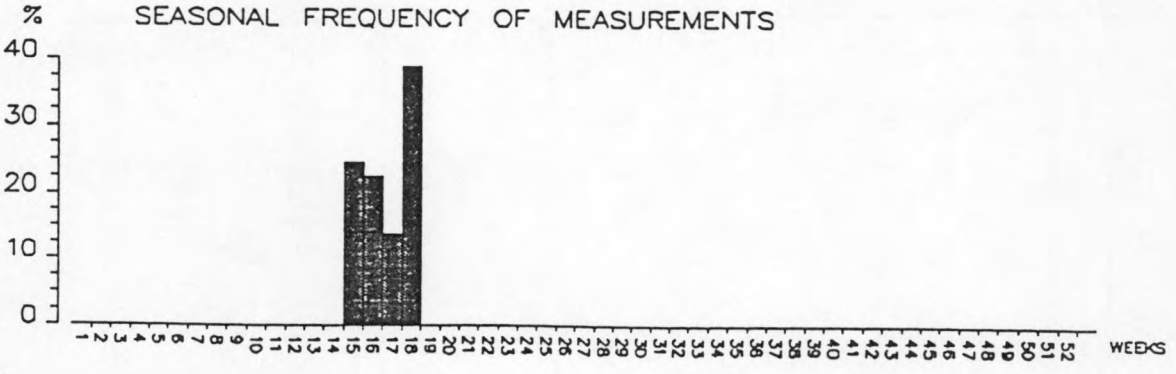
<	220	<	94
<	188	<	62
<	157	<	31
<	125	=	0

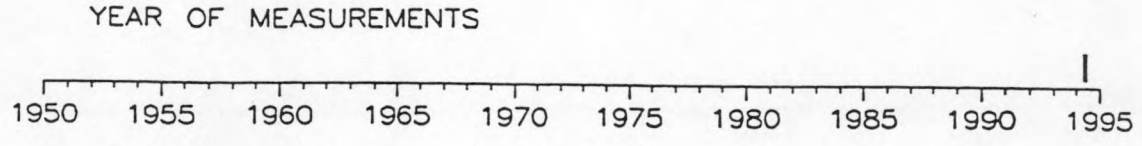
MINIMUM : 14.40
MAXIMUM : 35.54

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







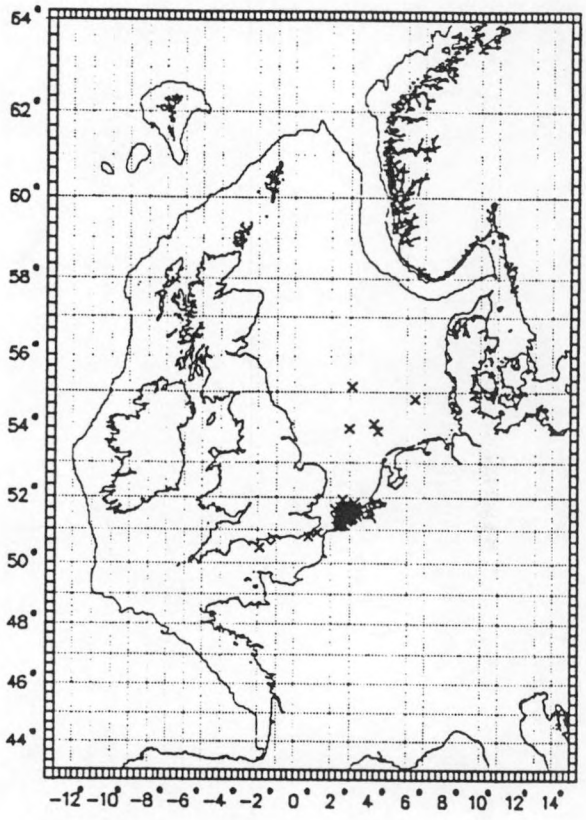
96-11-01

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

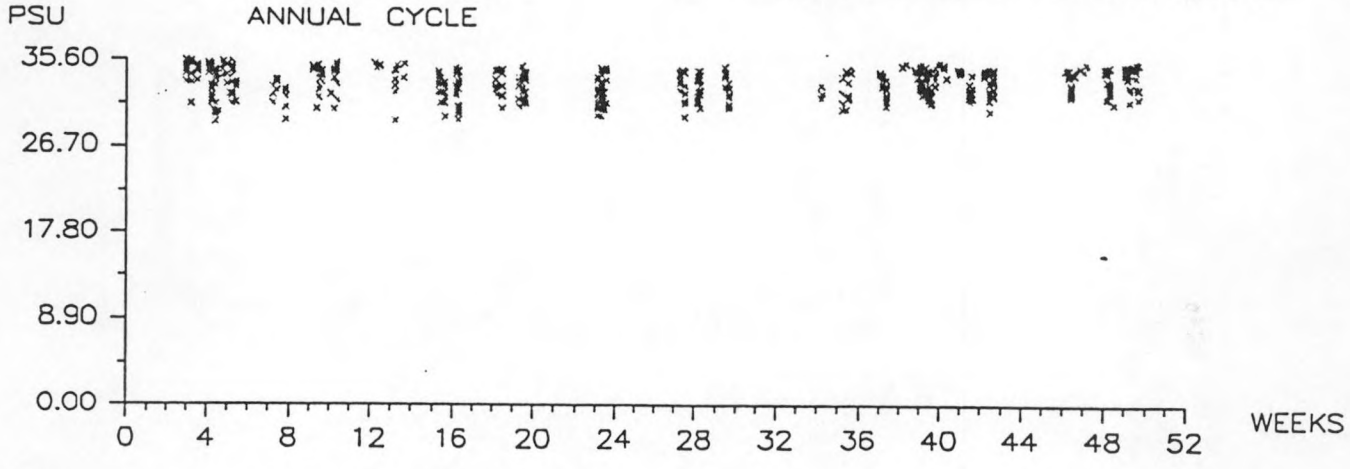
SALINITY

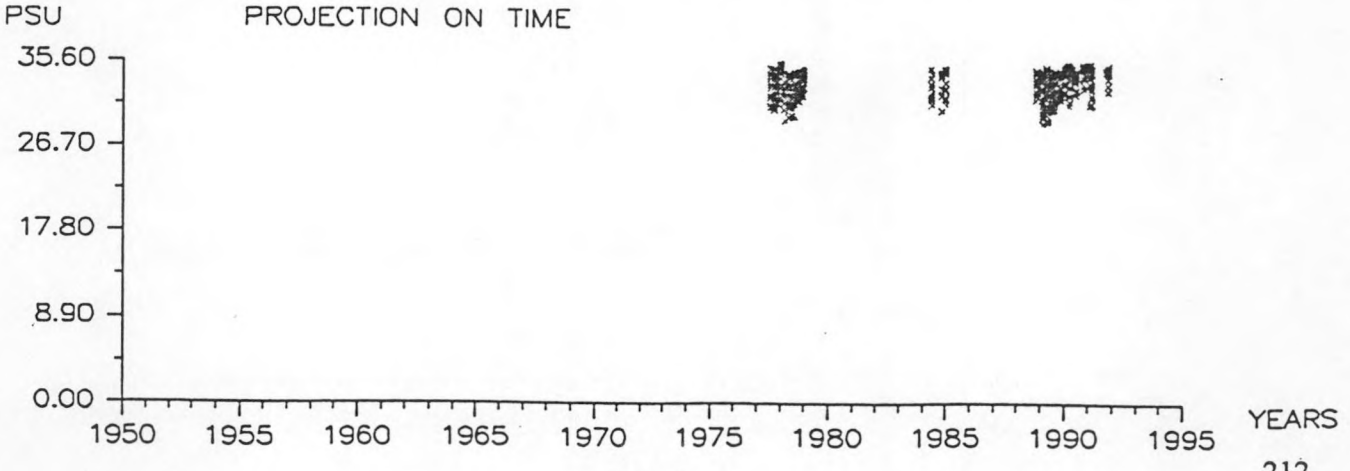
PCODE : 1002020501
ENAME : MUMM (OOST)
UNITS : PSU
NO. OF POSITIONS : 71
NO. OF DATA : 619
MINIMUM : 29.12
MAXIMUM : 35.45



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



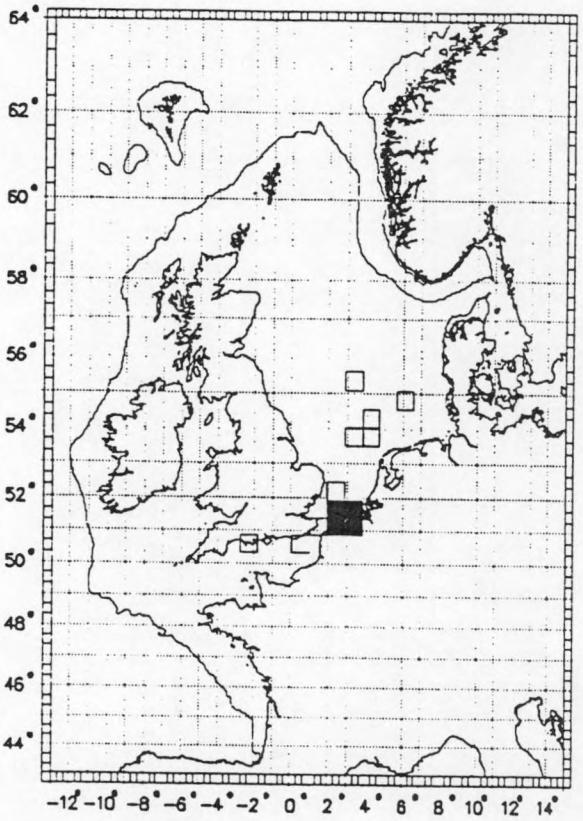


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020501
ENAME : MUMM (OOST)
UNITS : PSU
NO. OF DATA : 619
NO. OF POSITIONS : 71



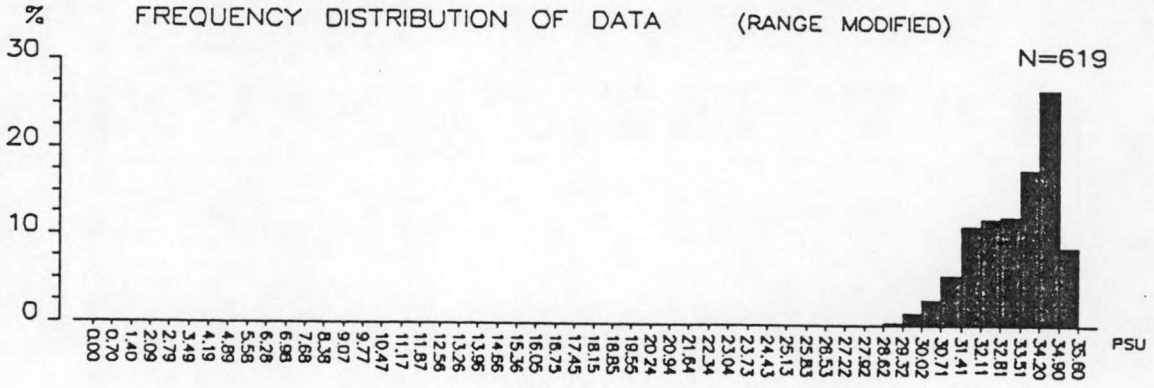
NO. OF DATA/AREA :
(without longterm data series !)

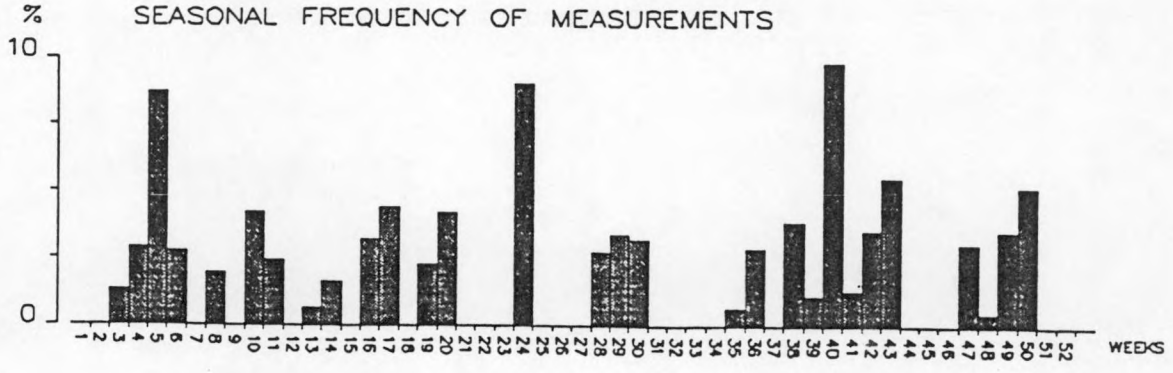
< 201	< 86
< 172	< 57
< 143	< 28
< 114	= 0

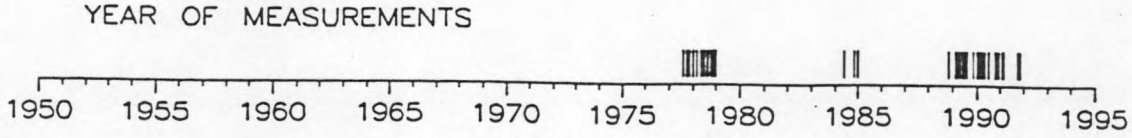
MINIMUM : 29.12
MAXIMUM : 35.45

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020601

ENAME : MUMM (OOST)

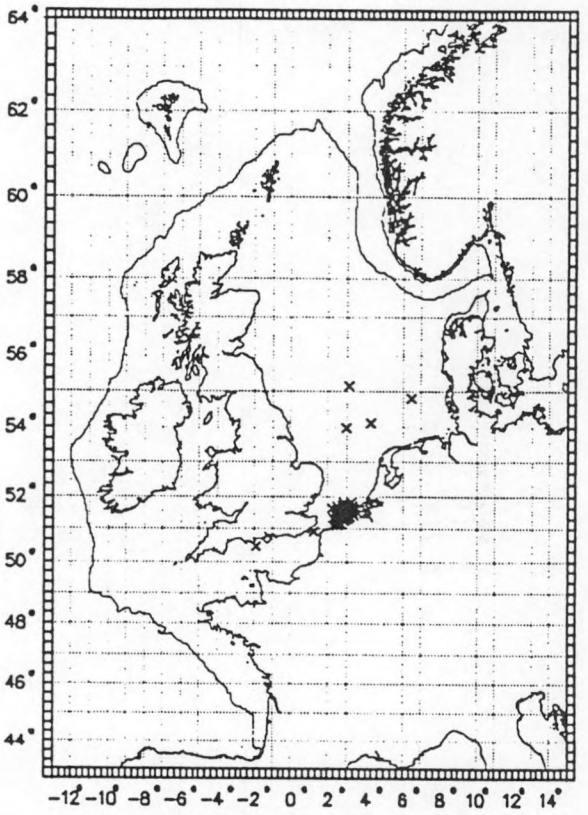
UNITS : PSU

NO. OF POSITIONS : 64

NO. OF DATA : 1477

MINIMUM : 26.10

MAXIMUM : 35.90



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

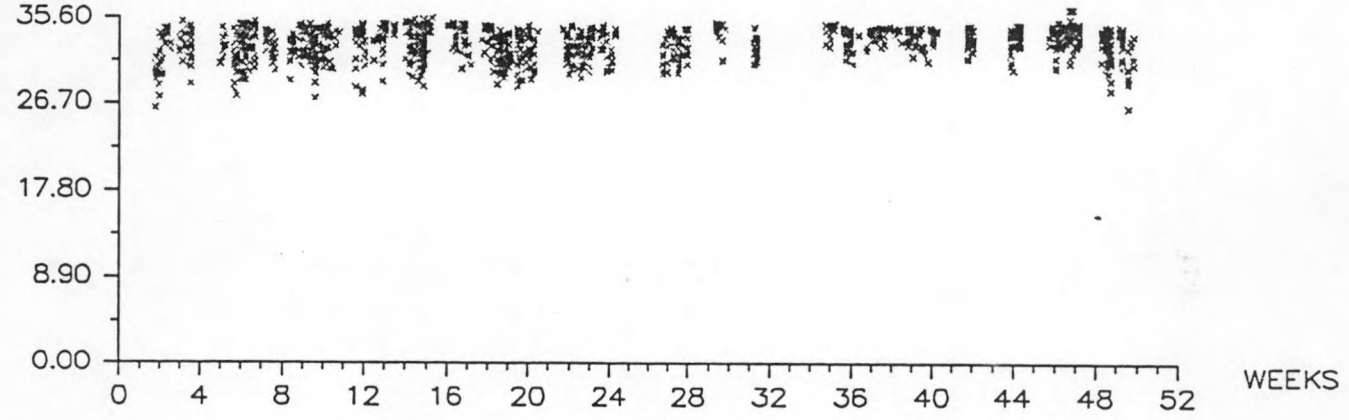
DEPTH–RANGE

UPPER : 0

LOWER : 2000

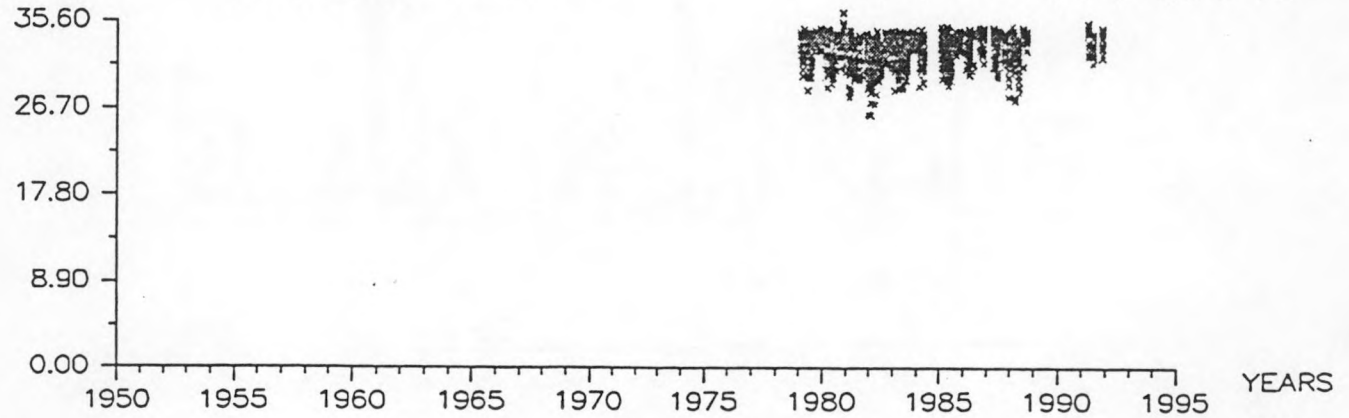
PSU ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 2



PSU PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 2

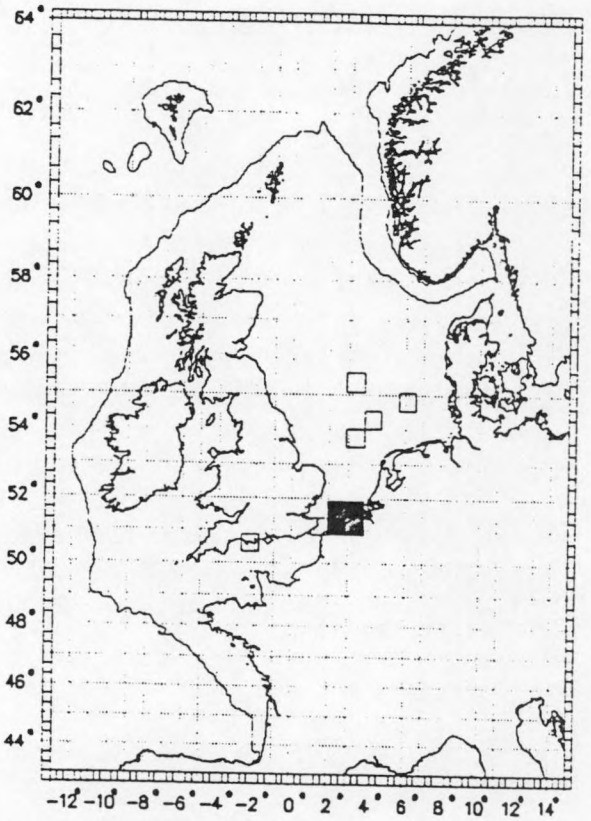


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020601
ENAME : MUMM (OOST)
UNITS : PSU
NO. OF DATA : 1477
NO. OF POSITIONS : 64



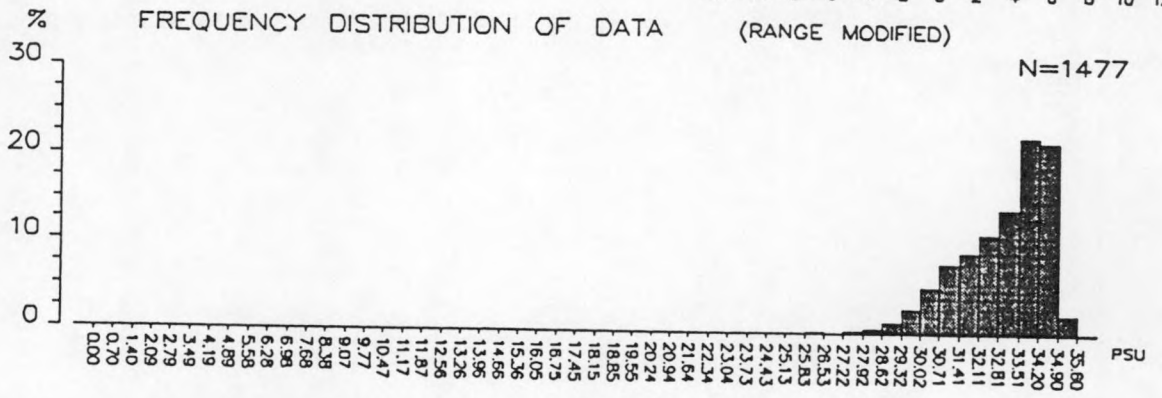
NO. OF DATA/AREA :
(without longterm data series !)

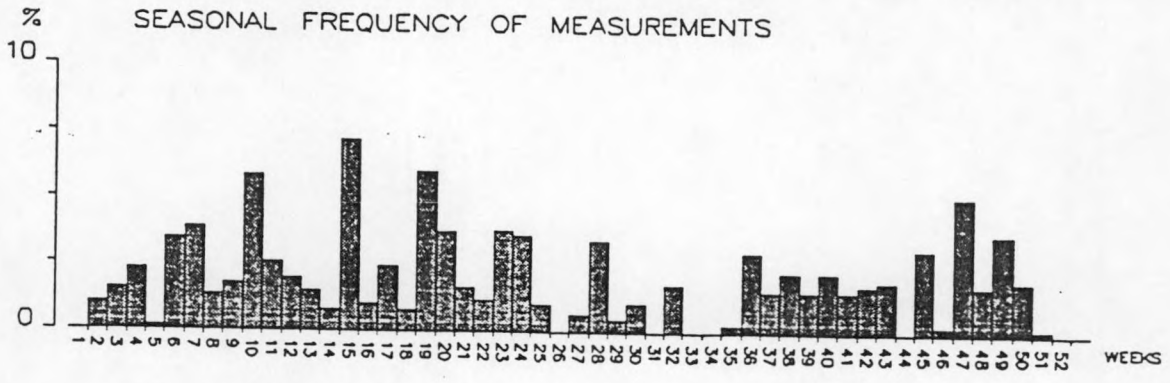
<	543	<	232
<	465	<	155
<	387	<	77
<	310	=	0

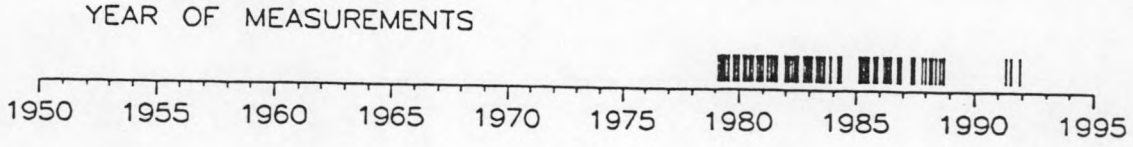
MINIMUM : 26.10
MAXIMUM : 35.90

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020301

ENAME : NIOZ/Eisma, D.

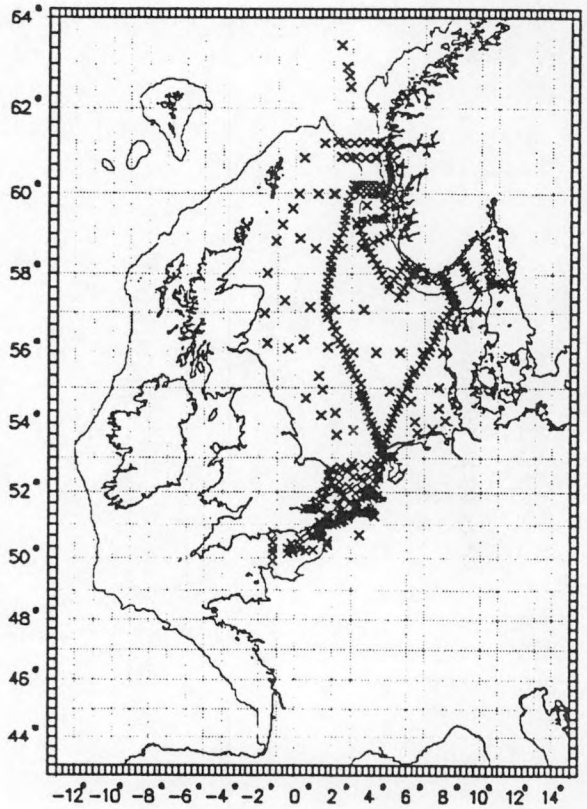
UNITS : PSU

NO. OF POSITIONS : 390

NO. OF DATA : 1088

MINIMUM : 1.90

MAXIMUM : 35.80



NO. OF DATA OUT OF RANGE : 2

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

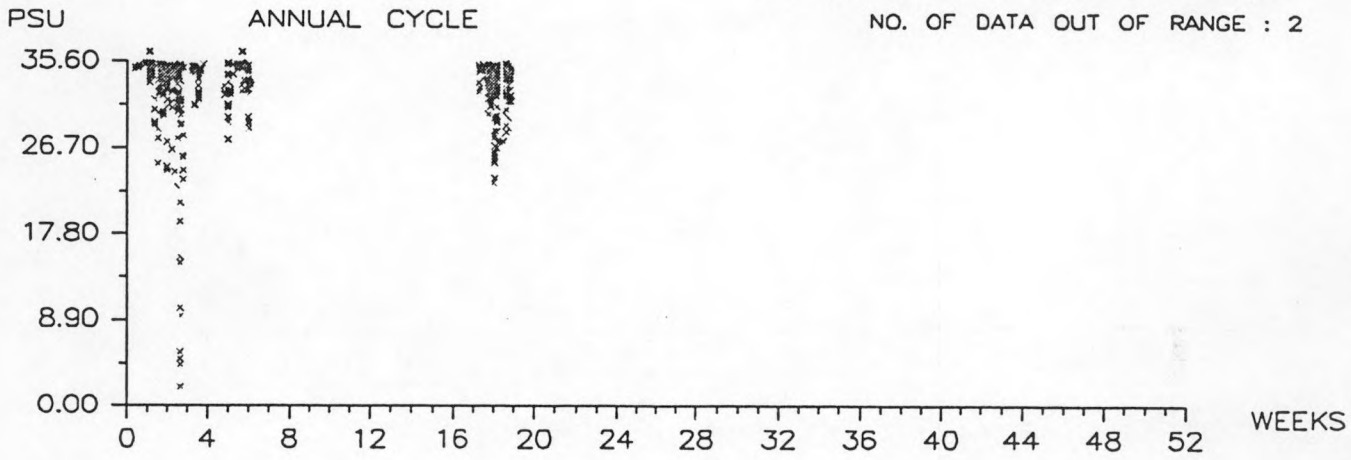
FIRST WEEK : 1

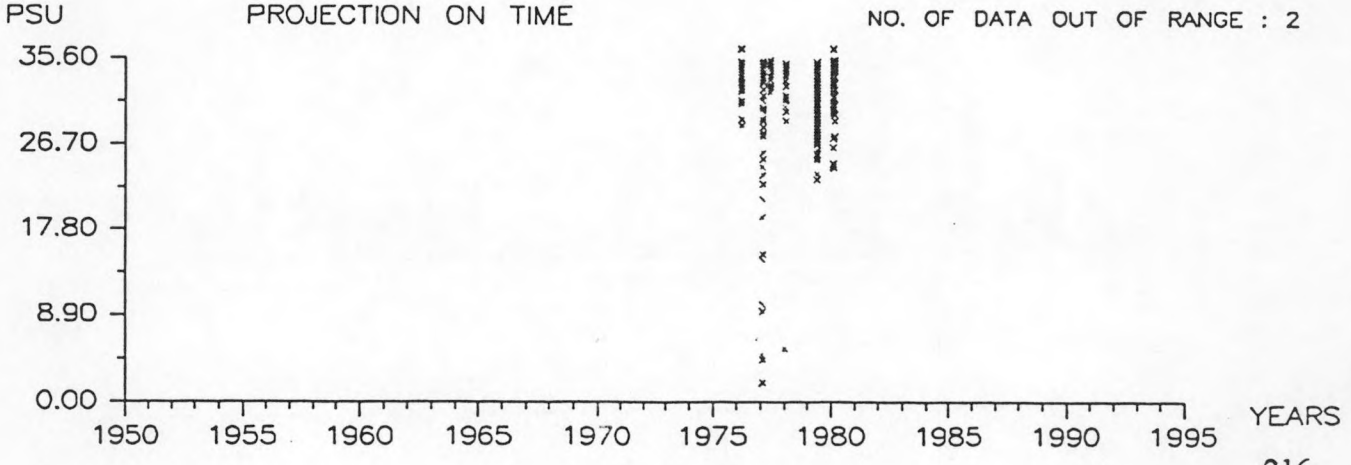
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





NO. OF DATA OUT OF RANGE : 2

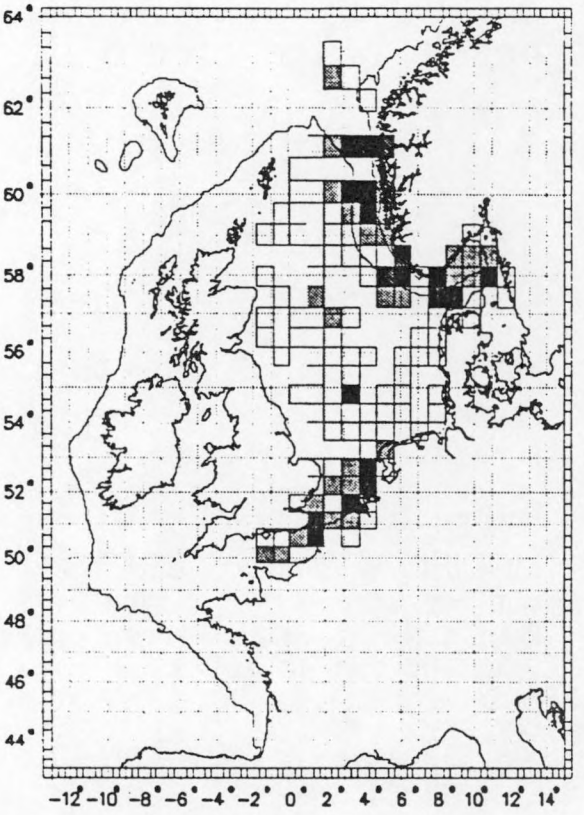
96–11–01

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020301
ENAME : NIOZ/Eisma, D.
UNITS : PSU
NO. OF DATA : 1088
NO. OF POSITIONS : 390



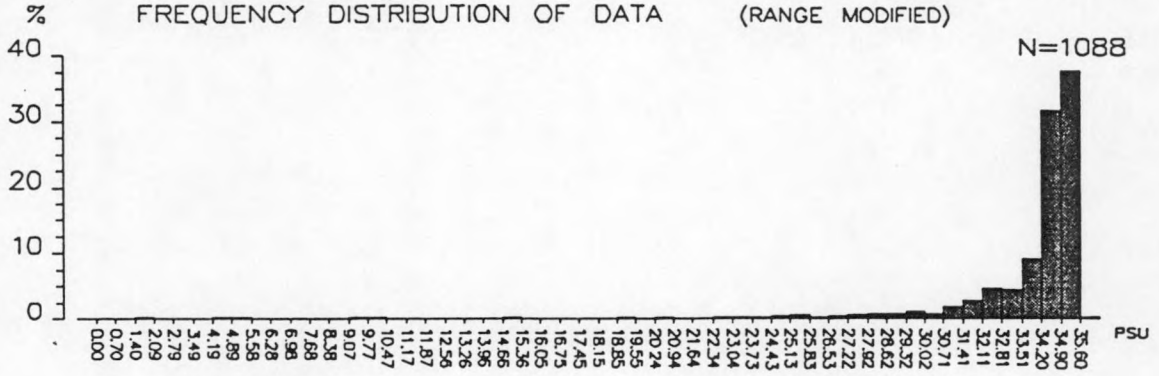
NO. OF DATA/AREA :
(without longterm data series !)

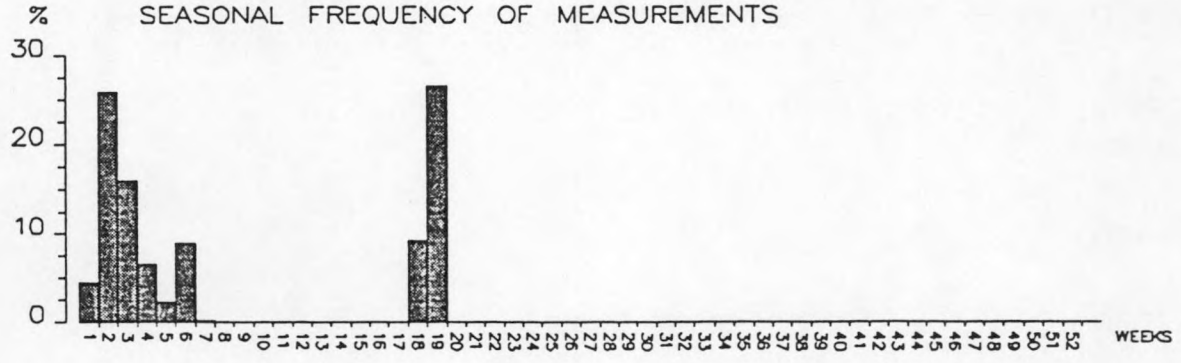
<	51	<	21
<	43	<	14
<	36	<	7
<	29	=	0

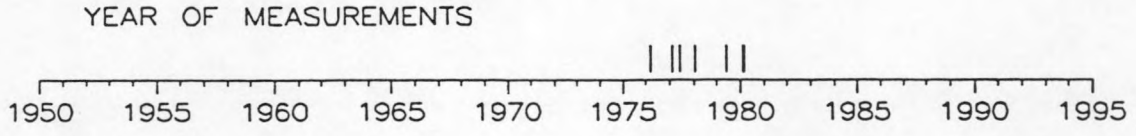
MINIMUM : 1.90
MAXIMUM : 35.80

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





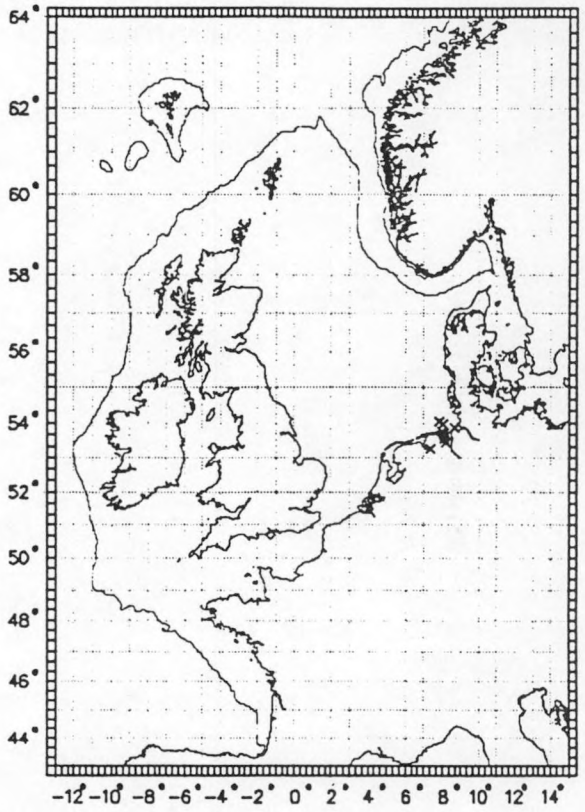


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

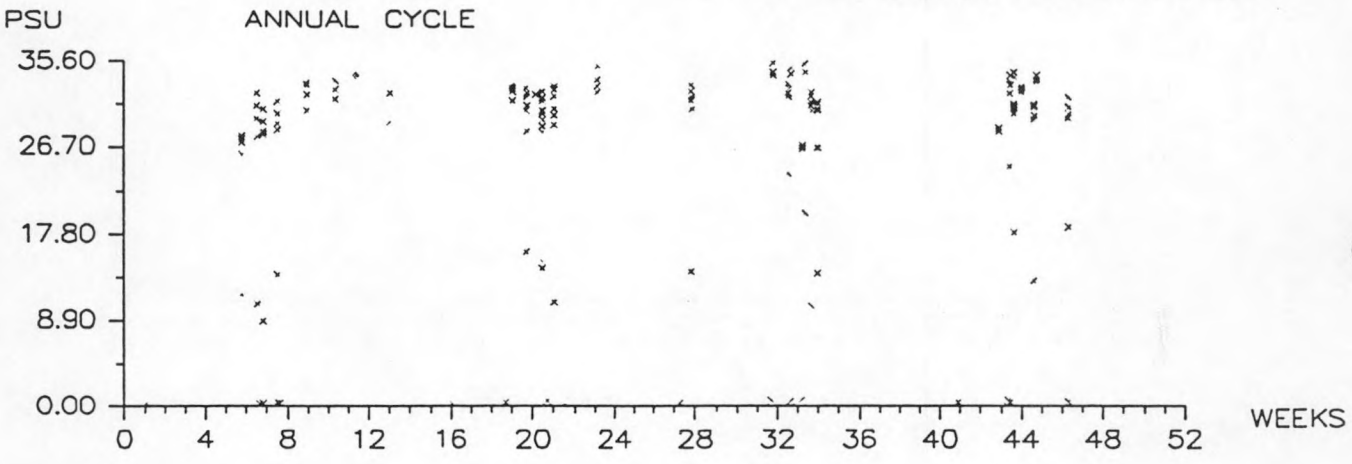
SALINITY

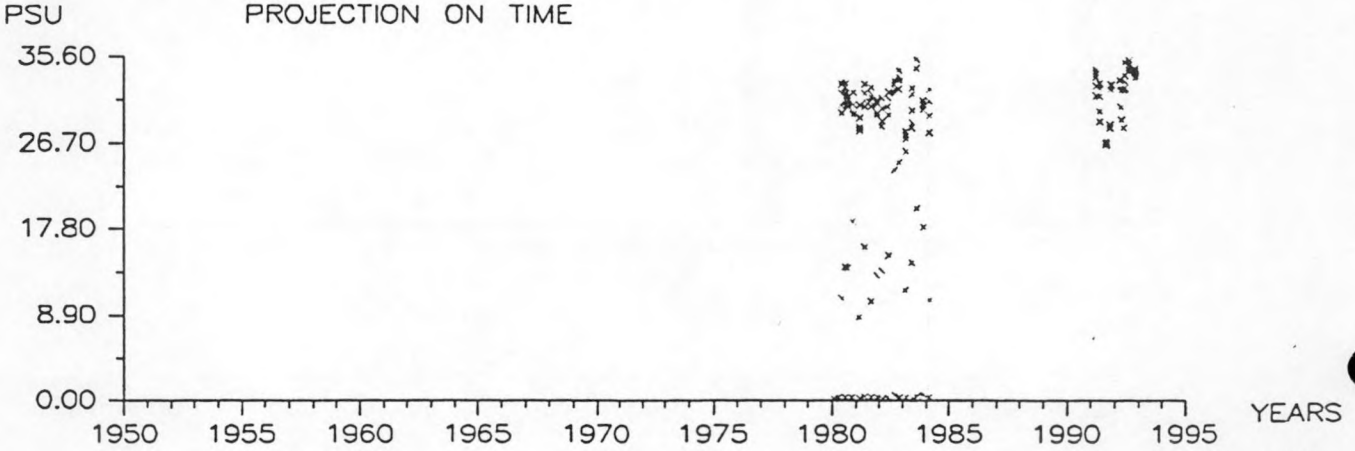
PCODE : 1002020001
ENAME : NLWHI
UNITS : PSU
NO. OF POSITIONS : 9
NO. OF DATA : 167
MINIMUM : 0.17
MAXIMUM : 35.23



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



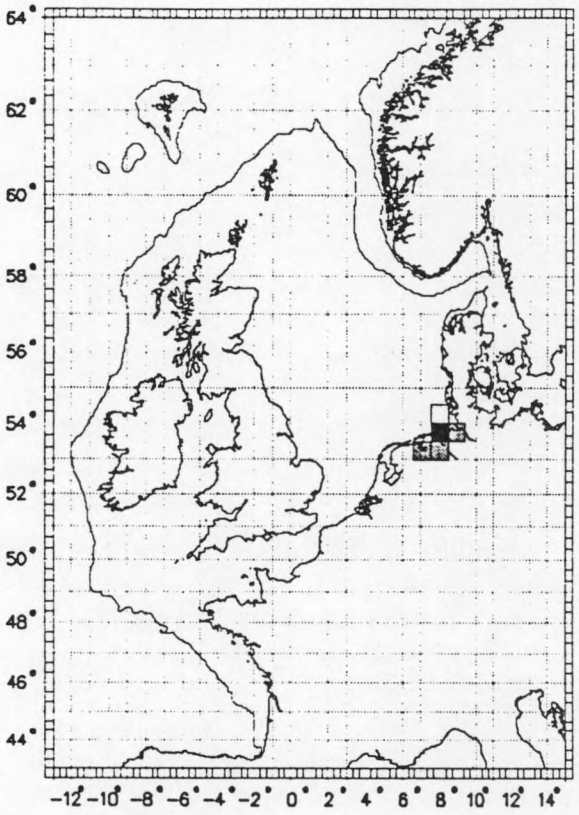


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : NLWHI
UNITS : PSU
NO. OF DATA : 167
NO. OF POSITIONS : 9



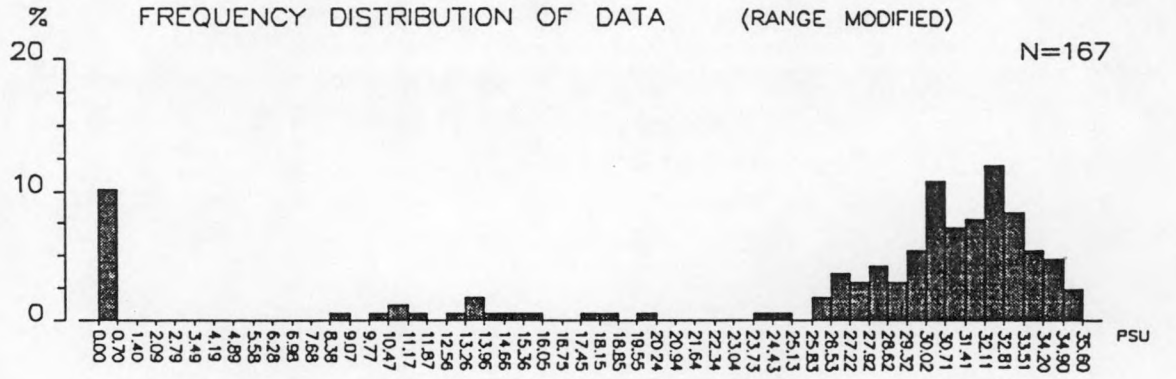
NO. OF DATA/AREA :
(without longterm data series !)

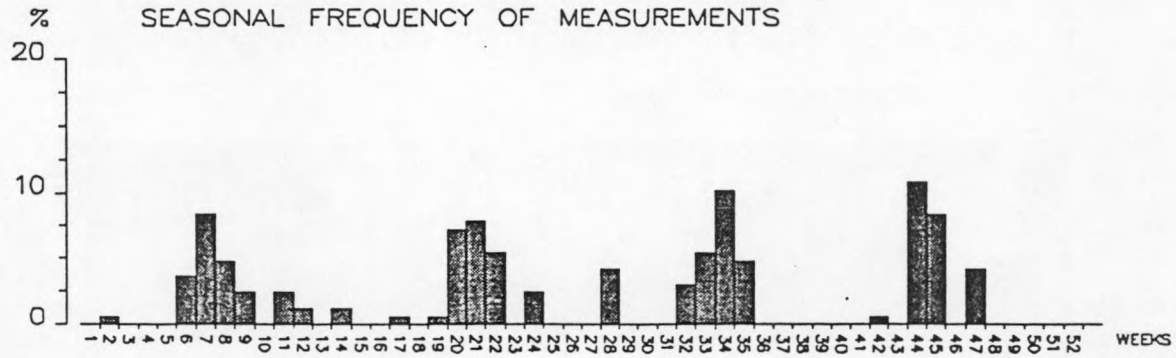
<	100	<	42
<	85	<	28
<	71	<	14
<	57	=	0

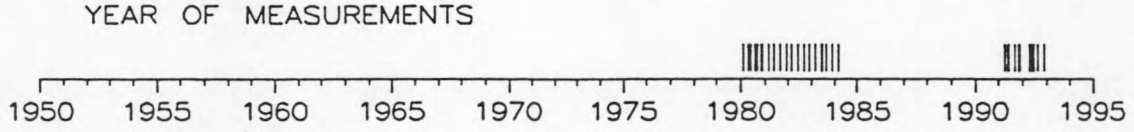
MINIMUM : 0.17
MAXIMUM : 35.23

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





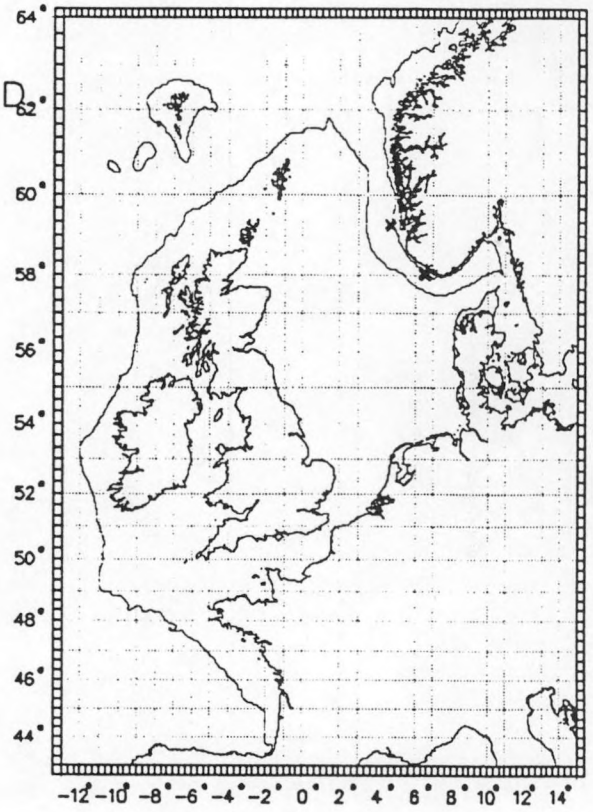


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

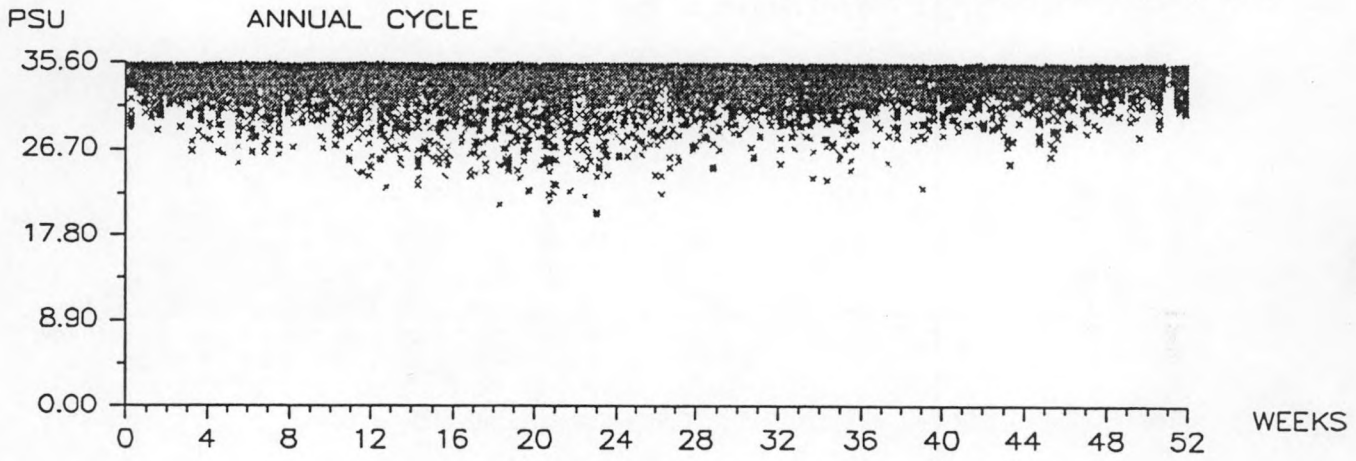
SALINITY

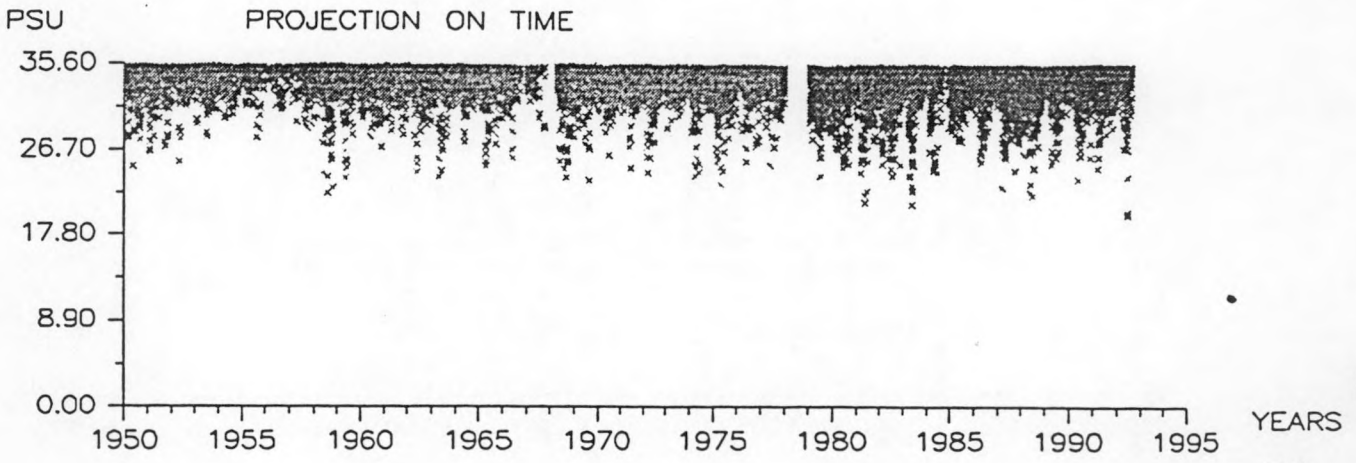
PCODE : 1002020001
ENAME : NOD (Norwegian Ocean D
UNITS : PSU
NO. OF POSITIONS : 11
NO. OF DATA : 21178
MINIMUM : 19.86
MAXIMUM : 35.40



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



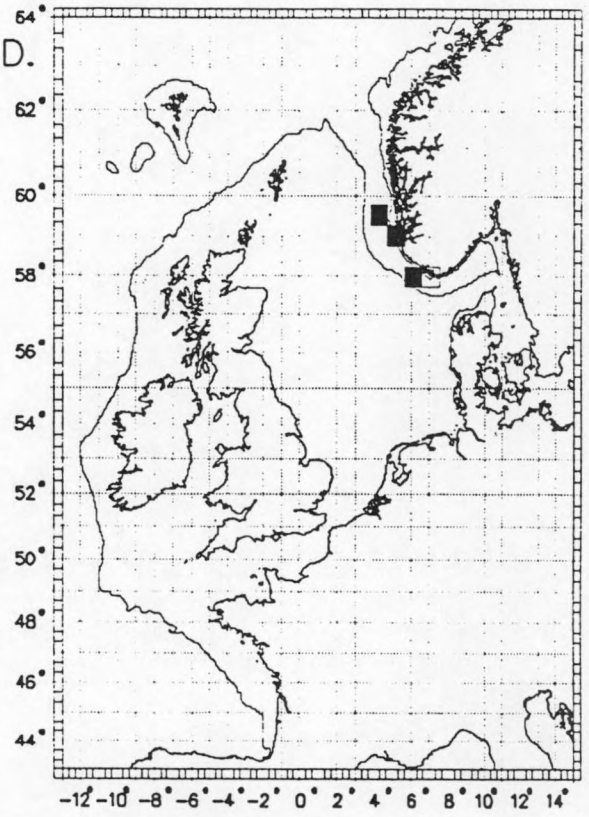


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : NOD (Norwegian Ocean D.
UNITS : PSU
NO. OF DATA : 21178
NO. OF POSITIONS : 11



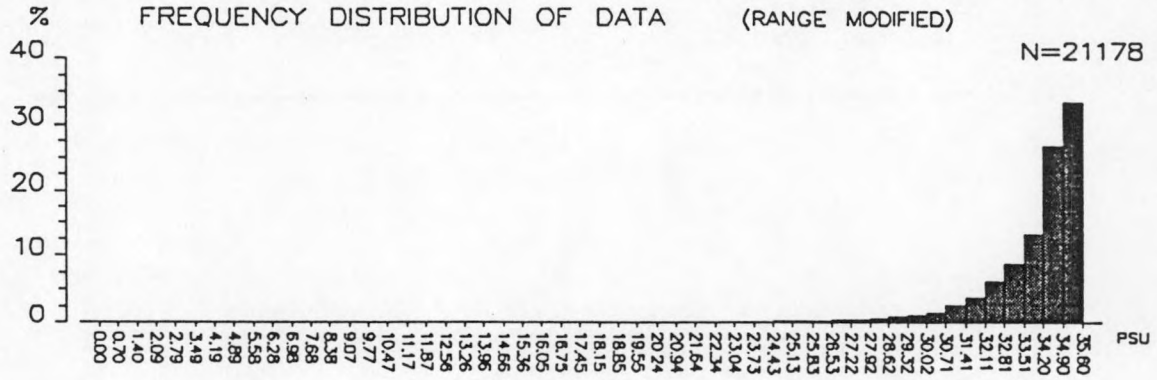
NO. OF DATA/AREA :
(without longterm data series !)

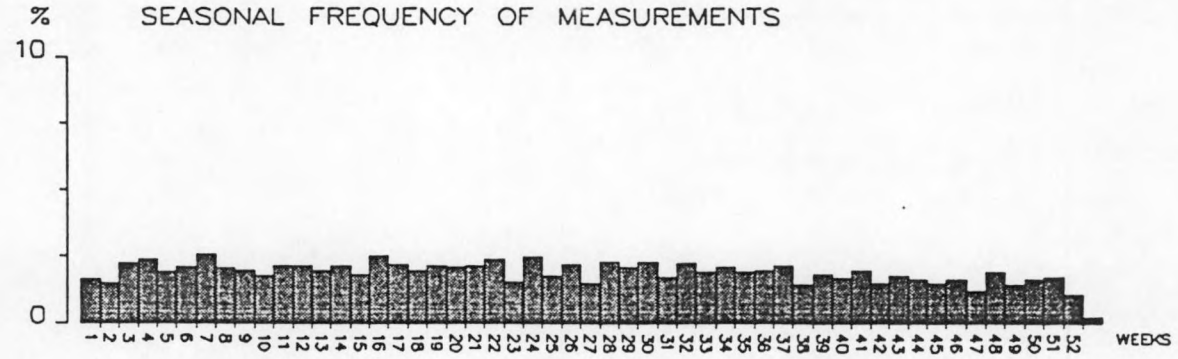
< 10603	< 4544
< 9088	< 3029
< 7573	< 1514
< 6058	= 0

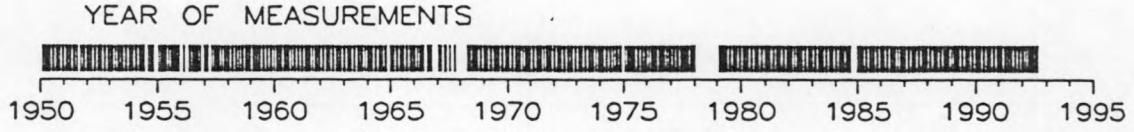
MINIMUM : 19.86
MAXIMUM : 35.40

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002021701

ENAME : Slinn, D.J. and Allen,.

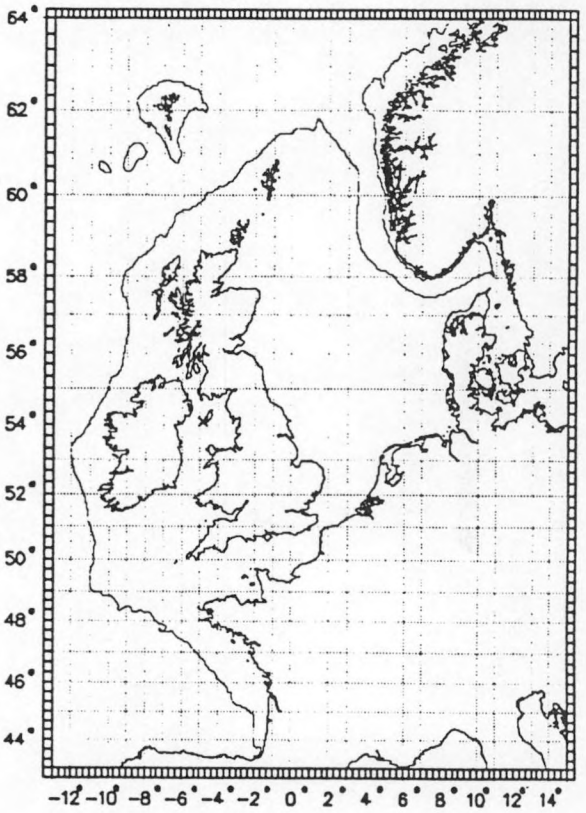
UNITS : PSU

NO. OF POSITIONS : 1

NO. OF DATA : 813

MINIMUM : 33.35

MAXIMUM : 34.96

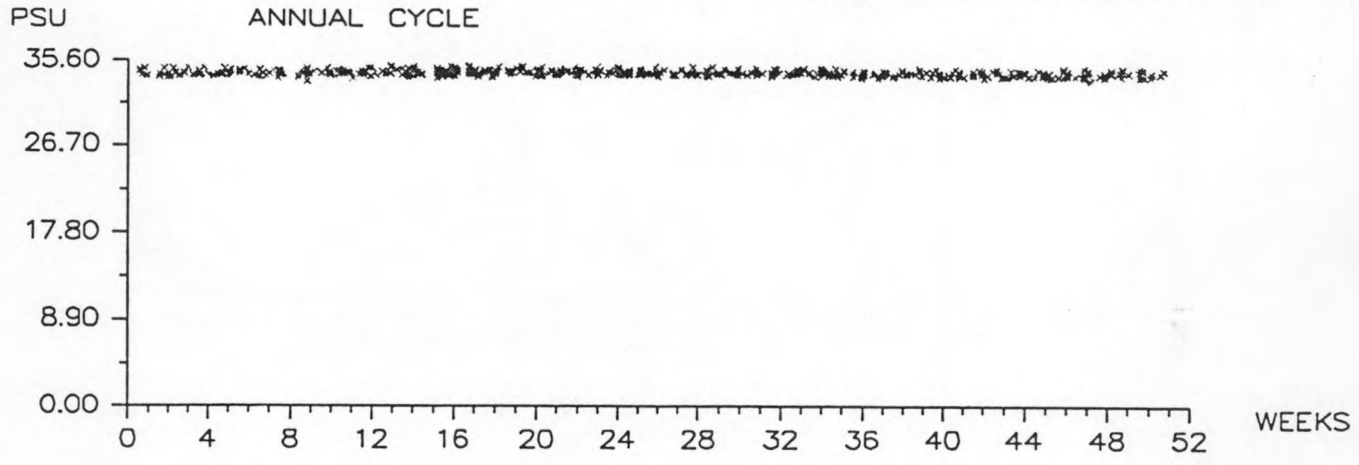


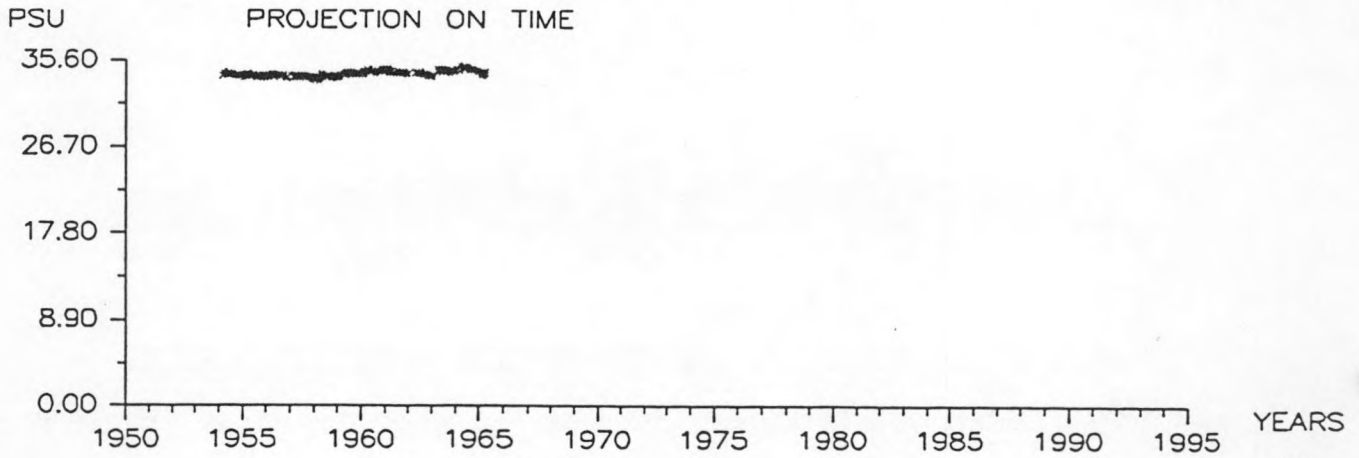
MODIFICATIONS

TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0
LOWER : 2000



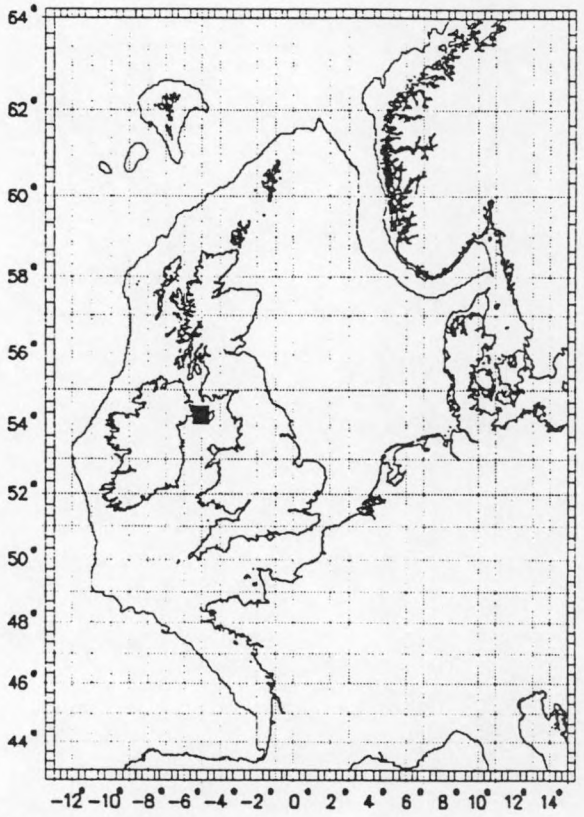


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002021701
ENAME : Slinn, D.J. and Allen,.
UNITS : PSU
NO. OF DATA : 813
NO. OF POSITIONS : 1



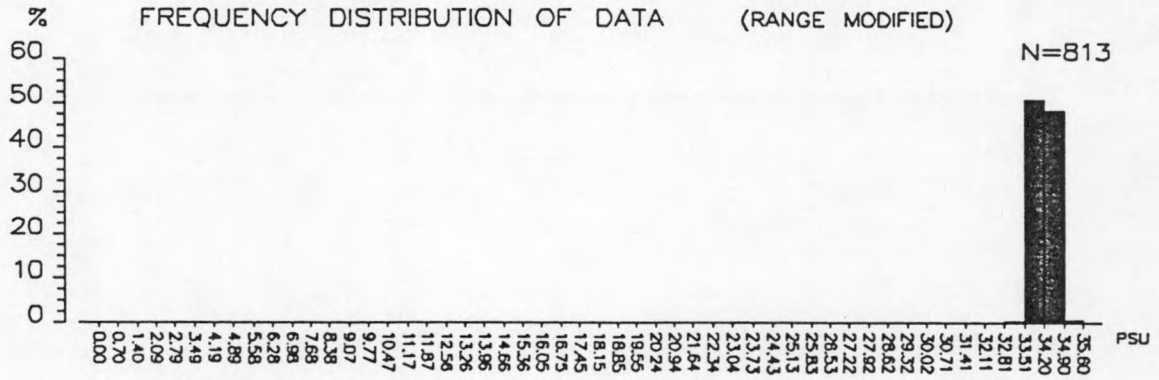
NO. OF DATA/AREA :
(without longterm data series !)

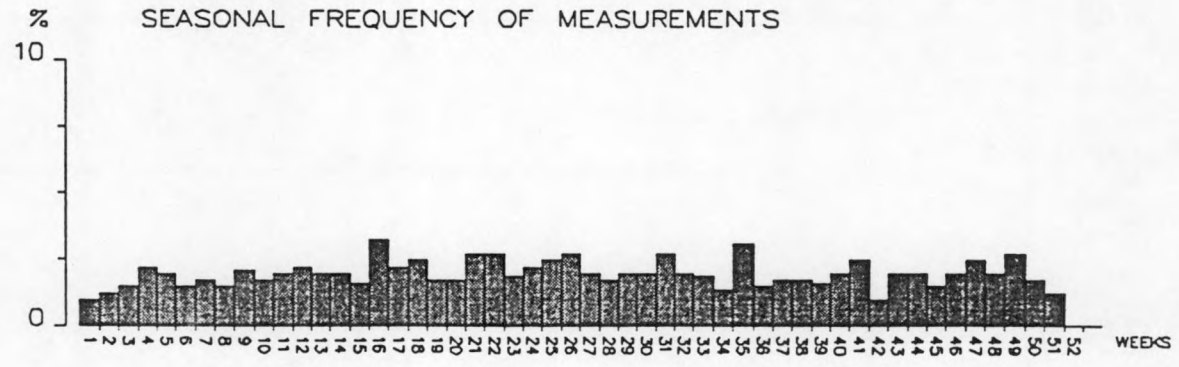
<	813	<	348
<	696	<	232
<	580	<	116
<	464	=	0

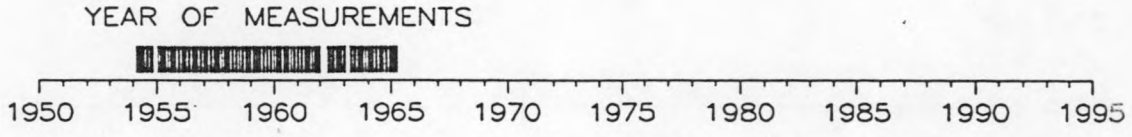
MINIMUM : 33.35
MAXIMUM : 34.96

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-11-01

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

SALINITY

PCODE : 1002021801

ENAME : Slinn, D.J. and Allen,.

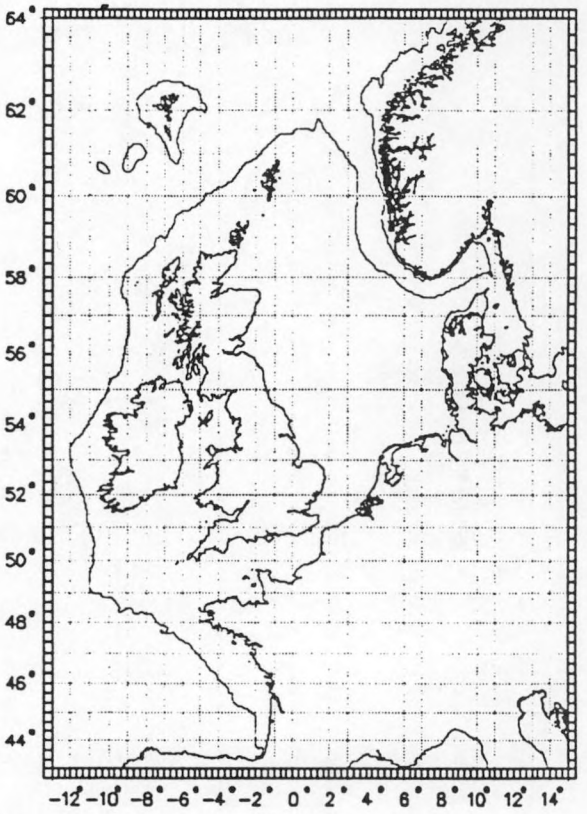
UNITS : PSU

NO. OF POSITIONS : 1

NO. OF DATA : 1546

MINIMUM : 33.00

MAXIMUM : 34.90



MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

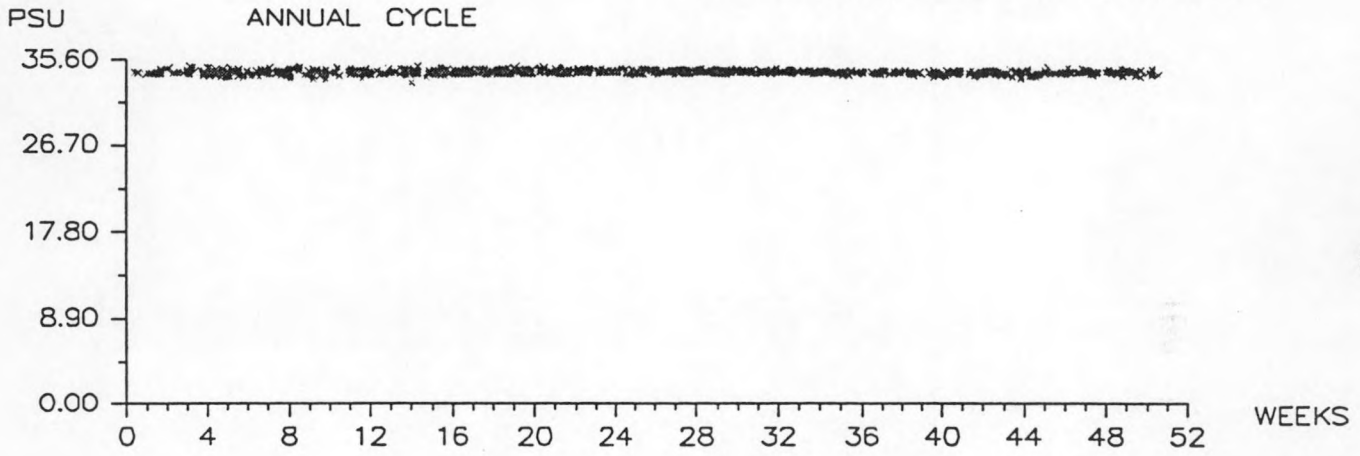
FIRST WEEK : 1

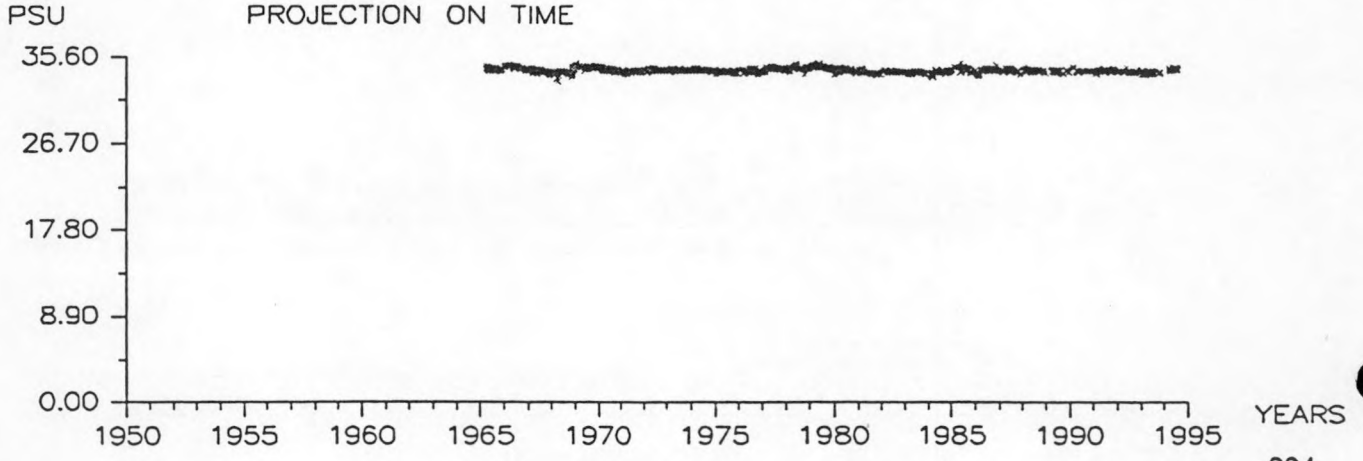
LAST WEEK : 53

DEPTH—RANGE

UPPER : 0

LOWER : 2000





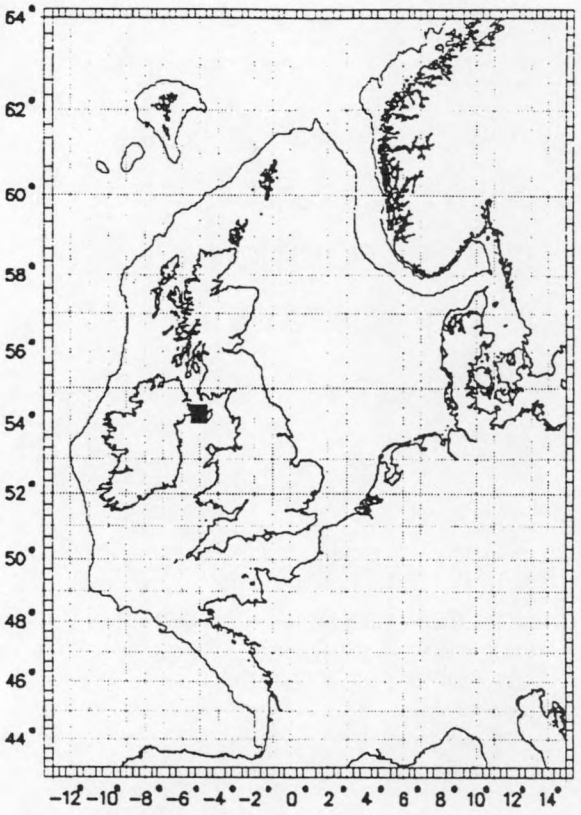
96—11—01

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002021801
ENAME : Slinn, D.J. and Allen,.
UNITS : PSU
NO. OF DATA : 1546
NO. OF POSITIONS : 1



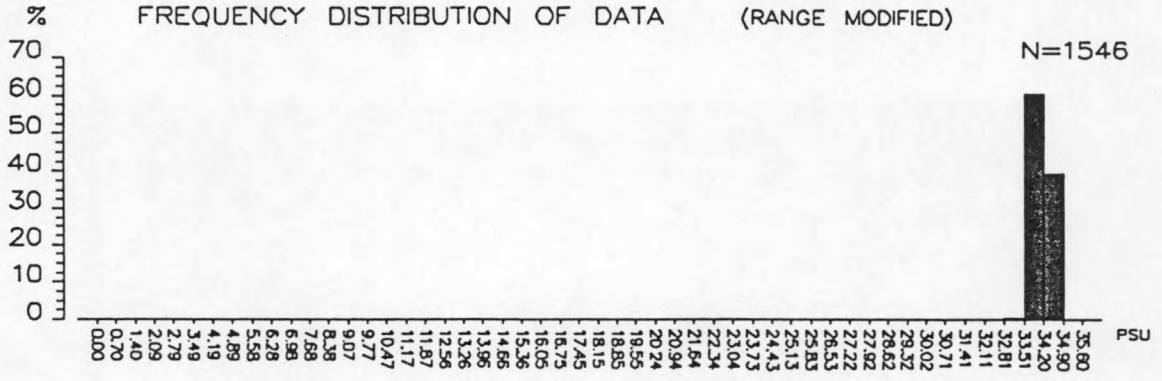
NO. OF DATA/AREA :
(without longterm data series !)

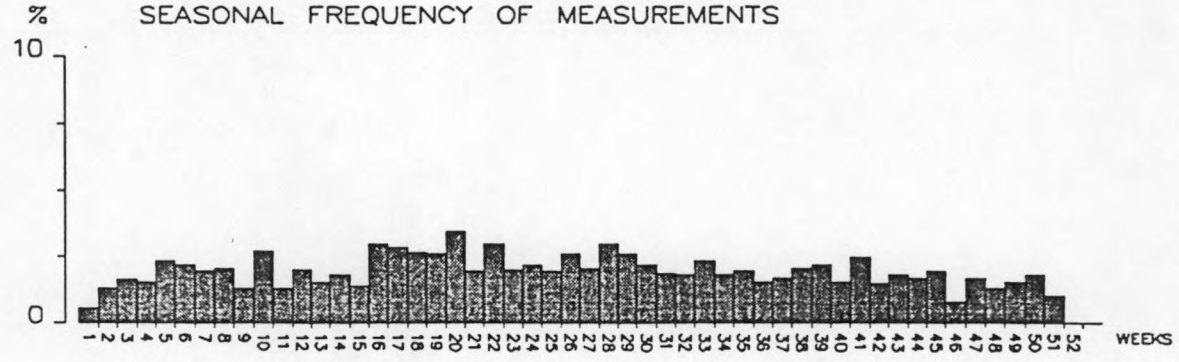
< 1546	< 662
< 1325	< 441
< 1104	< 220
< 883	= 0

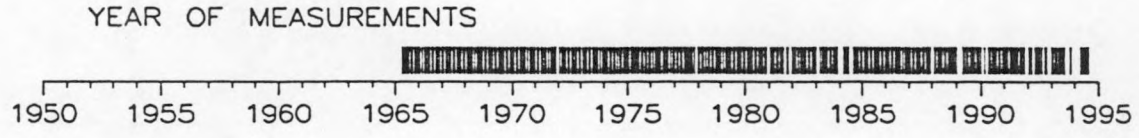
MINIMUM : 33.00
MAXIMUM : 34.90

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-11-01

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : RWS/Laane, R.

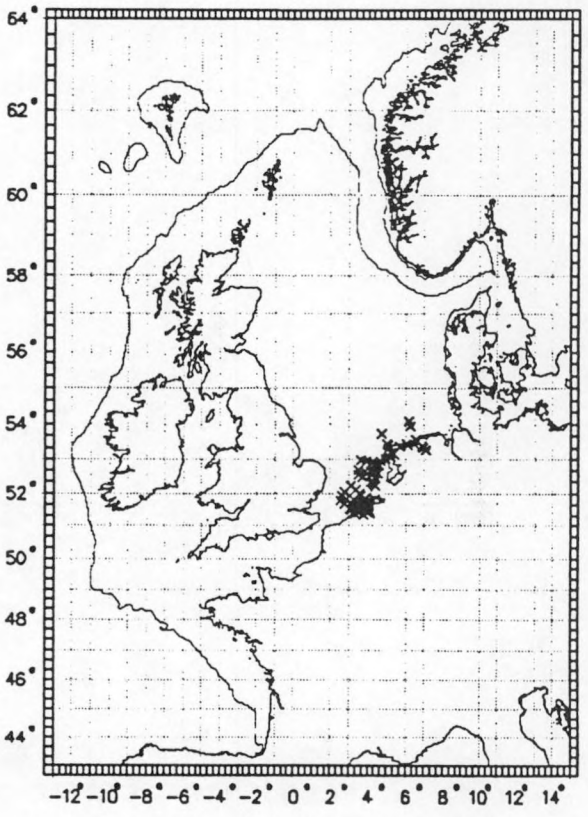
UNITS : PSU

NO. OF POSITIONS : 81

NO. OF DATA : 12489

MINIMUM : 0.03

MAXIMUM : 38.84



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

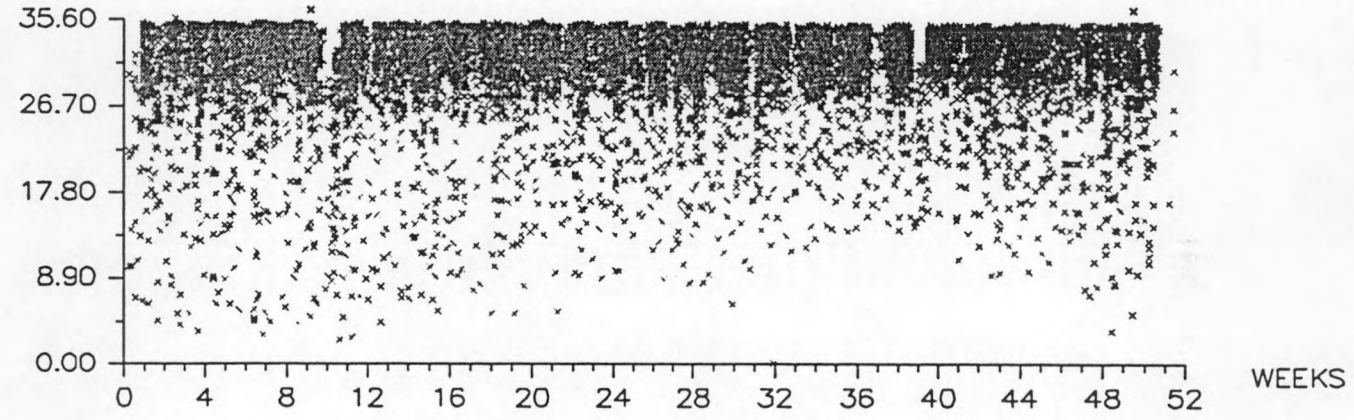
LAST WEEK : 53

DEPTH–RANGE

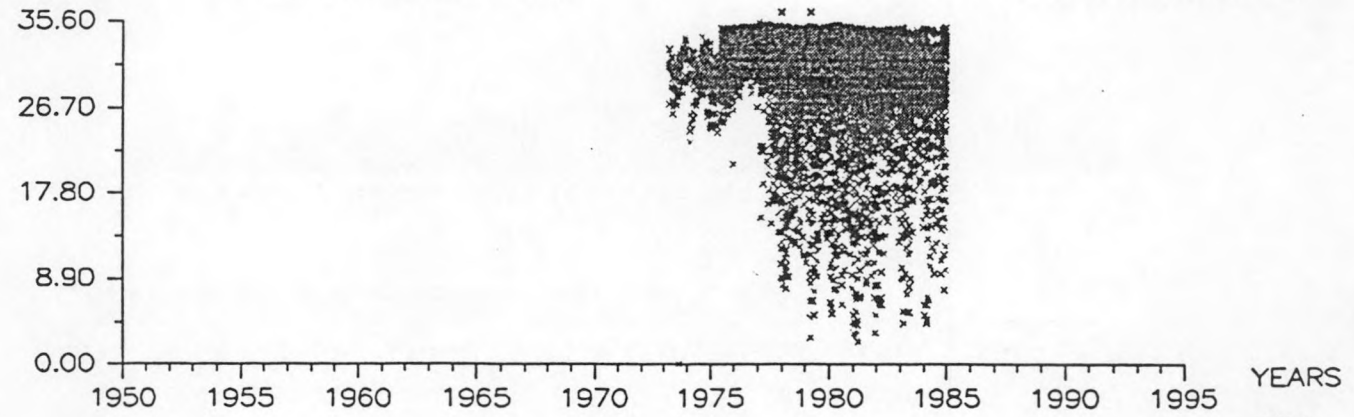
UPPER : 0

LOWER : 2000

PSU ANNUAL CYCLE NO. OF DATA OUT OF RANGE : 2



PSU PROJECTION ON TIME NO. OF DATA OUT OF RANGE : 2



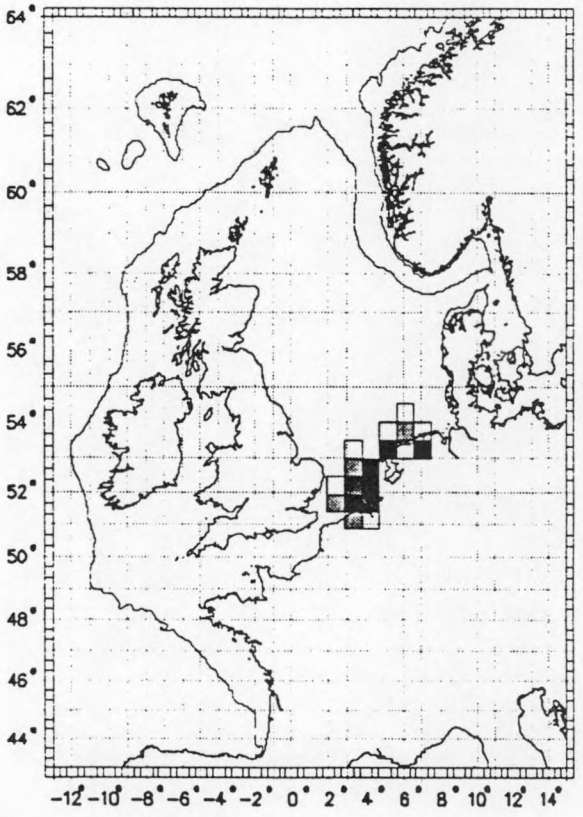
96–10–31

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : RWS/Laane, R.
UNITS : PSU
NO. OF DATA : 12489
NO. OF POSITIONS : 81



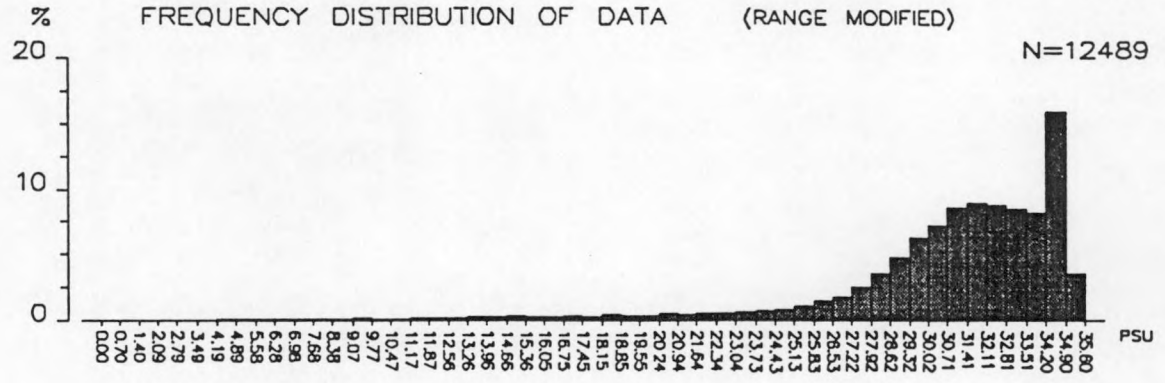
NO. OF DATA/AREA :
(without longterm data series !)

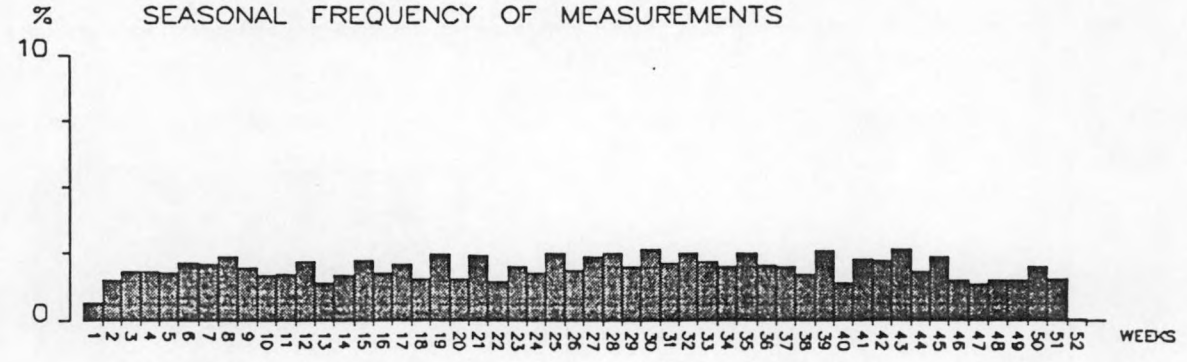
< 2402	< 1029
< 2058	< 686
< 1715	< 343
< 1372	= 0

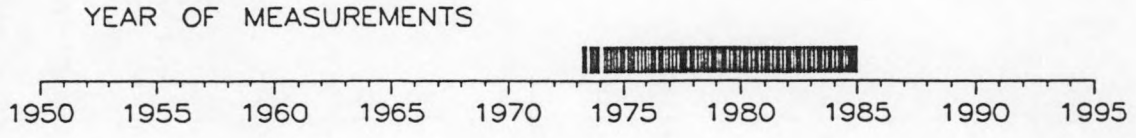
MINIMUM : 0.03
MAXIMUM : 38.84

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





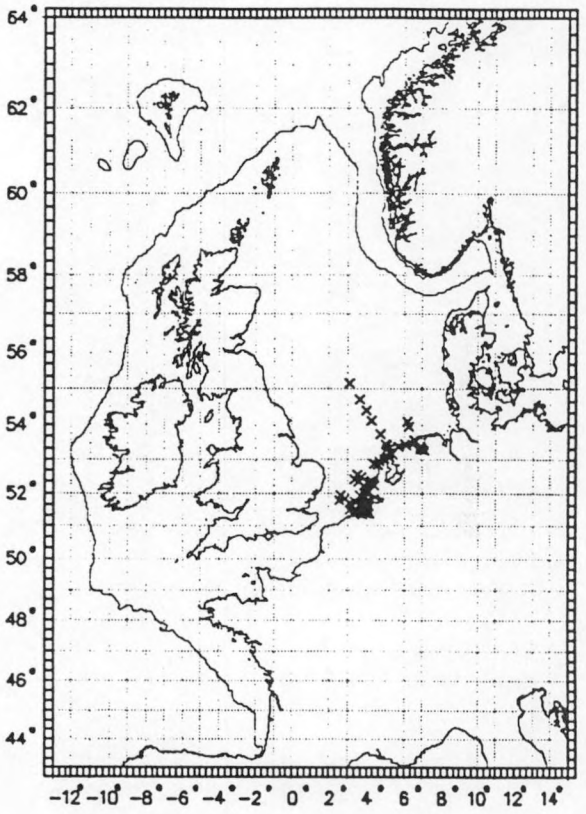


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

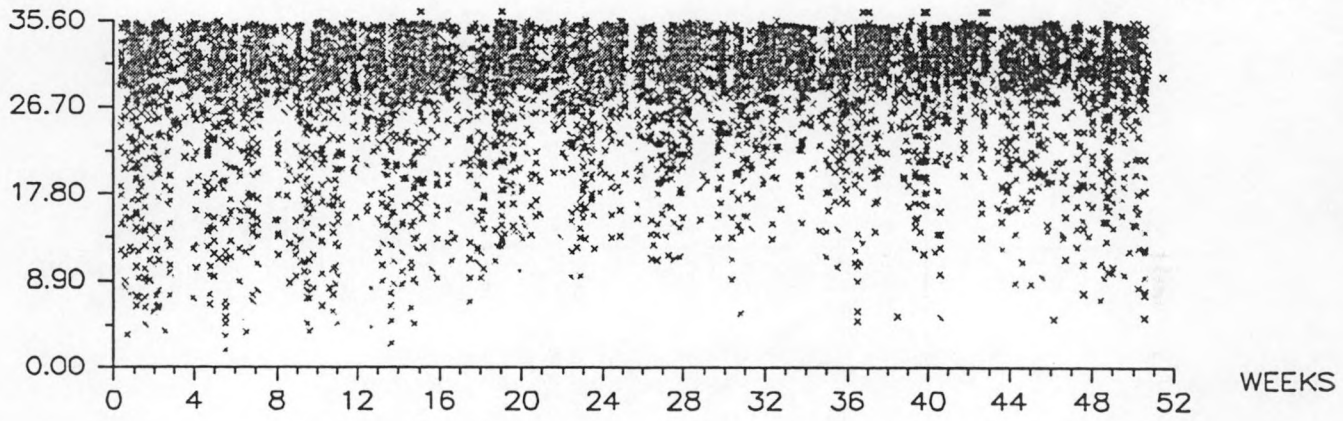
PCODE : 1002020801
ENAME : RWS/Laane, R.
UNITS : PSU
NO. OF POSITIONS : 75
NO. OF DATA : 7933
MINIMUM : 1.70
MAXIMUM : 36.55



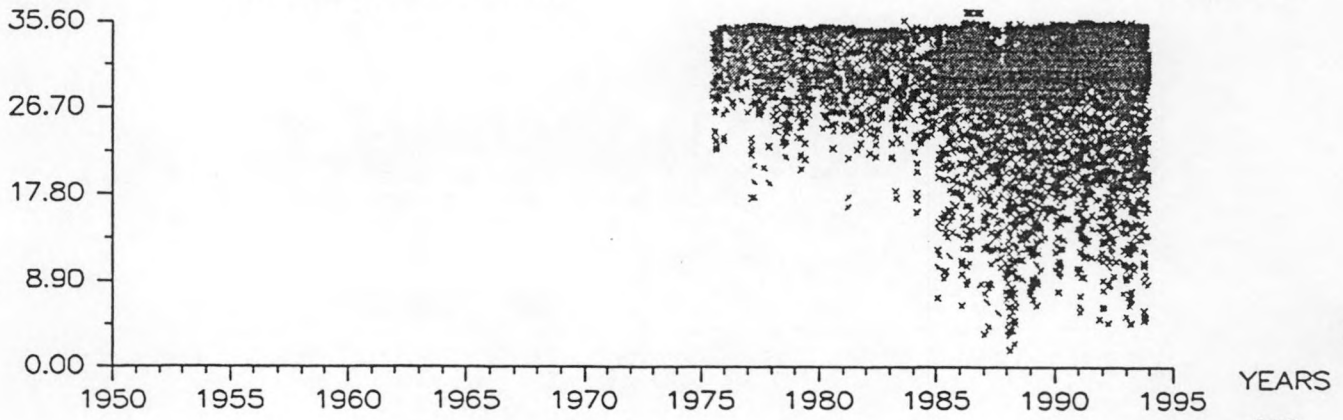
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

PSU ANNUAL CYCLE NO. OF DATA OUT OF RANGE : 12



PSU PROJECTION ON TIME NO. OF DATA OUT OF RANGE : 12



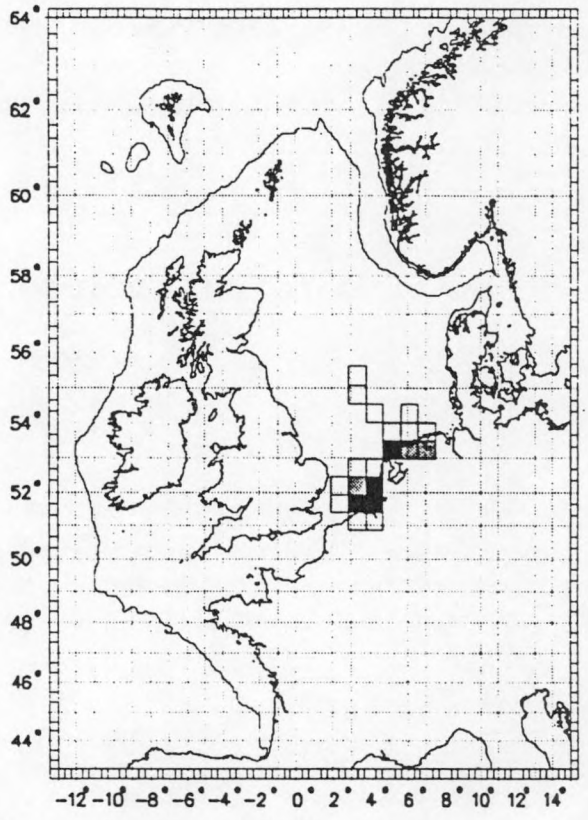
96–11–01

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020801
ENAME : RWS/Laane, R.
UNITS : PSU
NO. OF DATA : 7933
NO. OF POSITIONS : 75



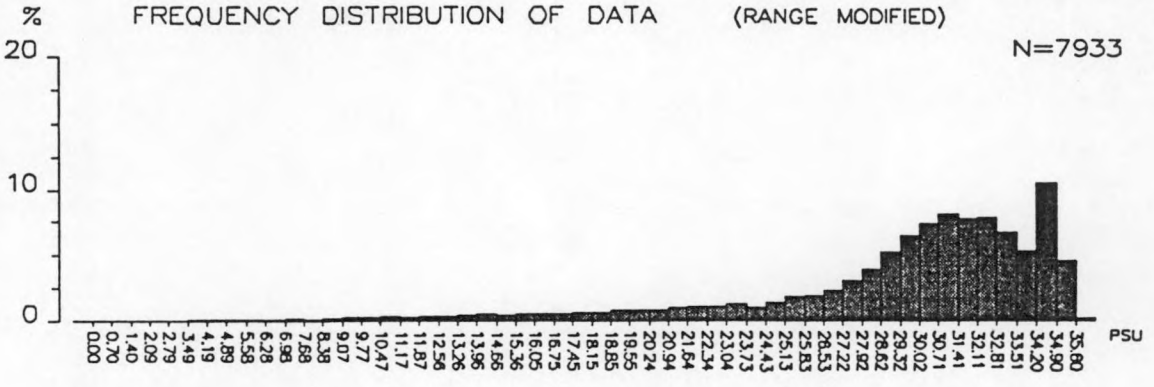
NO. OF DATA/AREA :
(without longterm data series !)

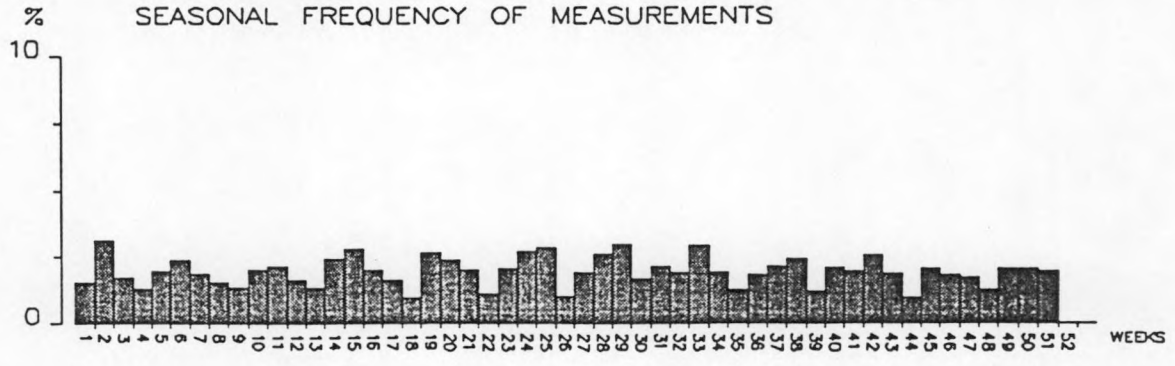
< 2240	< 960
< 1920	< 640
< 1600	< 320
< 1280	= 0

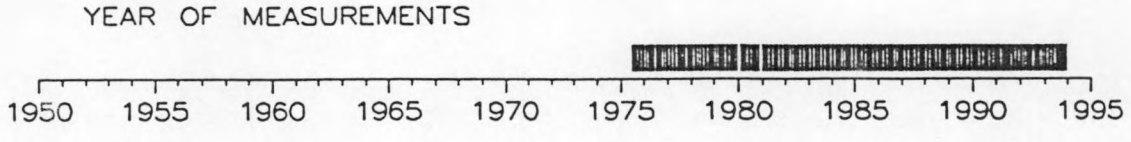
MINIMUM : 1.70
MAXIMUM : 36.55

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-11-01

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

SALINITY

PCODE : 1002020001

ENAME : RWS—RIZA Lelystad

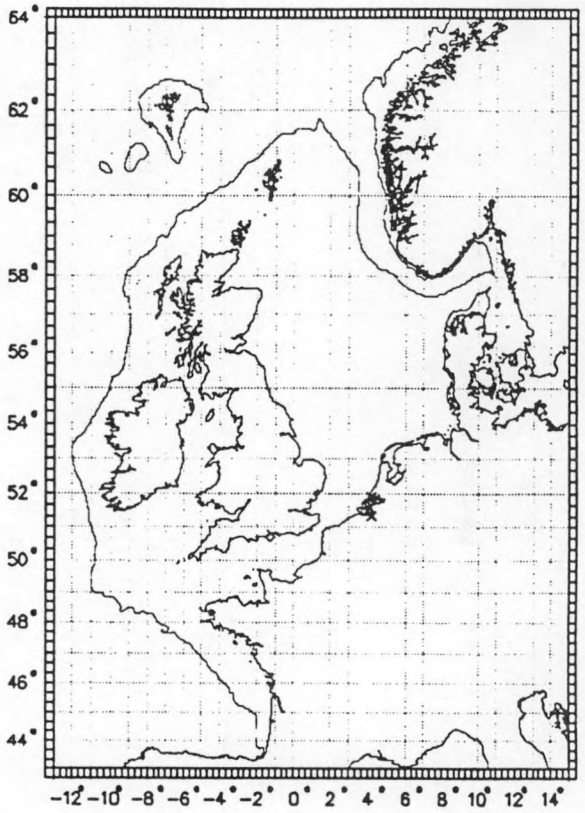
UNITS : PSU

NO. OF POSITIONS : 2

NO. OF DATA : 154

MINIMUM : 0.25

MAXIMUM : 14.58



MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

FIRST WEEK : 1

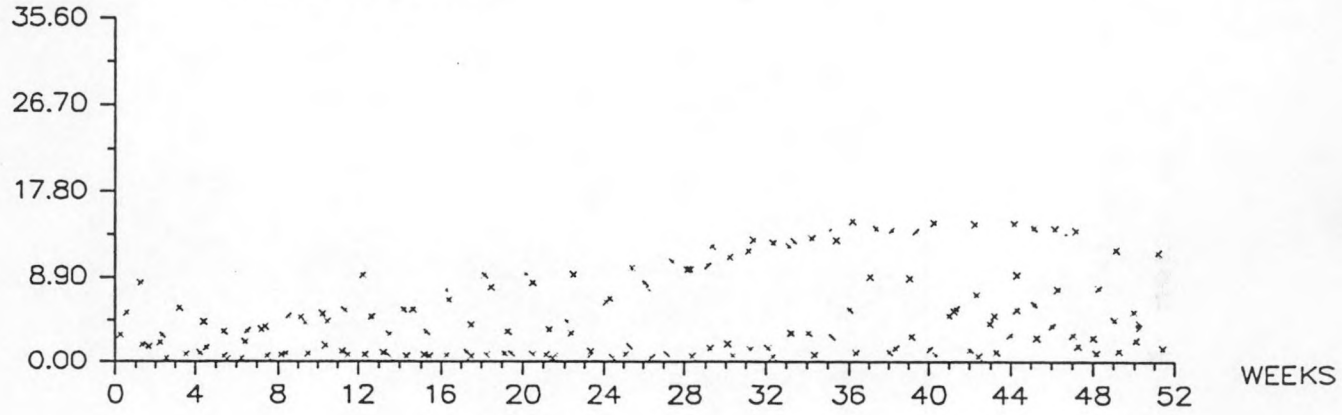
LAST WEEK : 53

DEPTH—RANGE

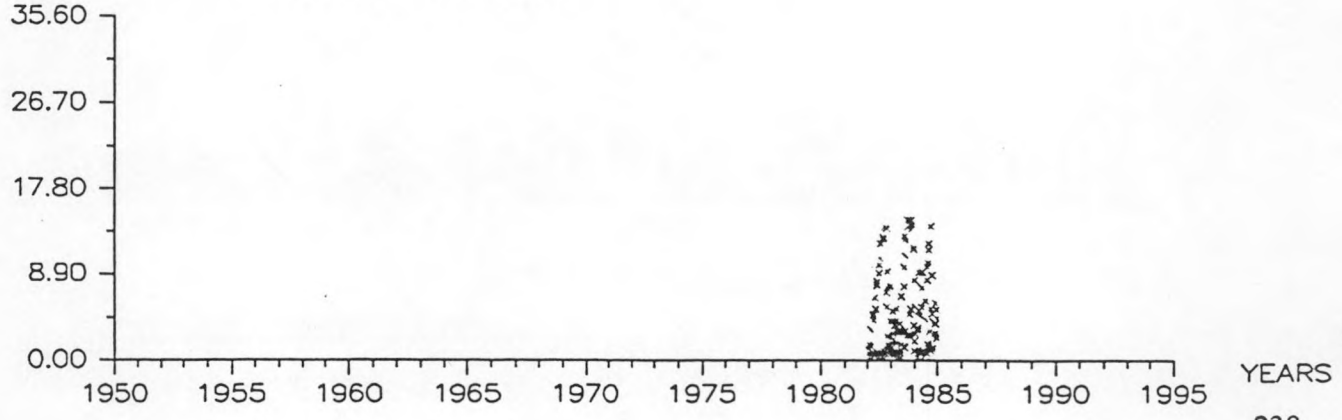
UPPER : 0

LOWER : 2000

PSU ANNUAL CYCLE



PSU PROJECTION ON TIME



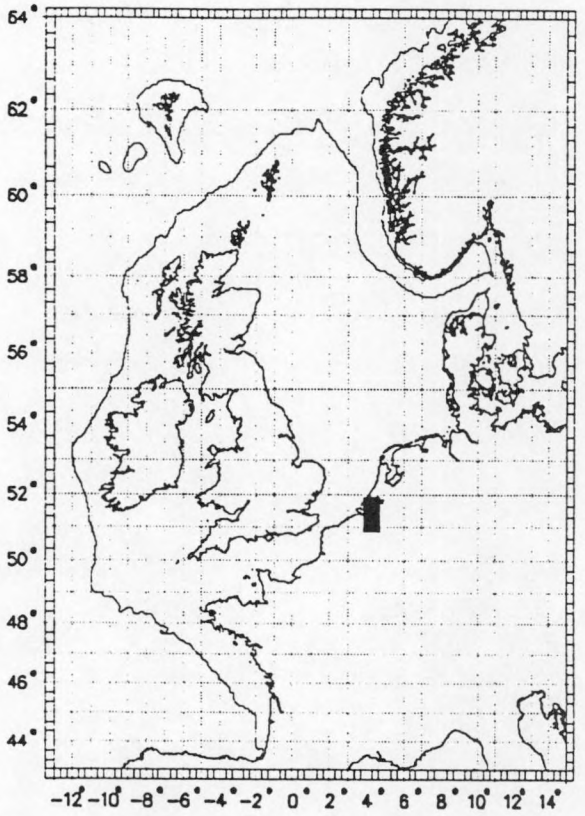
96—10—31

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020001
ENAME : RWS–RIZA Lelystad
UNITS : PSU
NO. OF DATA : 154
NO. OF POSITIONS : 2



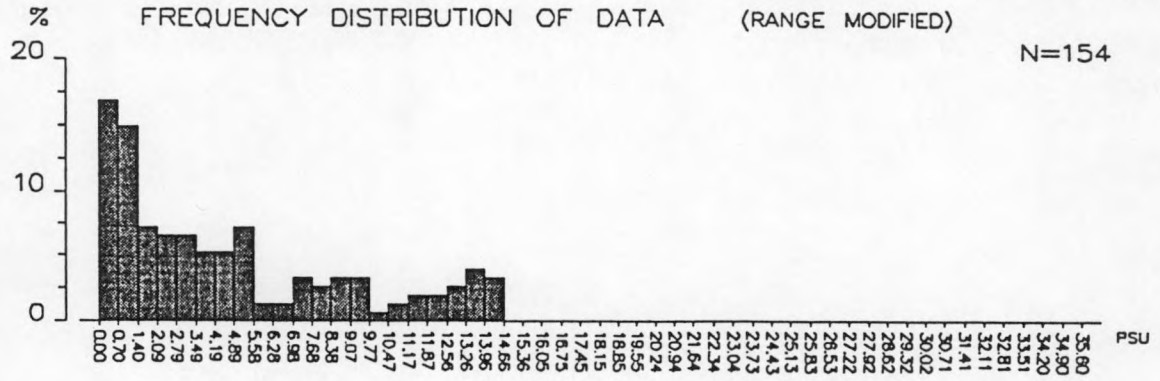
NO. OF DATA/AREA :
(without longterm data series !)

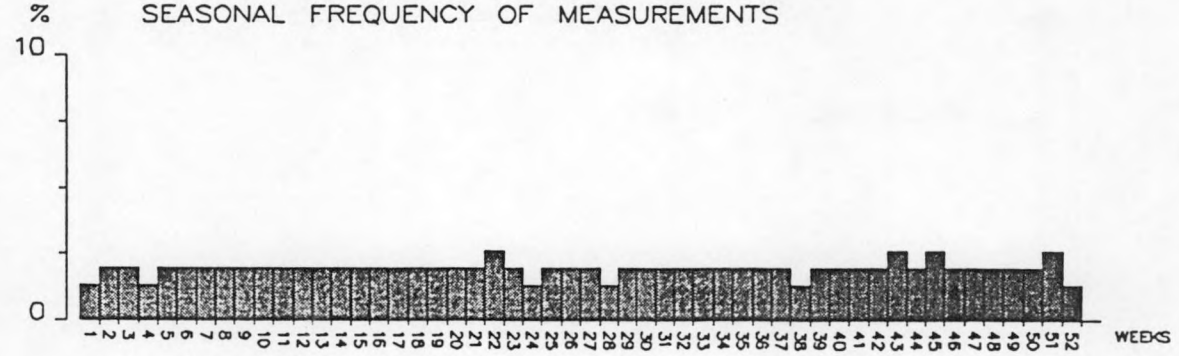
< 80	< 34
< 68	< 22
< 57	< 11
< 45	= 0

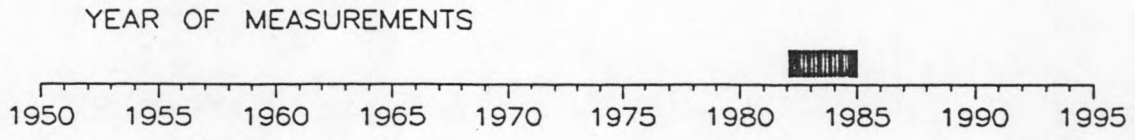
MINIMUM : 0.25
MAXIMUM : 14.58

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SALINITY

PCODE : 1002020801

ENAME : RWS–RIZA Lelystad

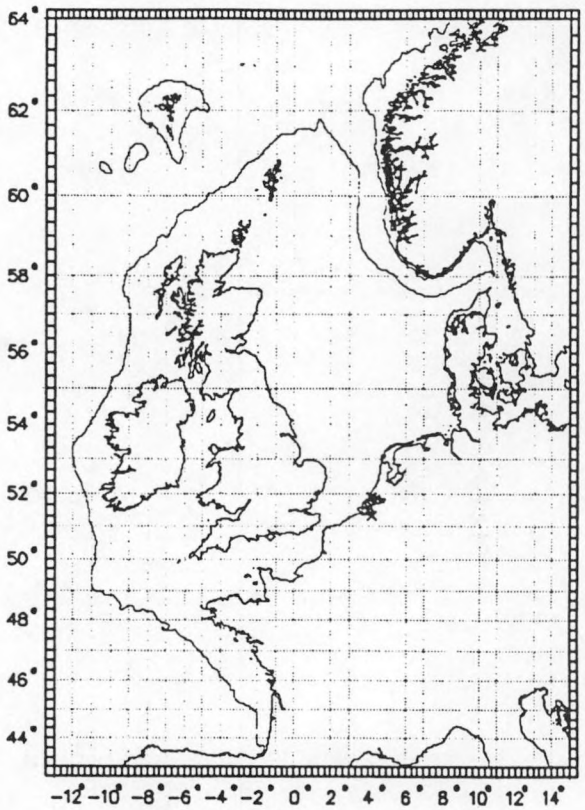
UNITS : PSU

NO. OF POSITIONS : 2

NO. OF DATA : 228

MINIMUM : 0.29

MAXIMUM : 17.66



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

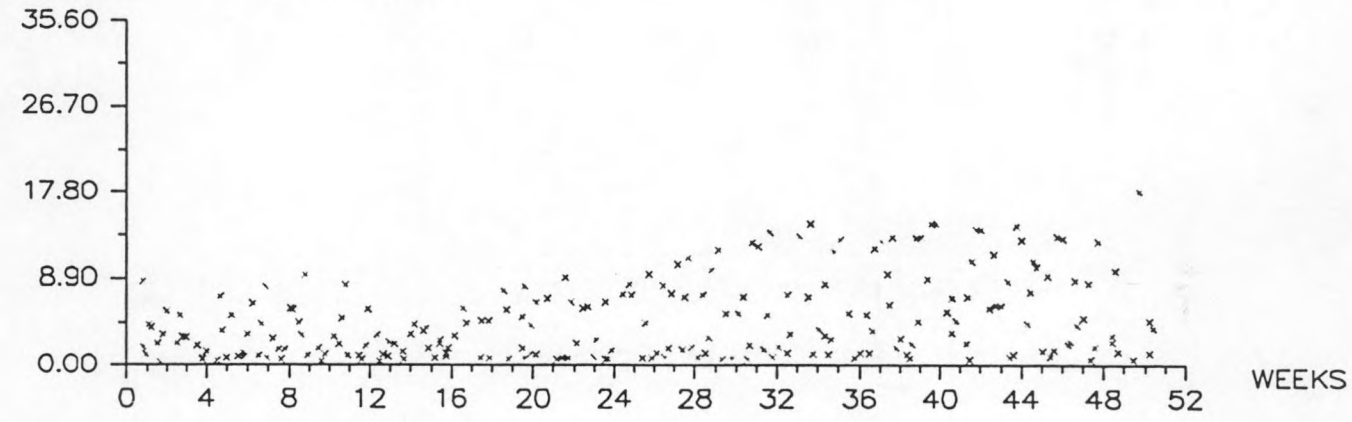
LAST WEEK : 53

DEPTH–RANGE

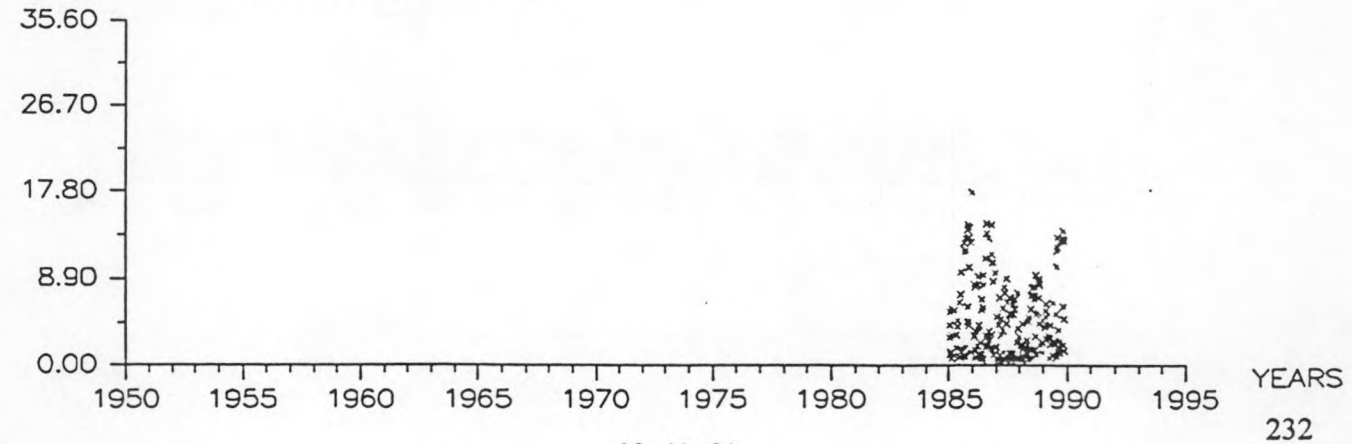
UPPER : 0

LOWER : 2000

PSU ANNUAL CYCLE



PSU PROJECTION ON TIME



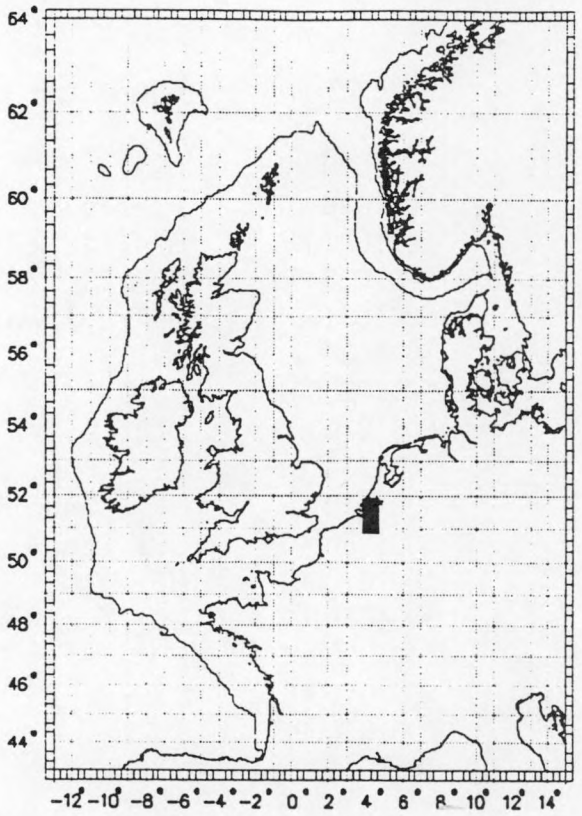
96–11–01

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SALINITY

PCODE : 1002020801
ENAME : RWS–RIZA Lelystad
UNITS : PSU
NO. OF DATA : 228
NO. OF POSITIONS : 2



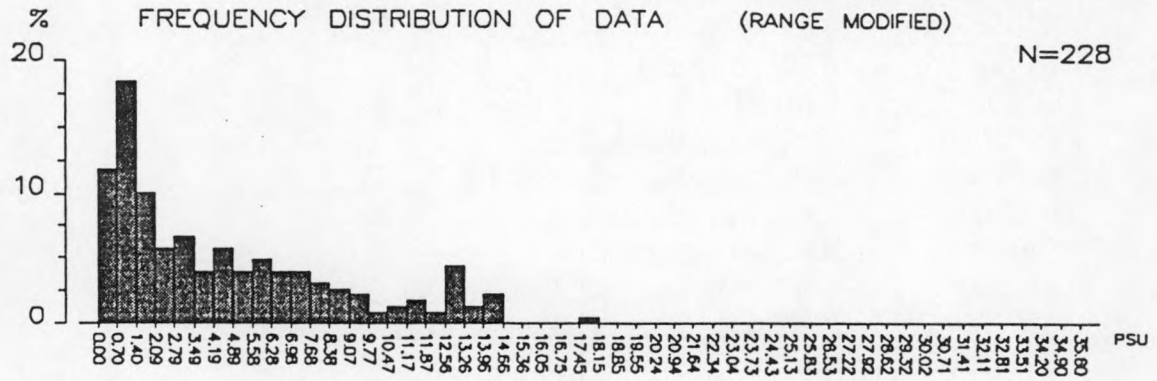
NO. OF DATA/AREA :
(without longterm data series !)

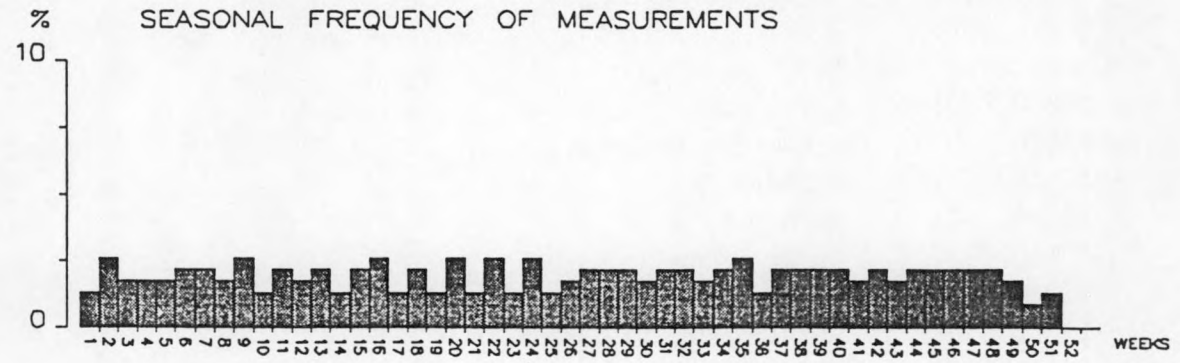
< 118	< 50
< 101	< 33
< 84	< 16
< 67	= 0

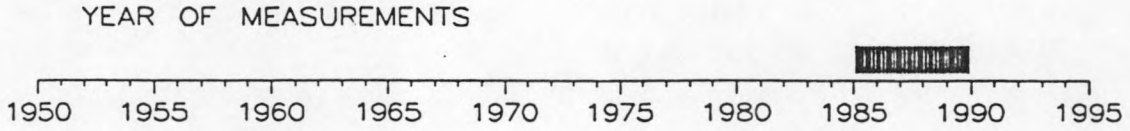
MINIMUM : 0.29
MAXIMUM : 17.66

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







6.3 Phosphate

PCODE	Originator	Number of data
5001020001	BAH	7914
5001020001	BAH	826
5001030096	BAH / Hickel, W.	1866
5001020001	BFA_IS	422
5001031301	BODC / Lowry, R.	6268
5001020001	BSH	3708
5001020001	BSH	310
5001030096	DOD	1496
5001033101	ESU / Wilson, J.	295
5001030101	GPI / Lammers, S.	249
5001030001	GPI / Lammers, S.	691
5001010001	HELCOM	14873
5001030101	IAB / Van Beusekom, J.	477
5001020001	IBLC	288
5001010001	ICES	30807
5001030096	ICES	5381
5001030098	ICES	4619
5001030099	ICES	726
5001030096	ICES / SMHI data	17854
5001030096	ICES / YFS data	726
5001020001	IFM_KI	2694
5001036701	IMR / Danielssen, D. S.	12612
5001016701	IMR / Hageboe M., Foyn, L.	54957
5001020001	IOCB / Brockmann, U.	2482
5001030096	IOCB / Eberlein, K.	972
5001030096	IOCB / Hammer, K., Eberlein, K.	770
5001030096	IOCB / Hammer, K., Kattner, G., Eberlein, K.	759
5001020001	IOW	10782
5001020101	IOW	224
5001030094	IOW	10341
5001101601	LAC / Decadt, G.	572
5001020001	LWK_KI	1386
5001035101	MBA / Southward, A.J.	4079
5001101601	MUMM_O	270
5001020001	NLW_HI	401
5001014301	PEML / Slinn, D.J. Allen, J.R.	2620
5001014401	PEML / Slinn, D.J. Allen, J.R.	3056
5001014501	PEML / Slinn, D.J. Allen, J.R.	94
5001032001	PML / Joint, I.	89
5001032001	PML / Howland, R.	214
5001010001	RWS / Laane, R.	13412

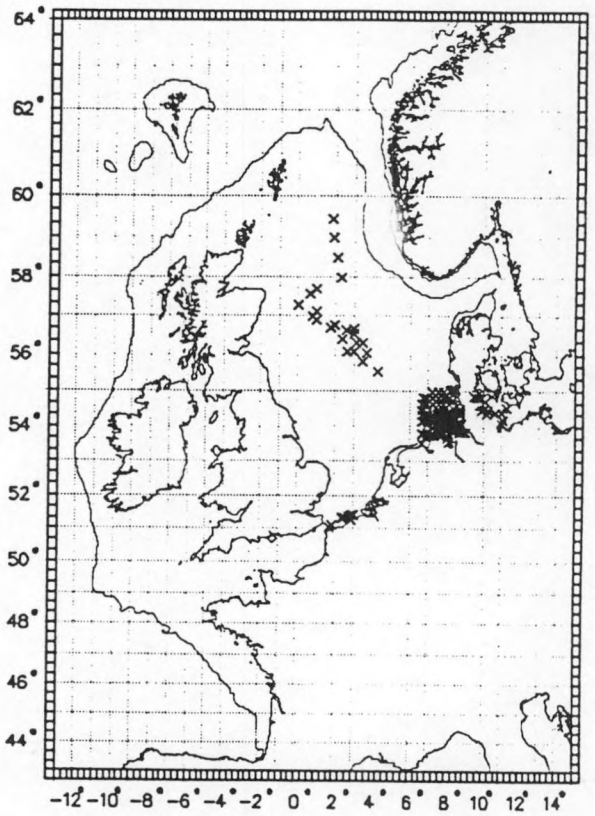
5001010095	RWS / Laane, R.	722
5001012601	RWS / Laane, R.	8283
5001010001	RWS-RIZA	753
5001012601	RWS-RIZA	470

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : BAH
UNITS : MYMOL/L
NO. OF POSITIONS : 267
NO. OF DATA : 7914
MINIMUM : 0.00
MAXIMUM : 9.30

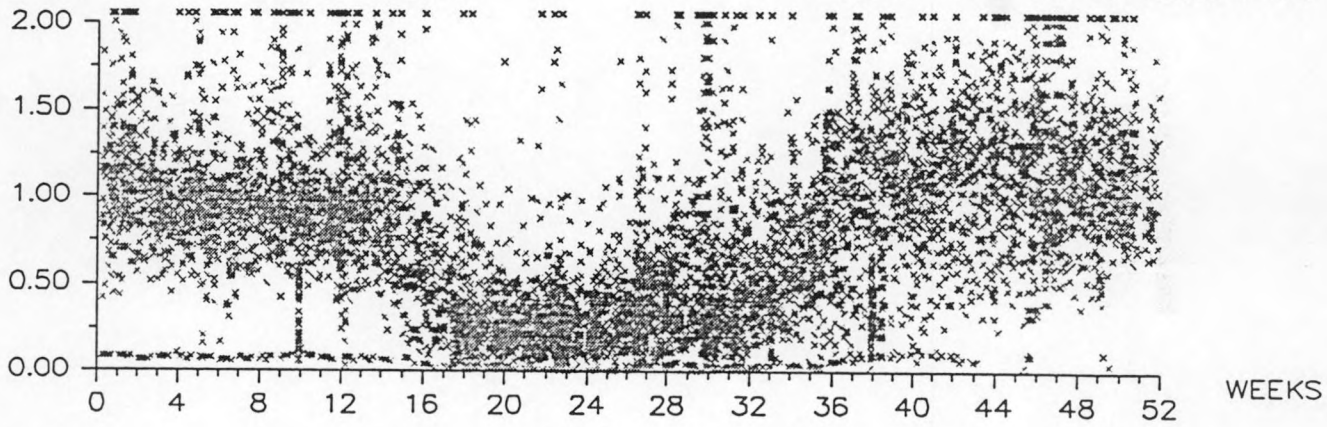


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

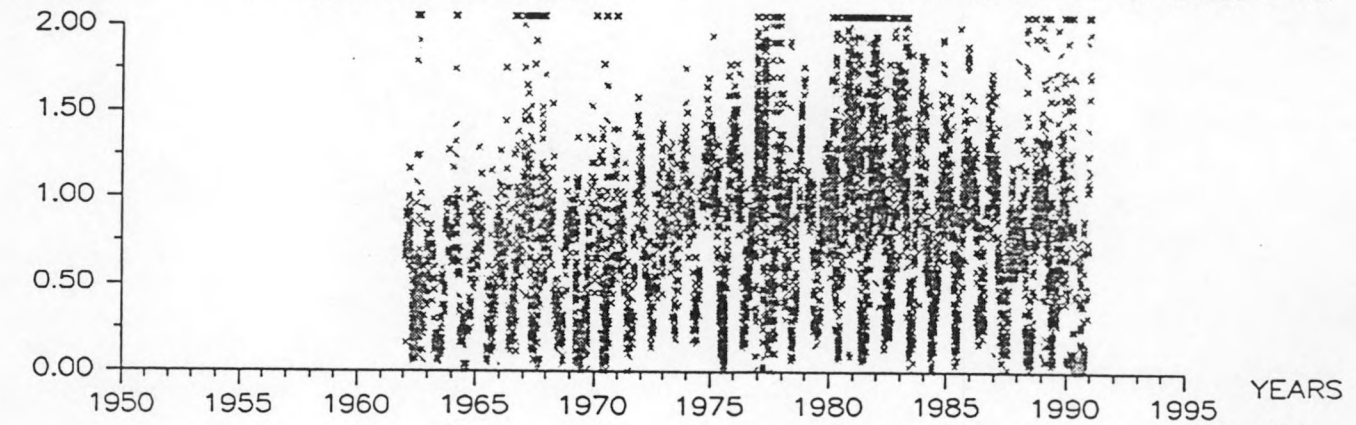
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 442



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 442

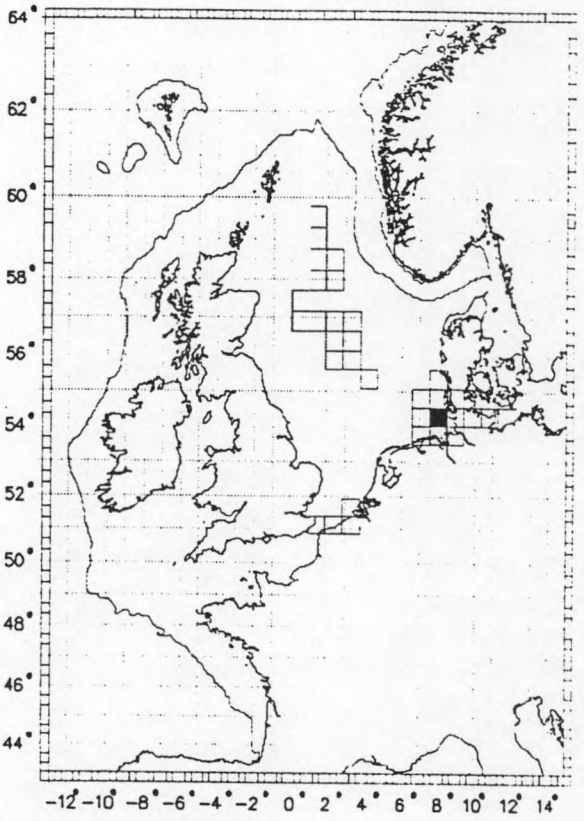


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : BAH
UNITS : MYMOL/L
NO. OF DATA : 7914
NO. OF POSITIONS : 267



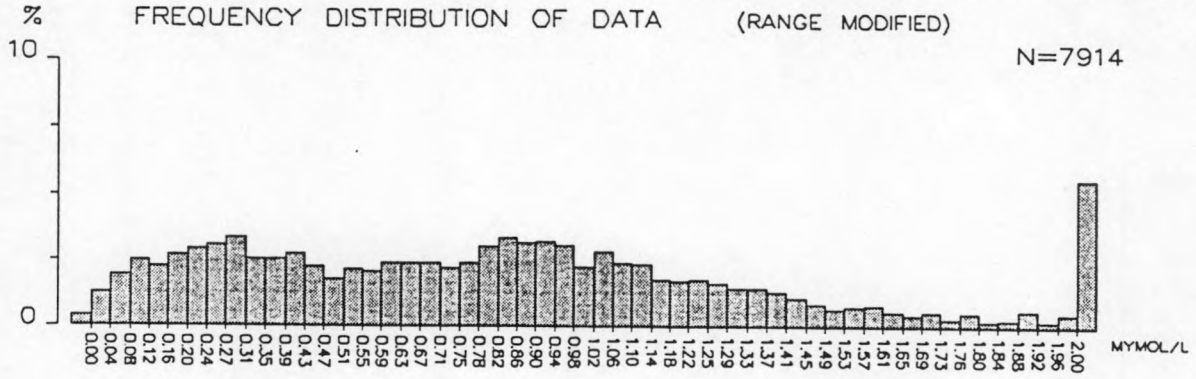
NO. OF DATA/AREA :
(without longterm data series !)

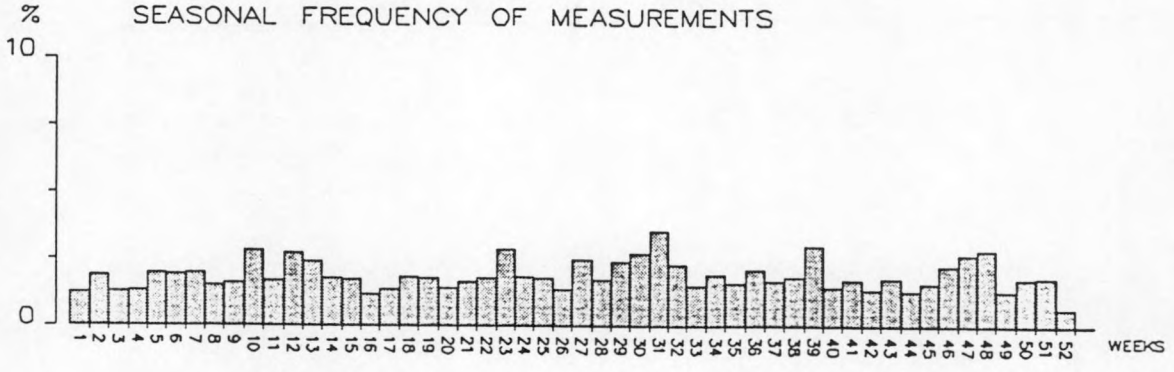
<	3478	<	1490
<	2981	<	993
<	2484	<	496
<	1987	=	0

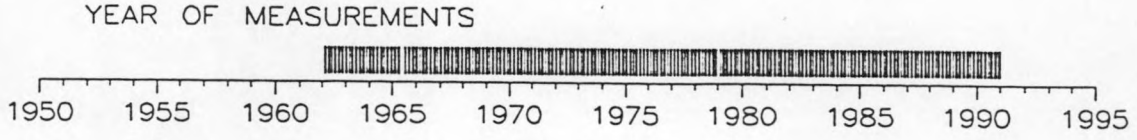
MINIMUM : 0.00
MAXIMUM : 9.30

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001

ENAME : BAHHH

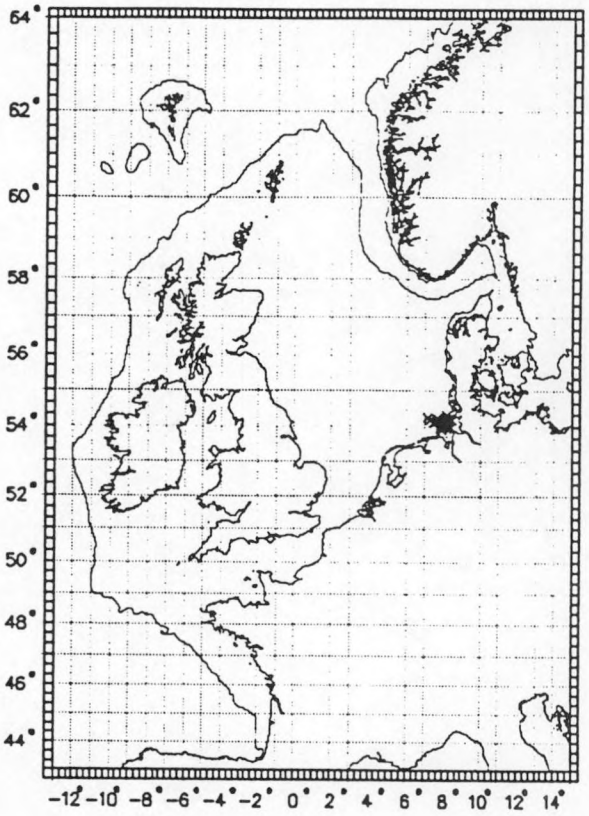
UNITS : MYMOL/L

NO. OF POSITIONS : 43

NO. OF DATA : 826

MINIMUM : 0.00

MAXIMUM : 5.64



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

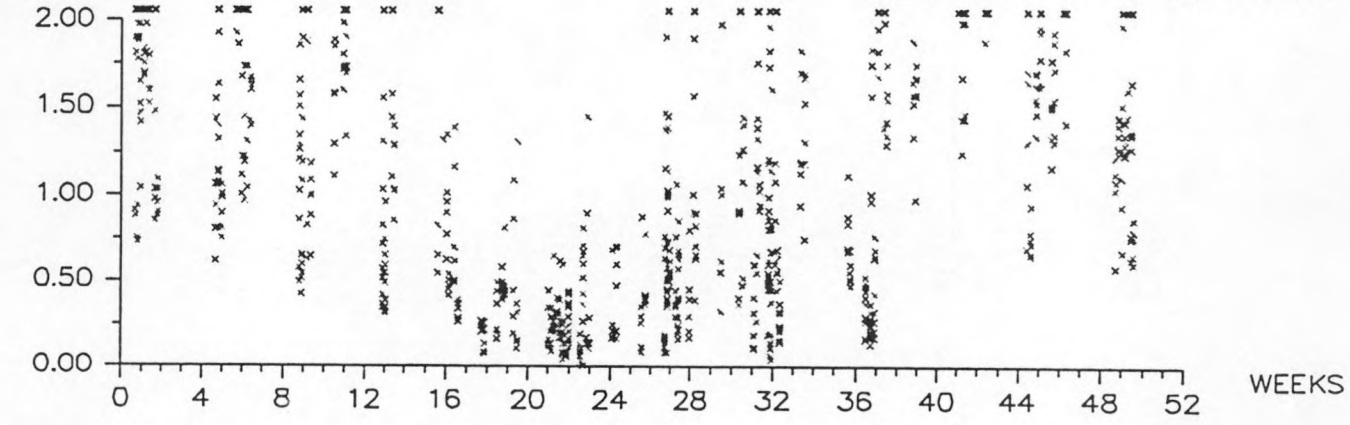
DEPTH–RANGE

UPPER : 0

LOWER : 2000

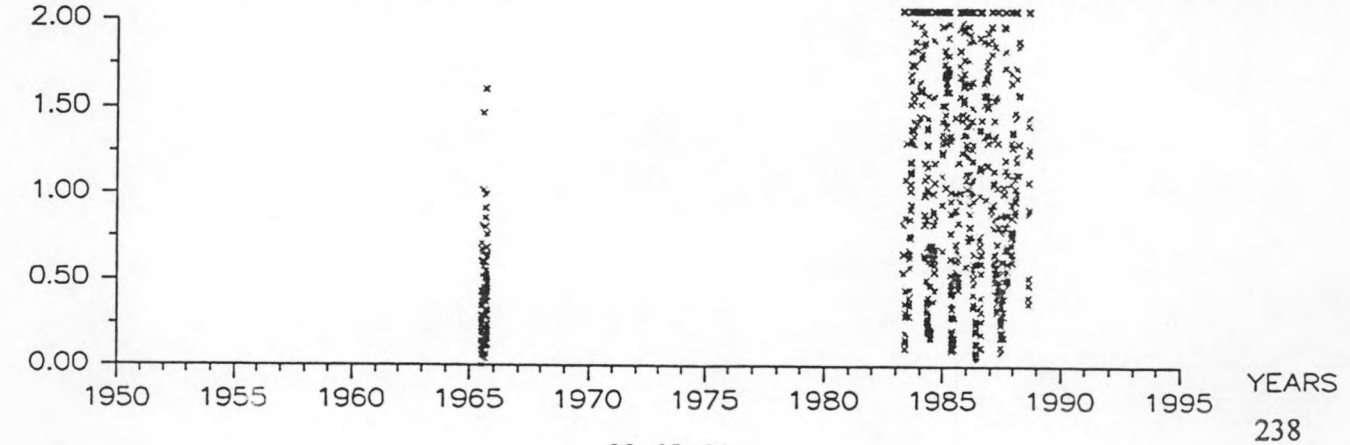
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 116



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 116



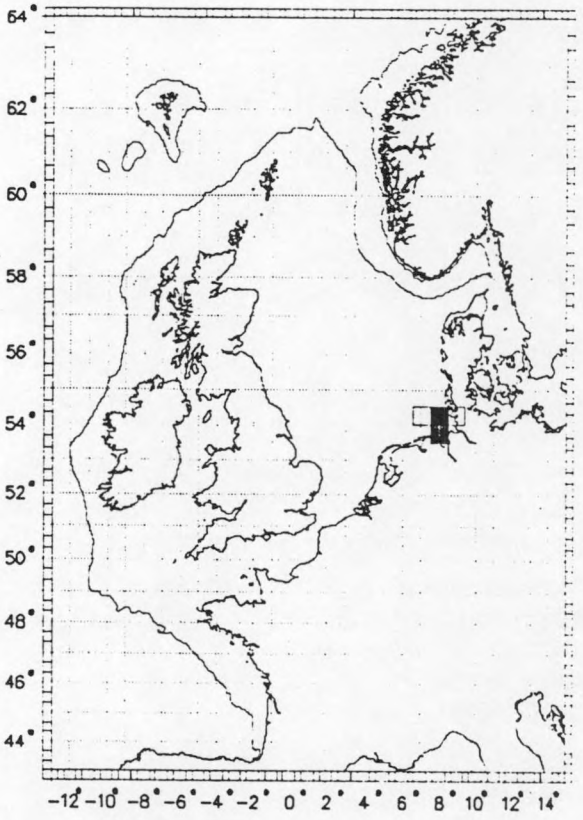
96–05–21

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : BAHHH
UNITS : MYMOL/L
NO. OF DATA : 826
NO. OF POSITIONS : 43



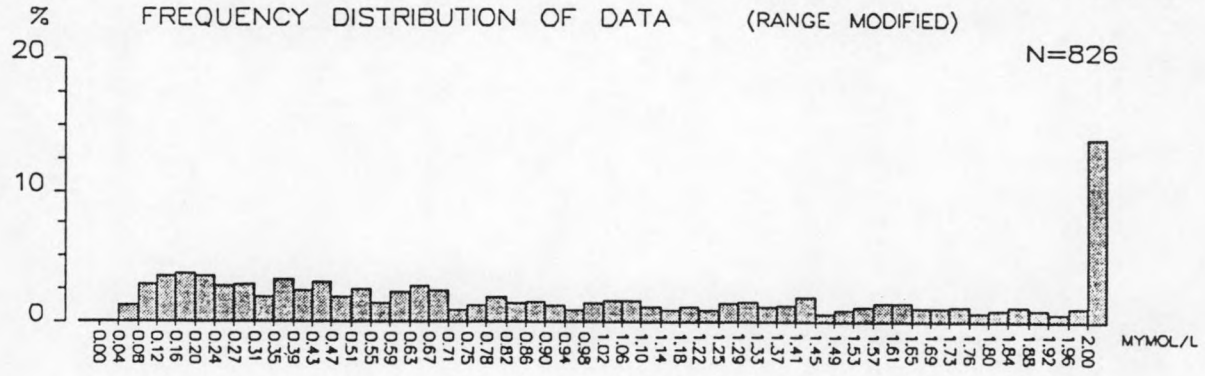
NO. OF DATA/AREA :
(without longterm data series !)

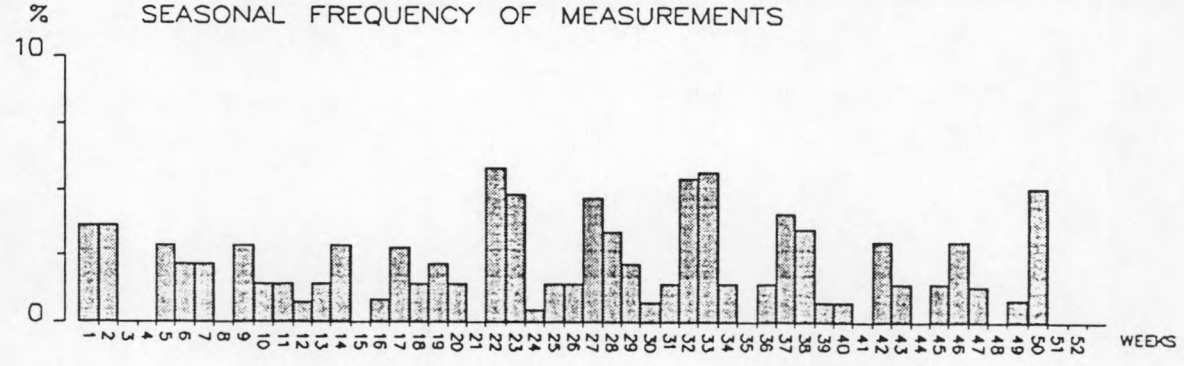
<	494	<	212
<	424	<	141
<	353	<	70
<	282	=	0

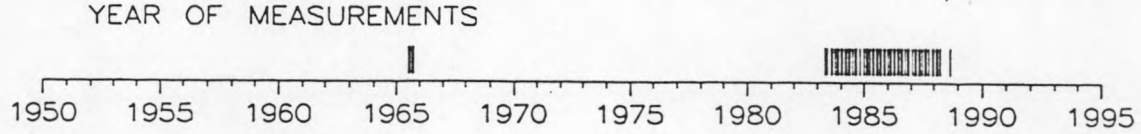
MINIMUM : 0.00
MAXIMUM : 5.64

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





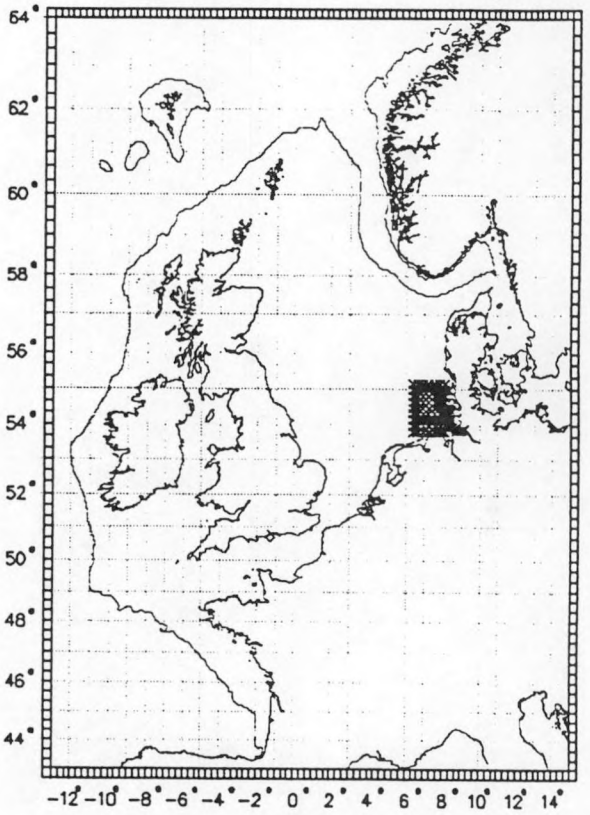


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

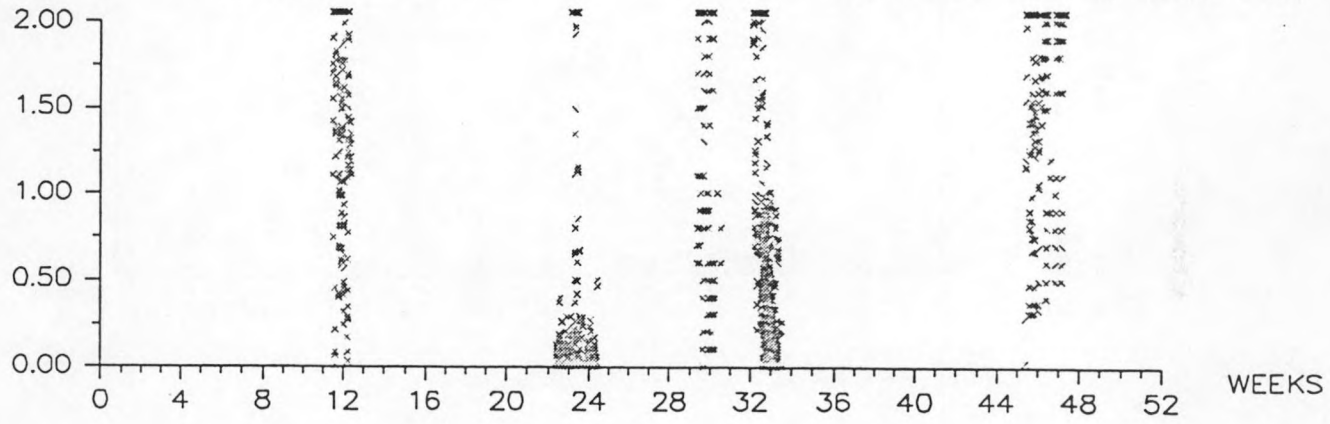
PCODE : 5001030096
ENAME : BAH/Hickel,W.
UNITS : MYMOL/L
NO. OF POSITIONS : 120
NO. OF DATA : 1866
MINIMUM : 0.00
MAXIMUM : 23.00



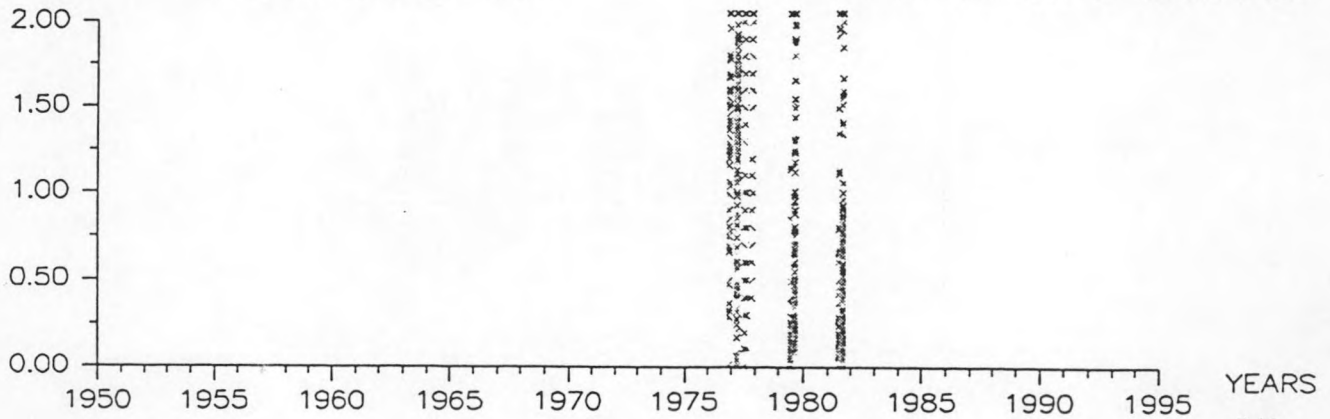
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE NO. OF DATA OUT OF RANGE : 358



MYMOL/L PROJECTION ON TIME NO. OF DATA OUT OF RANGE : 358



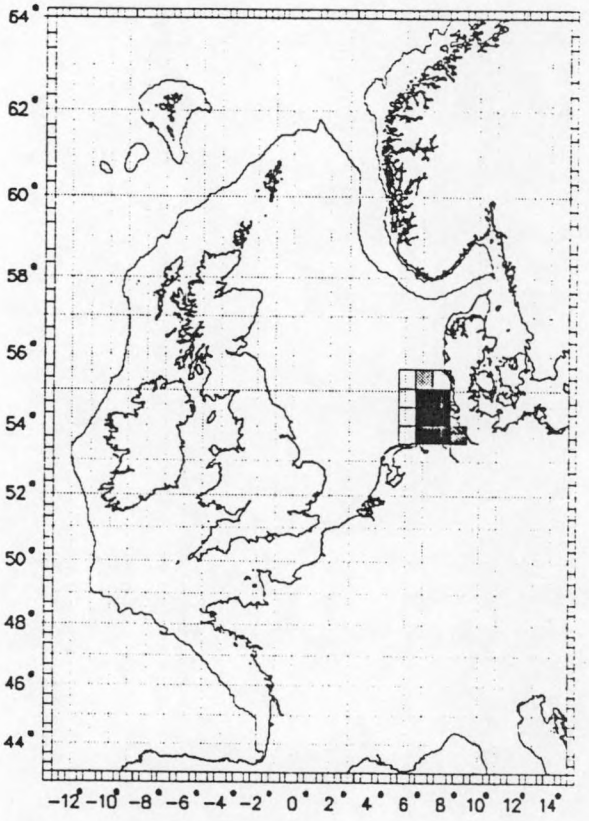
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096
ENAME : BAH/Hickel,W.
UNITS : MYMOL/L
NO. OF DATA : 1866
NO. OF POSITIONS : 120



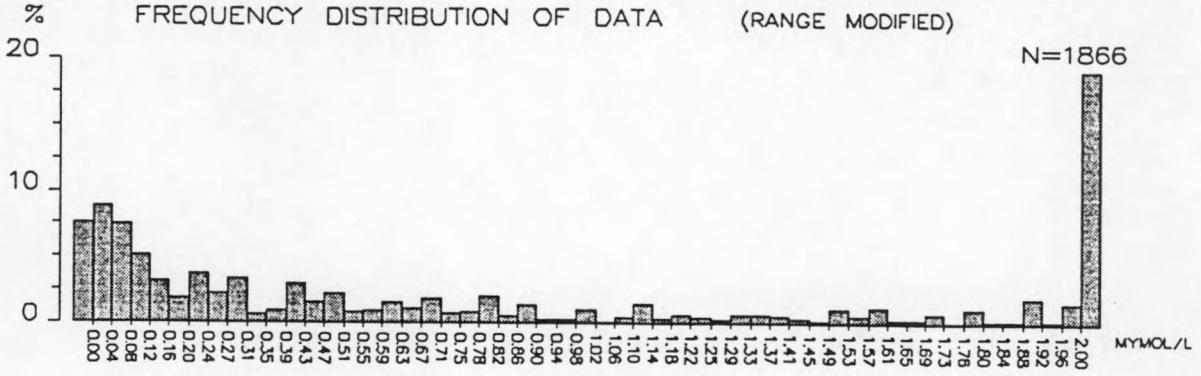
NO. OF DATA/AREA :
(without longterm data series !)

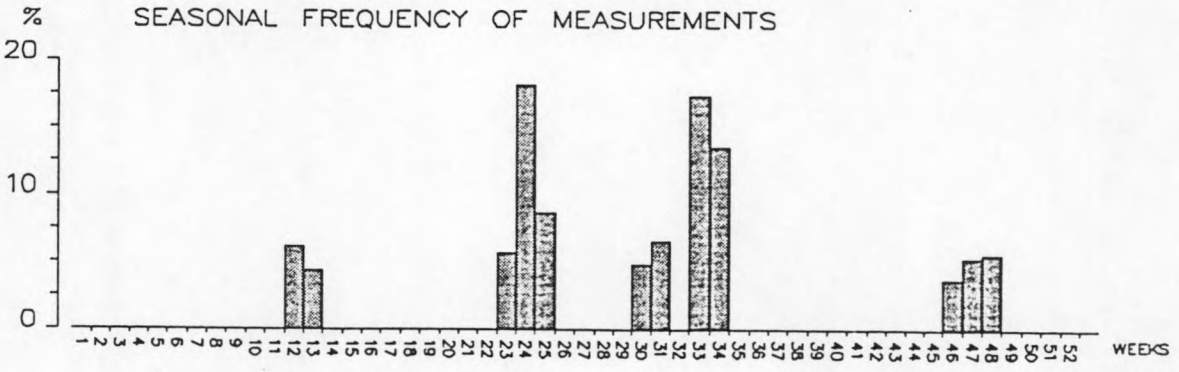
< 326	< 139
< 279	< < 93
< 232	< < 46
< 186	= 0

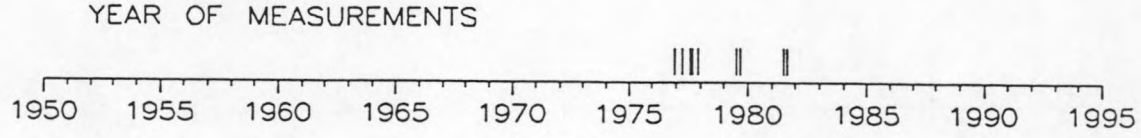
MINIMUM : 0.00
MAXIMUM : 23.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001

ENAME : BFAIS

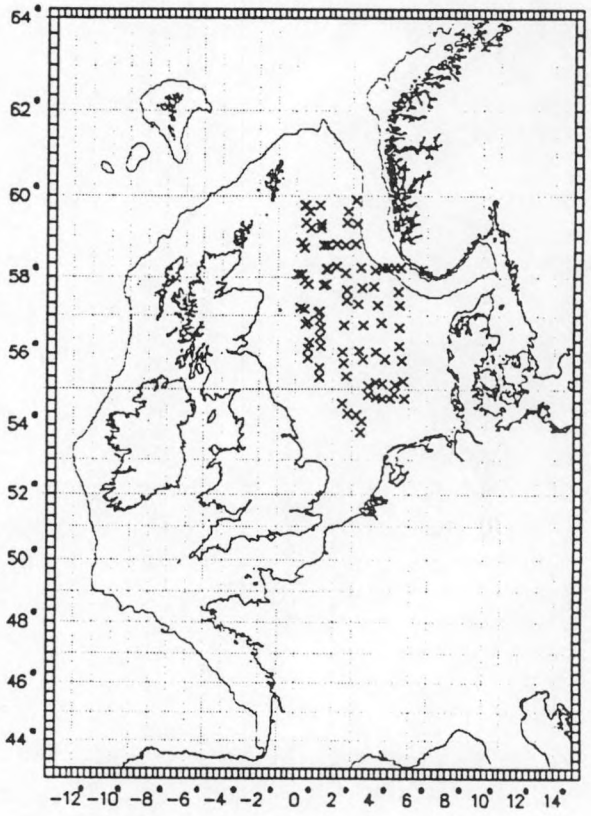
UNITS : MYMOL/L

NO. OF POSITIONS : 88

NO. OF DATA : 422

MINIMUM : 0.39

MAXIMUM : 1.16



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

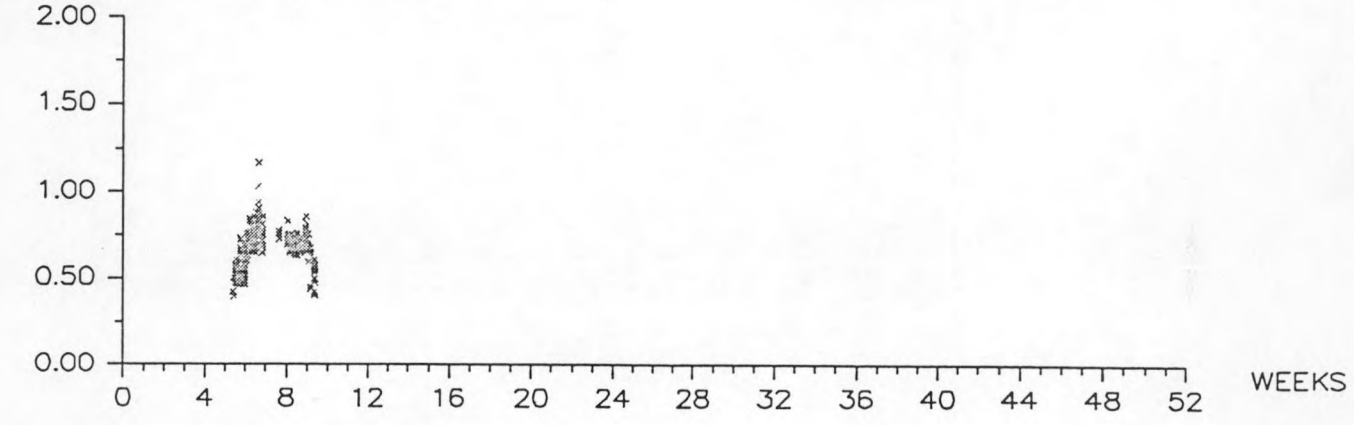
LAST WEEK : 53

DEPTH–RANGE

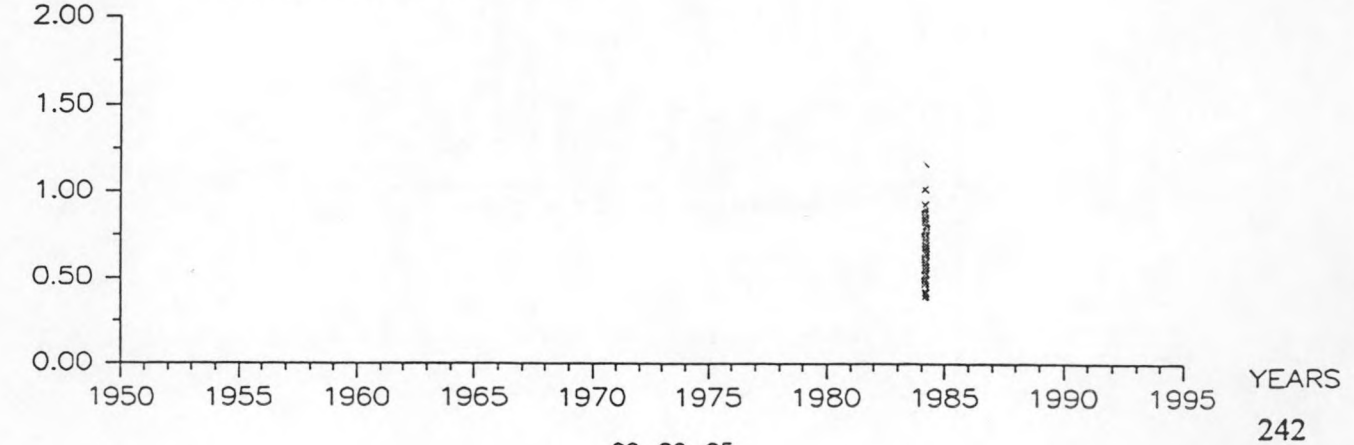
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



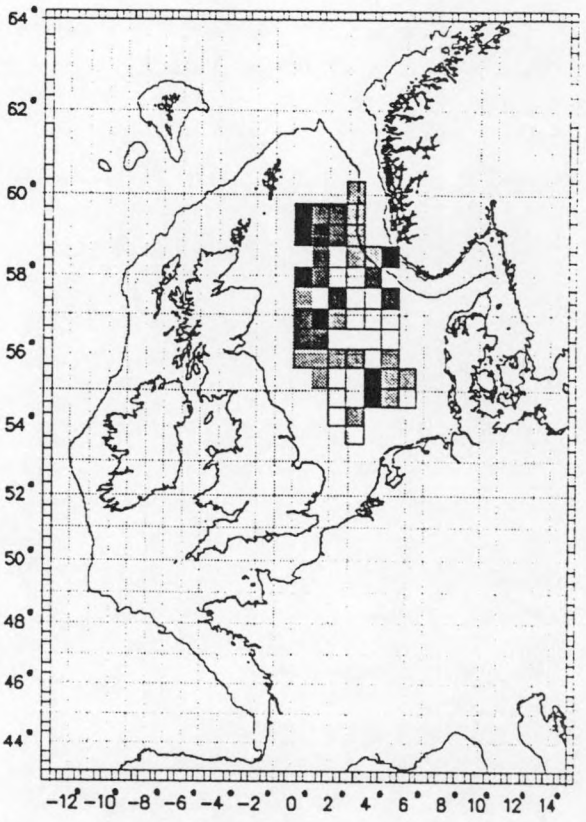
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : BFAIS
UNITS : MYMOL/L
NO. OF DATA : 422
NO. OF POSITIONS : 88



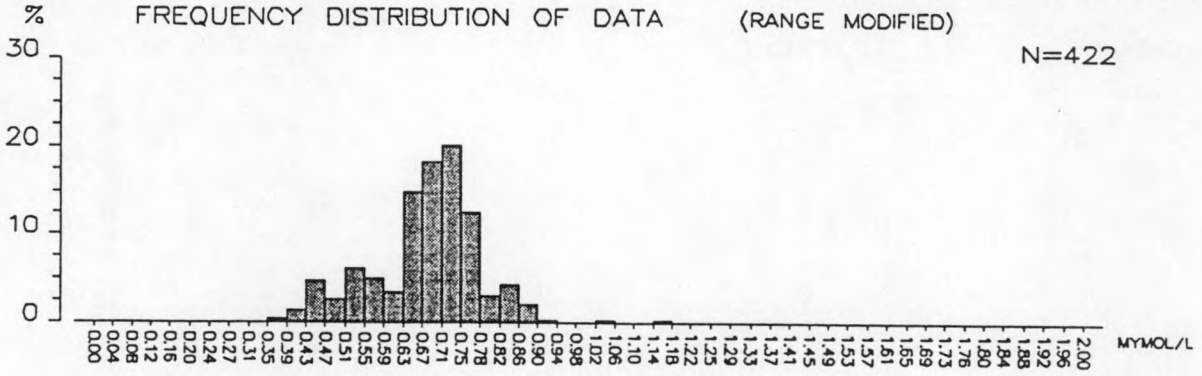
NO. OF DATA/AREA :
(without longterm data series !)

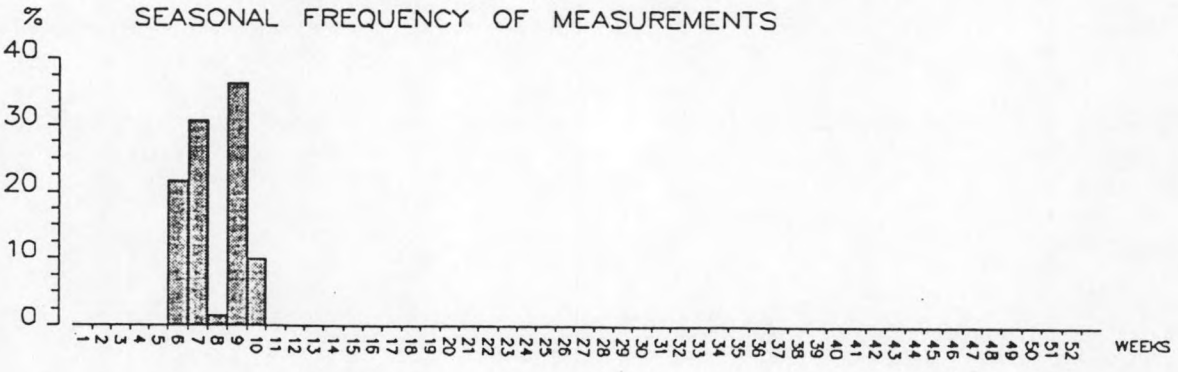
< 30	< 12
< 25	< 8
< 21	< 4
< 17	= 0

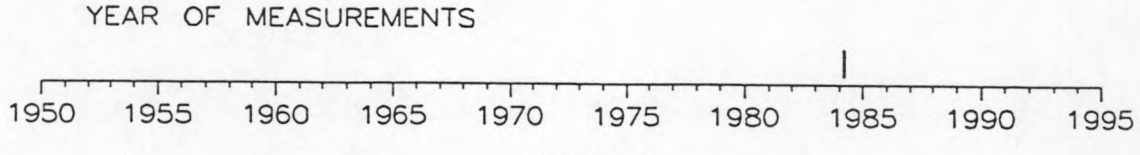
MINIMUM : 0.39
MAXIMUM : 1.16

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001031301

ENAME : BODC/Lowry, R.

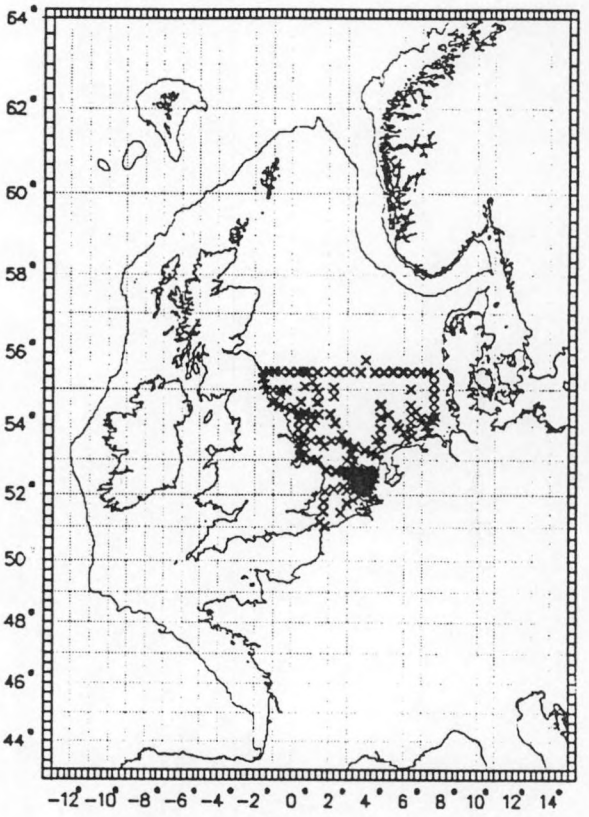
UNITS : MYMOL/L

NO. OF POSITIONS : 1603

NO. OF DATA : 6268

MINIMUM : 0.01

MAXIMUM : 10.18



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

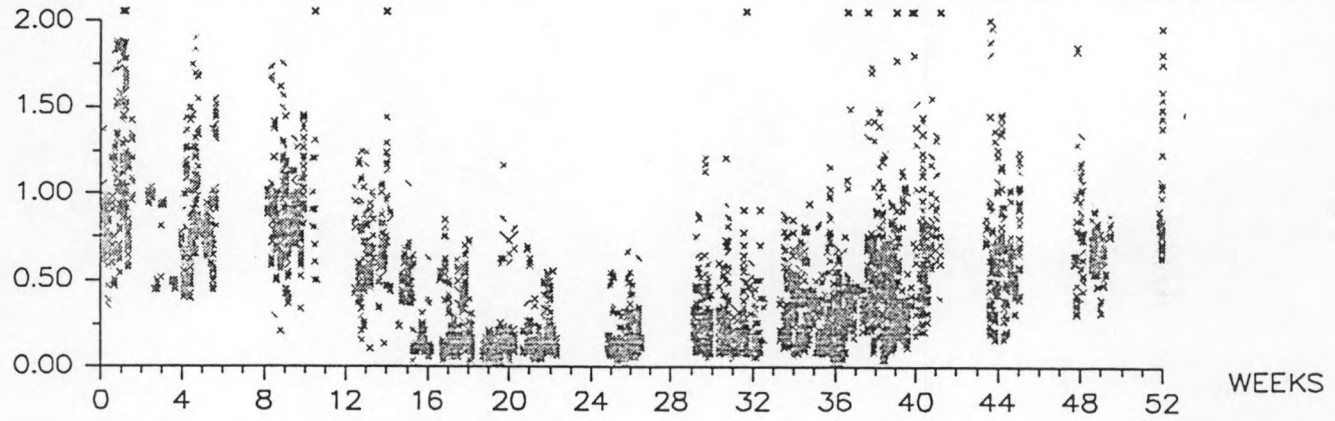
DEPTH–RANGE

UPPER : 0

LOWER : 2000

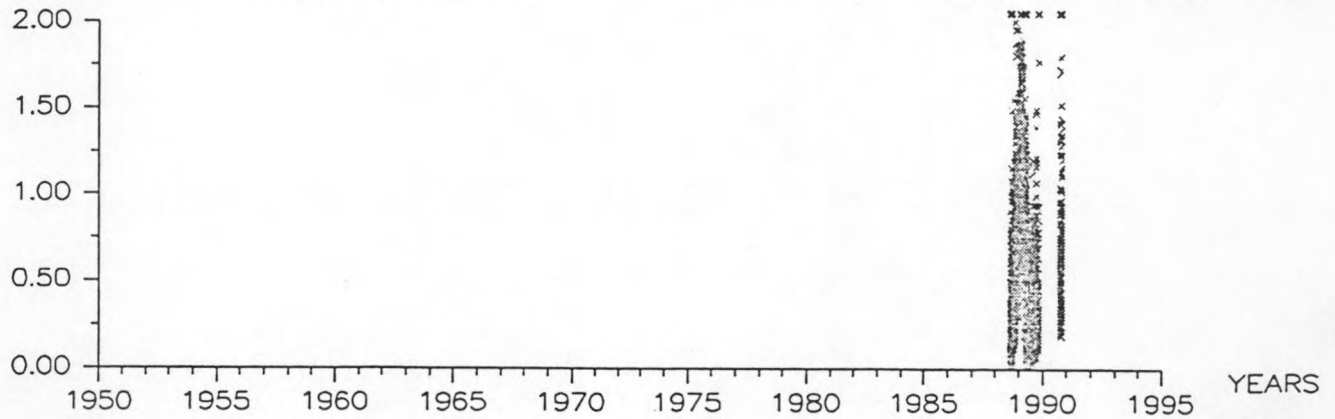
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 55



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 55



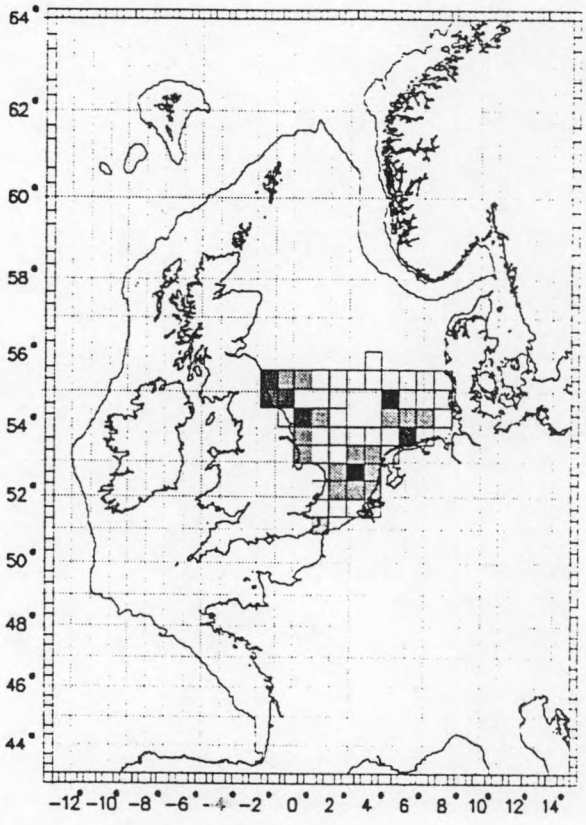
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001031301
ENAME : BODC/Lowry, R.
UNITS : MYMOL/L
NO. OF DATA : 6268
NO. OF POSITIONS : 1603



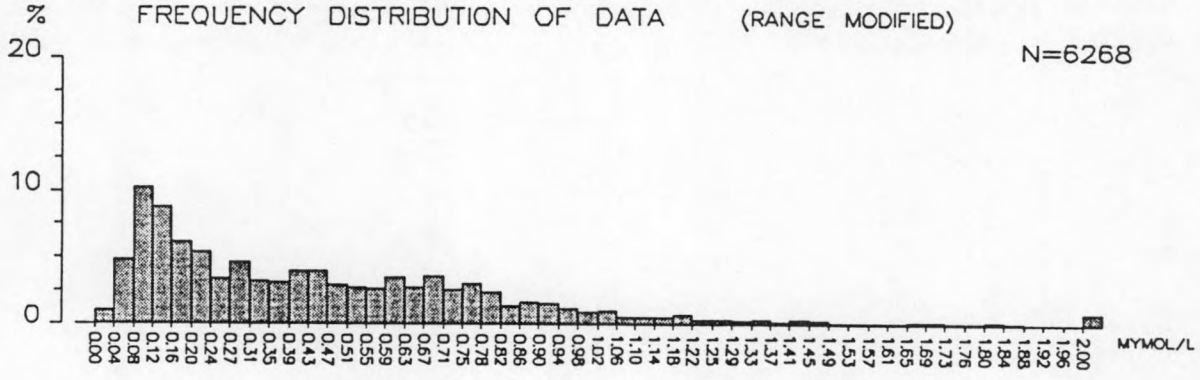
NO. OF DATA/AREA :
(without longterm data series !)

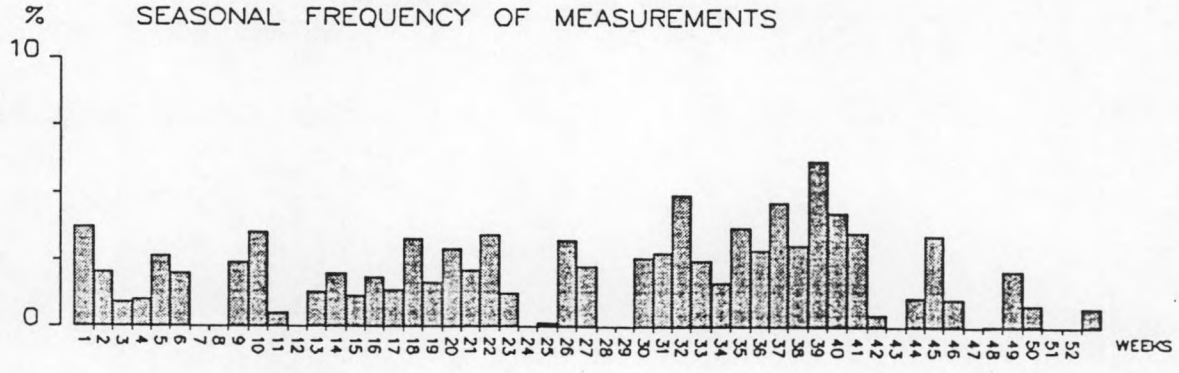
<	707	<	303
<	606	<	202
<	505	<	101
<	404	=	0

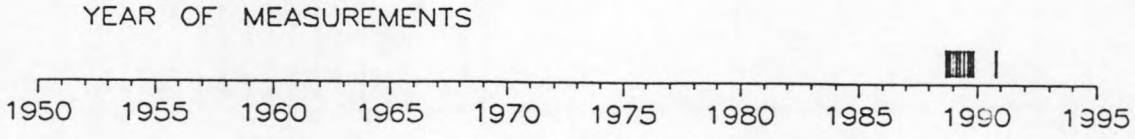
MINIMUM : 0.01
MAXIMUM : 10.18

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001

ENAME : BSH

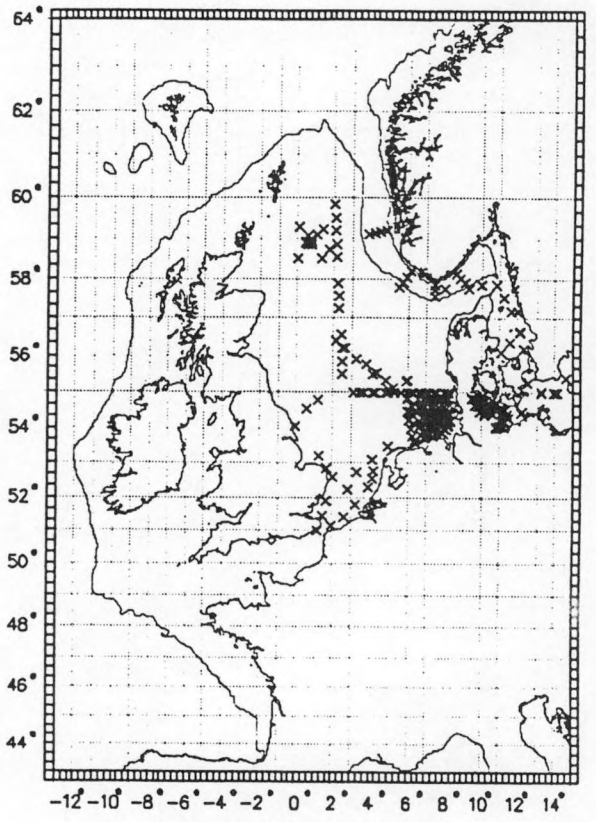
UNITS : MYMOL/L

NO. OF POSITIONS : 538

NO. OF DATA : 3708

MINIMUM : 0.00

MAXIMUM : 25.17



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

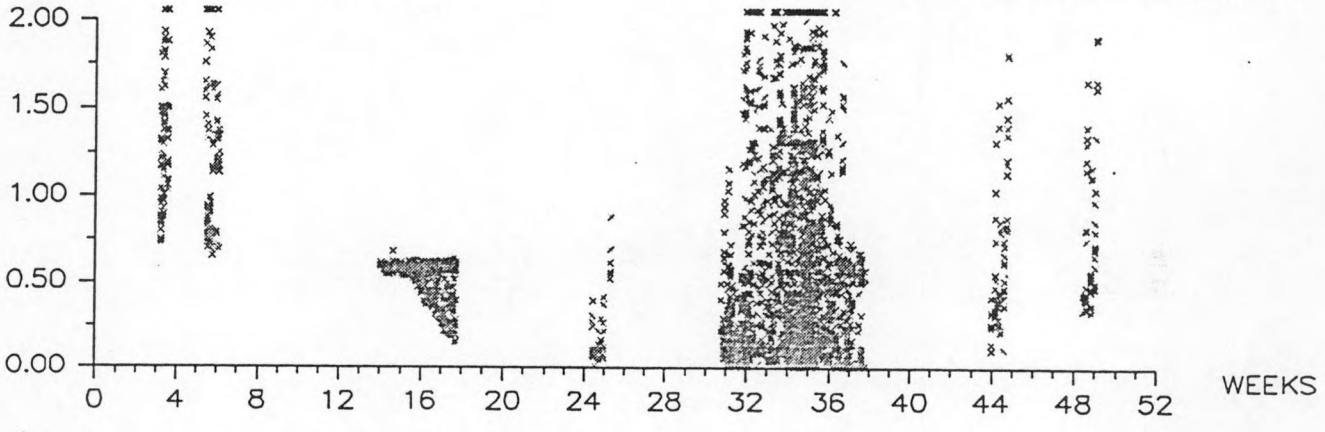
DEPTH–RANGE

UPPER : 0

LOWER : 2000

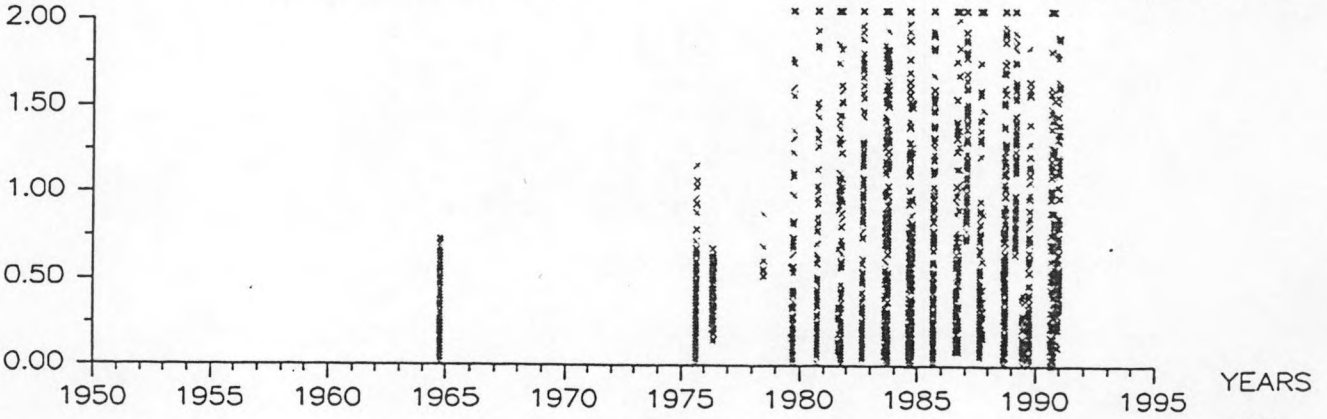
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 175



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 175



96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001

ENAME : BSH

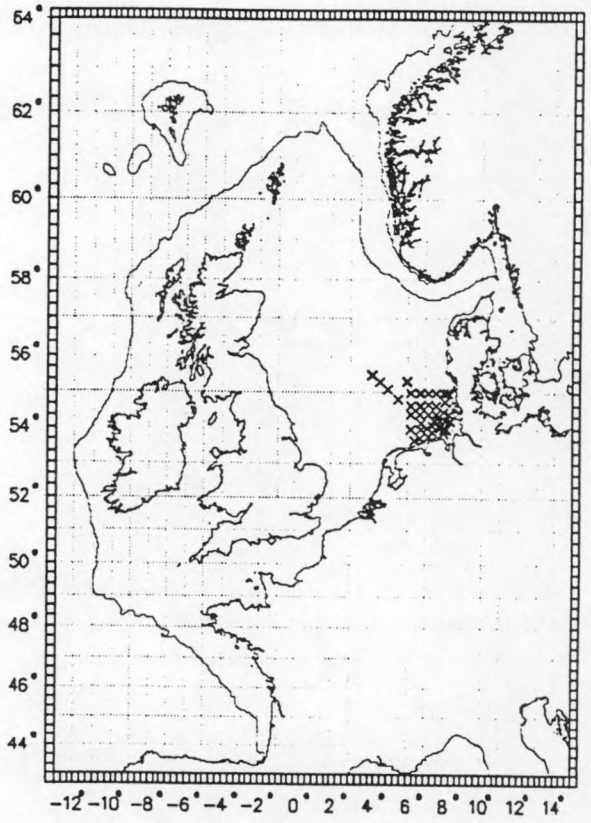
UNITS : MYMOL/L

NO. OF POSITIONS : 104

NO. OF DATA : 310

MINIMUM : 0.02

MAXIMUM : 2.78



NO. OF DATA OUT OF RANGE : 7

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

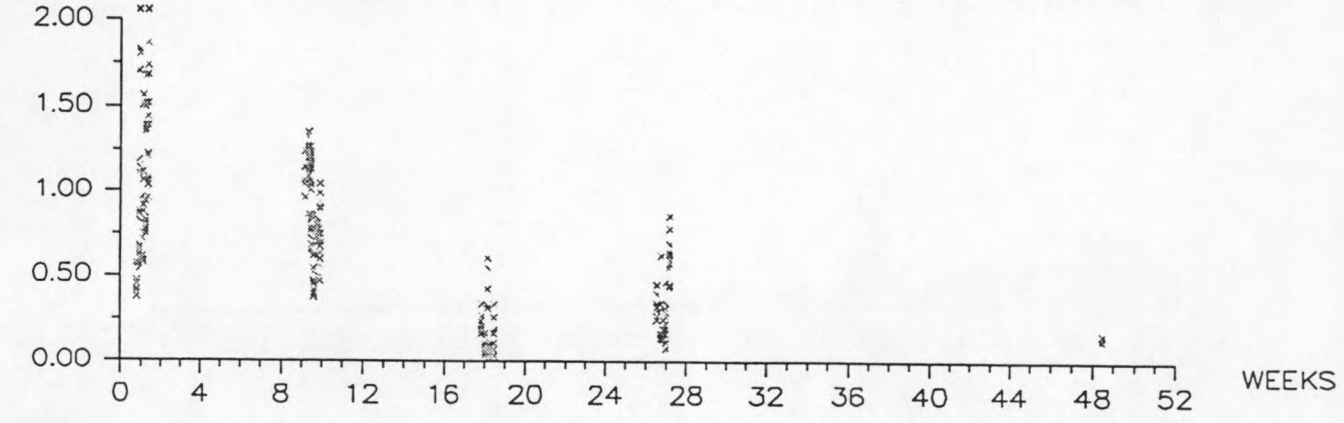
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

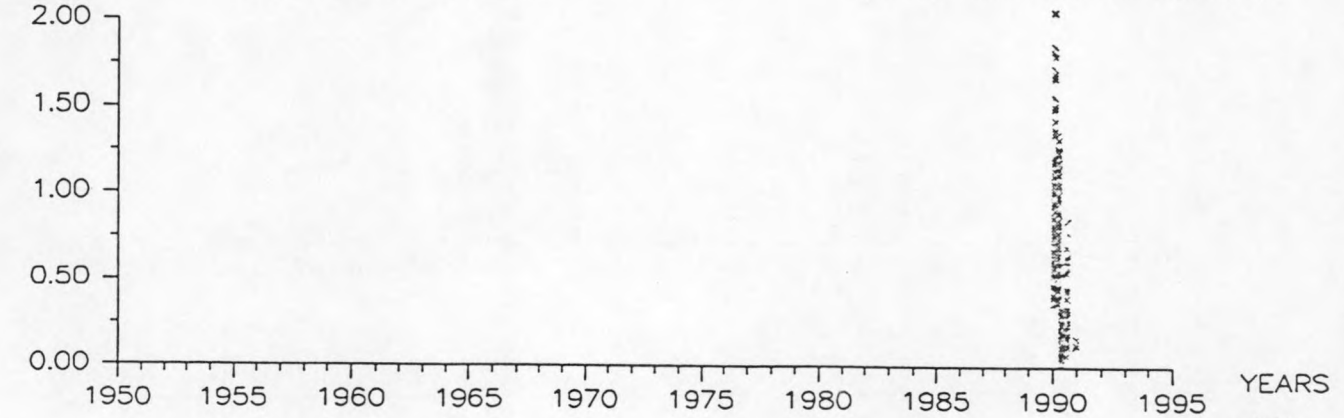
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 7



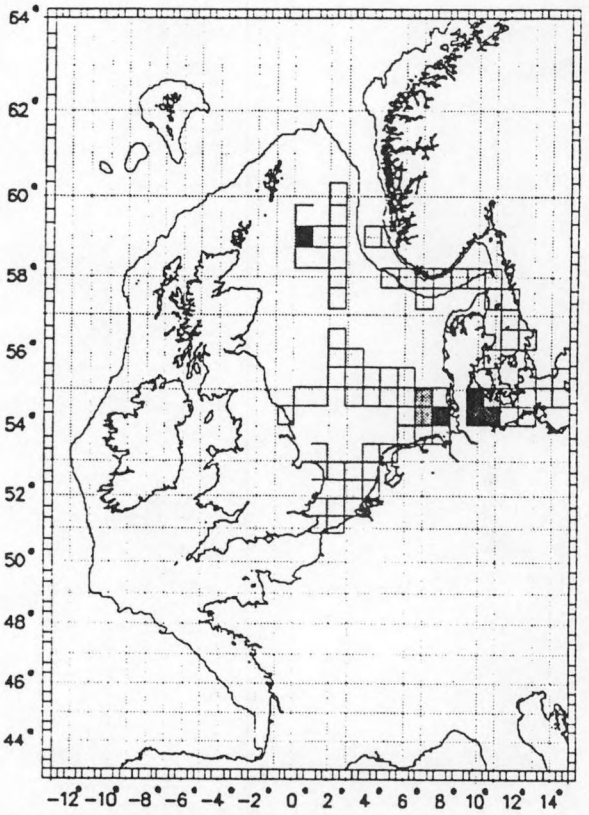
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : BSH
UNITS : MYMOL/L
NO. OF DATA : 3708
NO. OF POSITIONS : 538



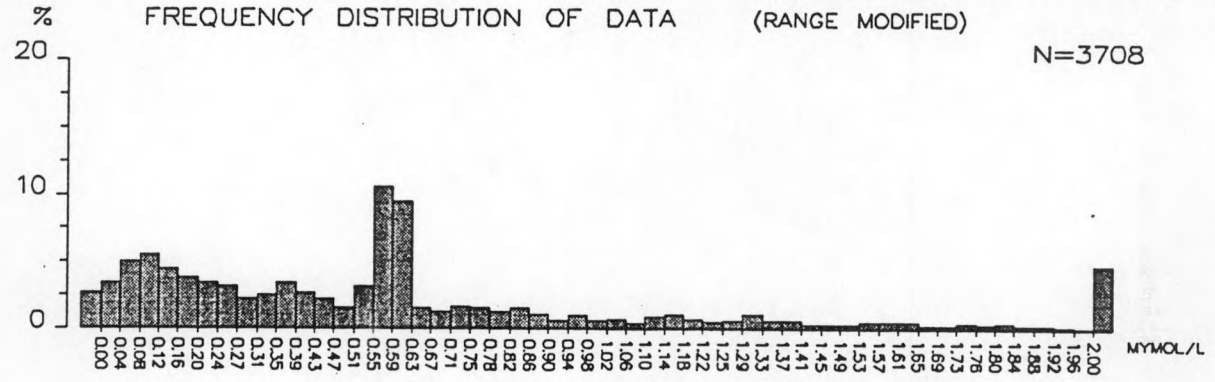
NO. OF DATA/AREA :
(without longterm data series !)

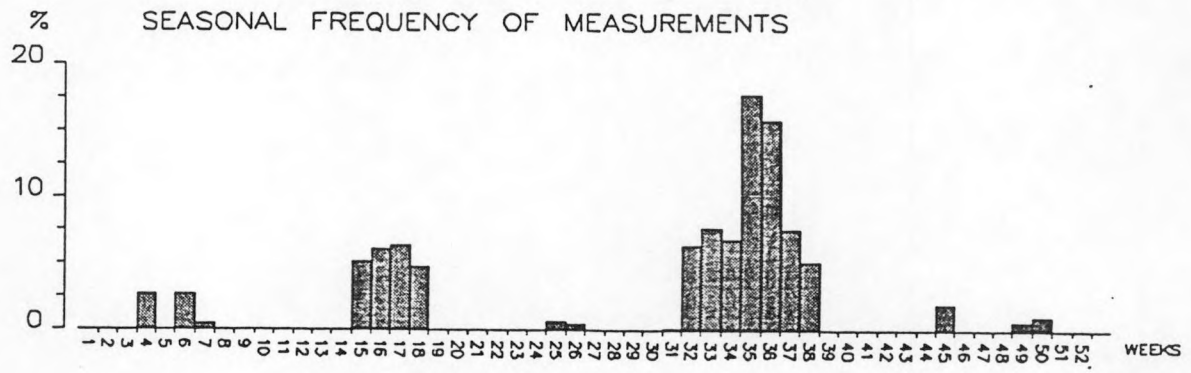
< 757	< 324
< 648	< 216
< 540	< 108
< 432	= 0

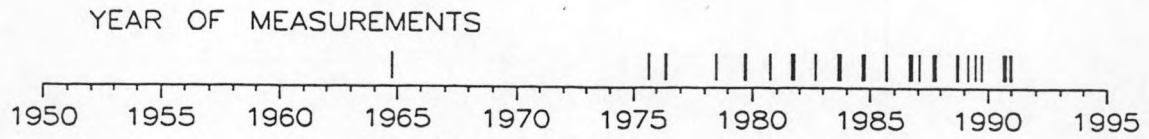
MINIMUM : 0.00
MAXIMUM : 25.17

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





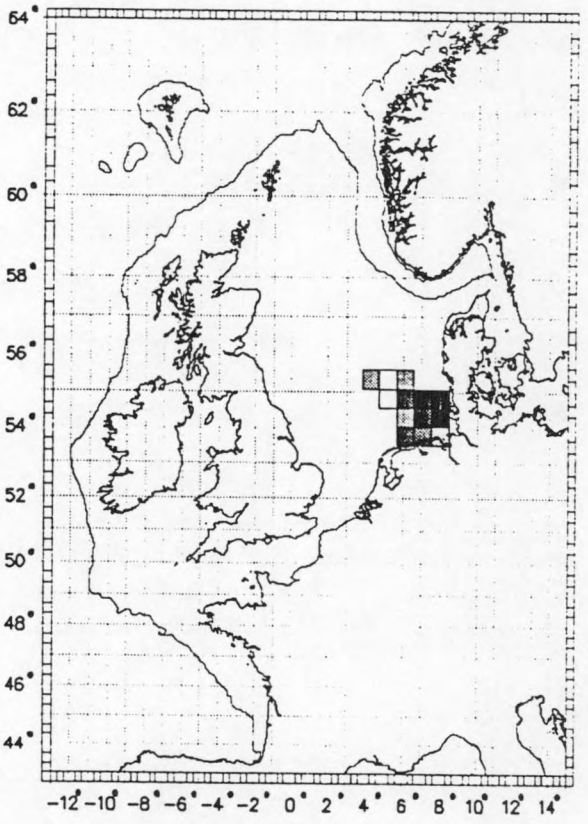


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : BSH
UNITS : MYMOL/L
NO. OF DATA : 310
NO. OF POSITIONS : 104



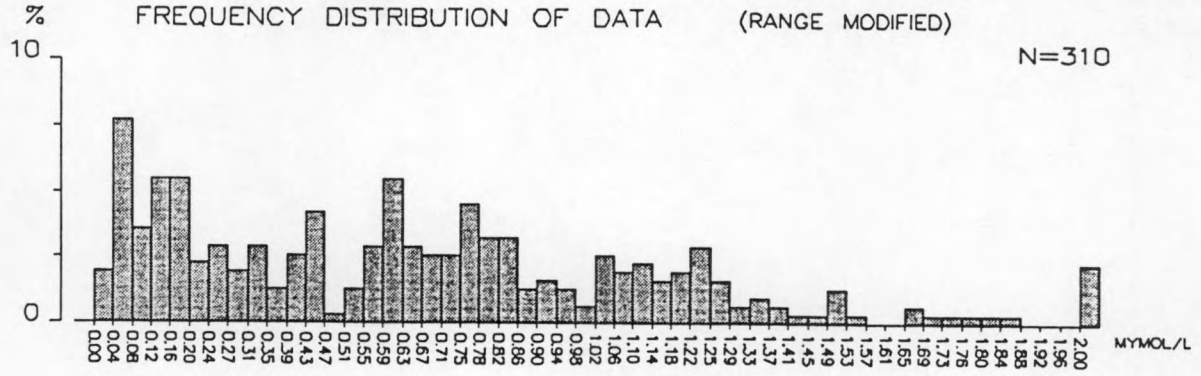
NO. OF DATA/AREA :
(without longterm data series !)

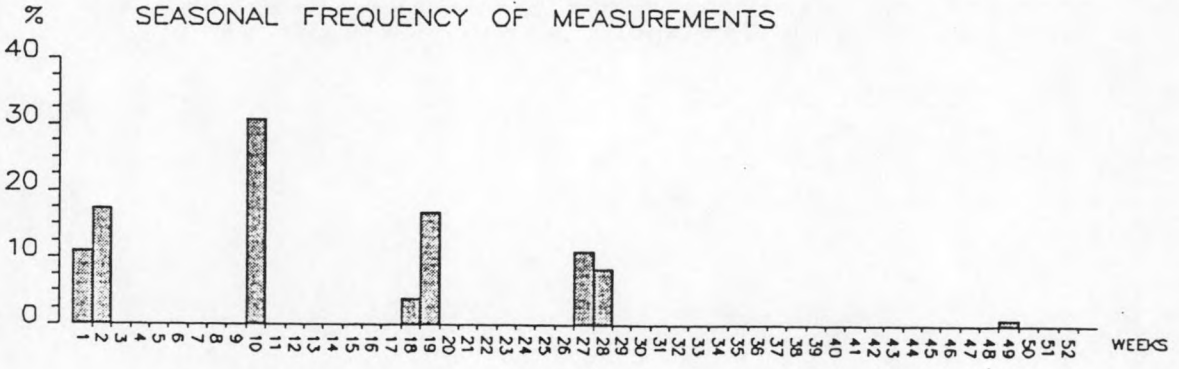
<	63	<	27
<	54	<	18
<	45	<	9
<	36	=	0

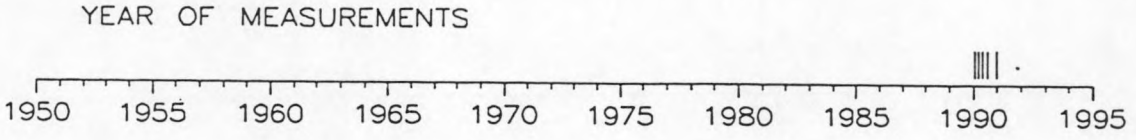
MINIMUM : 0.02
MAXIMUM : 2.78

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096

ENAME : DOD

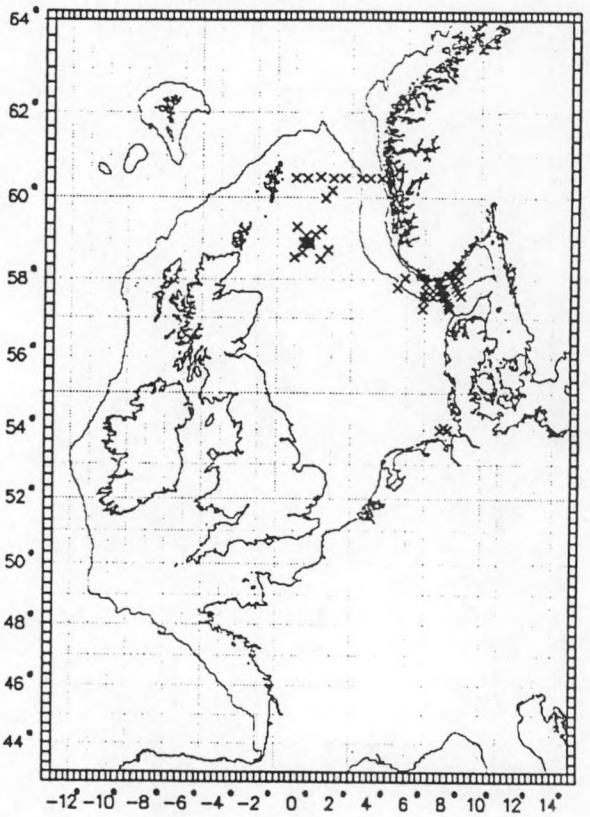
UNITS : MYMOL/L

NO. OF POSITIONS : 123

NO. OF DATA : 1496

MINIMUM : 0.00

MAXIMUM : 1.71

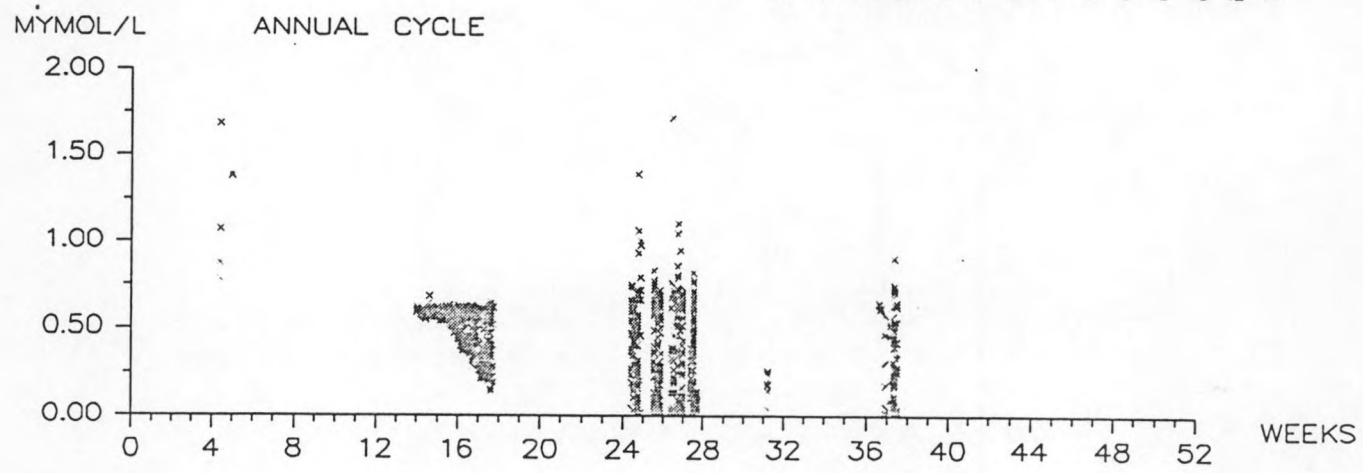


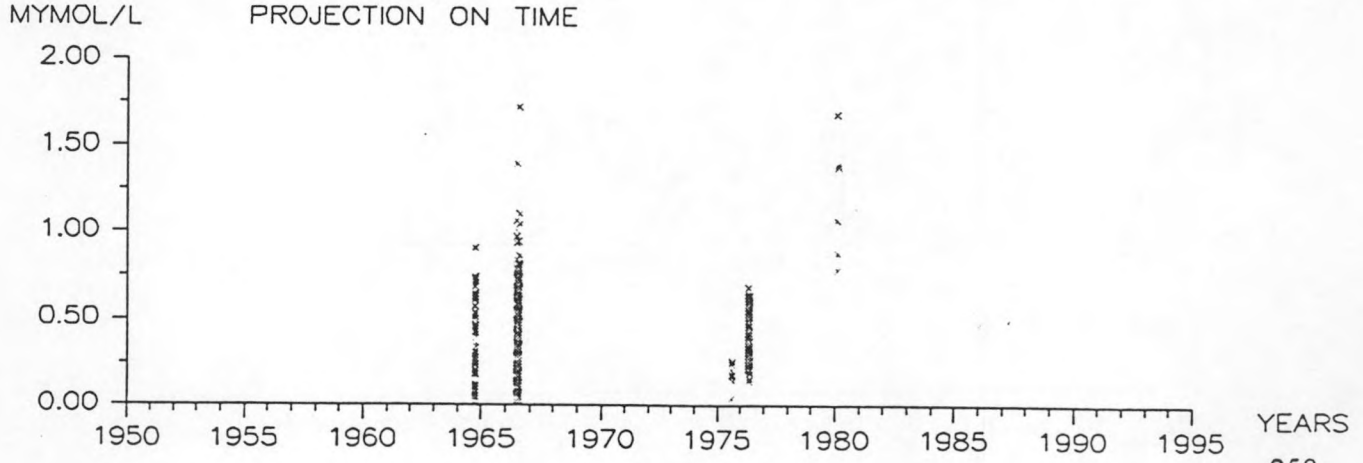
MODIFICATIONS

TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0
LOWER : 2000



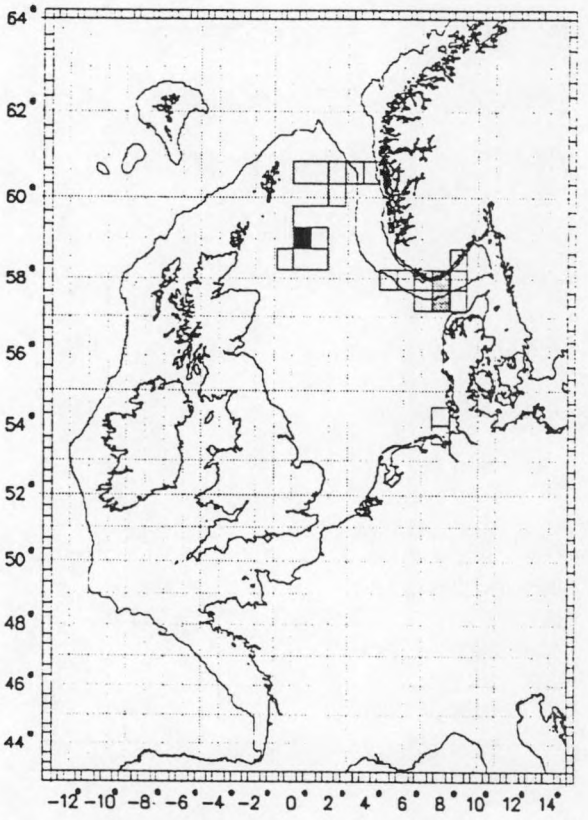


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096
ENAME : DOD
UNITS : MYMOL/L
NO. OF DATA : 1496
NO. OF POSITIONS : 123



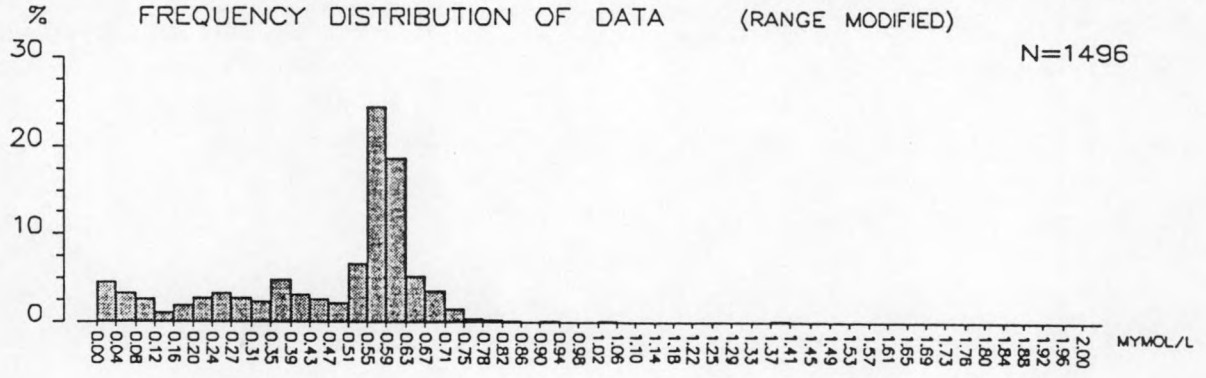
NO. OF DATA/AREA :
(without longterm data series !)

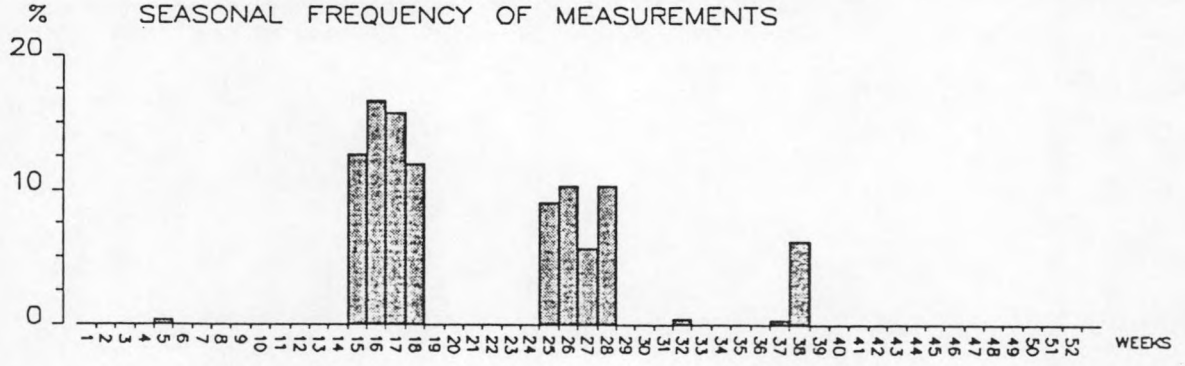
<	770	<	330
<	660	<	220
<	550	<	110
<	440	=	0

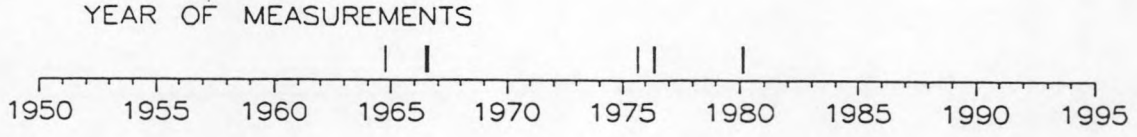
MINIMUM : 0.00
MAXIMUM : 1.71

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







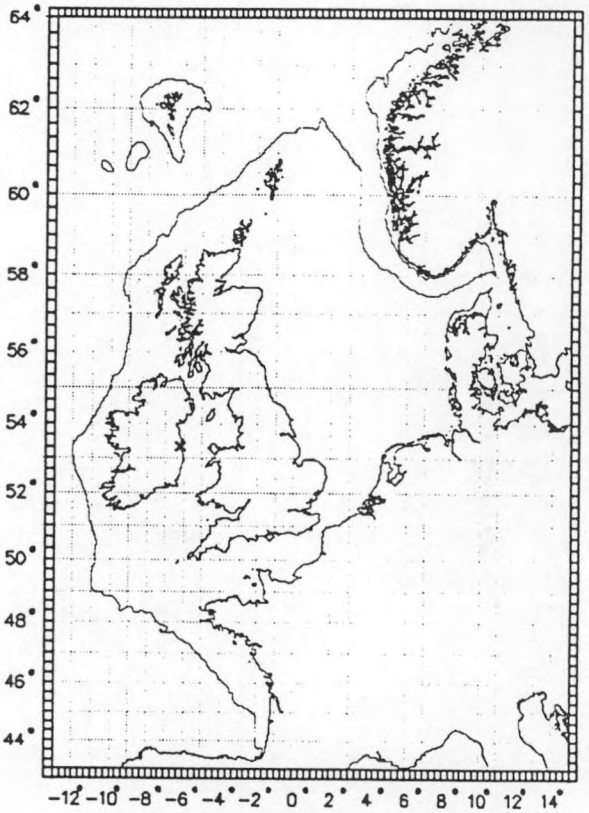
96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001033101
ENAME : ESU/Wilson, J.
UNITS : MYMOL/L
NO. OF POSITIONS : 2
NO. OF DATA : 295
MINIMUM : 0.16
MAXIMUM : 7.58

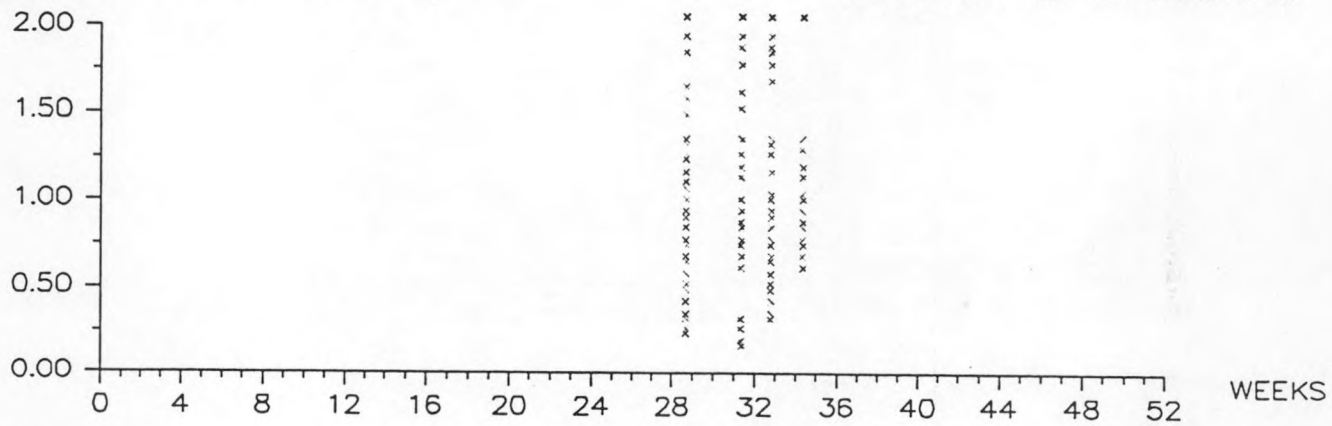


NO. OF DATA OUT OF RANGE : 59

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

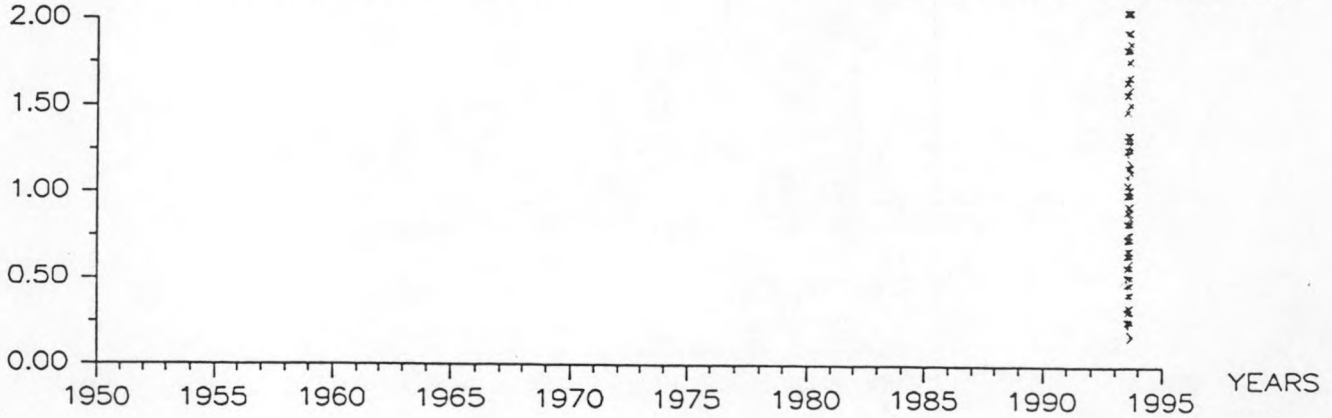
DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 59



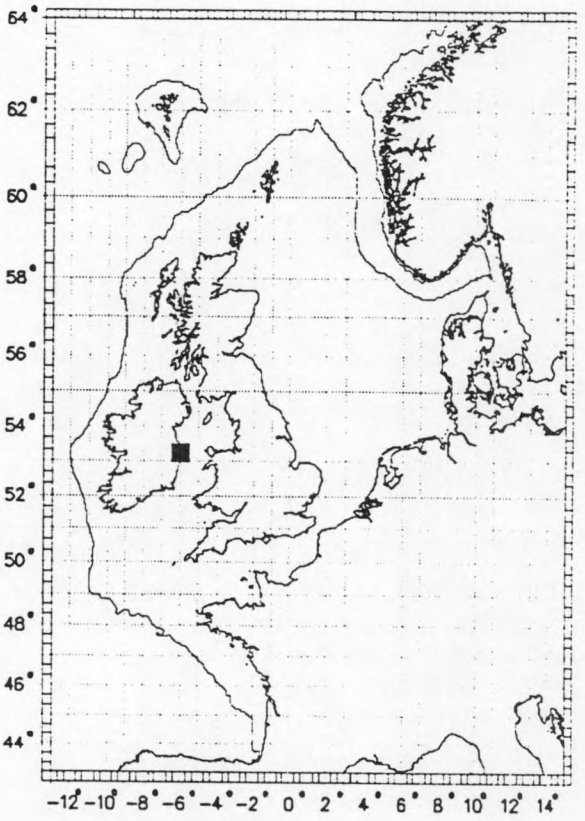
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001033101
ENAME : ESU/Wilson, J.
UNITS : MYMOL/L
NO. OF DATA : 295
NO. OF POSITIONS : 2



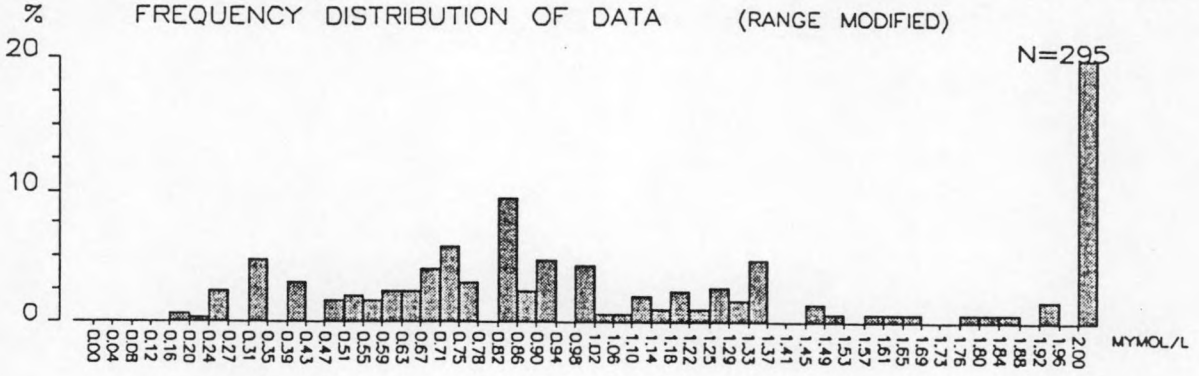
NO. OF DATA/AREA :
(without longterm data series !)

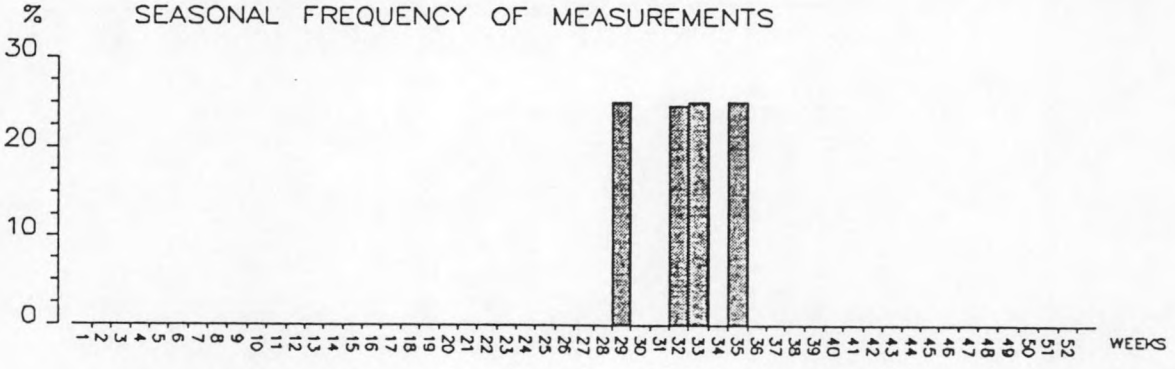
< 295	< 126
< 252	< 84
< 210	< 42
< 168	= 0

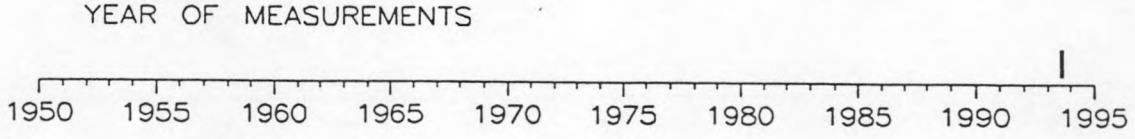
MINIMUM : 0.16
MAXIMUM : 7.58

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







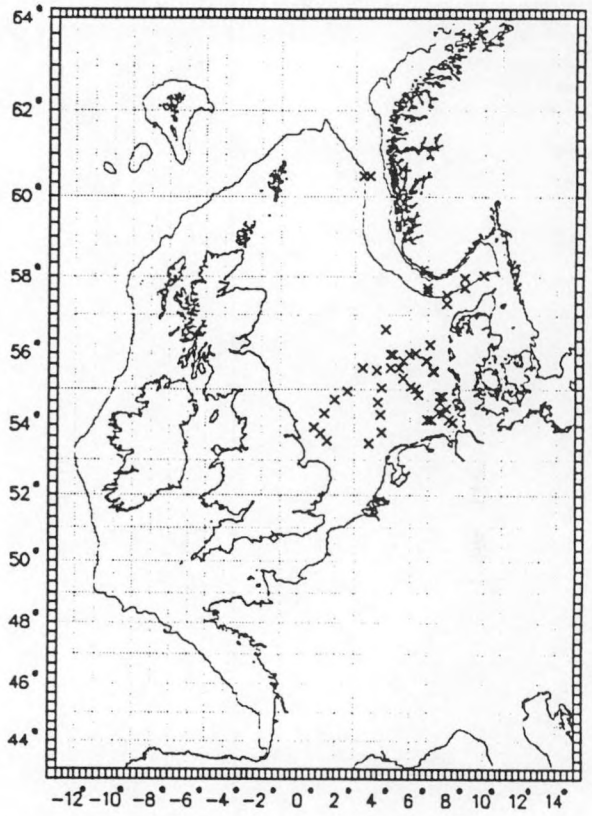
96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

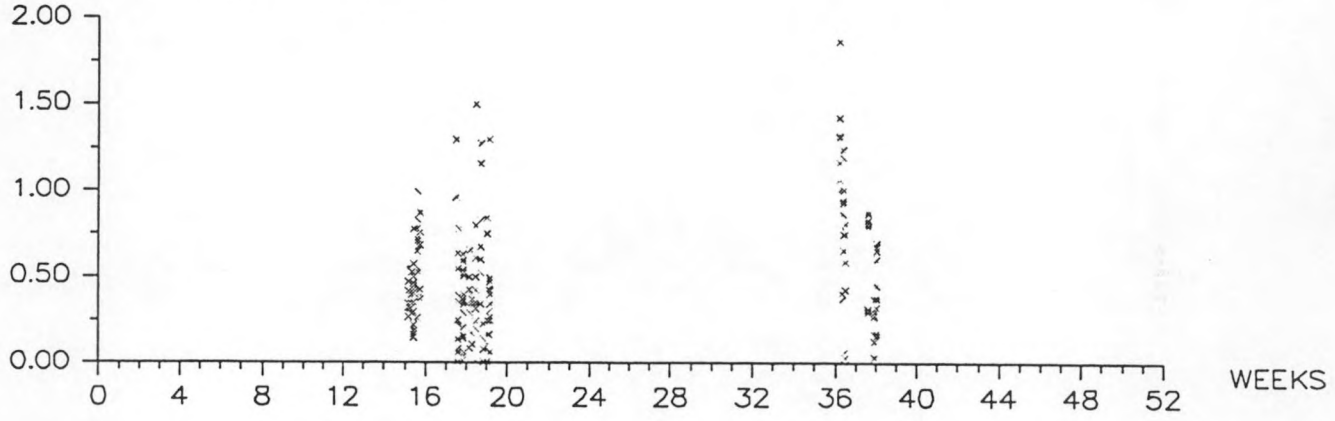
PCODE : 5001030101
ENAME : Lammers, S.
UNITS : MYMOL/L
NO. OF POSITIONS : 51
NO. OF DATA : 249
MINIMUM : 0.00
MAXIMUM : 1.86



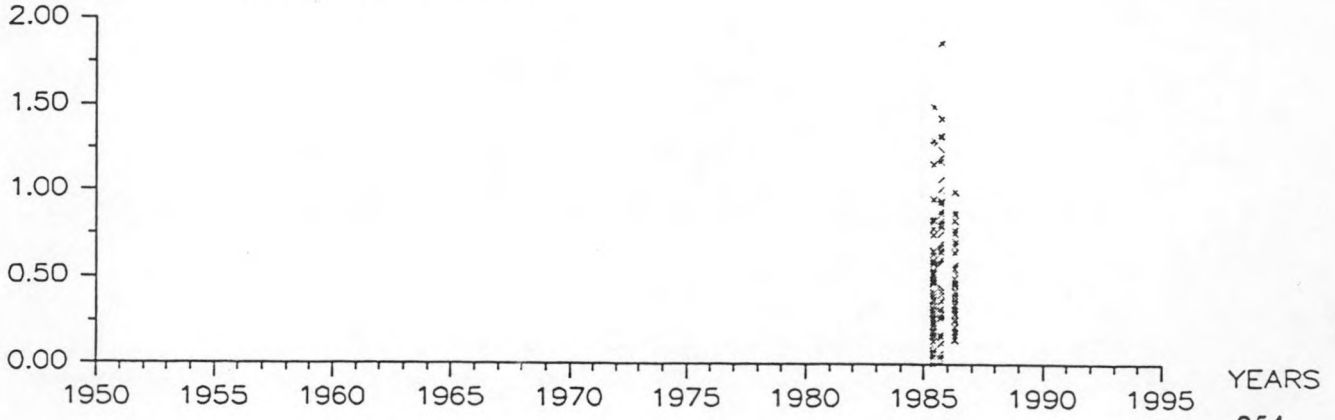
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



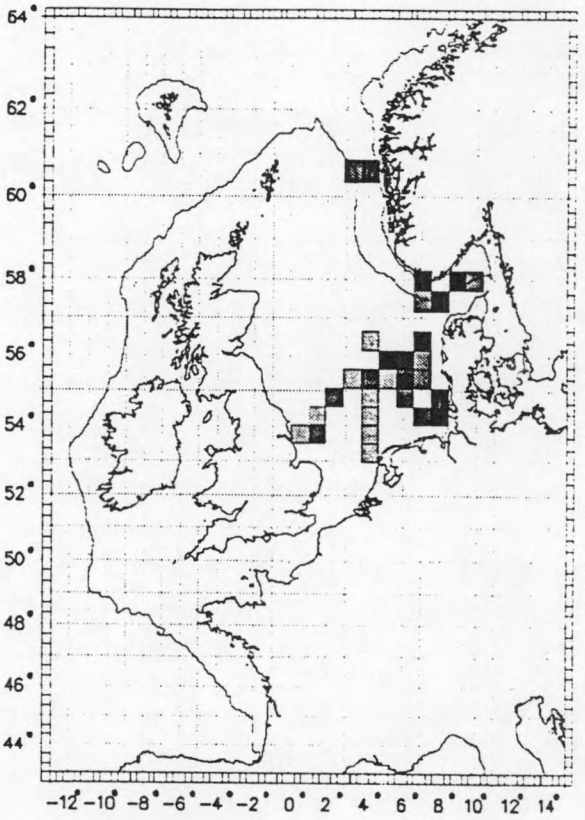
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030101
ENAME : Lammers, S.
UNITS : MYMOL/L
NO. OF DATA : 249
NO. OF POSITIONS : 51



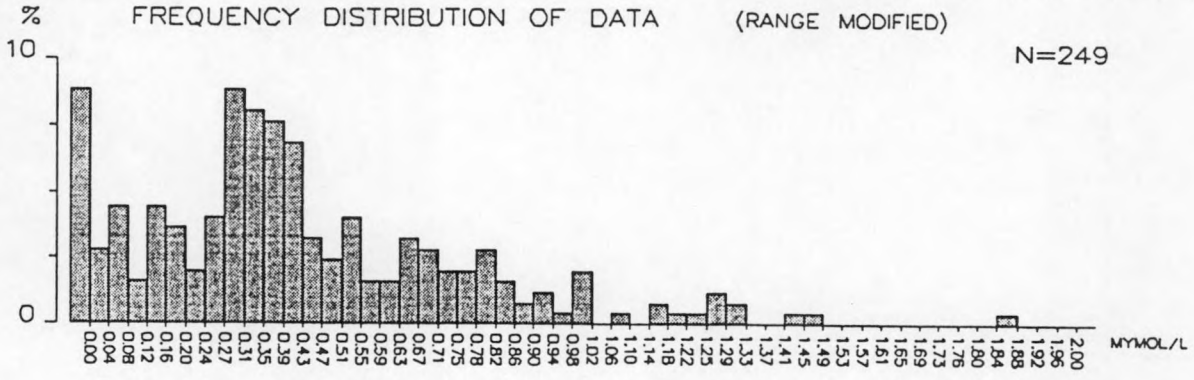
NO. OF DATA/AREA :
(without longterm data series !)

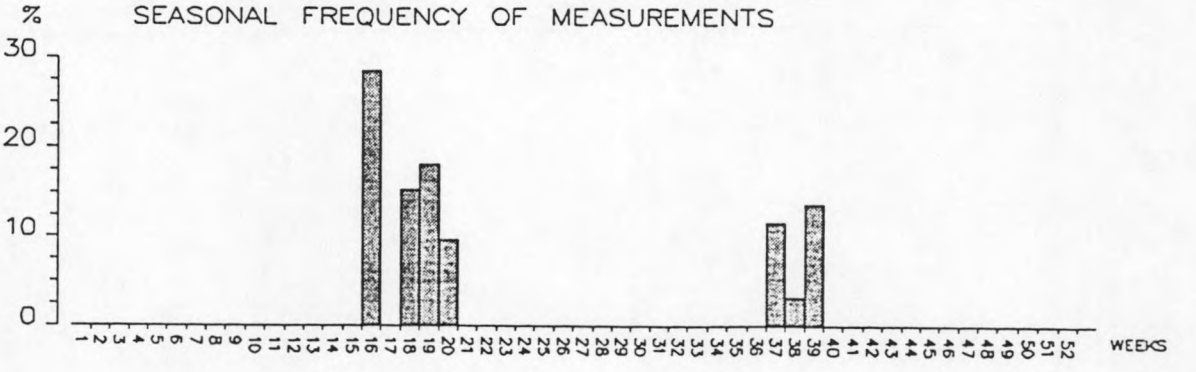
< 19	< 8
< 16	< 5
< 13	< 2
< 10	= 0

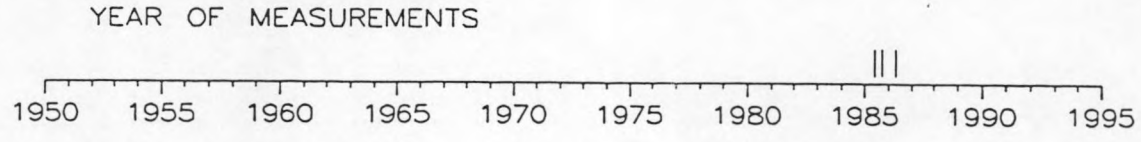
MINIMUM : 0.00
MAXIMUM : 1.86

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001030001

ENAME : Lammers, S.

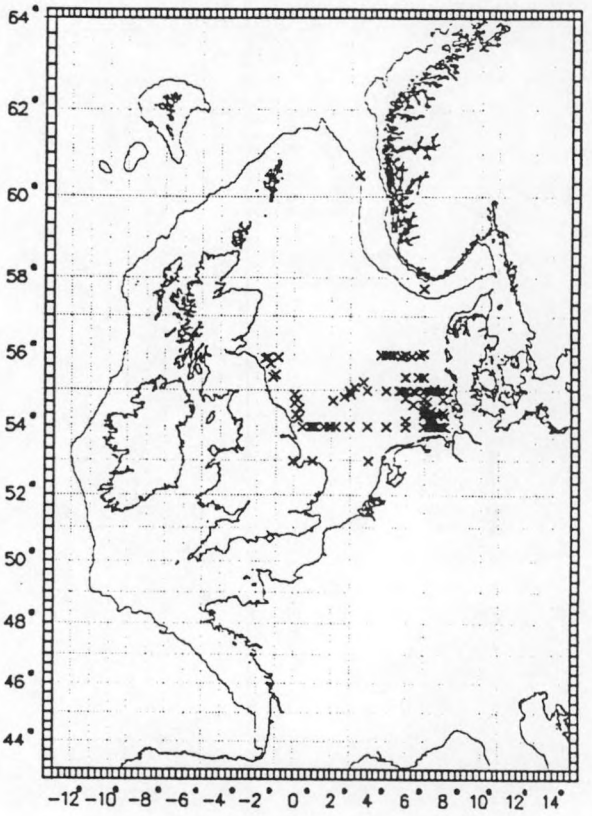
UNITS : MYMOL/L

NO. OF POSITIONS : 127

NO. OF DATA : 691

MINIMUM : 0.00

MAXIMUM : 2.60



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

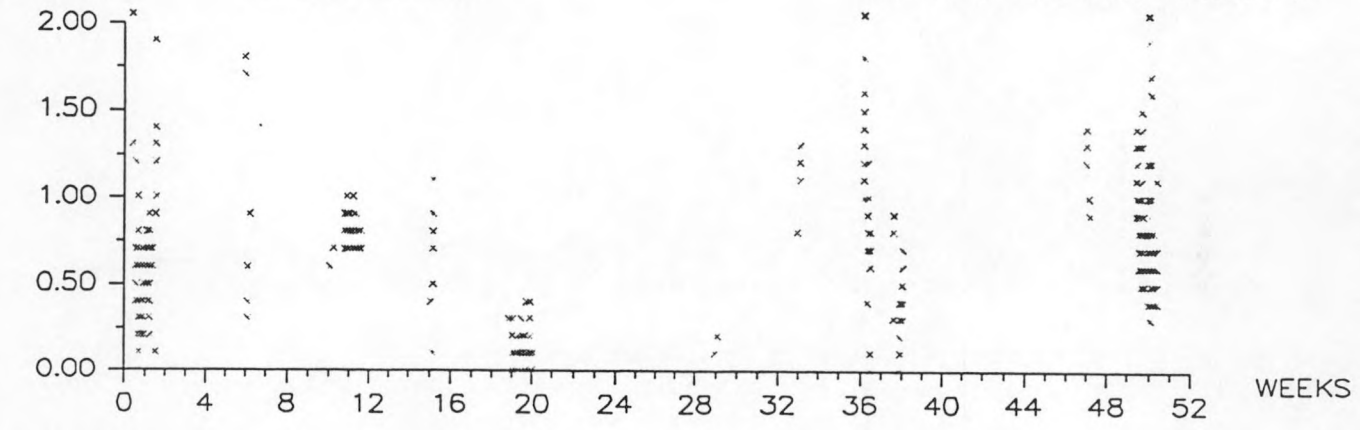
DEPTH–RANGE

UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 7



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 7



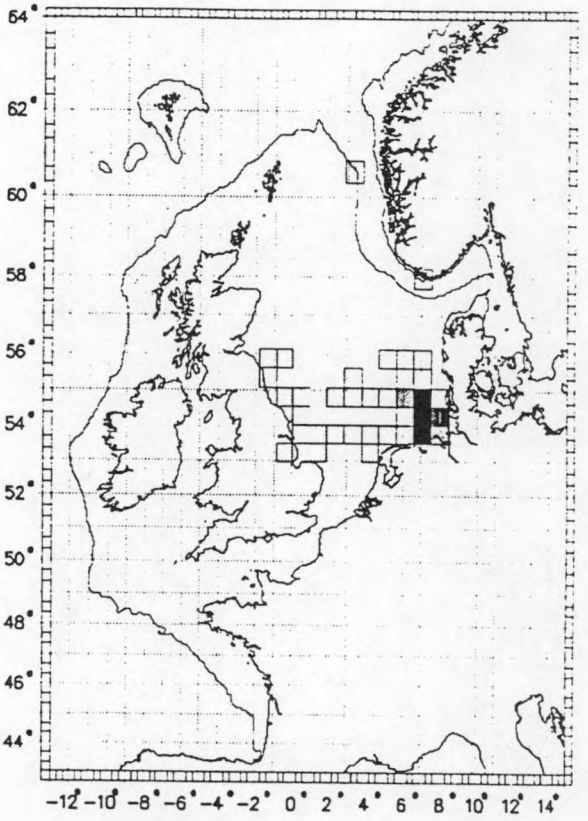
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (P04)

PCODE : 5001030001
ENAME : Lammers, S.
UNITS : MYMOL/L
NO. OF DATA : 691
NO. OF POSITIONS : 127



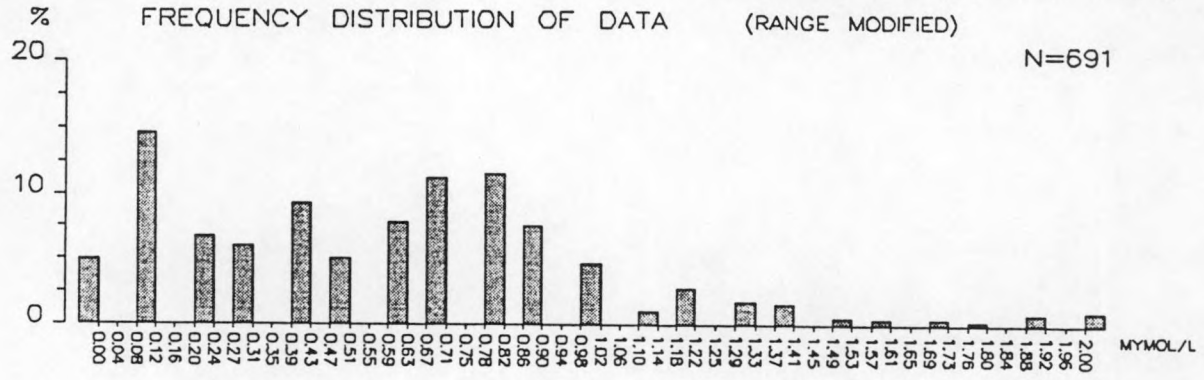
NO. OF DATA/AREA :
(without longterm data series !)

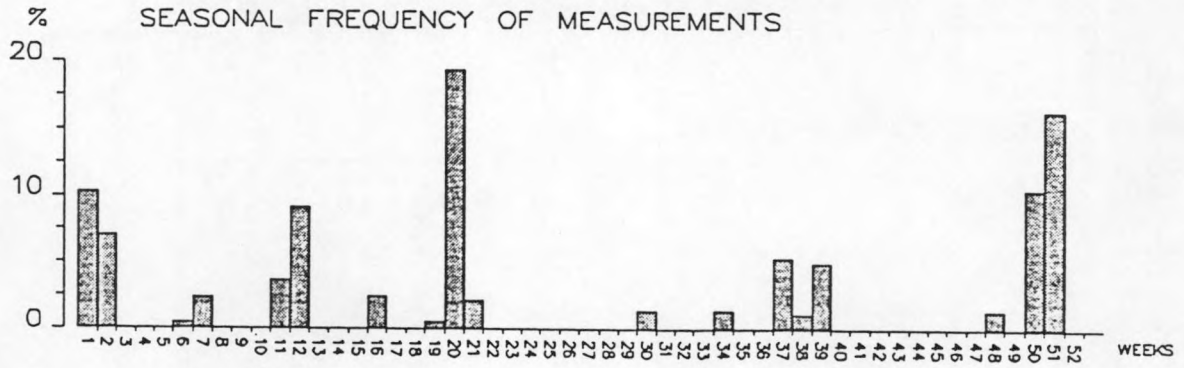
<	119	<	51
<	102	<	34
<	85	<	17
<	68	=	0

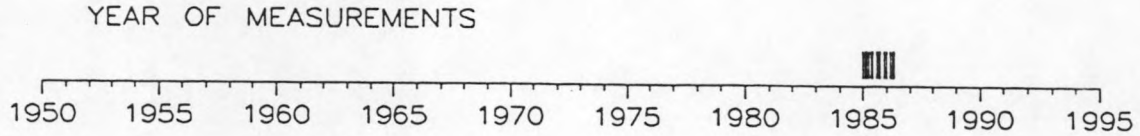
MINIMUM : 0.00
MAXIMUM : 2.60

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001010001

ENAME : HELCOM

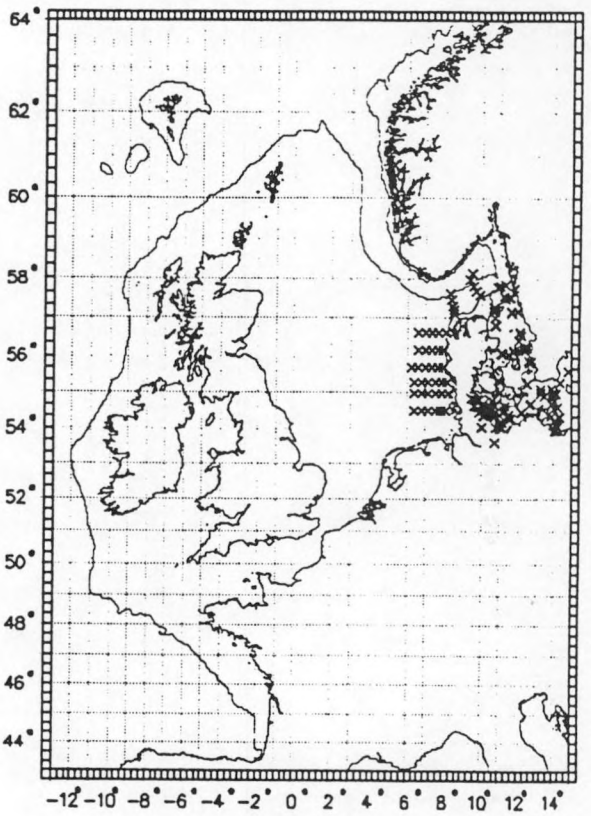
UNITS : MYMOL/L

NO. OF POSITIONS : 193

NO. OF DATA : 14873

MINIMUM : 0.00

MAXIMUM : 14.20



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

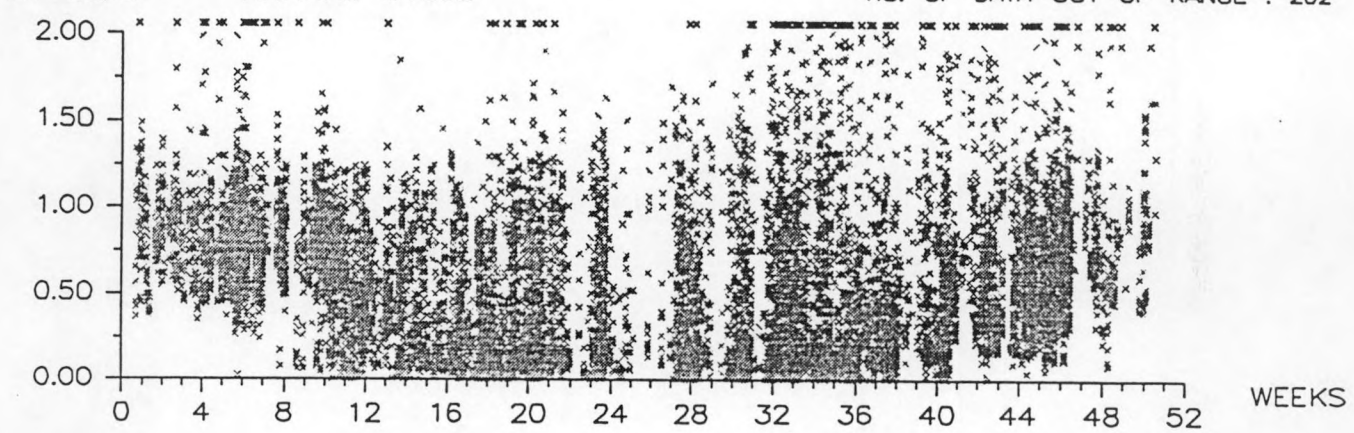
DEPTH–RANGE

UPPER : 0

LOWER : 2000

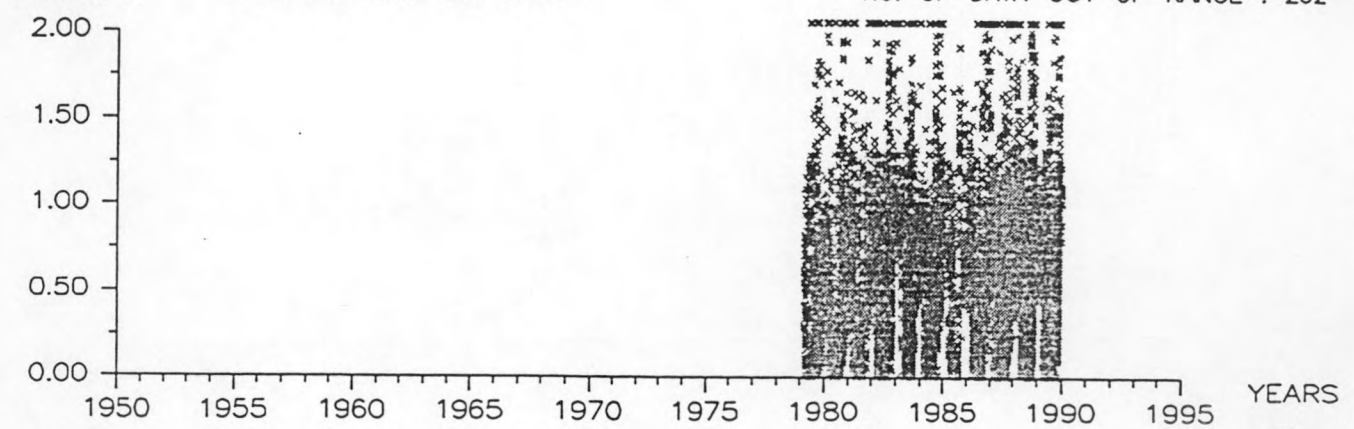
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 202



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 202



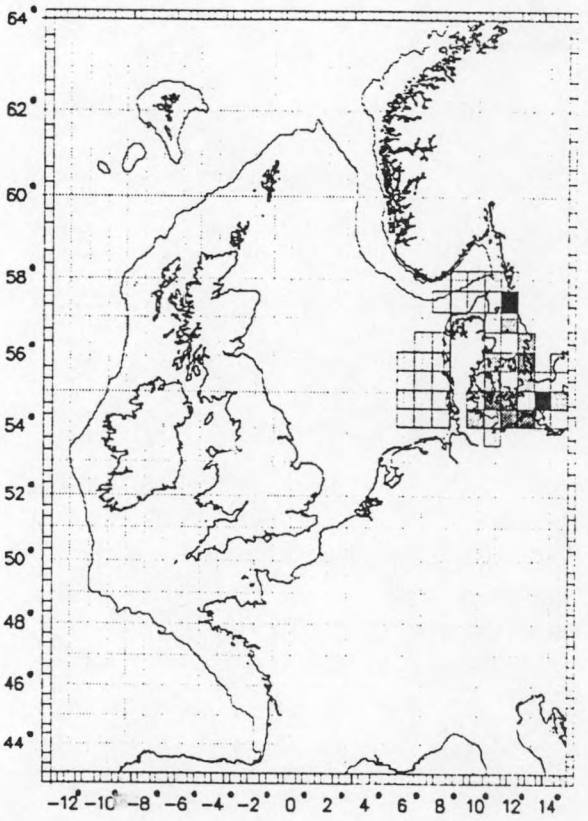
96–05–20

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001010001
ENAME : HELCOM
UNITS : MYMOL/L
NO. OF DATA : 14873
NO. OF POSITIONS : 193



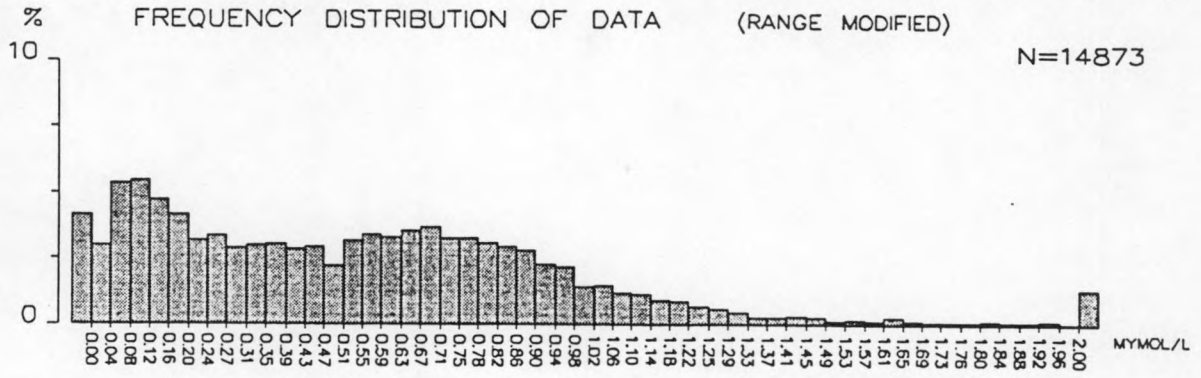
NO. OF DATA/AREA :
(without longterm data series !)

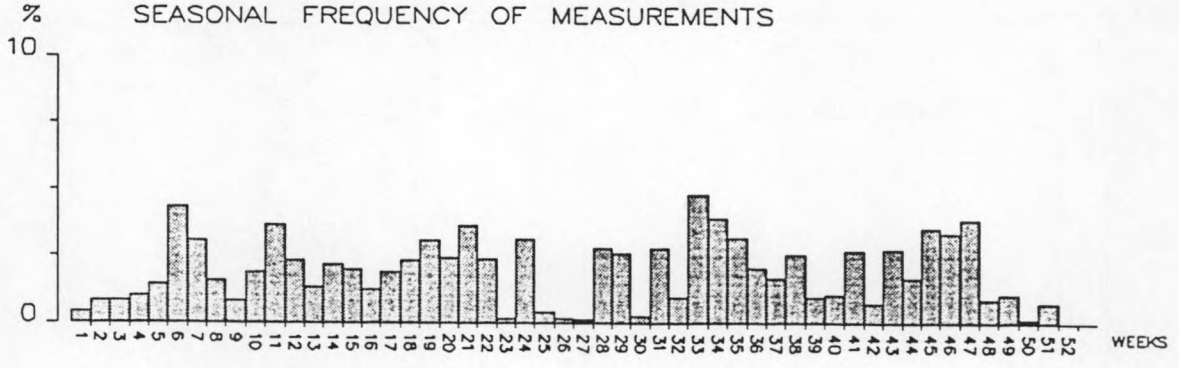
<	2547	<	1091
<	2183	<	727
<	1819	<	363
<	1455	=	0

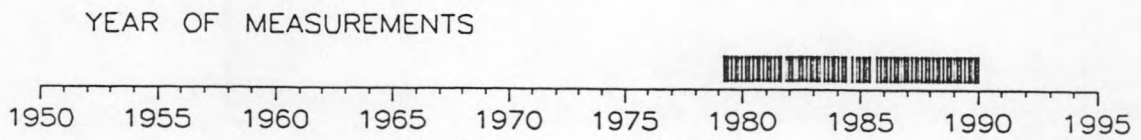
MINIMUM : 0.00
MAXIMUM : 14.20

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001030101

ENAME : Van Beusekom

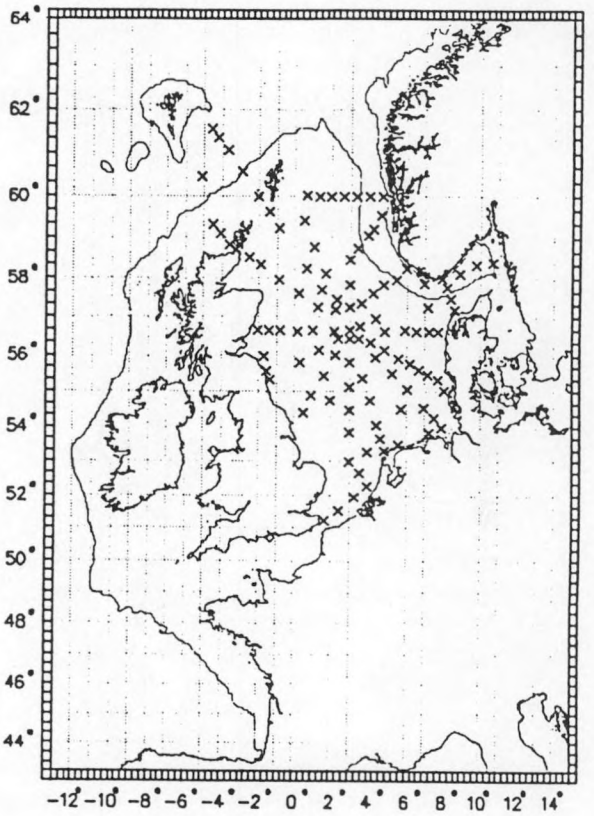
UNITS : MYMOL/L

NO. OF POSITIONS : 113

NO. OF DATA : 477

MINIMUM : 0.00

MAXIMUM : 0.97



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

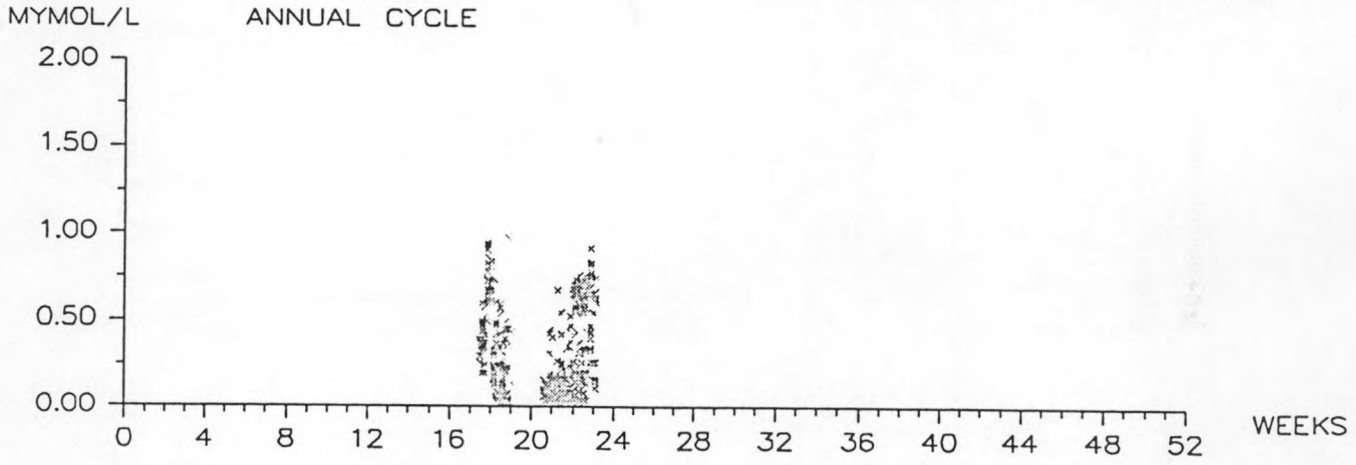
FIRST WEEK : 1

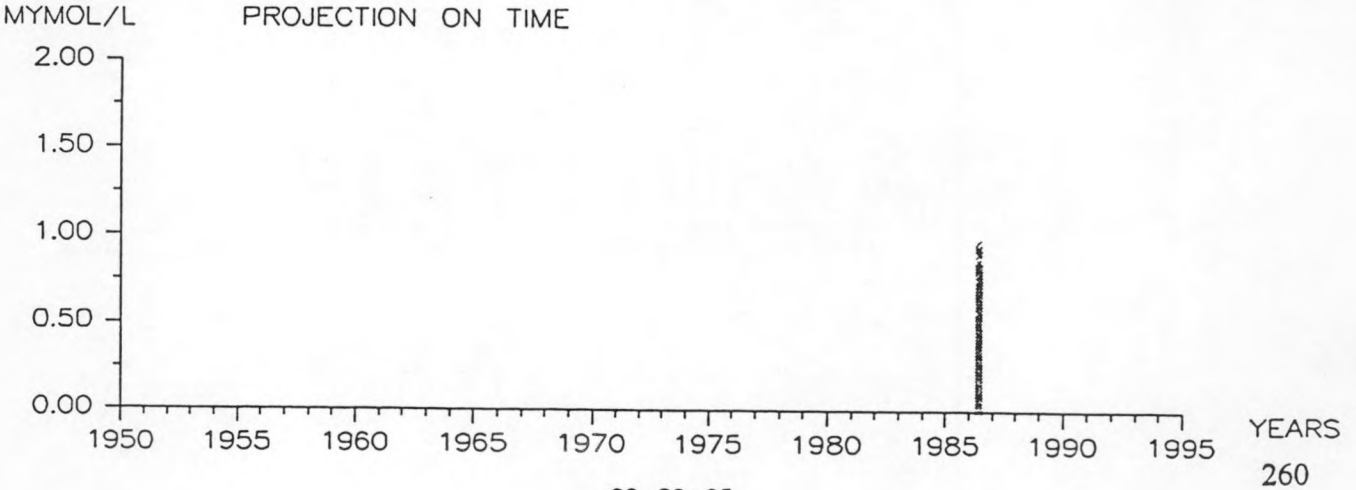
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



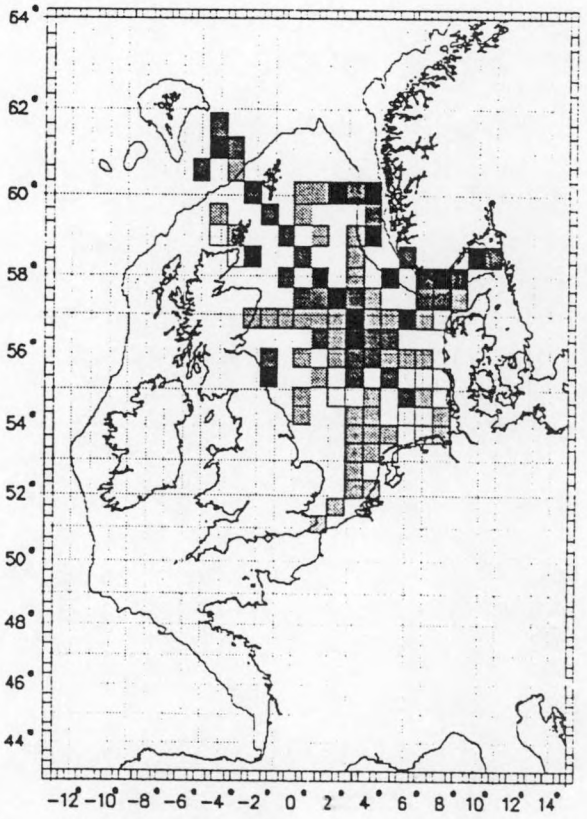


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030101
ENAME : Van Beusekom
UNITS : MYMOL/L
NO. OF DATA : 477
NO. OF POSITIONS : 113



NO. OF DATA/AREA :
(without longterm data series !)

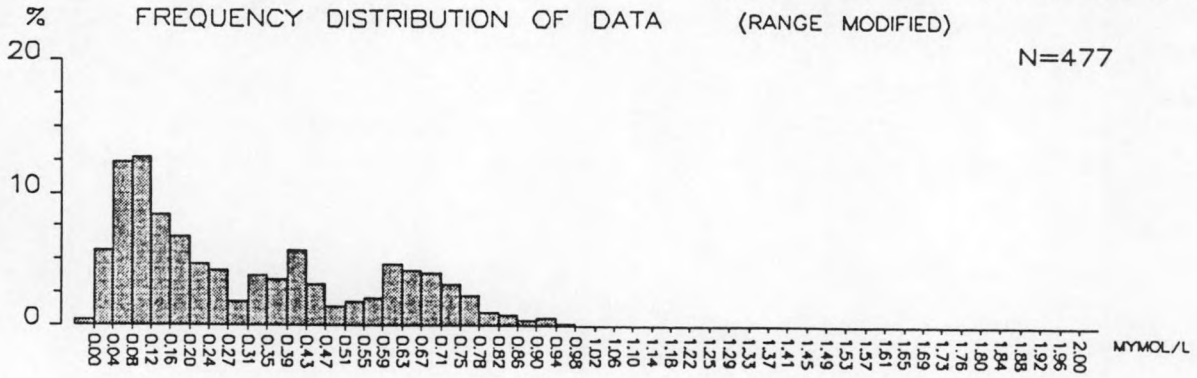
< 14
< 12
< 10
< 8

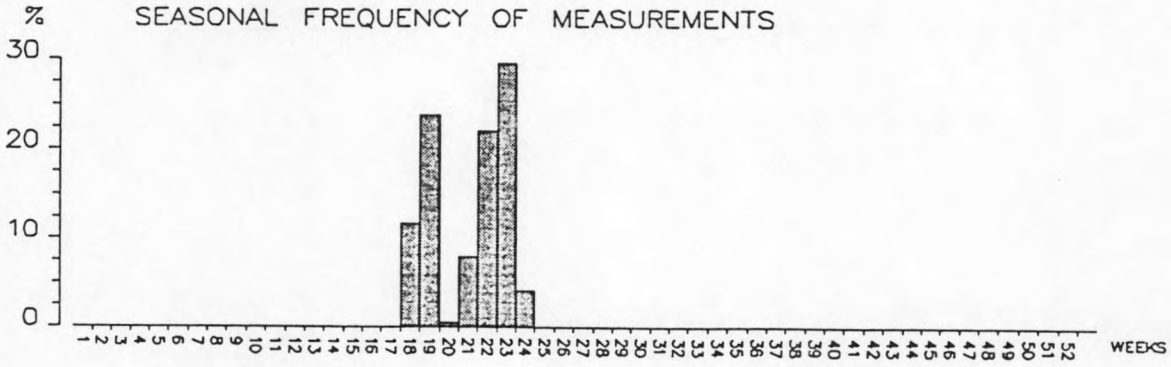
< 6
< 4
< 2
= 0

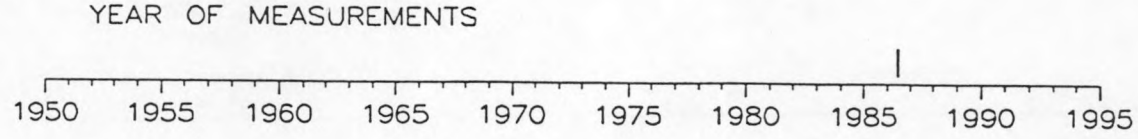
MINIMUM : 0.00
MAXIMUM : 0.97

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001

ENAME : IBLC

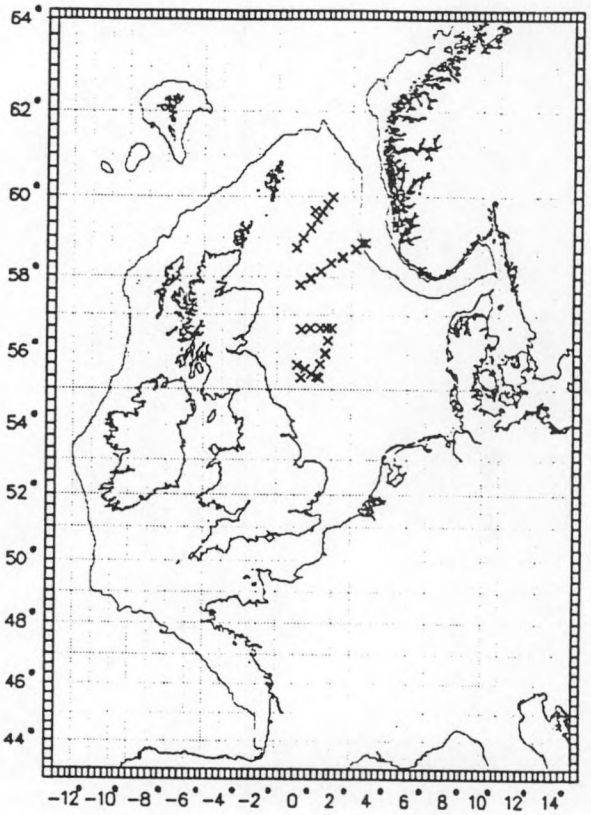
UNITS : MYMOL/L

NO. OF POSITIONS : 39

NO. OF DATA : 288

MINIMUM : 0.07

MAXIMUM : 0.68



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

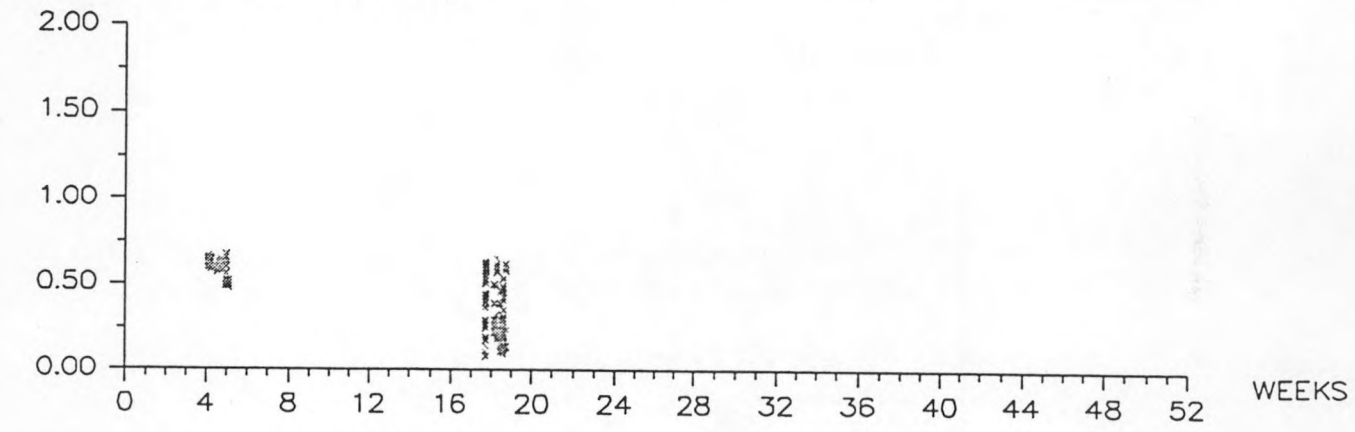
LAST WEEK : 53

DEPTH–RANGE

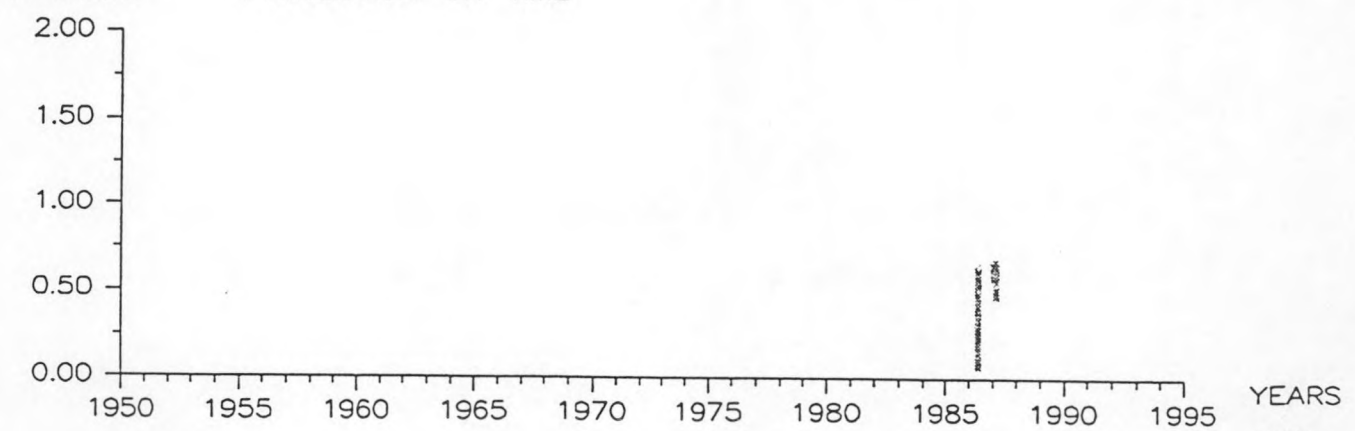
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

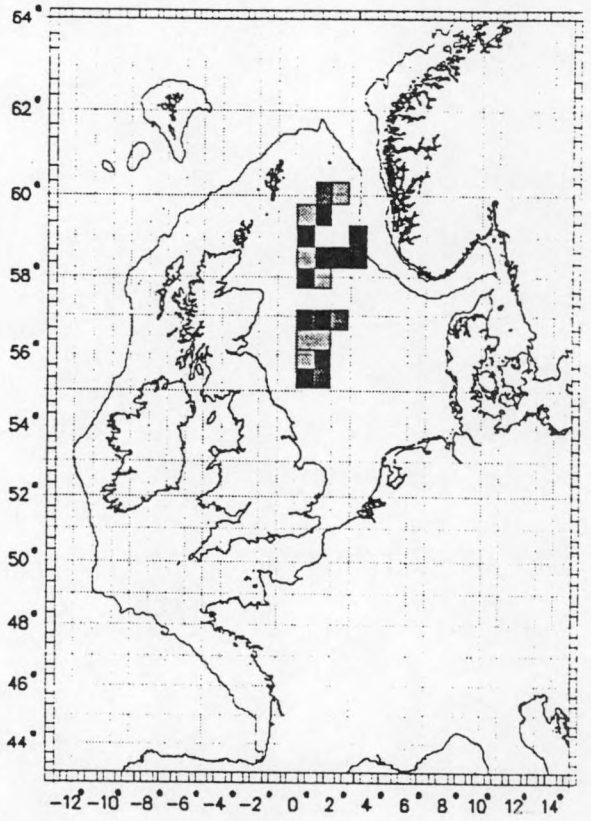


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : IBLC
UNITS : MYMOL/L
NO. OF DATA : 288
NO. OF POSITIONS : 39



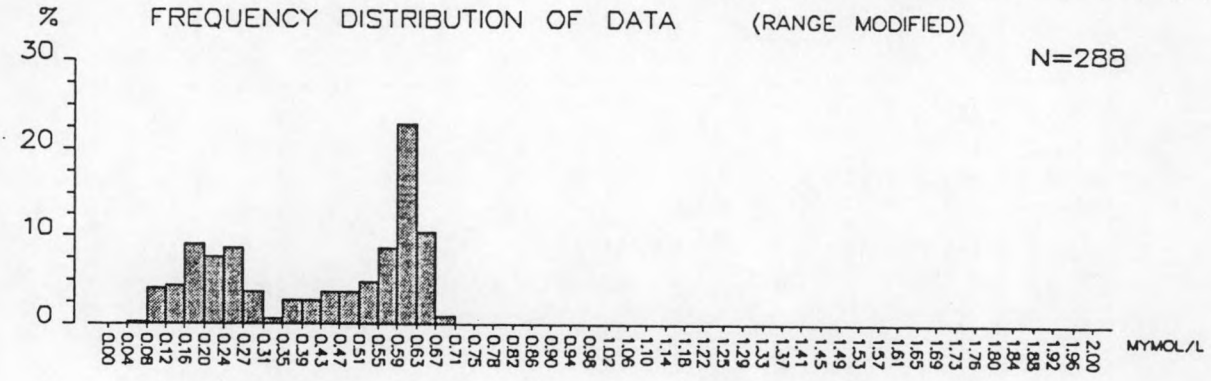
NO. OF DATA/AREA :
(without longterm data series !)

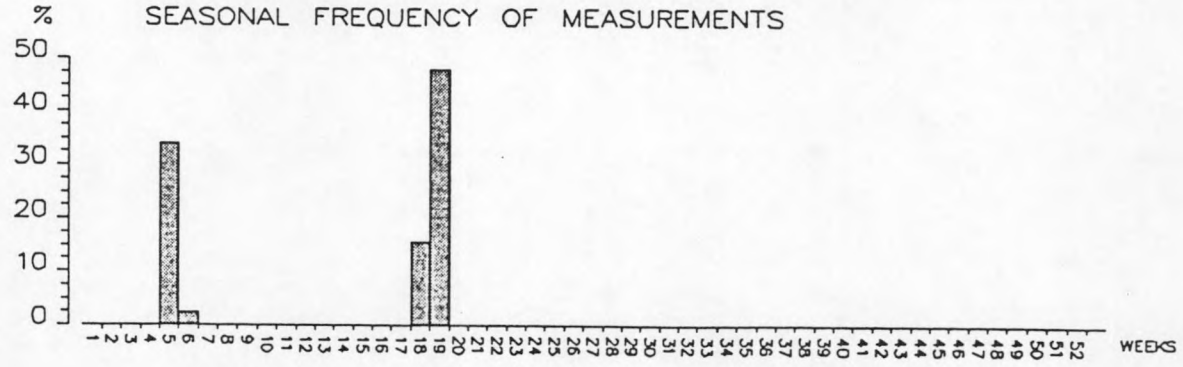
< 28	< 12
< 24	< 8
< 20	< 4
< 16	= 0

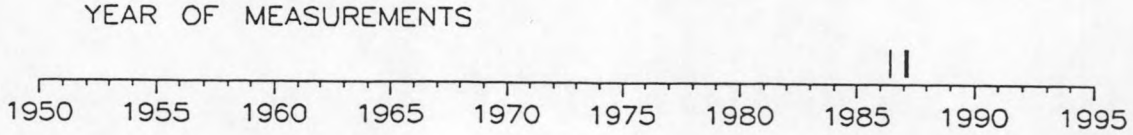
MINIMUM : 0.07
MAXIMUM : 0.68

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001010001

ENAME : ICES

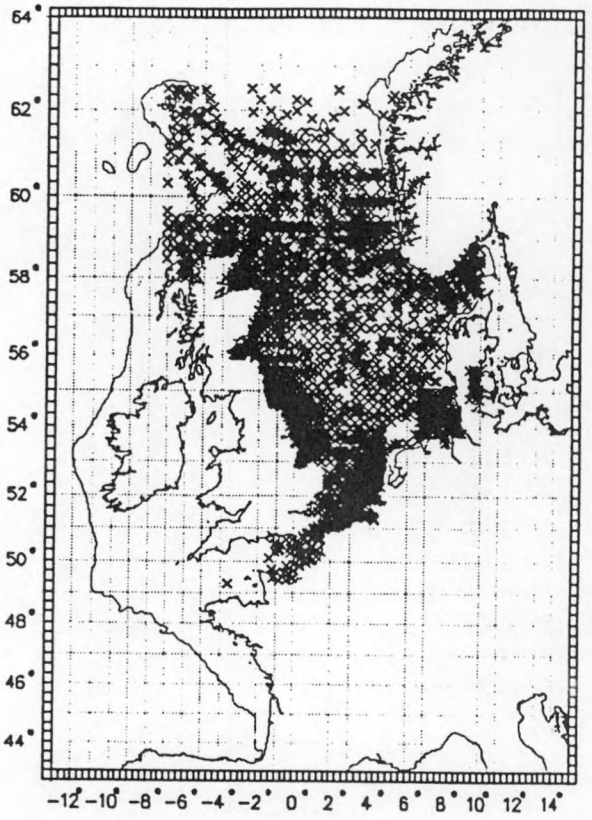
UNITS : MYMOL/L

NO. OF POSITIONS : 4188

NO. OF DATA : 30807

MINIMUM : 0.00

MAXIMUM : 19.99



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

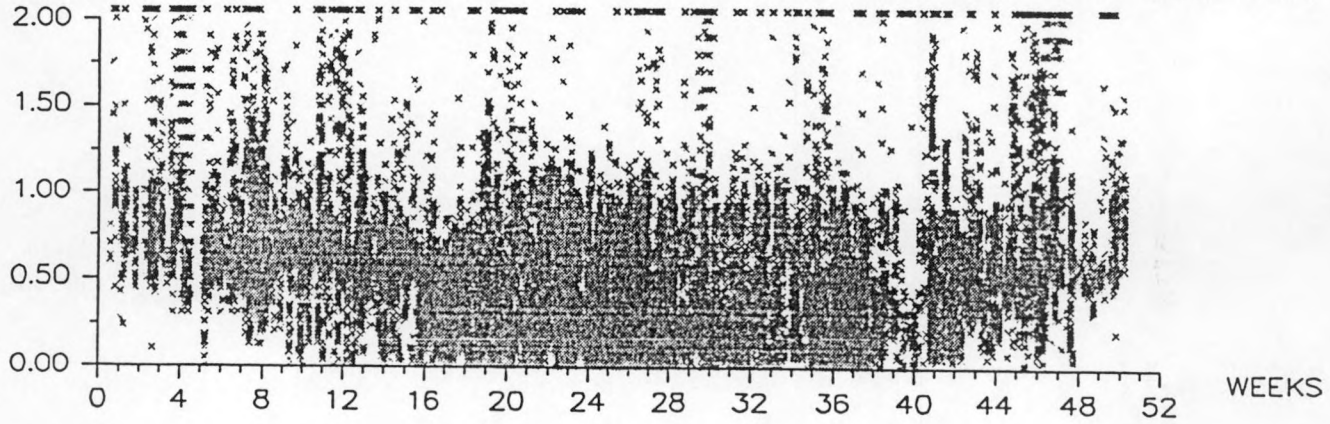
DEPTH–RANGE

UPPER : 0

LOWER : 2000

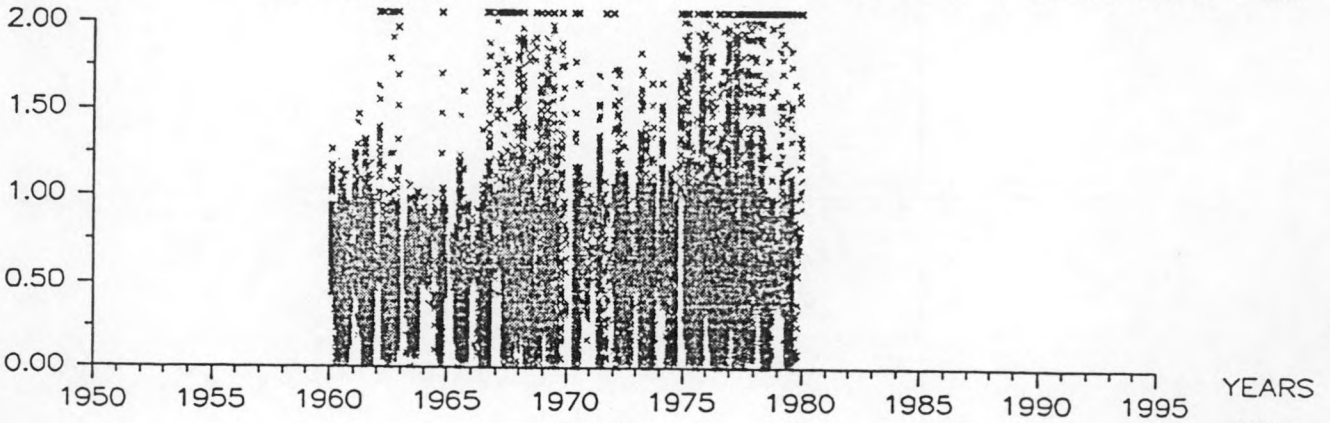
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 816



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 816

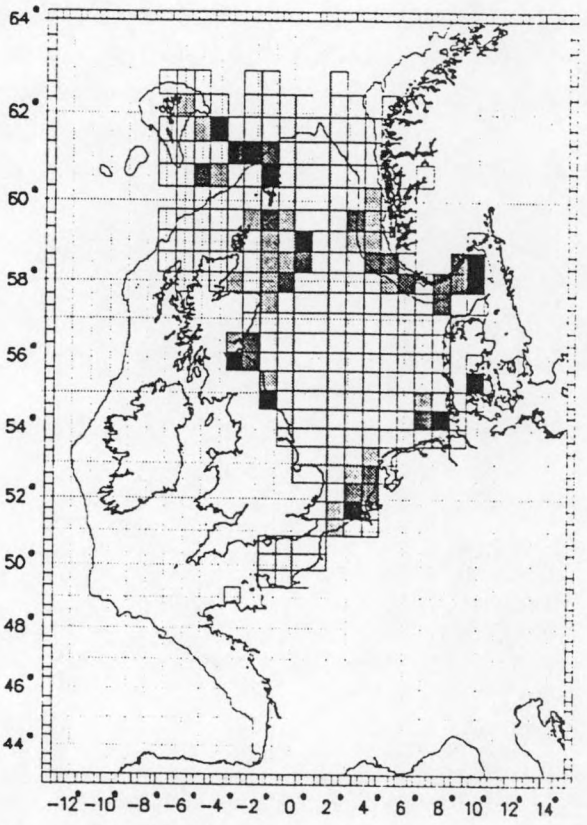


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001010001
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 30807
NO. OF POSITIONS : 4188



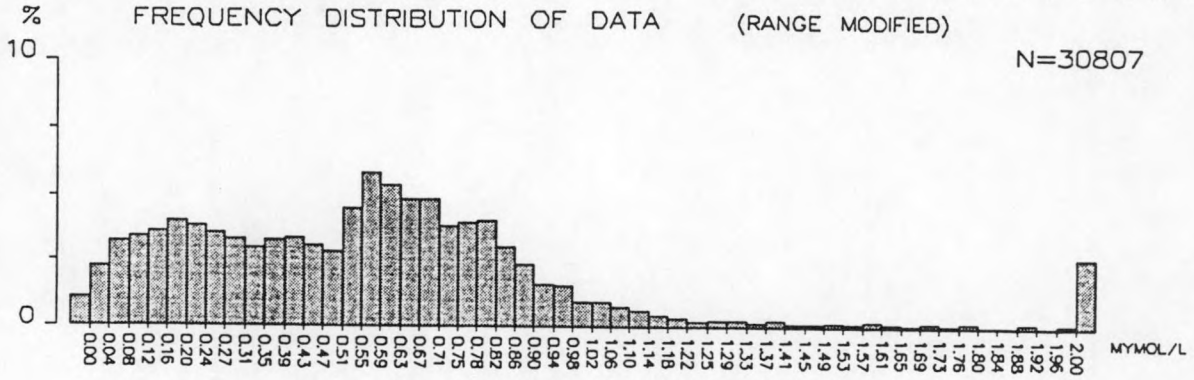
NO. OF DATA/AREA :
(without longterm data series !)

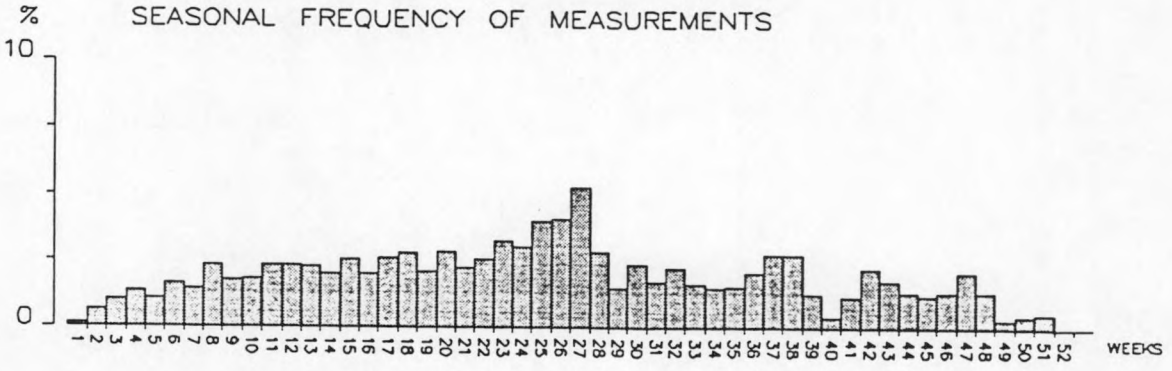
<	1080	<	462
<	925	<	308
<	771	<	154
<	617	=	0

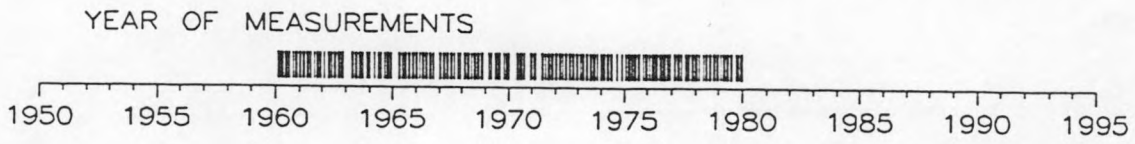
MINIMUM : 0.00
MAXIMUM : 19.99

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096

ENAME : ICES

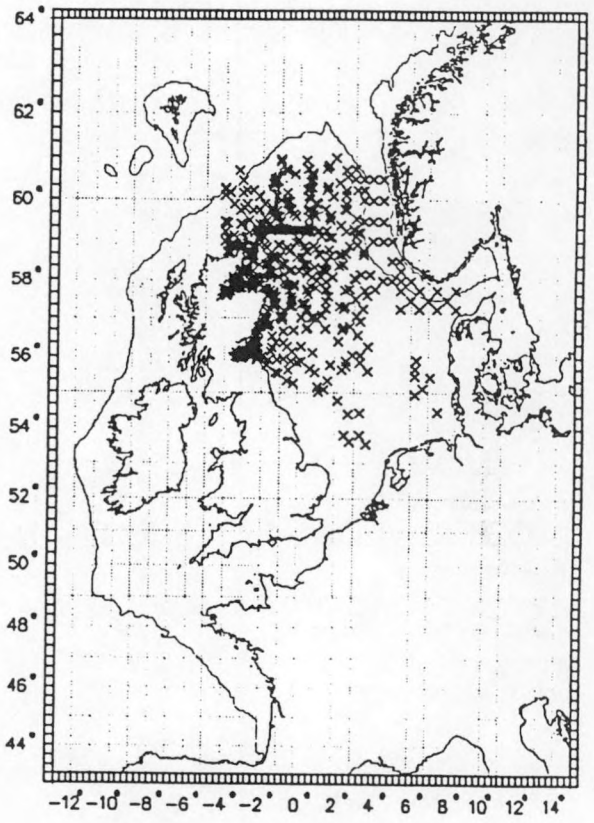
UNITS : MYMOL/L

NO. OF POSITIONS : 783

NO. OF DATA : 5381

MINIMUM : 0.01

MAXIMUM : 5.51



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

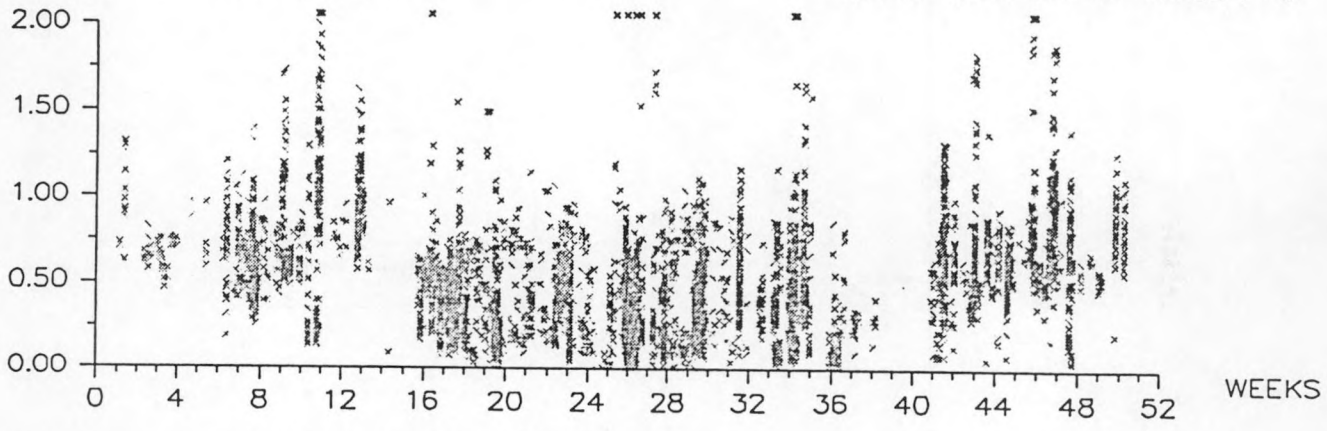
DEPTH–RANGE

UPPER : 0

LOWER : 2000

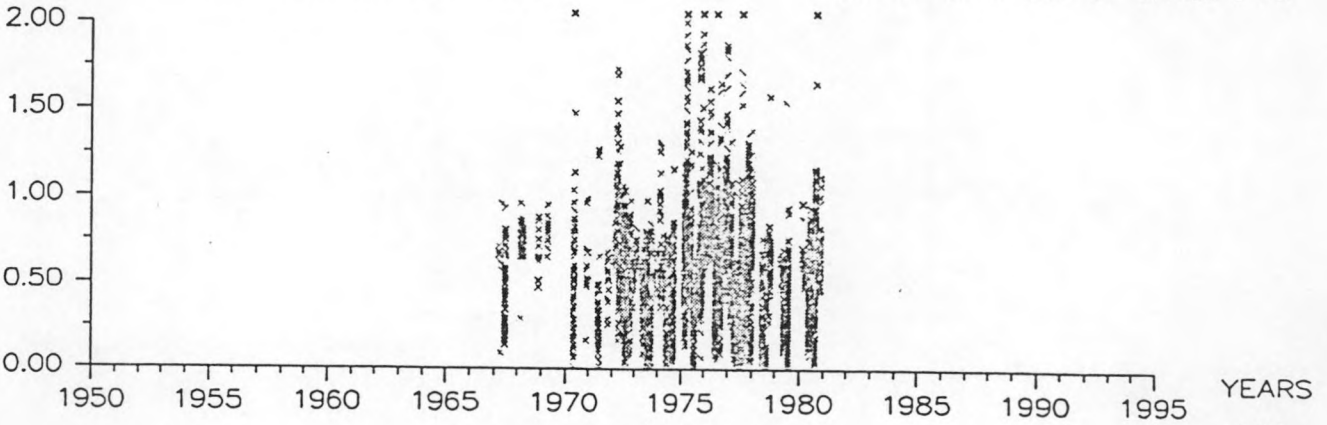
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 40



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 40

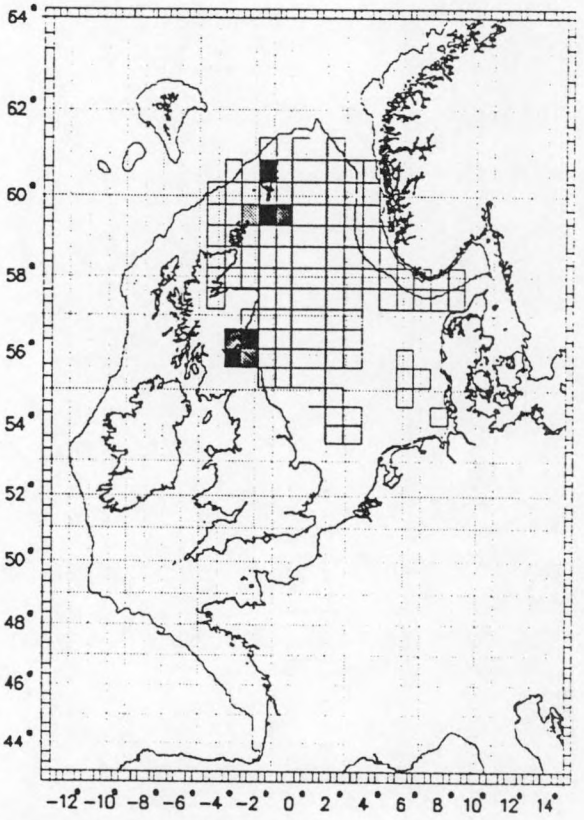


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 5381
NO. OF POSITIONS : 783



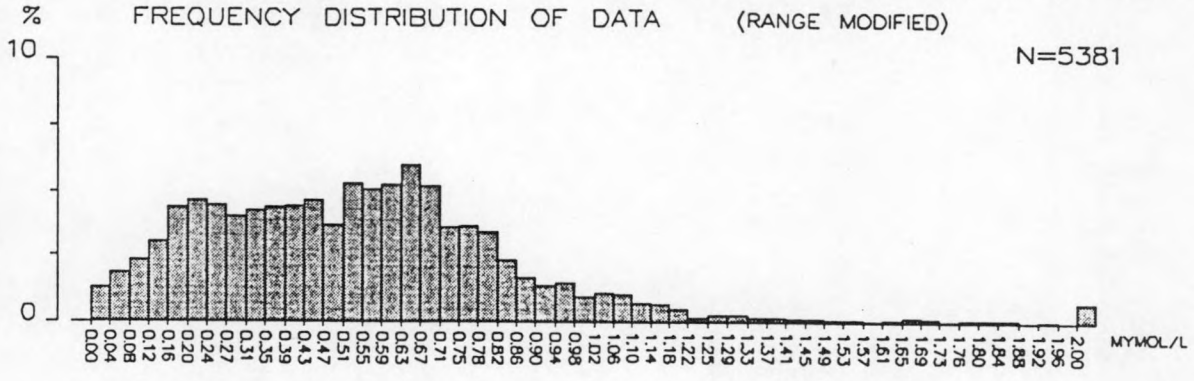
NO. OF DATA/AREA :
(without longterm data series !)

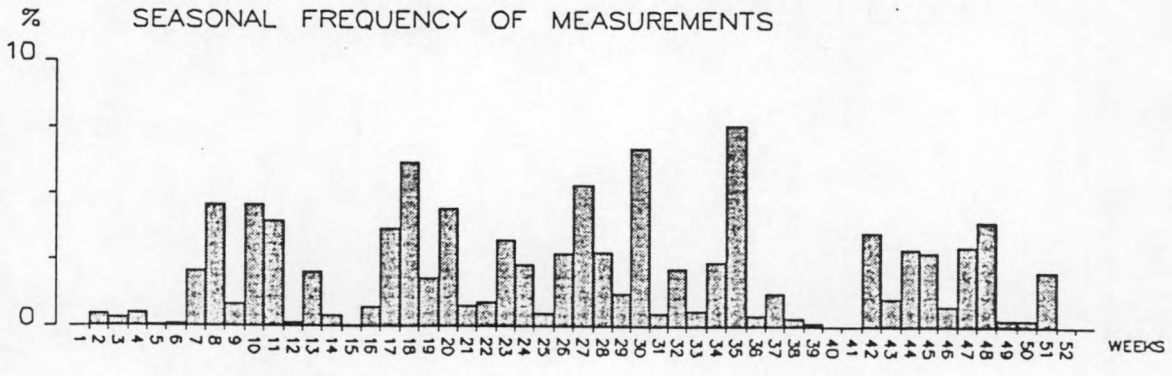
< 833	< 357
< 714	< 238
< 595	< 119
< 476	= 0

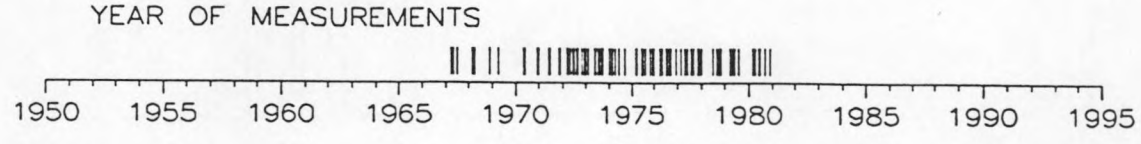
MINIMUM : 0.01
MAXIMUM : 5.51

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001030098

ENAME : ICES

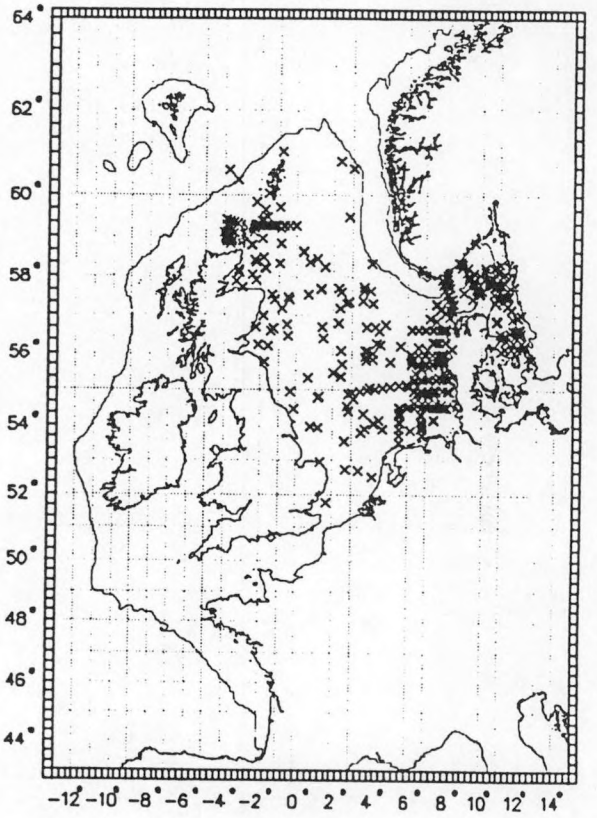
UNITS : MYMOL/L

NO. OF POSITIONS : 609

NO. OF DATA : 4619

MINIMUM : 0.01

MAXIMUM : 2.93



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

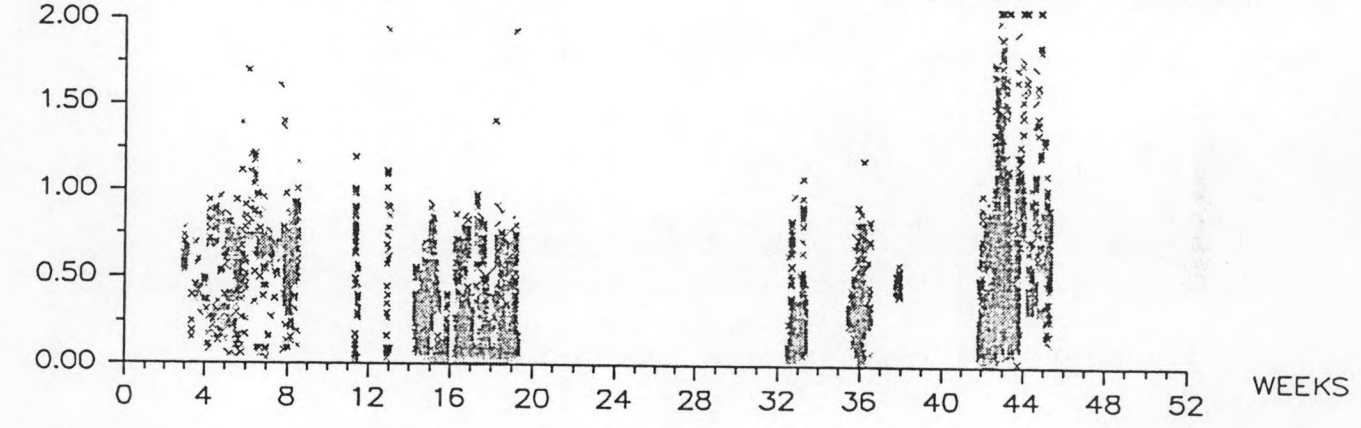
DEPTH–RANGE

UPPER : 0

LOWER : 2000

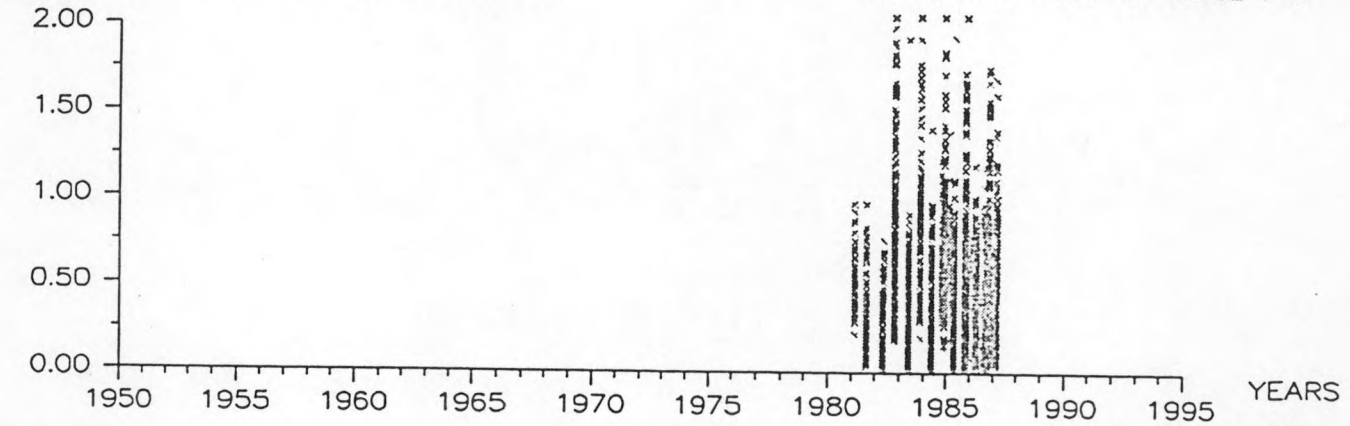
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 17



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 17

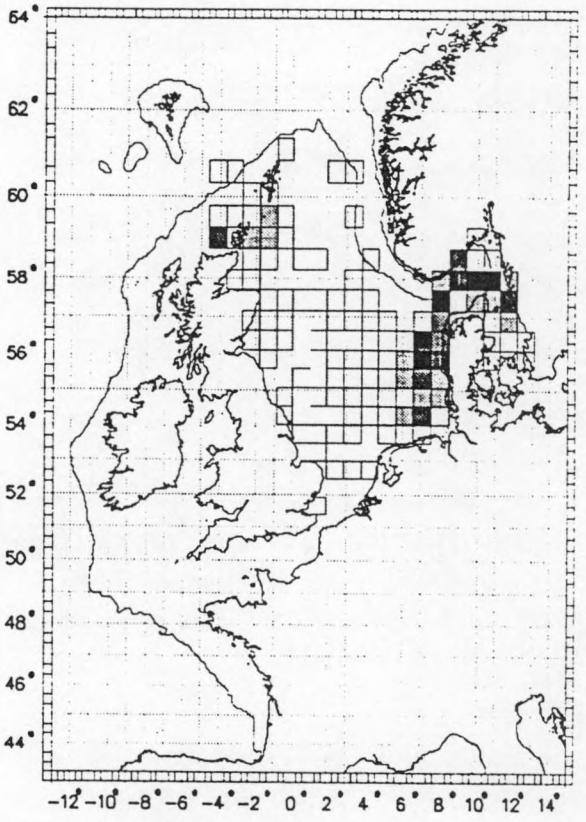


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030098
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 4619
NO. OF POSITIONS : 609



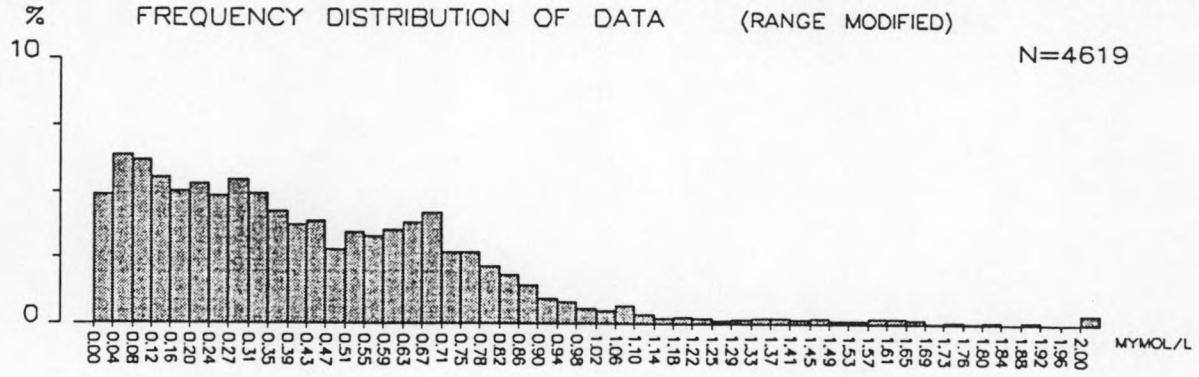
NO. OF DATA/AREA :
(without longterm data series !)

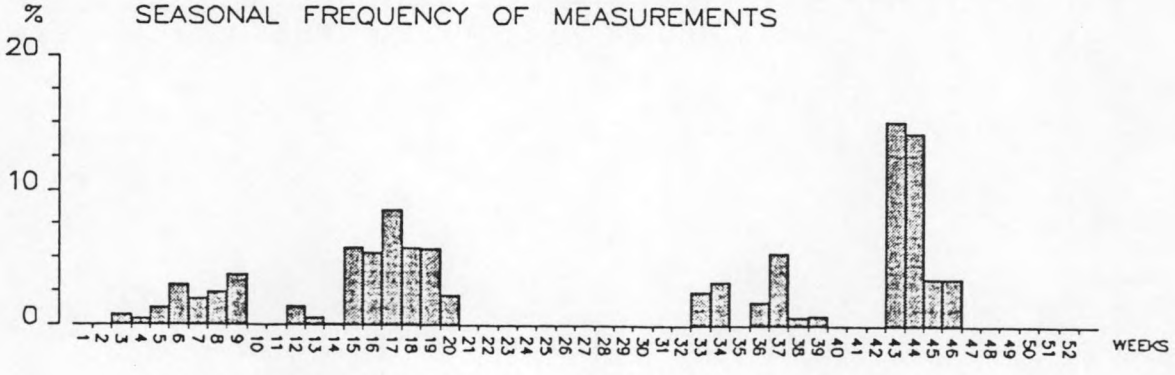
<	354	<	151
<	303	<	101
<	252	<	50
<	202	=	0

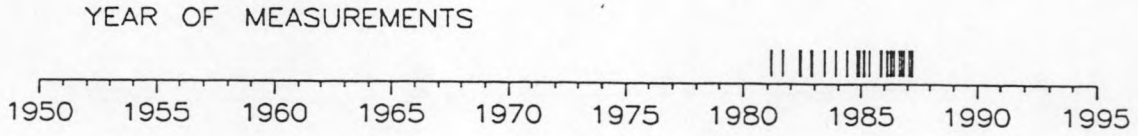
MINIMUM : 0.01
MAXIMUM : 2.93

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001030099

ENAME : ICES

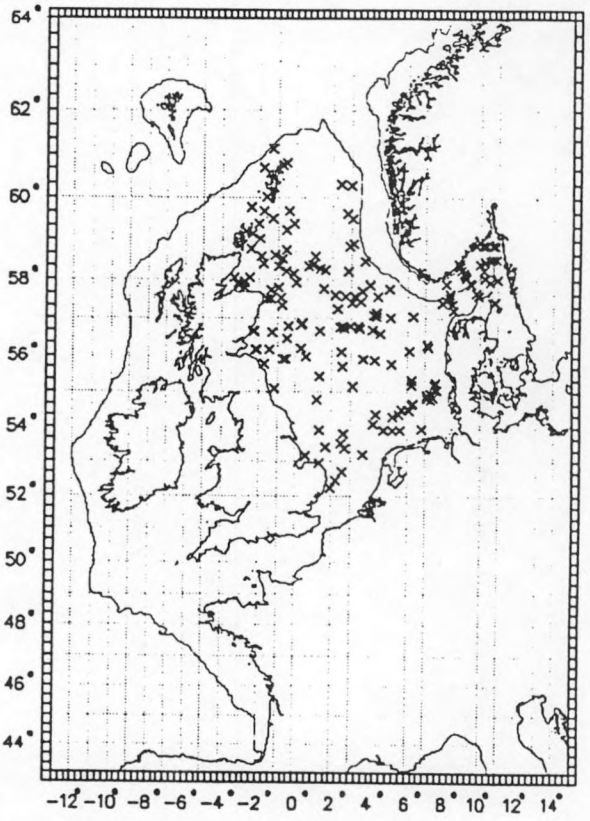
UNITS : MYMOL/L

NO. OF POSITIONS : 175

NO. OF DATA : 726

MINIMUM : 0.01

MAXIMUM : 1.64



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

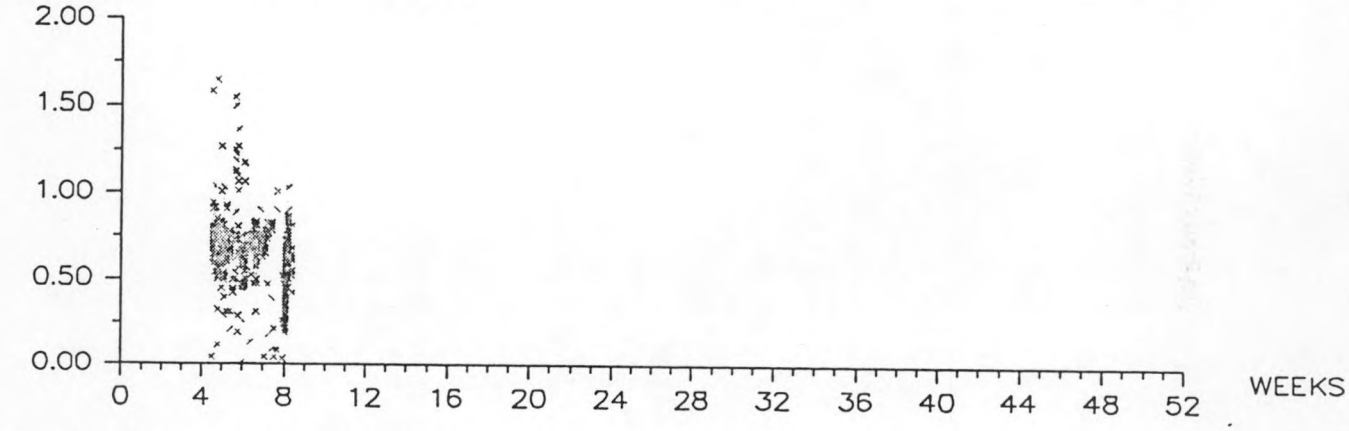
LAST WEEK : 53

DEPTH–RANGE

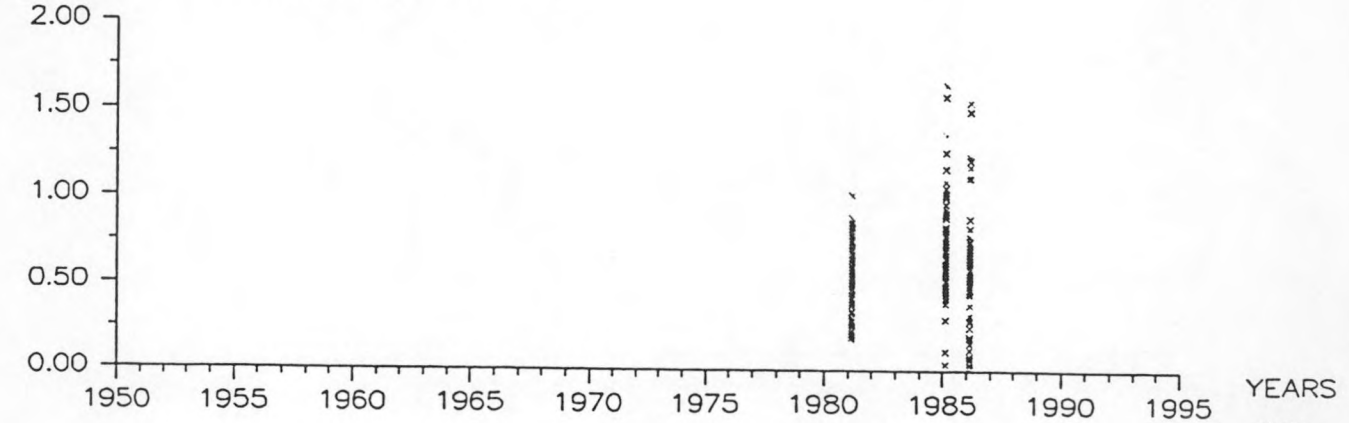
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



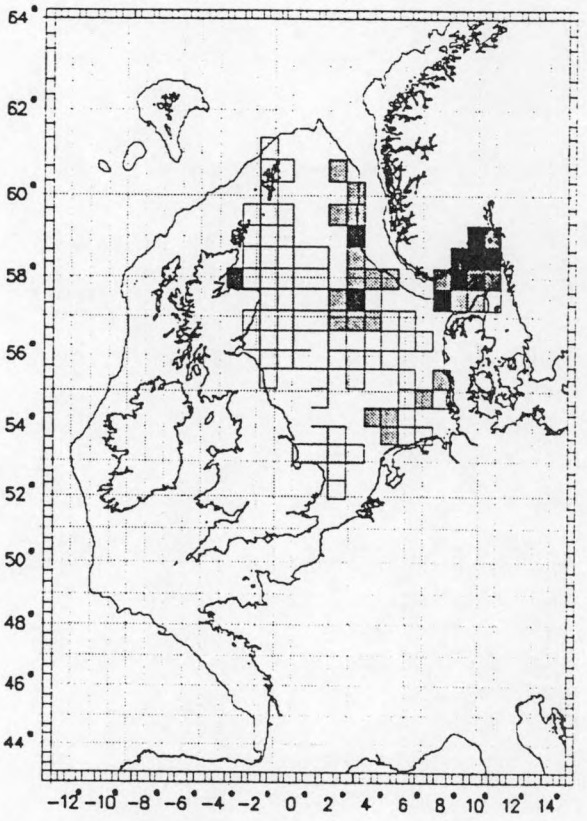
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030099
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 726
NO. OF POSITIONS : 175



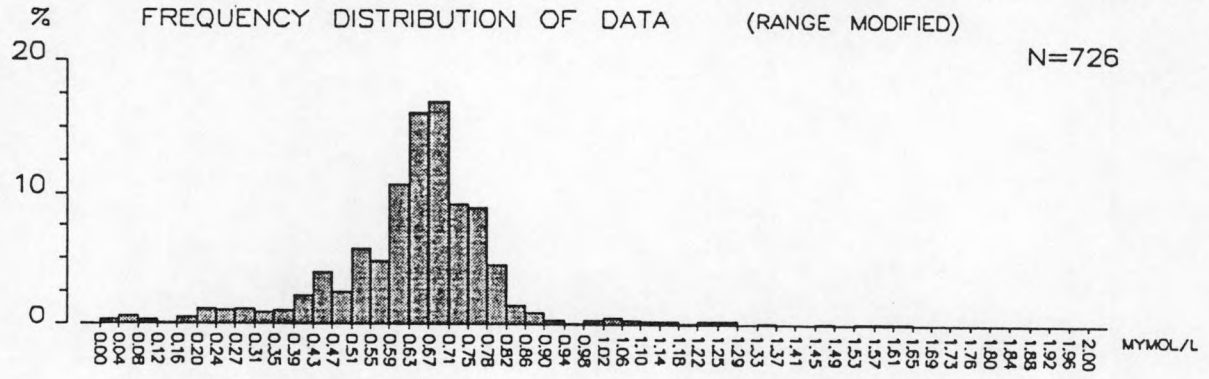
NO. OF DATA/AREA :
(without longterm data series !)

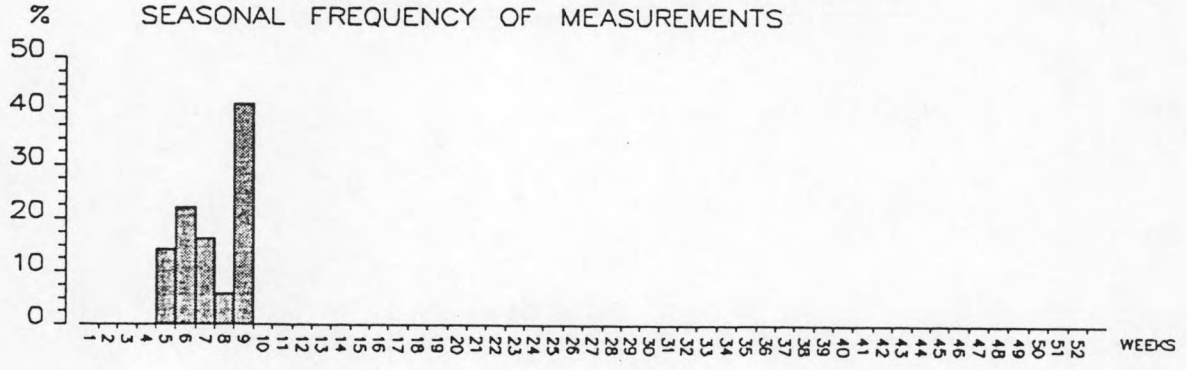
< 47	< 20
< 40	< 13
< 33	< 6
< 26	= 0

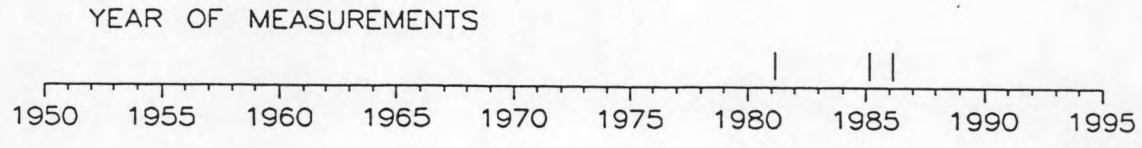
MINIMUM : 0.01
MAXIMUM : 1.64

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096

ENAME : ICES/SMHI

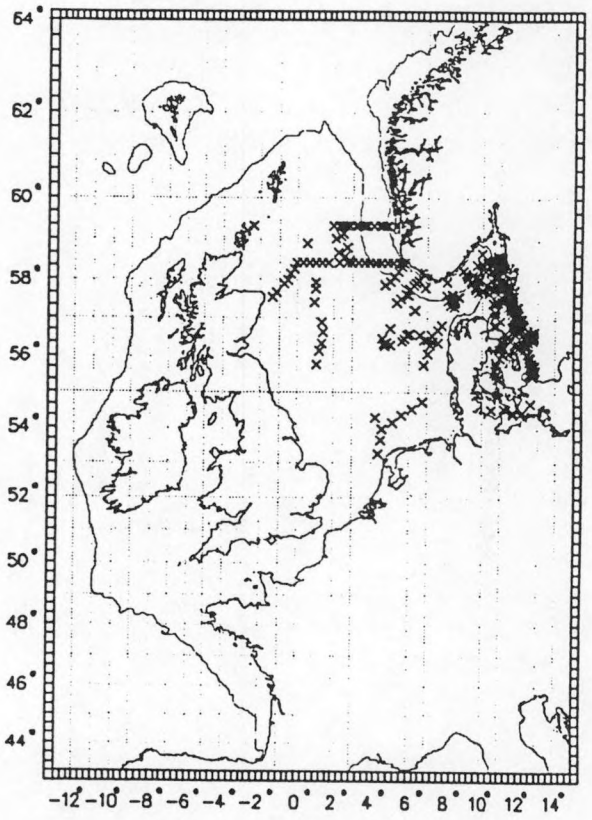
UNITS : MYMOL/L

NO. OF POSITIONS : 370

NO. OF DATA : 17854

MINIMUM : 0.02

MAXIMUM : 7.75



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

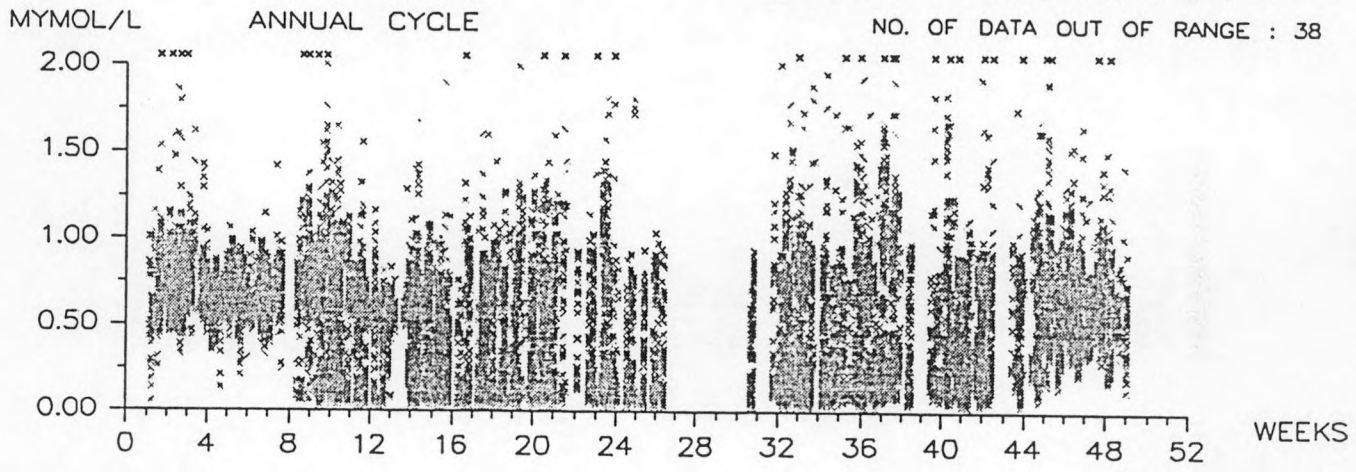
FIRST WEEK : 1

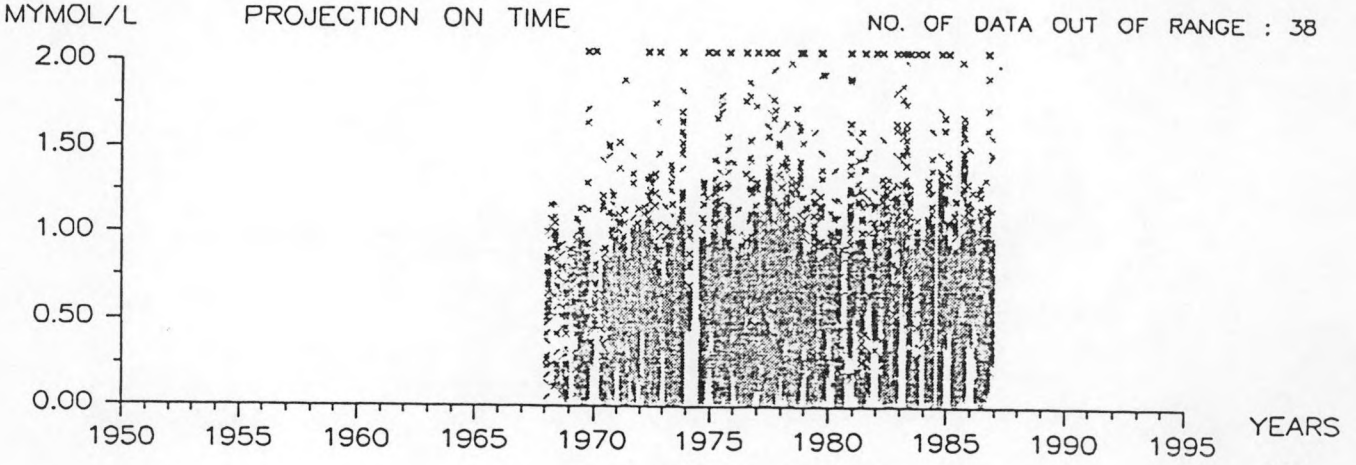
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



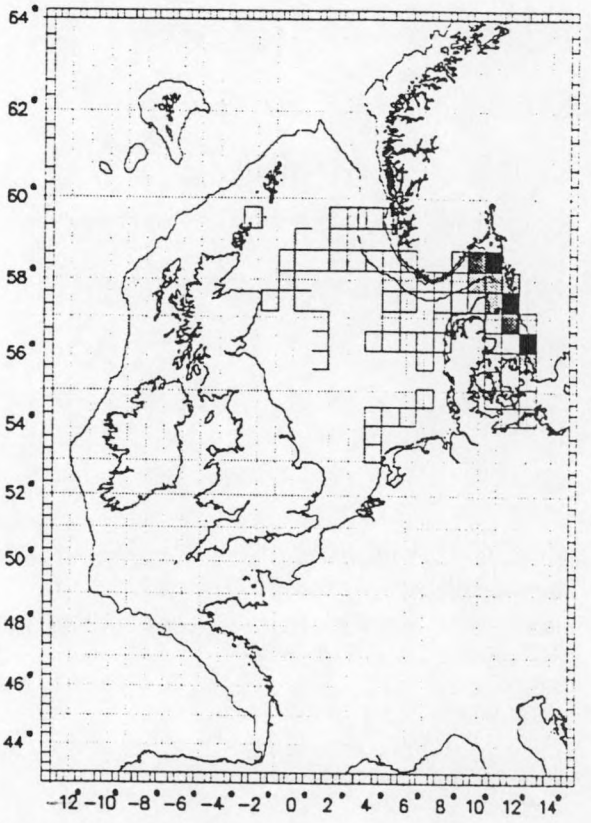


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096
ENAME : ICES/SMHI
UNITS : MYMOL/L
NO. OF DATA : 17854
NO. OF POSITIONS : 370



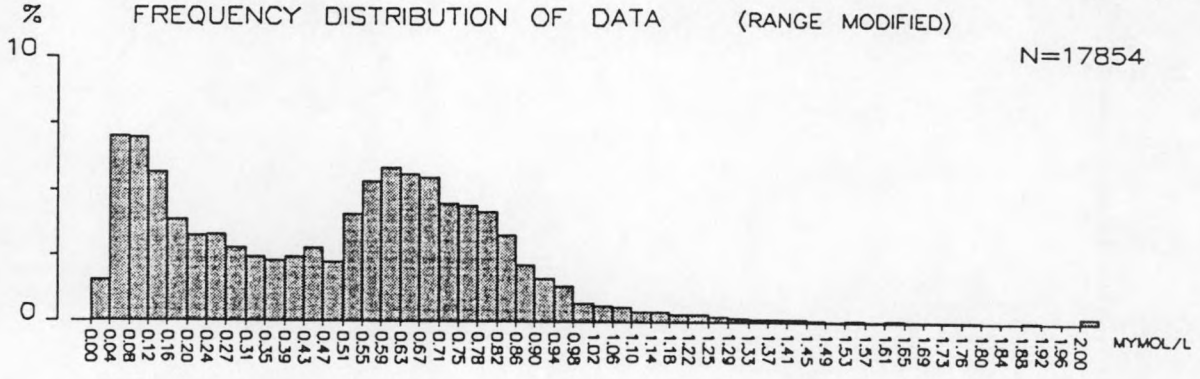
NO. OF DATA/AREA :
(without longterm data series !)

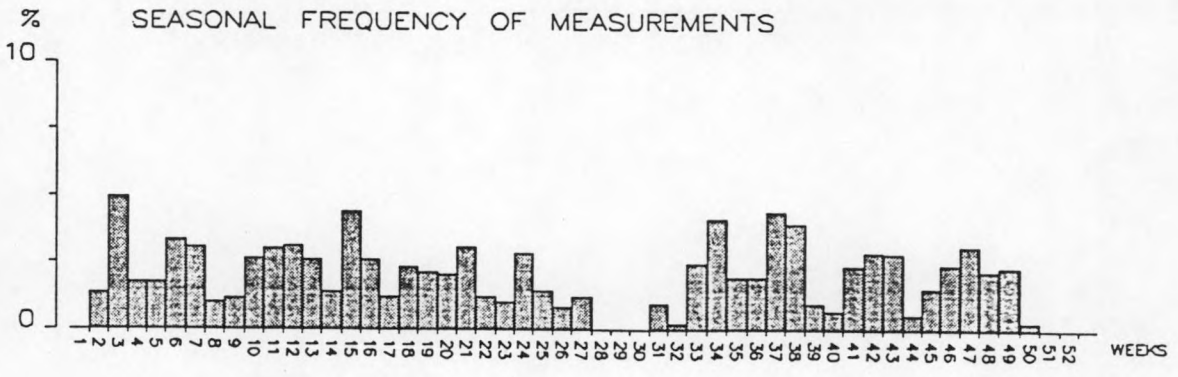
< 3506	< 1502
< 3005	< 1001
< 2504	< 500
< 2003	= 0

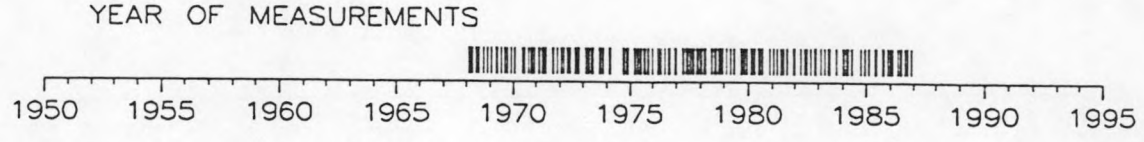
MINIMUM : 0.02
MAXIMUM : 7.75

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





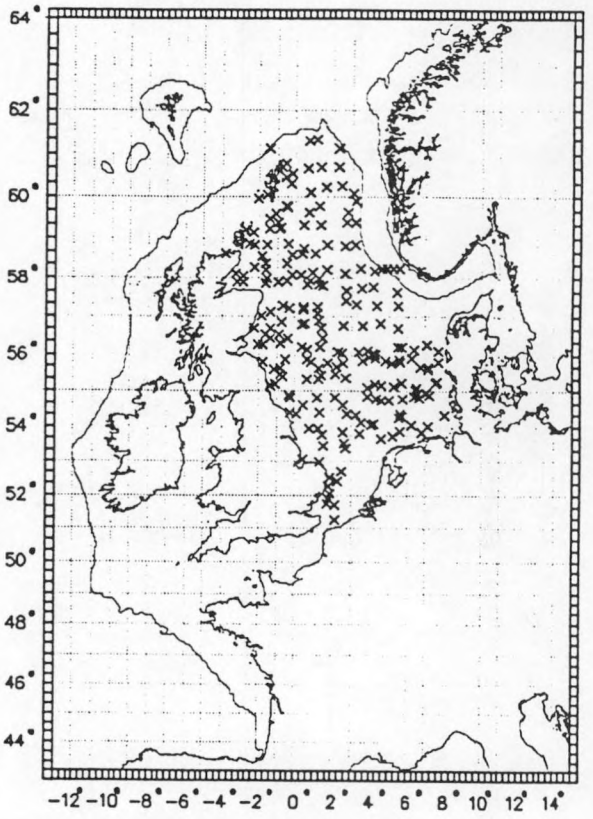


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

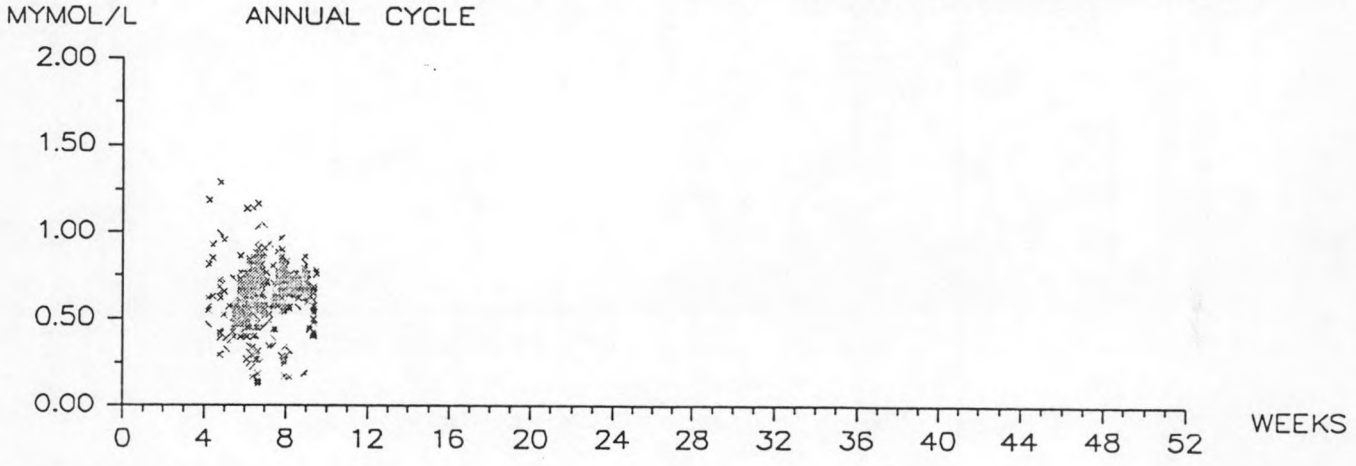
PHOSPHATE–P (PO4)

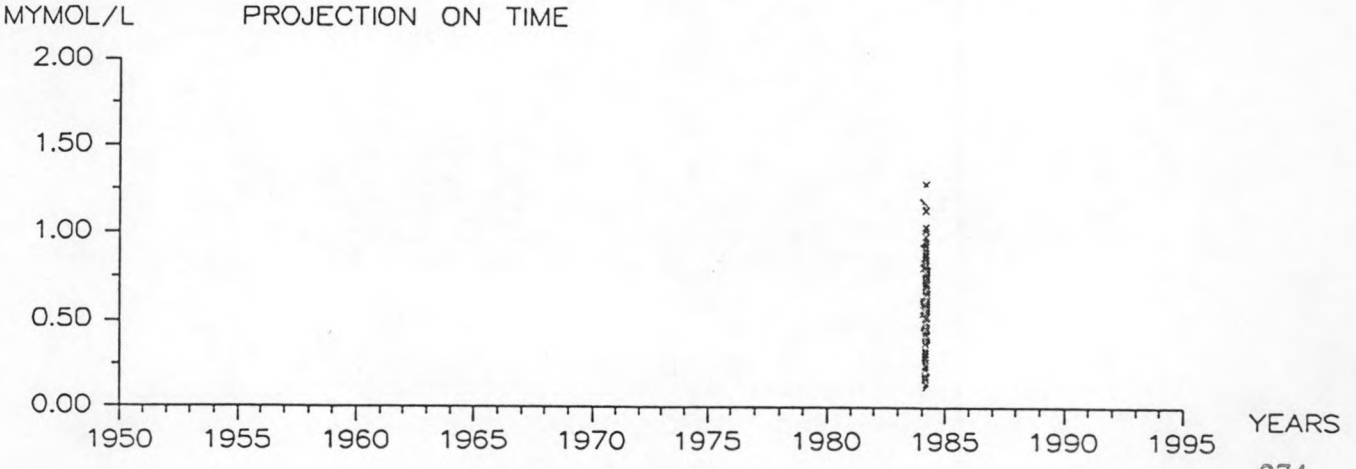
PCODE : 5001030096
ENAME : ICES/YFS
UNITS : MYMOL/L
NO. OF POSITIONS : 220
NO. OF DATA : 726
MINIMUM : 0.12
MAXIMUM : 1.28



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





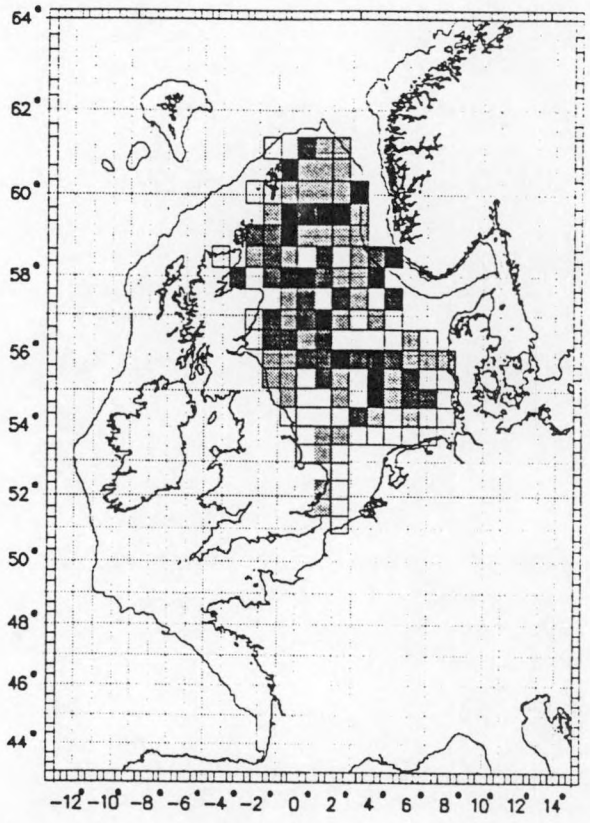
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096
ENAME : ICES/YFS
UNITS : MYMOL/L
NO. OF DATA : 726
NO. OF POSITIONS : 220



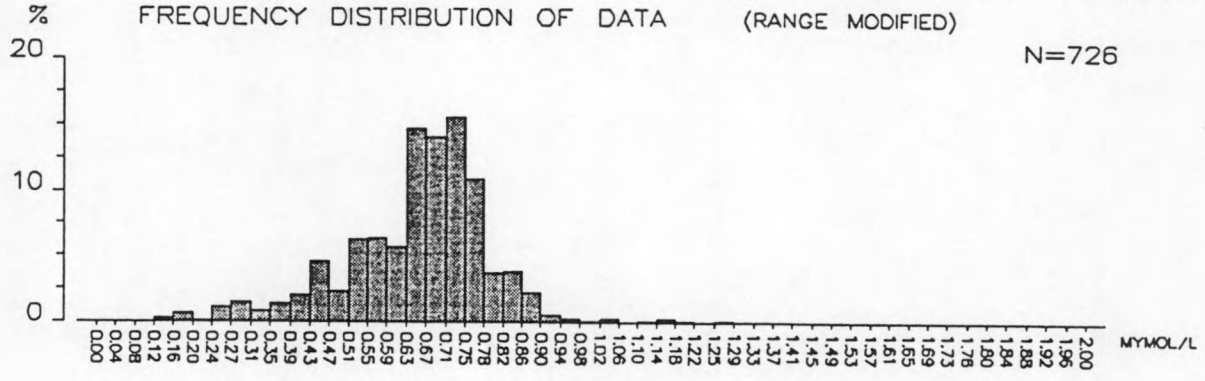
NO. OF DATA/AREA :
(without longterm data series !)

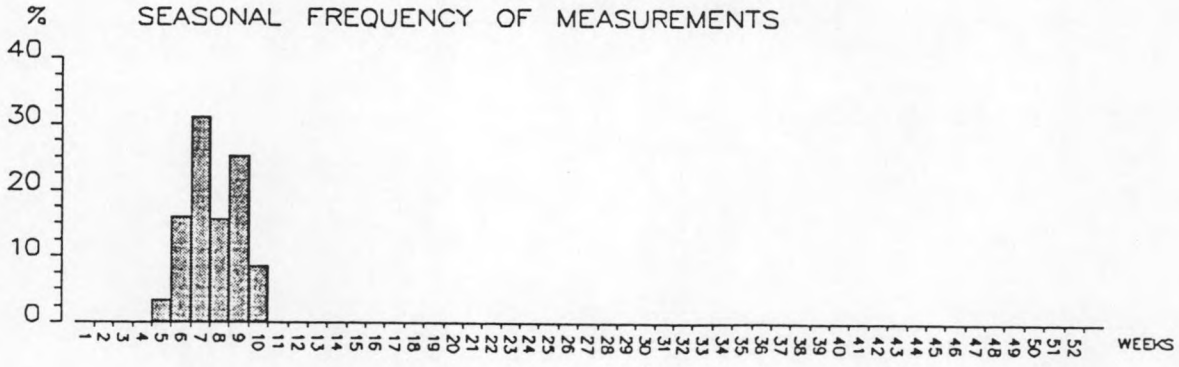
< 24	< 10
< 20	< 6
< 17	< 3
< 13	= 0

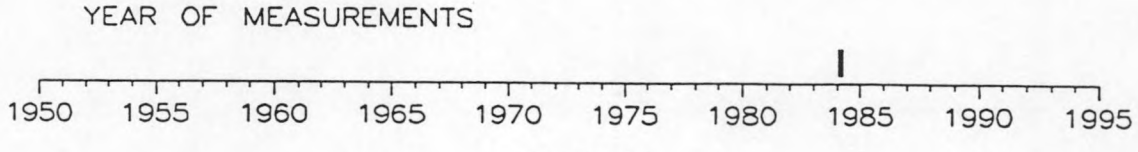
MINIMUM : 0.12
MAXIMUM : 1.28

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001

ENAME : IFMKI

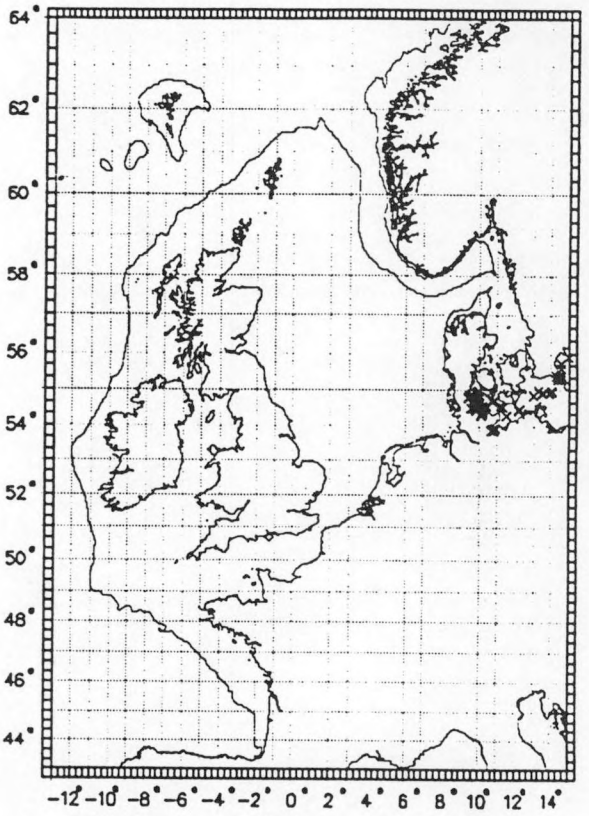
UNITS : MYMOL/L

NO. OF POSITIONS : 86

NO. OF DATA : 2694

MINIMUM : 0.00

MAXIMUM : 19.92



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

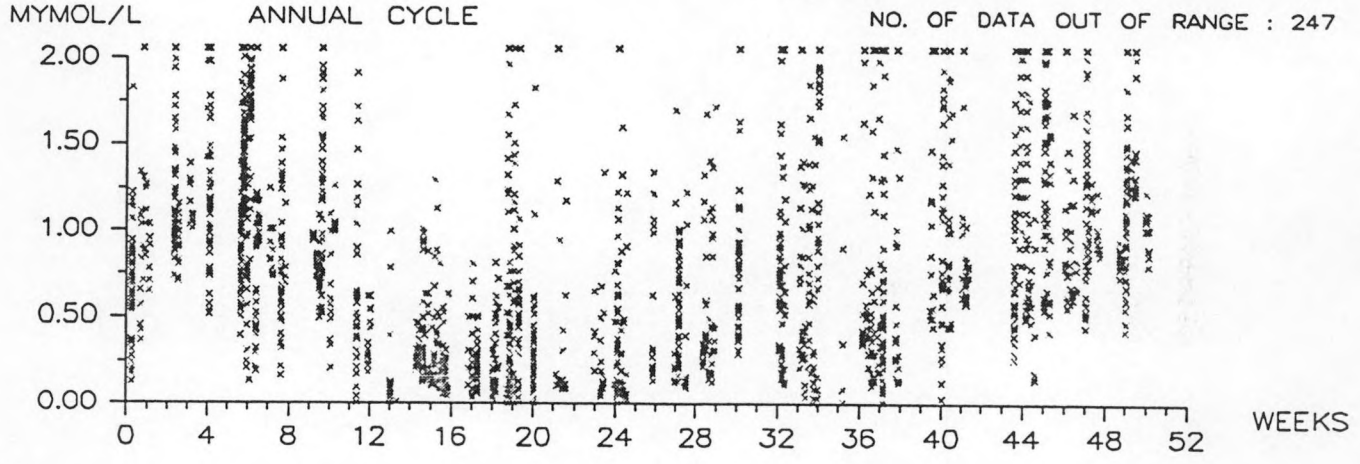
FIRST WEEK : 1

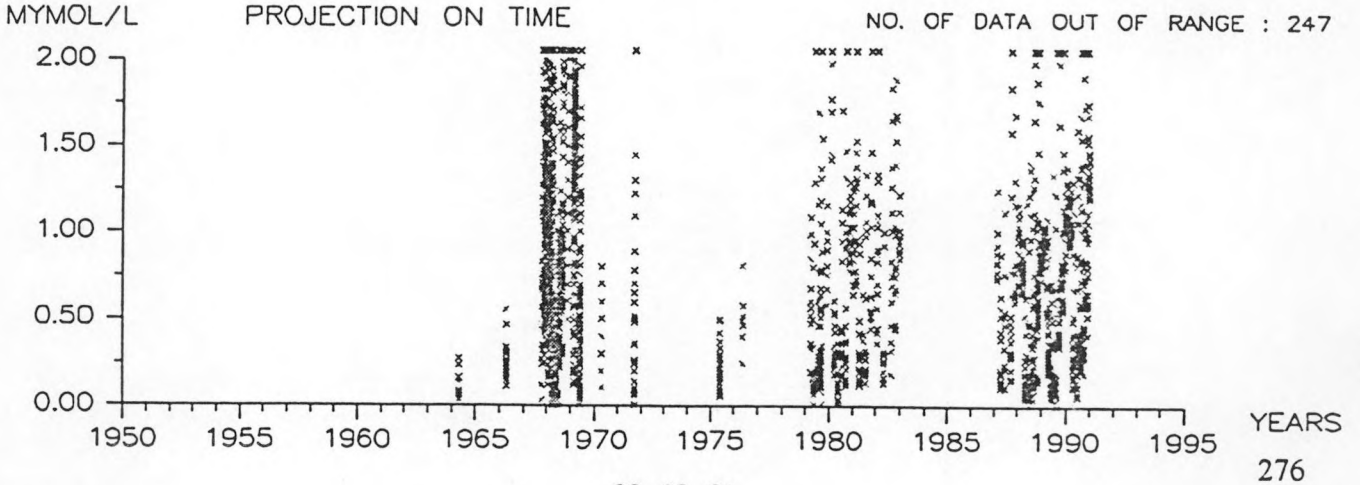
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





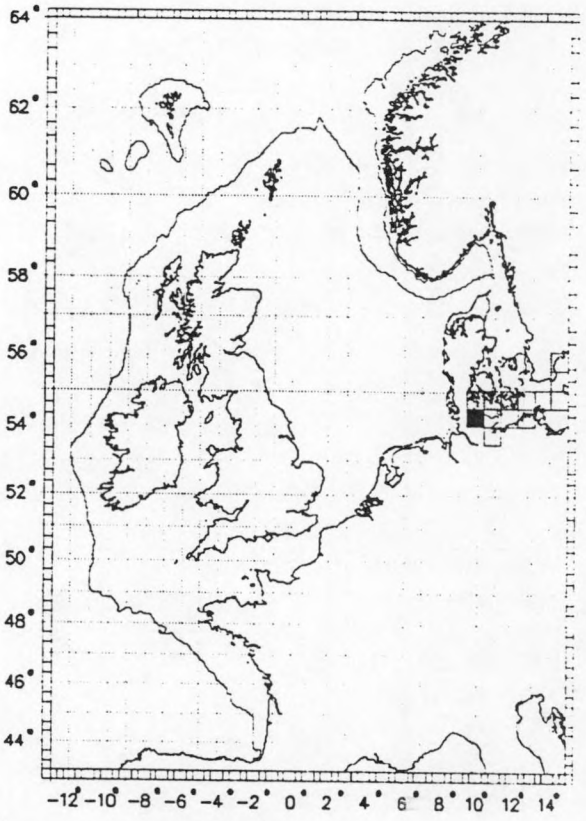
96–05–21

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : IFMKI
UNITS : MYMOL/L
NO. OF DATA : 2694
NO. OF POSITIONS : 86



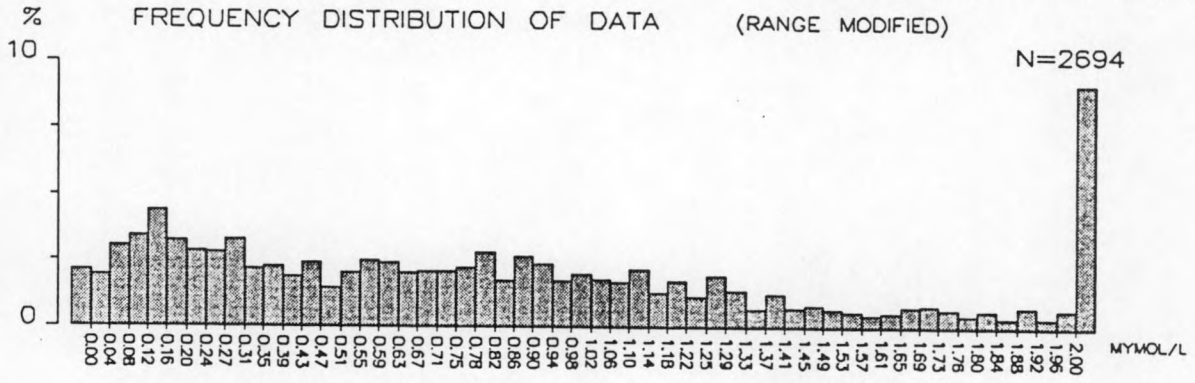
NO. OF DATA/AREA :
(without longterm data series !)

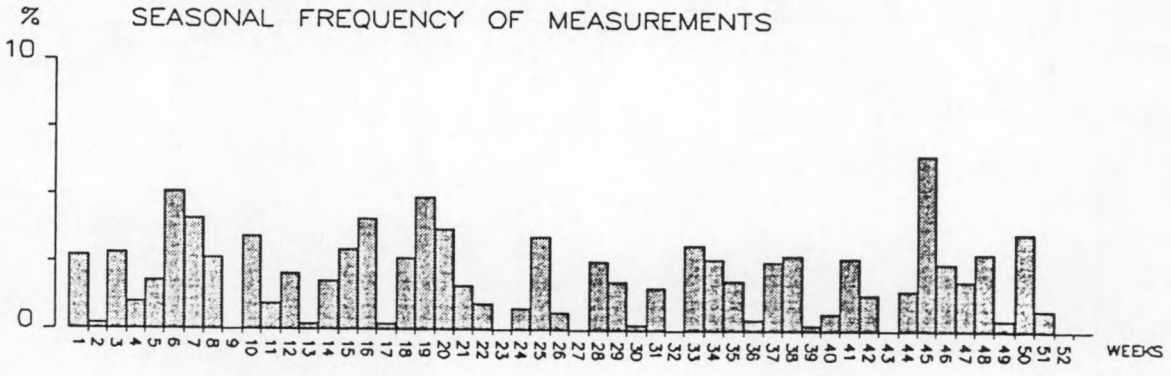
< 1389	< 595
< 1190	< 396
< 992	< 198
< 793	= 0

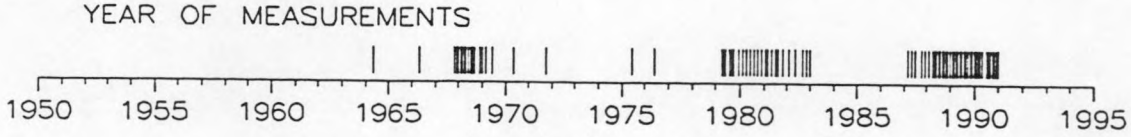
MINIMUM : 0.00
MAXIMUM : 19.92

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001036701

ENAME : IMR/Danielssen, D. S.

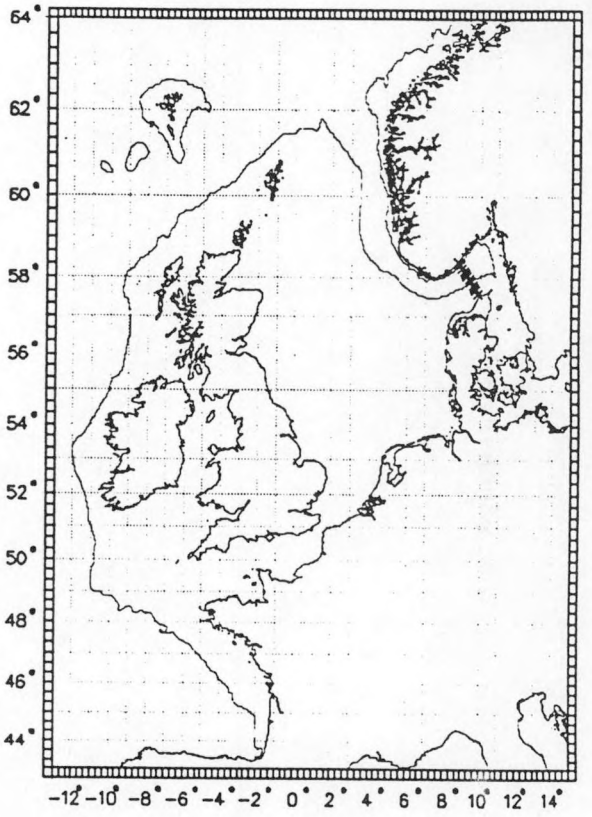
UNITS : MYMOL/L

NO. OF POSITIONS : 13

NO. OF DATA : 12612

MINIMUM : 0.01

MAXIMUM : 1.62



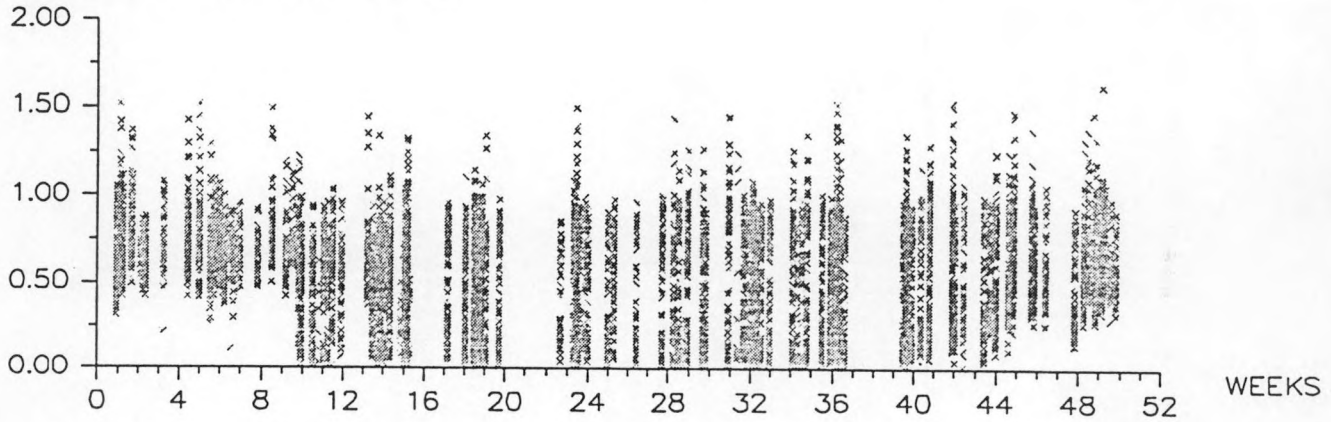
MODIFICATIONS

TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

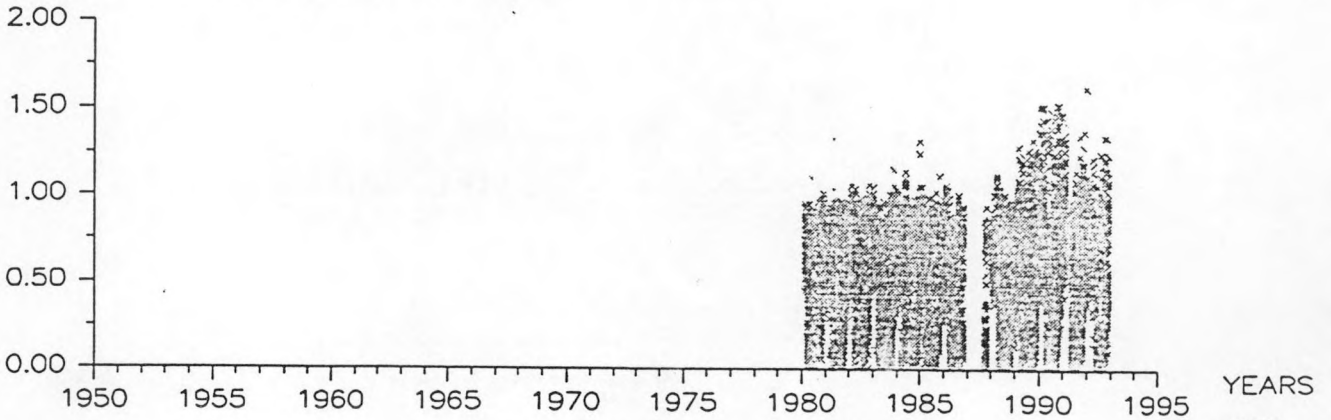
DEPTH–RANGE

UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



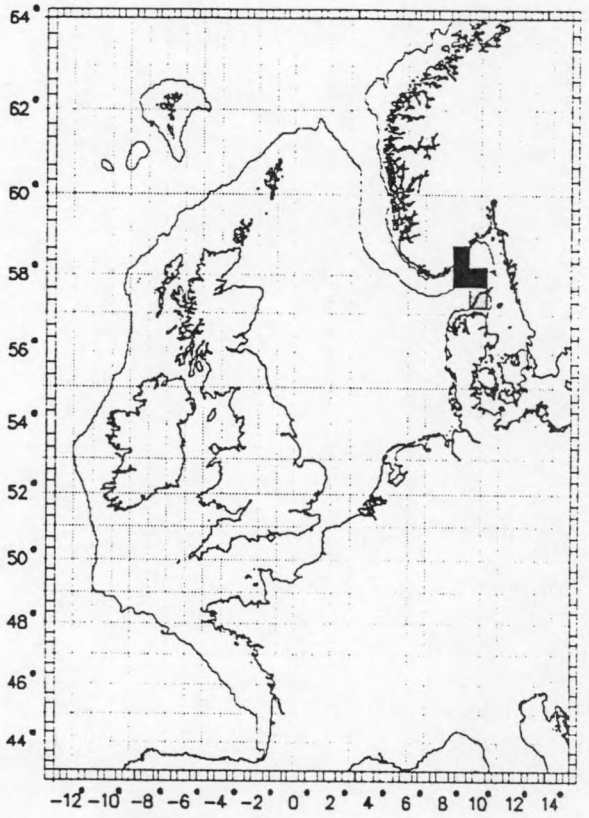
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001036701
ENAME : IMR/Danielssen, D. S.
UNITS : MYMOL/L
NO. OF DATA : 12612
NO. OF POSITIONS : 13



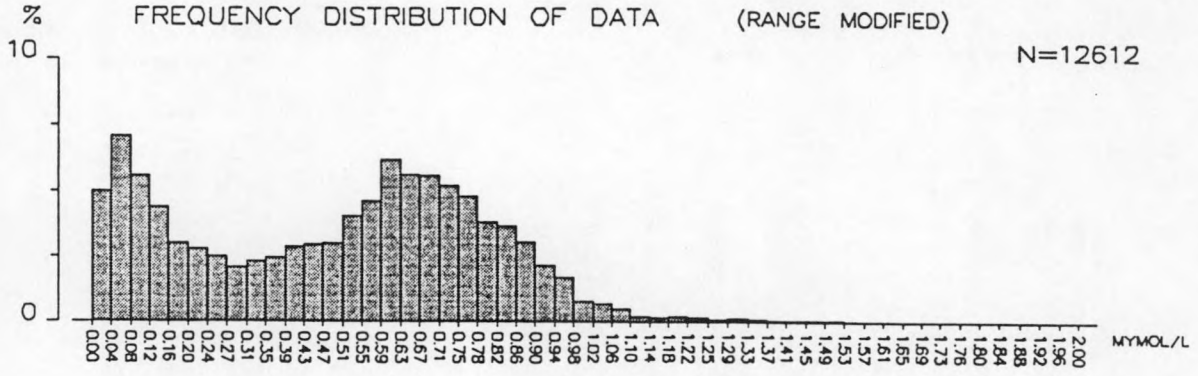
NO. OF DATA/AREA :
(without longterm data series !)

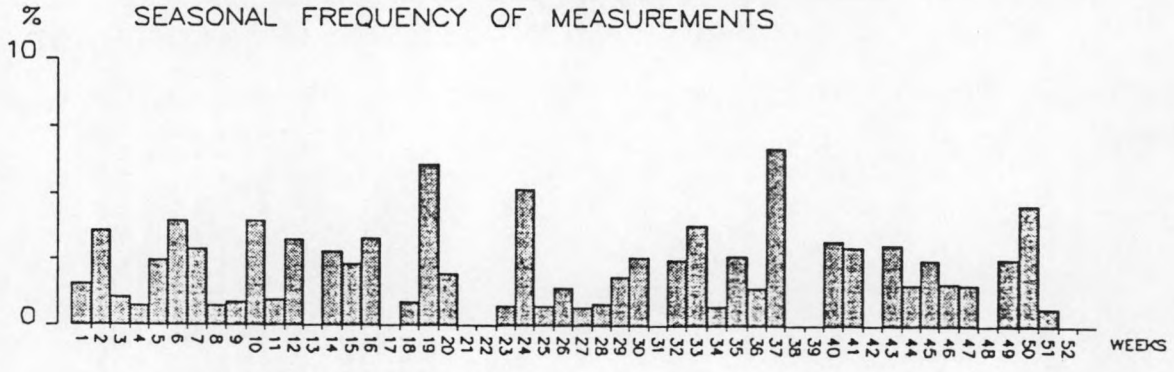
<	4557	<	1953
<	3906	<	1302
<	3255	<	651
<	2604	=	0

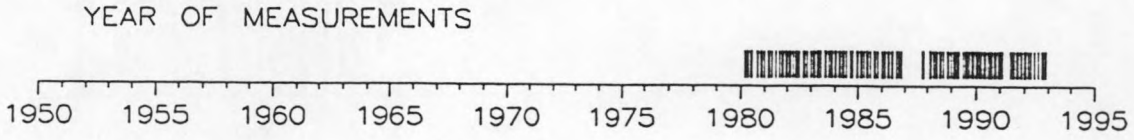
MINIMUM : 0.01
MAXIMUM : 1.62

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







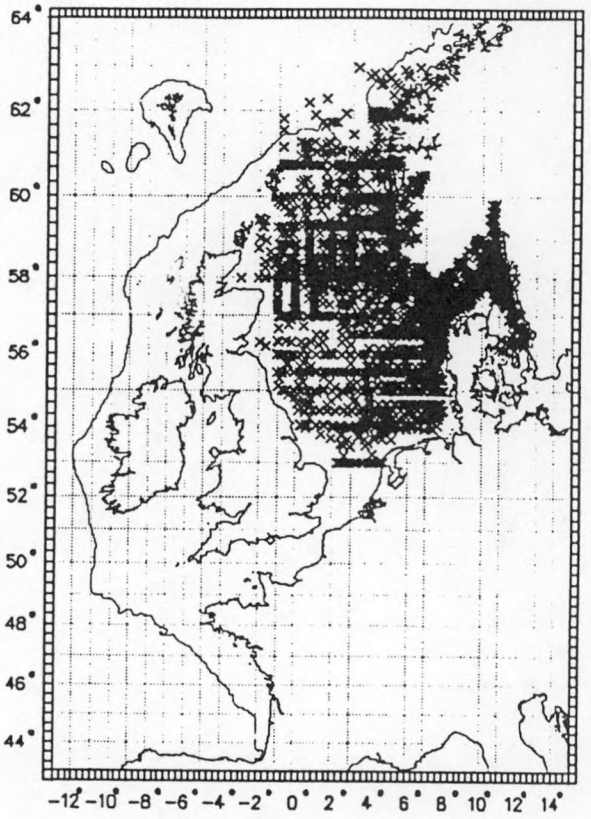
96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

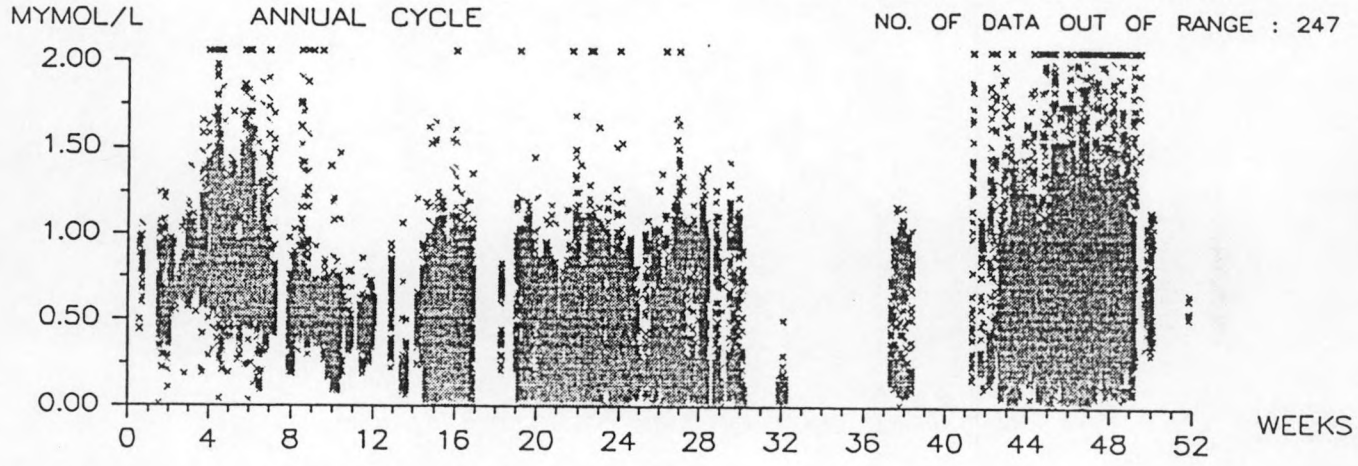
PHOSPHATE–P (PO4)

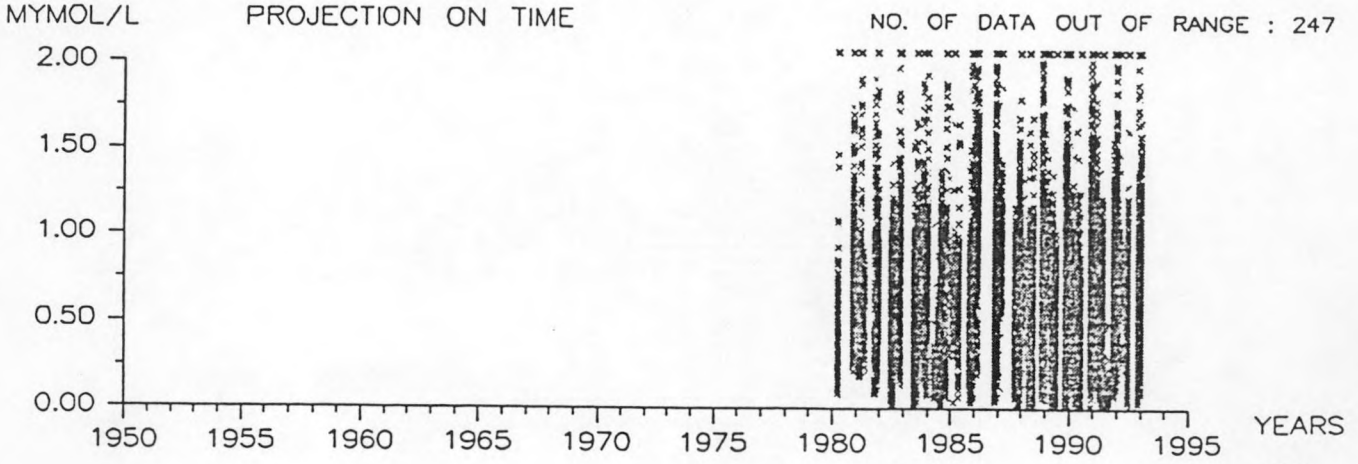
PCODE : 5001016701
ENAME : IMR/Hageboe M., Foyn,
UNITS : MYMOL/L
NO. OF POSITIONS : 5061
NO. OF DATA : 54957
MINIMUM : 0.01
MAXIMUM : 12.40



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



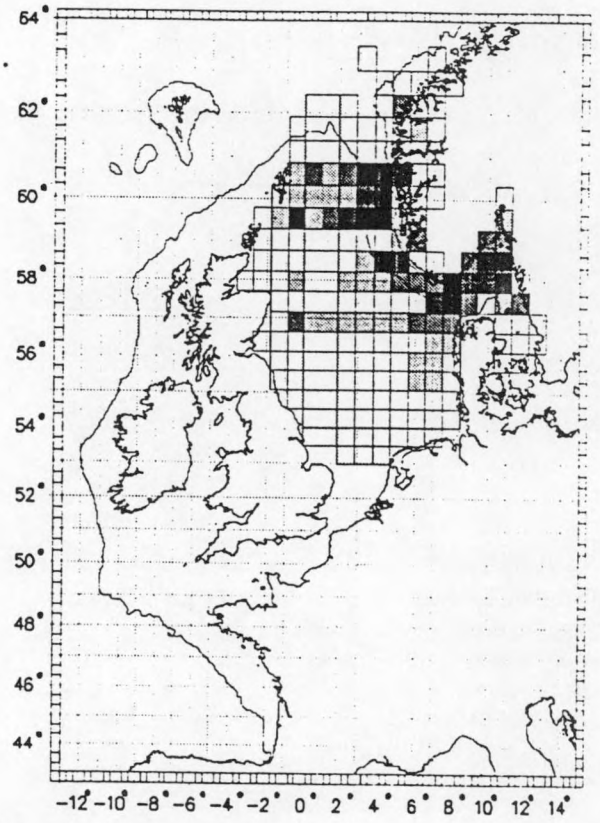


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001016701
ENAME : IMR/Hageboe M., Foyn, .
UNITS : MYMOL/L
NO. OF DATA : 54957
NO. OF POSITIONS : 5061



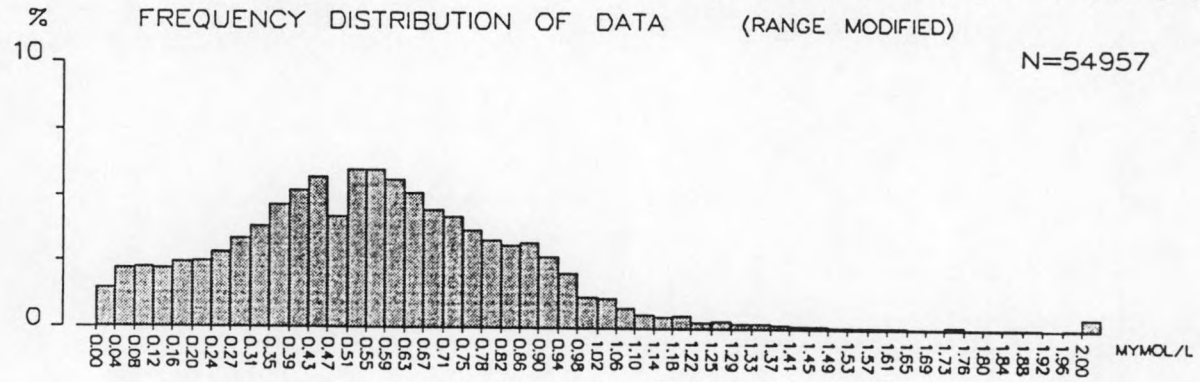
NO. OF DATA/AREA :
(without longterm data series !)

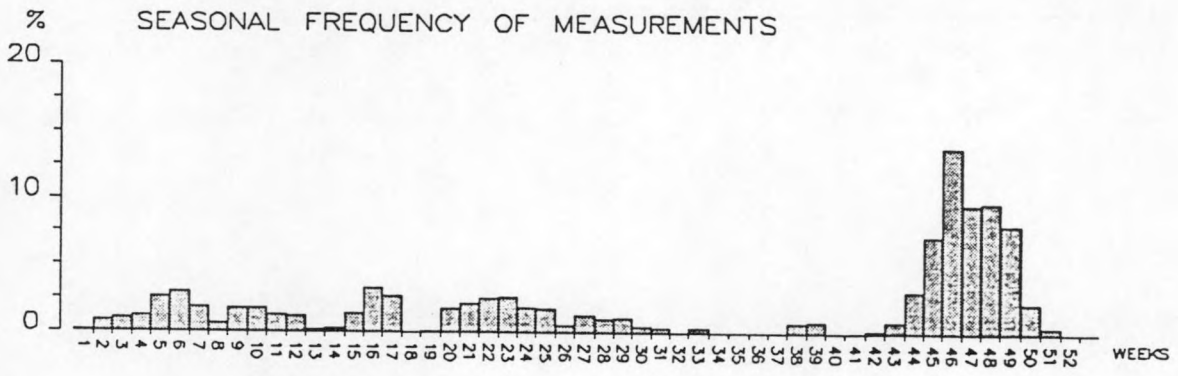
<	1766	<	756
<	1513	<	504
<	1261	<	252
<	1009	=	0

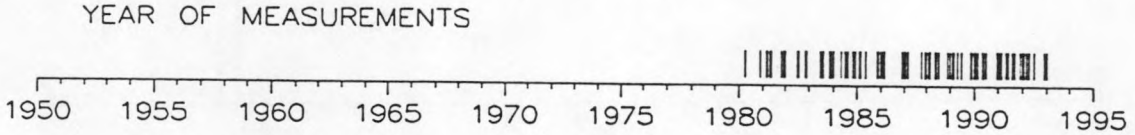
MINIMUM : 0.01
MAXIMUM : 12.40

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001

ENAME : IOCB/Brockmann, U., Un.

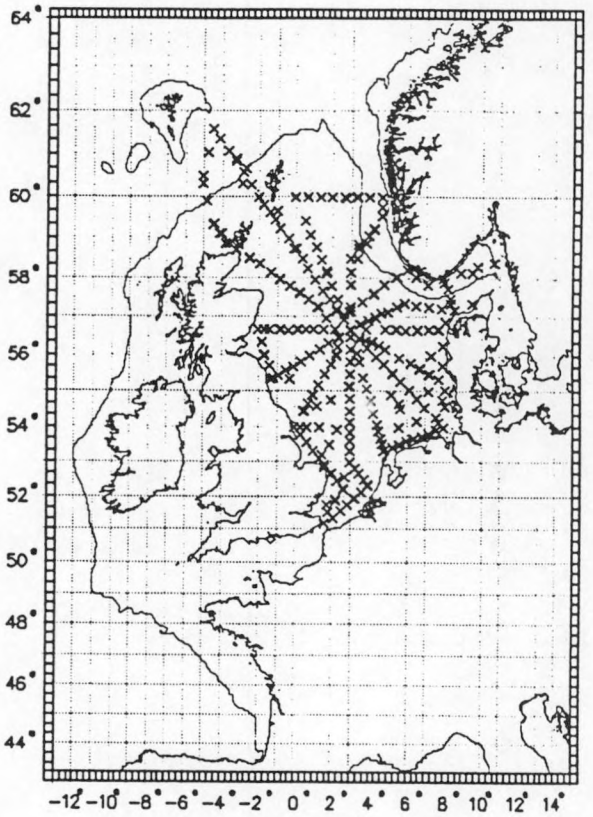
UNITS : MYMOL/L

NO. OF POSITIONS : 345

NO. OF DATA : 2482

MINIMUM : 0.00

MAXIMUM : 2.27



NO. OF DATA OUT OF RANGE : 5

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

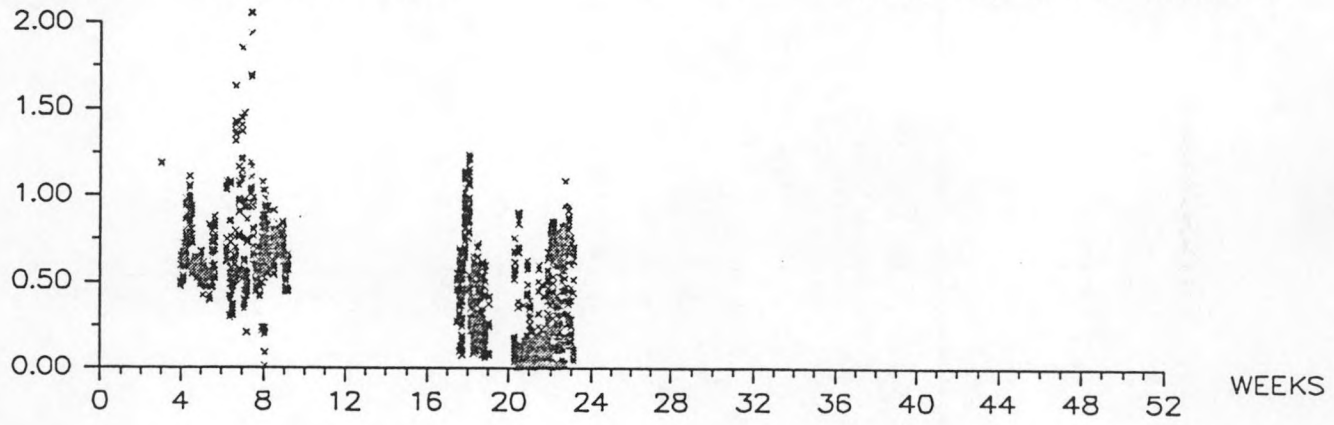
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

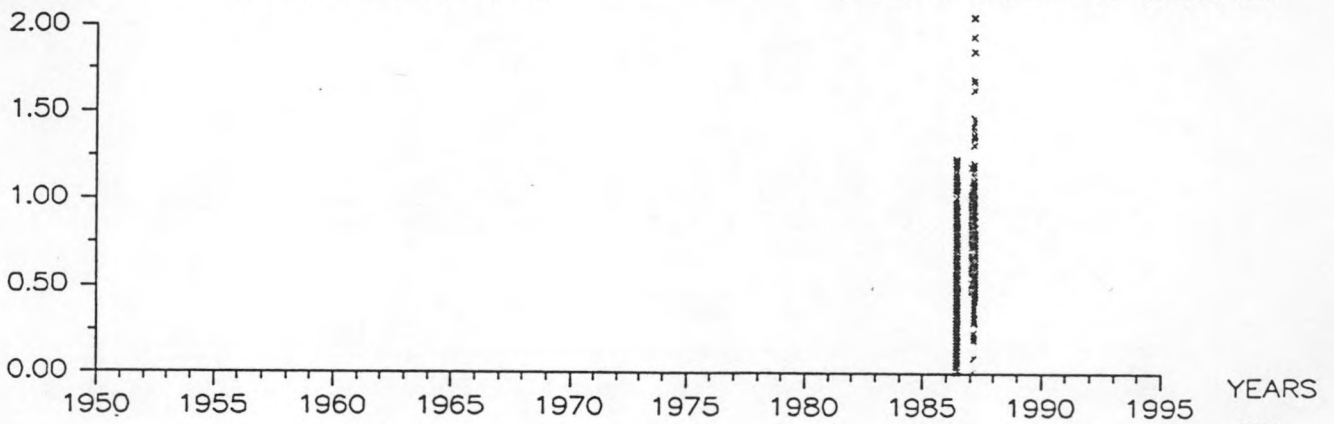
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 5



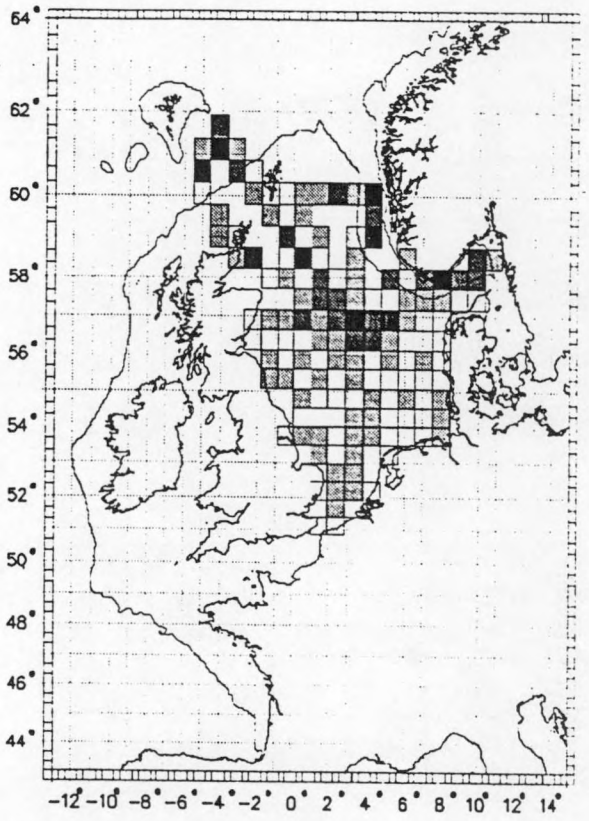
96–05–21

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : IOCB/Brockmann, U., Un.
UNITS : MYMOL/L
NO. OF DATA : 2482
NO. OF POSITIONS : 345



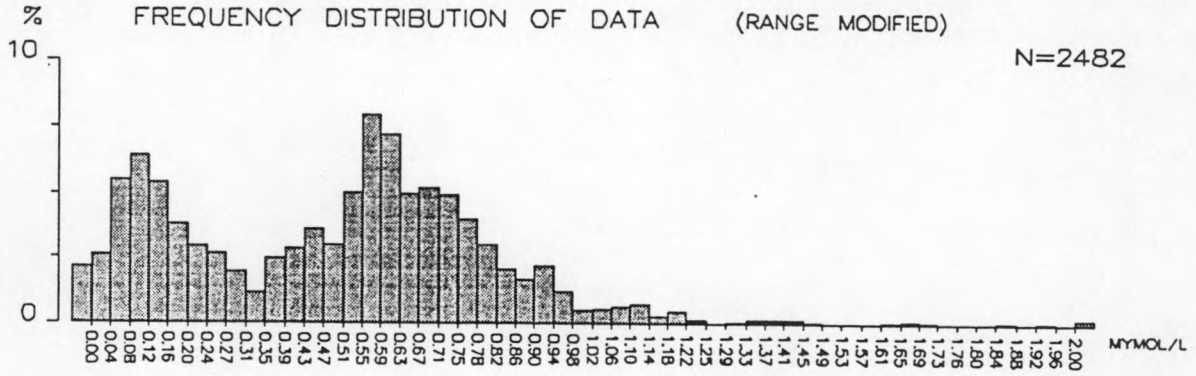
NO. OF DATA/AREA :
(without longterm data series !)

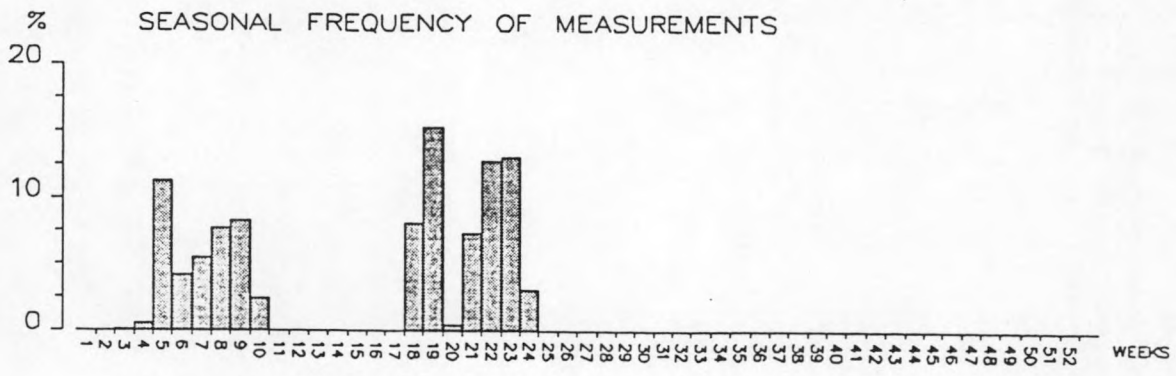
<	84	<	36
<	72	<	24
<	60	<	12
<	48	=	0

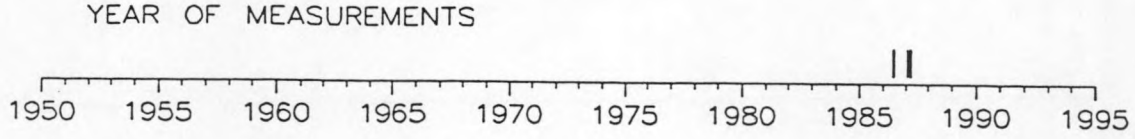
MINIMUM : 0.00
MAXIMUM : 2.27

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096

ENAME : IOCB/Eberlein,K., Univ.

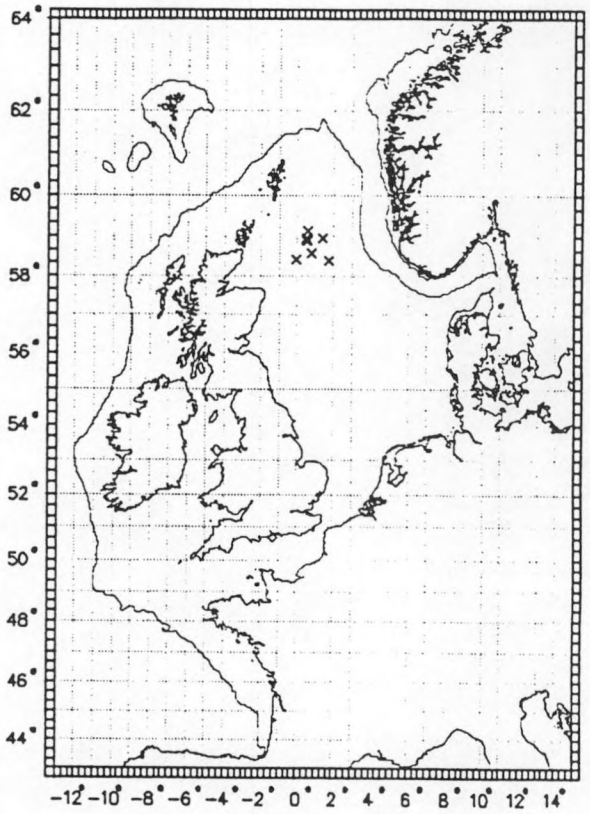
UNITS : MYMOL/L

NO. OF POSITIONS : 63

NO. OF DATA : 972

MINIMUM : 0.01

MAXIMUM : 1.80



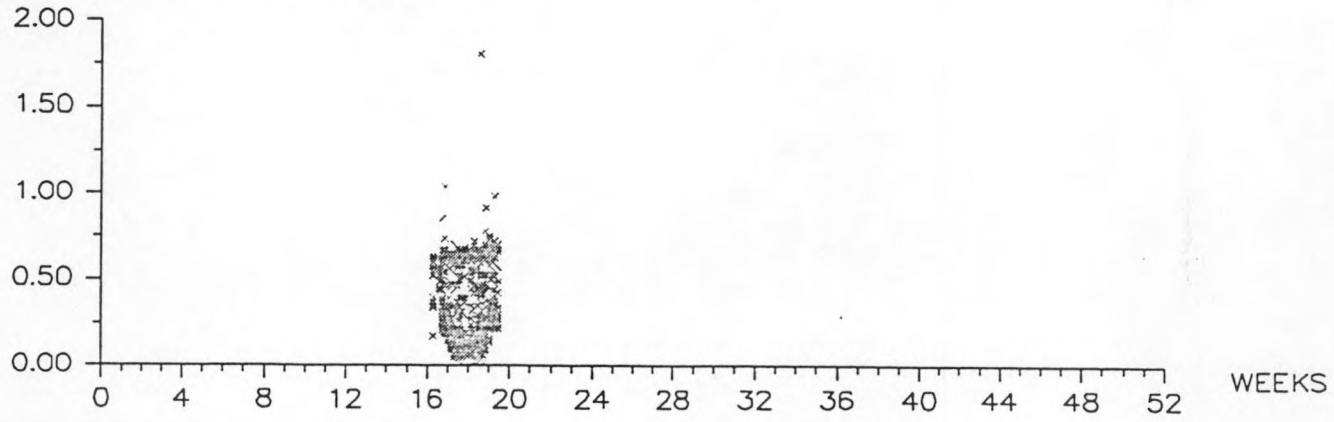
MODIFICATIONS

TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

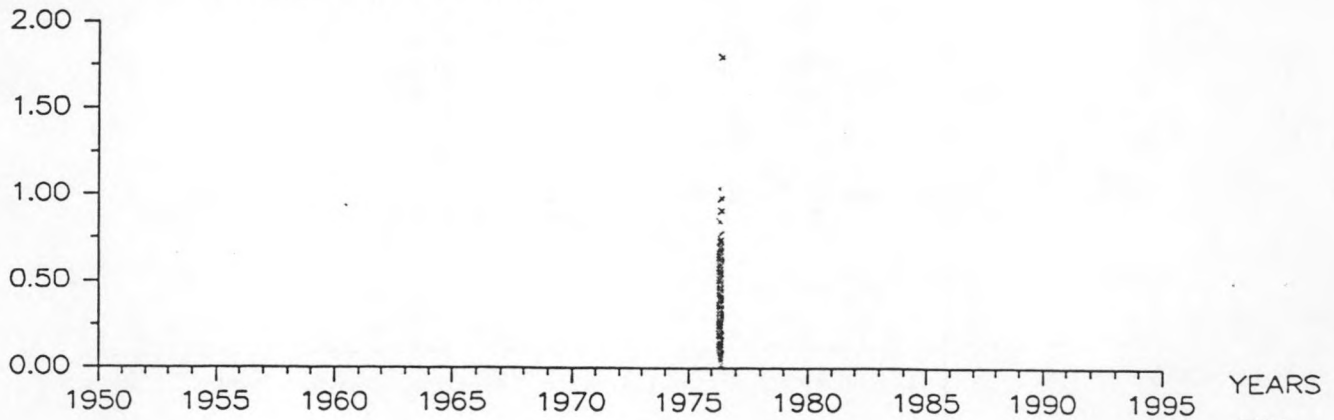
DEPTH–RANGE

UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

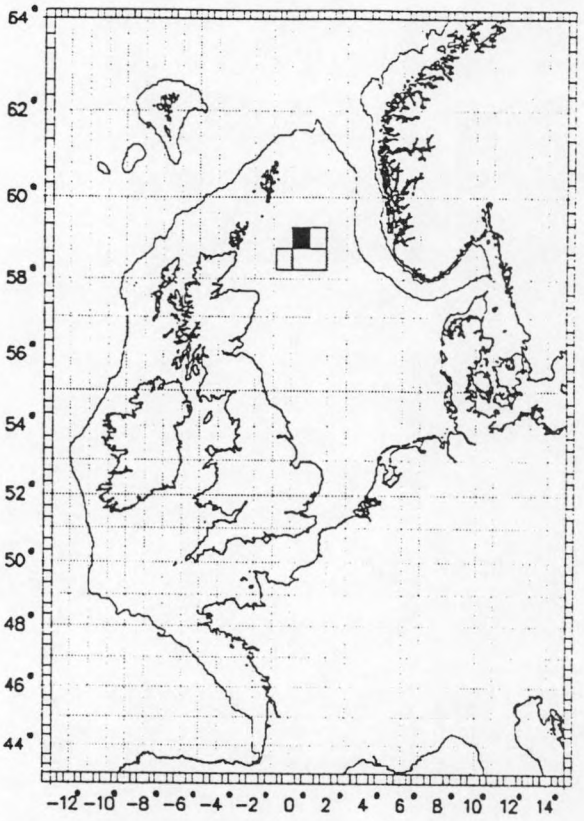


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (P04)

PCODE : 5001030096
ENAME : IOCB/Eberlein,K., Univ.
UNITS : MYMOL/L
NO. OF DATA : 972
NO. OF POSITIONS : 63



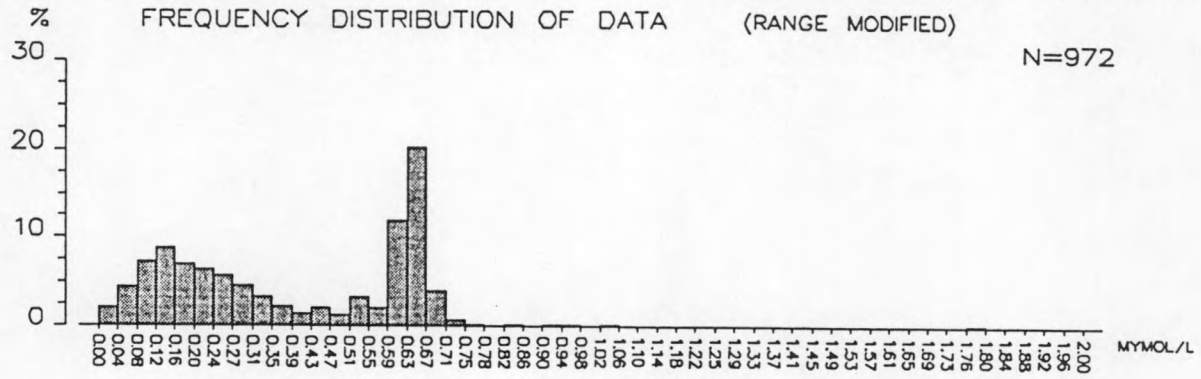
NO. OF DATA/AREA :
(without longterm data series !)

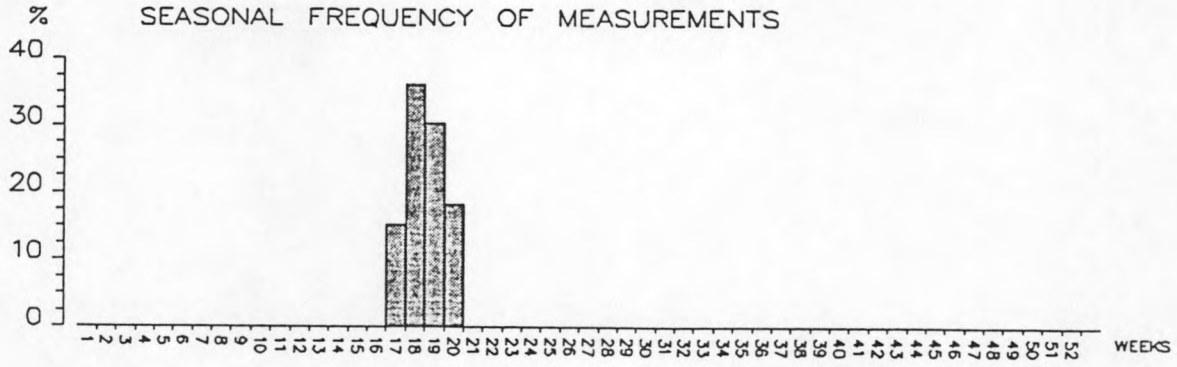
<	918	<	393
<	786	<	262
<	655	<	131
<	524	=	0

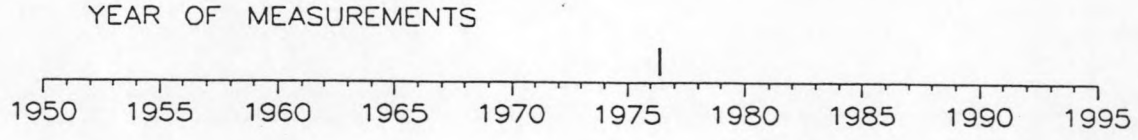
MINIMUM : 0.01
MAXIMUM : 1.80

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096

ENAME : IOCB/Hammer,K. Eberlei.

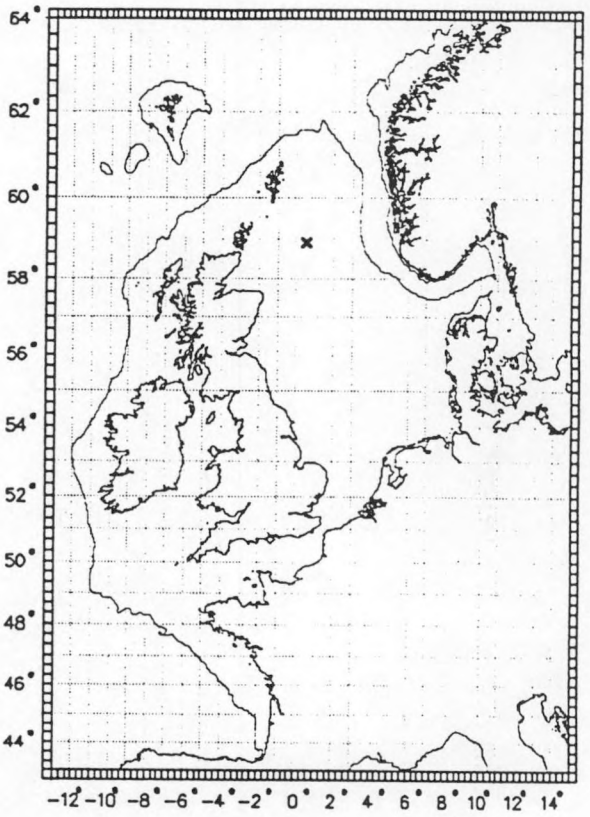
UNITS : MYMOL/L

NO. OF POSITIONS : 49

NO. OF DATA : 770

MINIMUM : 0.02

MAXIMUM : 1.49



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

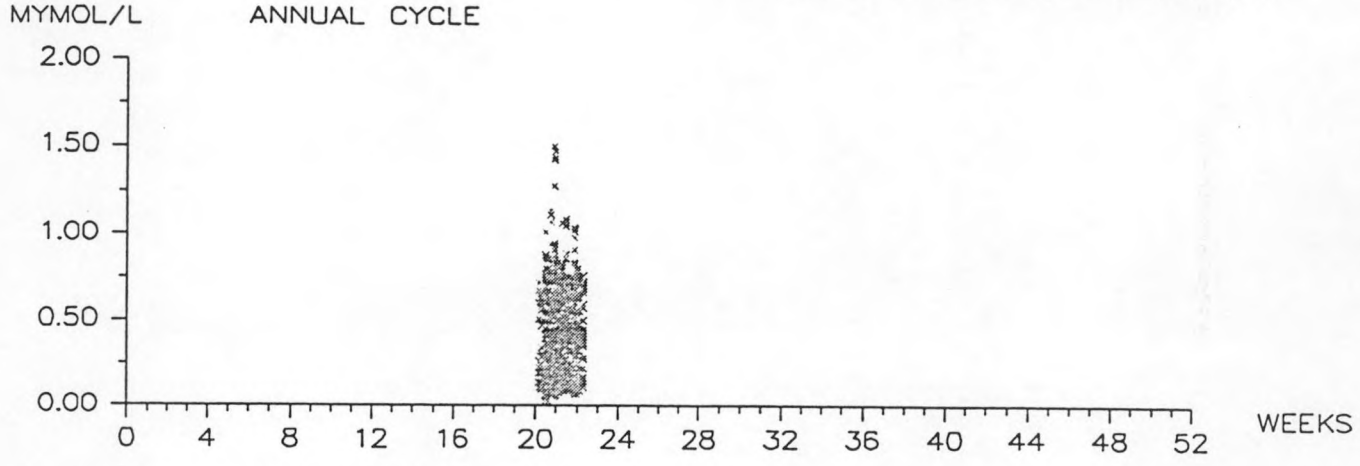
FIRST WEEK : 1

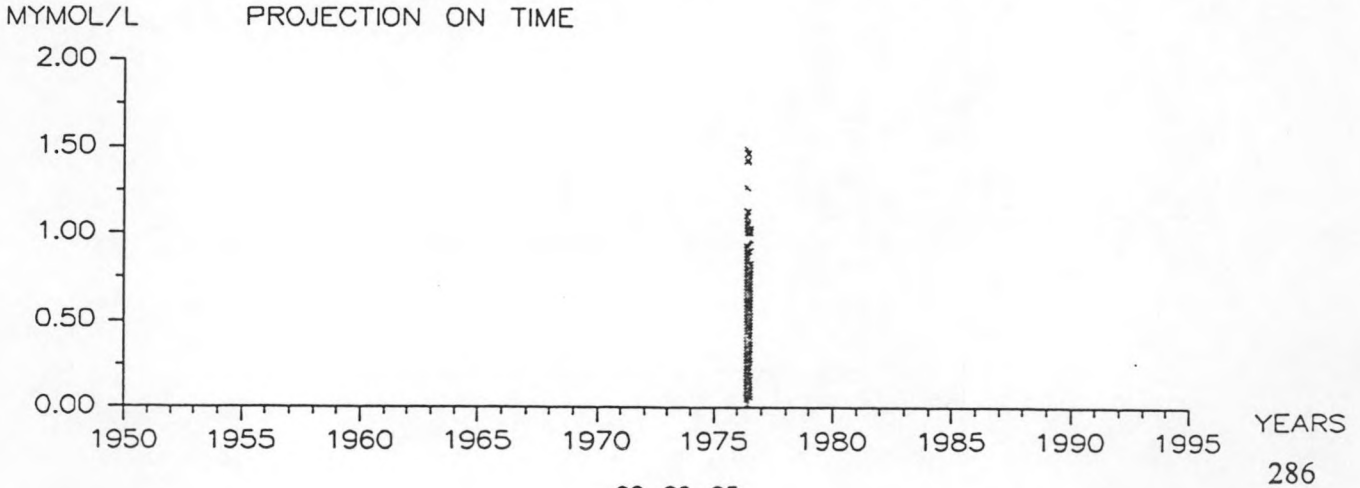
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



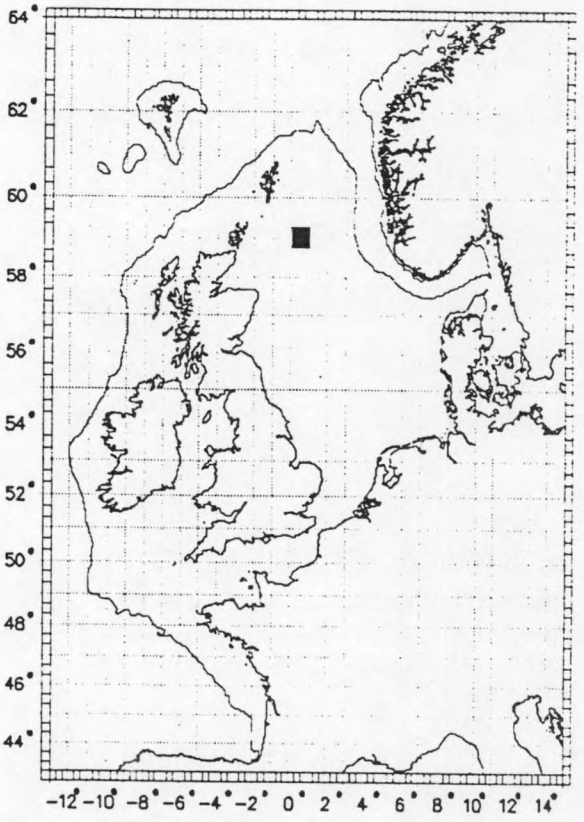


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096
ENAME : IOCB/Hammer,K. Eberlei.
UNITS : MYMOL/L
NO. OF DATA : 770
NO. OF POSITIONS : 49



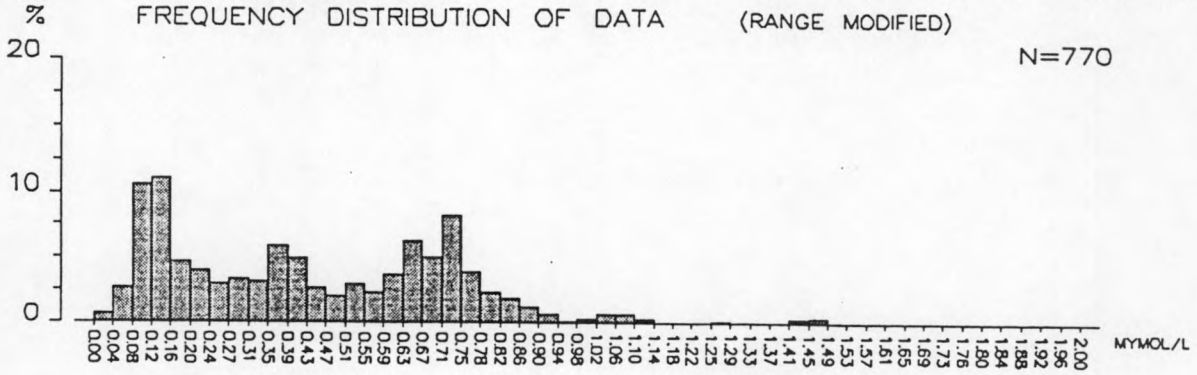
NO. OF DATA/AREA :
(without longterm data series !)

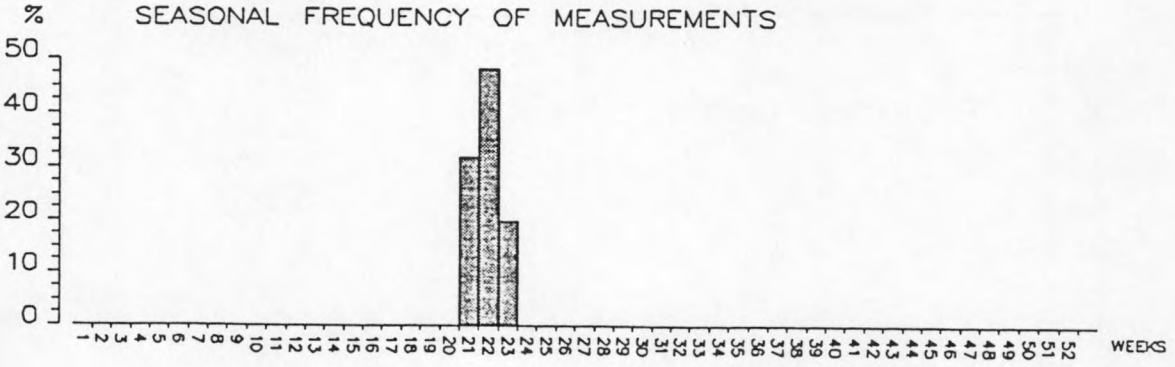
< 770	< 330
< 660	< 220
< 550	< 110
< 440	= 0

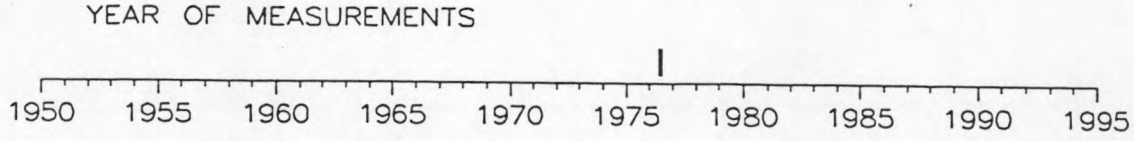
MINIMUM : 0.02
MAXIMUM : 1.49

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096

ENAME : IOCB/Hammer,K. Kattner.

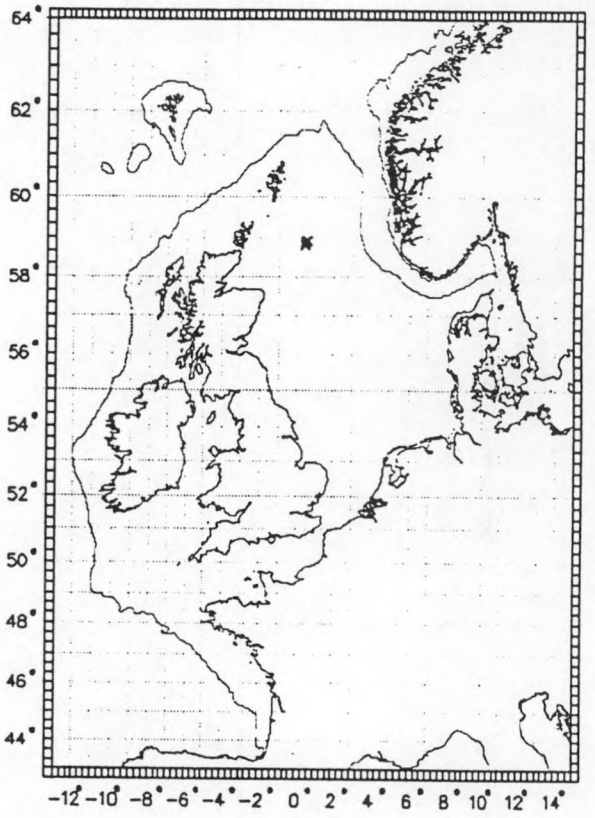
UNITS : MYMOL/L

NO. OF POSITIONS : 57

NO. OF DATA : 759

MINIMUM : 0.44

MAXIMUM : 0.77



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

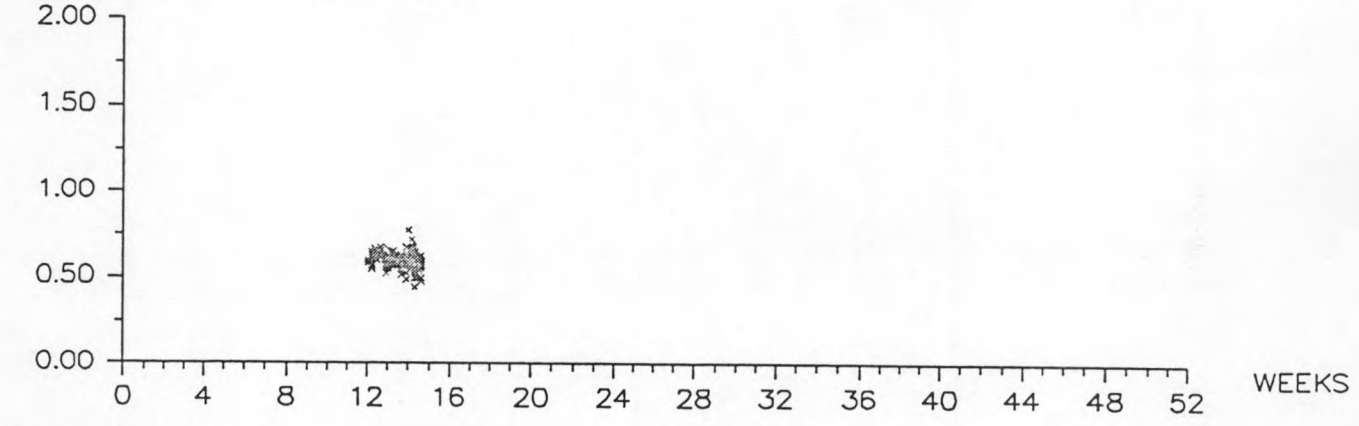
LAST WEEK : 53

DEPTH–RANGE

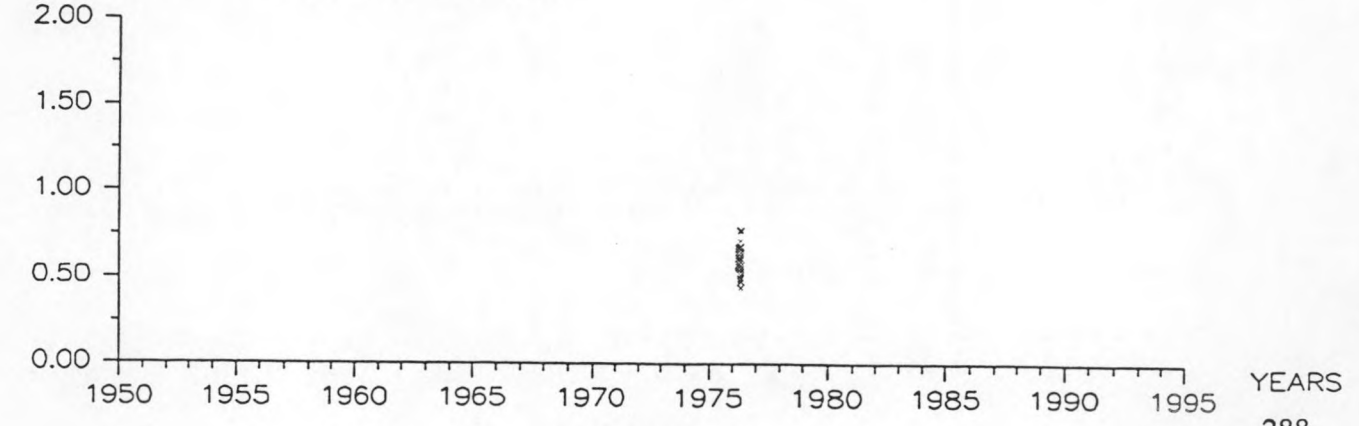
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

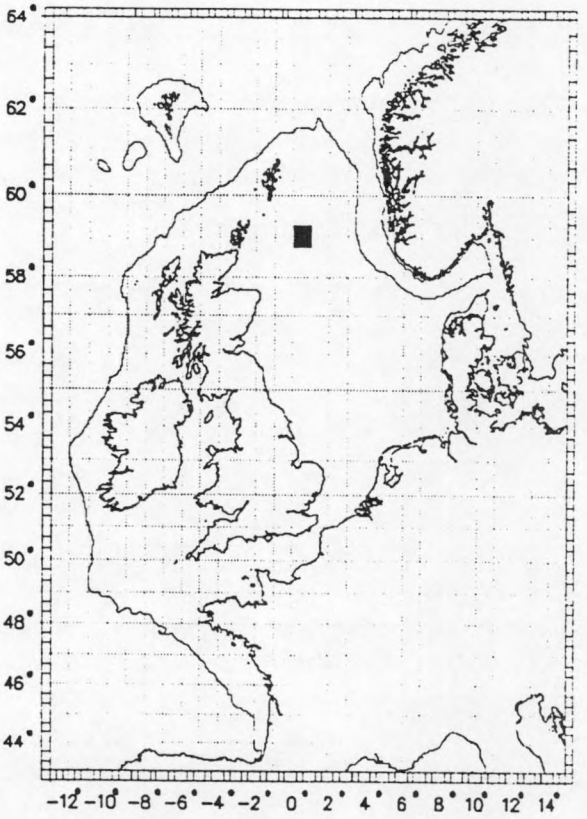


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030096
ENAME : IOCB/Hammer,K. Kattner.
UNITS : MYMOL/L
NO. OF DATA : 759
NO. OF POSITIONS : 57



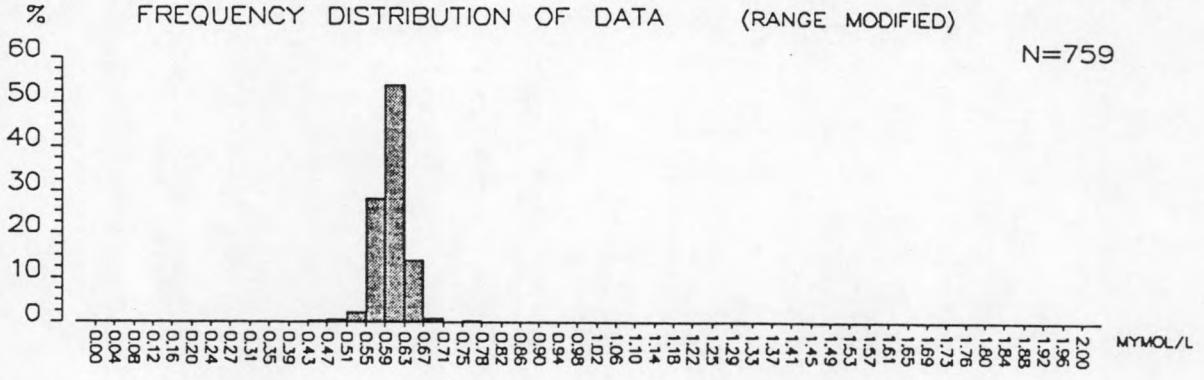
NO. OF DATA/AREA :
(without longterm data series !)

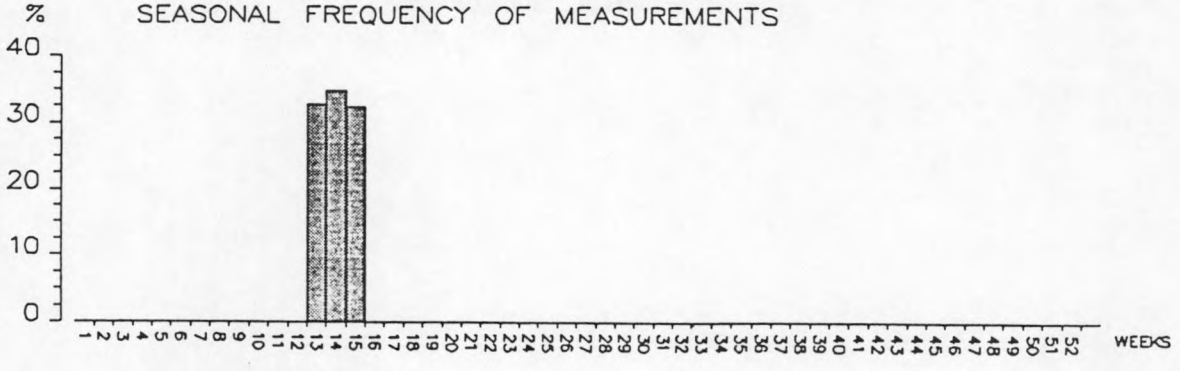
<	759	<	325
<	650	<	216
<	542	<	108
<	433	=	0

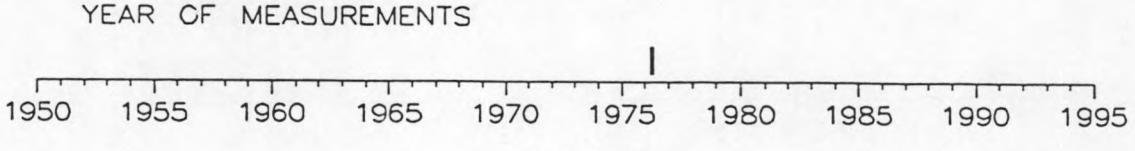
MINIMUM : 0.44
MAXIMUM : 0.77

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001

ENAME : IOW

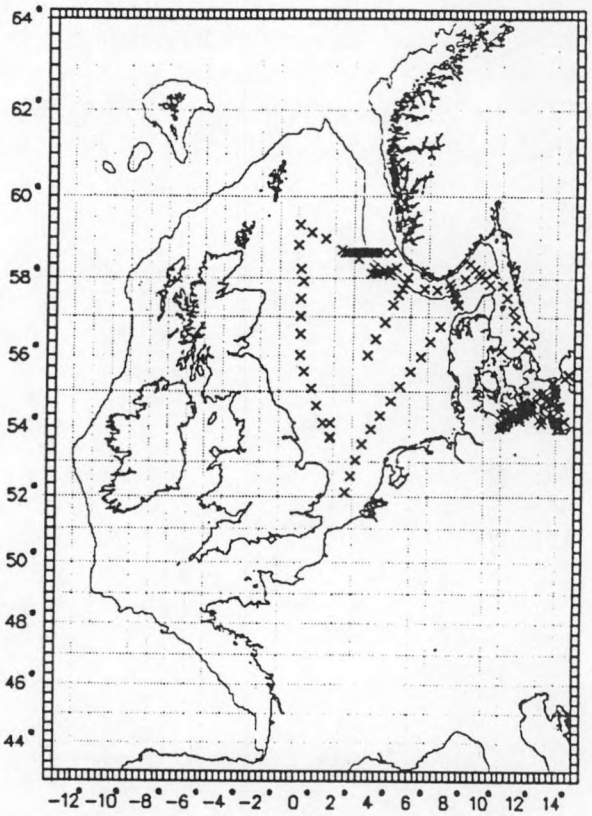
UNITS : MYMOL/L

NO. OF POSITIONS : 271

NO. OF DATA : 10782

MINIMUM : 0.00

MAXIMUM : 10.30



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

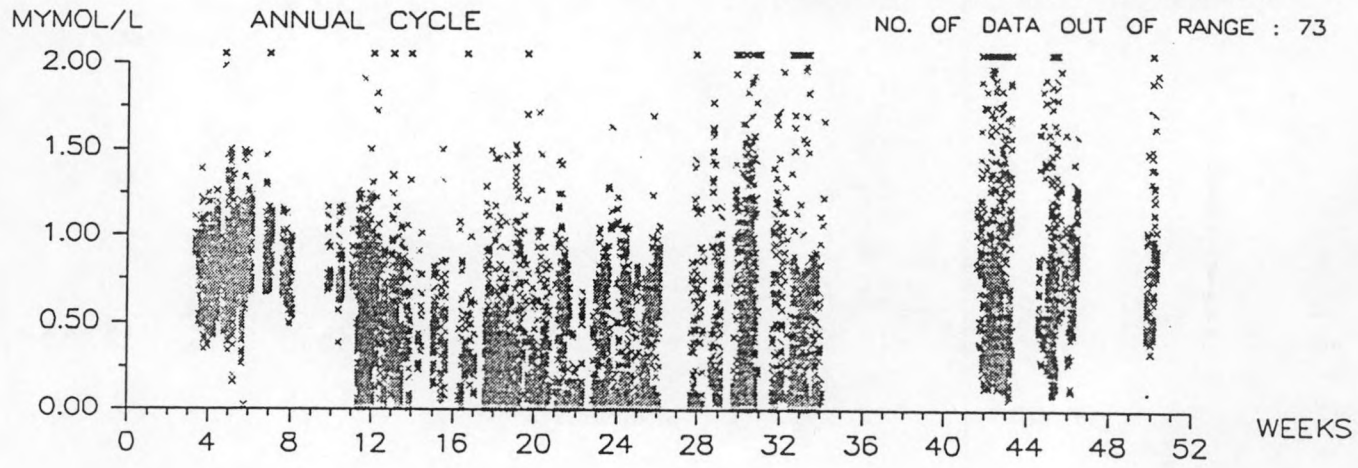
FIRST WEEK : 1

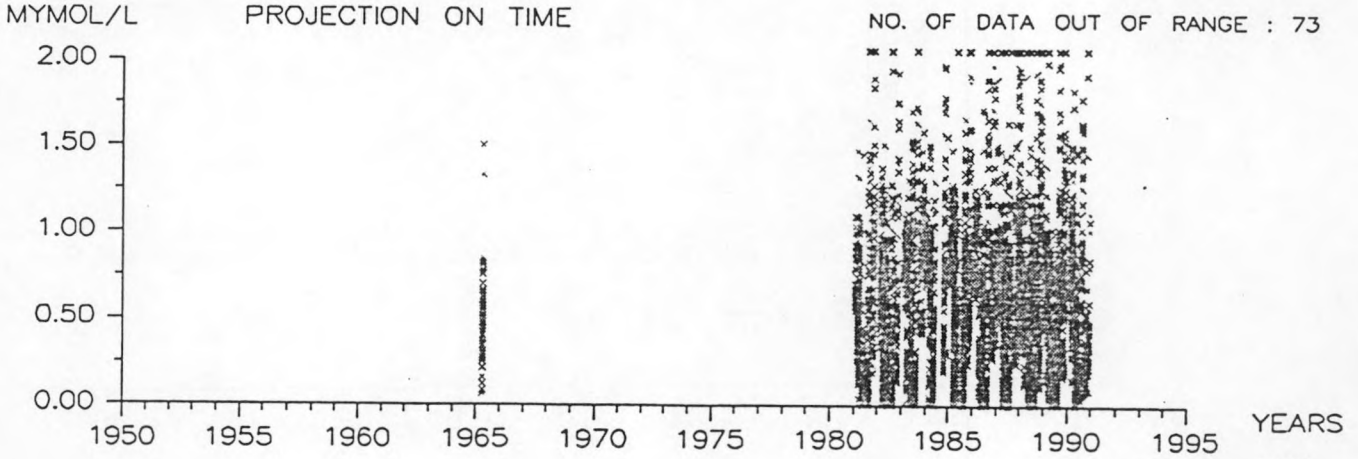
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



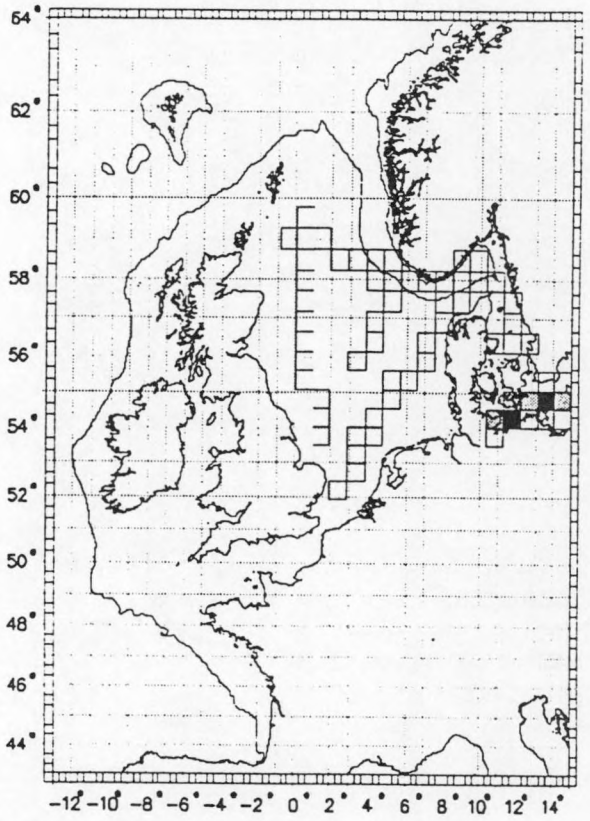


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (P04)

PCODE : 5001020001
ENAME : IOW
UNITS : MYMOL/L
NO. OF DATA : 10782
NO. OF POSITIONS : 271



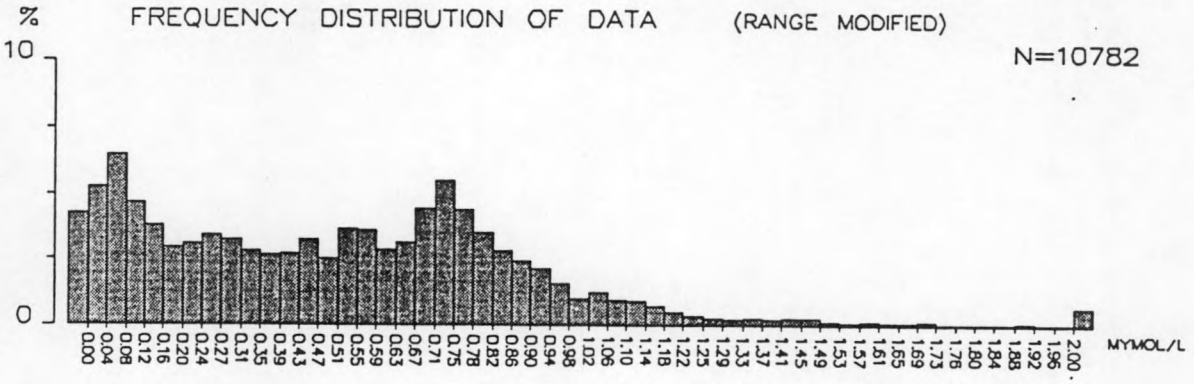
NO. OF DATA/AREA :
(without longterm data series !)

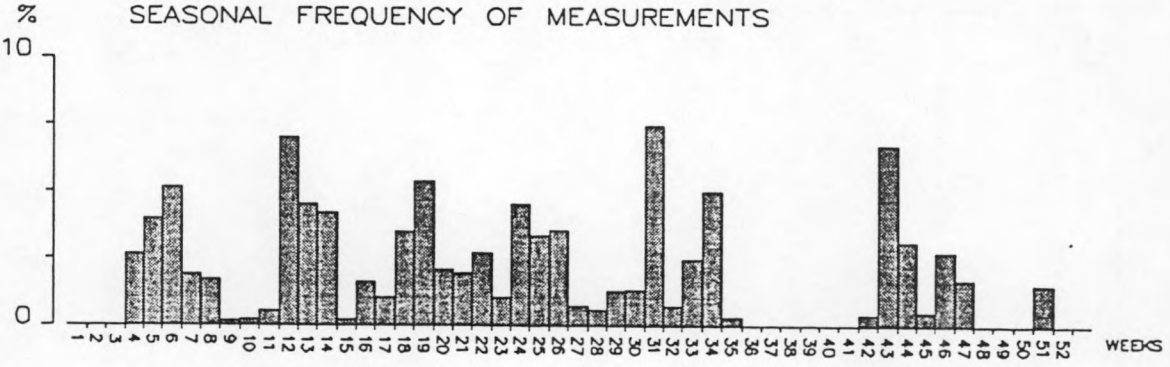
<	2688	<	1152
<	2304	<	768
<	1920	<	384
<	1536	=	0

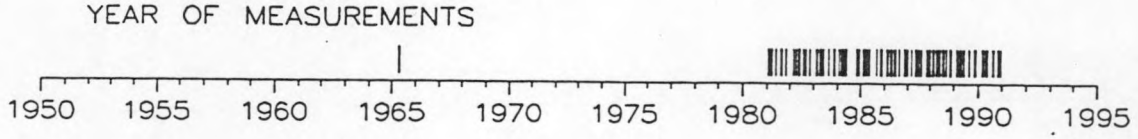
MINIMUM : 0.00
MAXIMUM : 10.30

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020101

ENAME : IOW

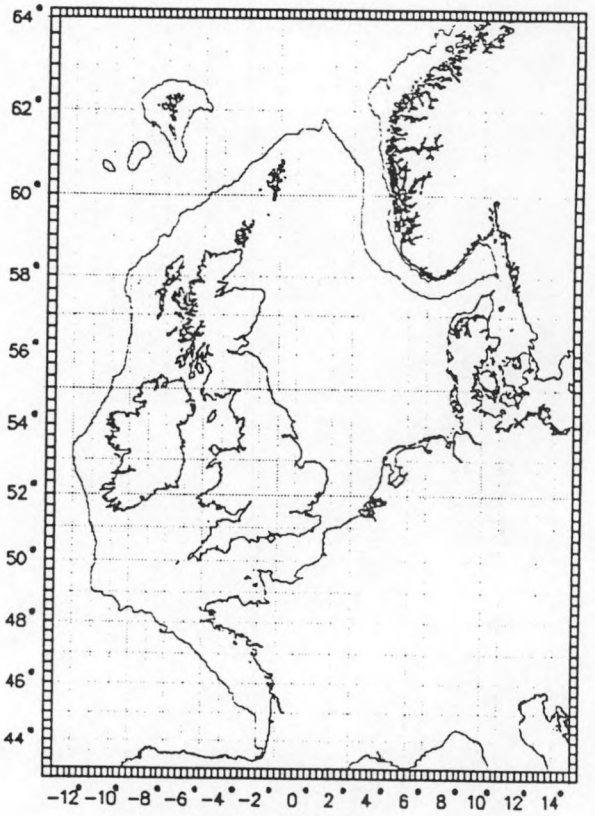
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 224

MINIMUM : 0.00

MAXIMUM : 2.91



MODIFICATIONS

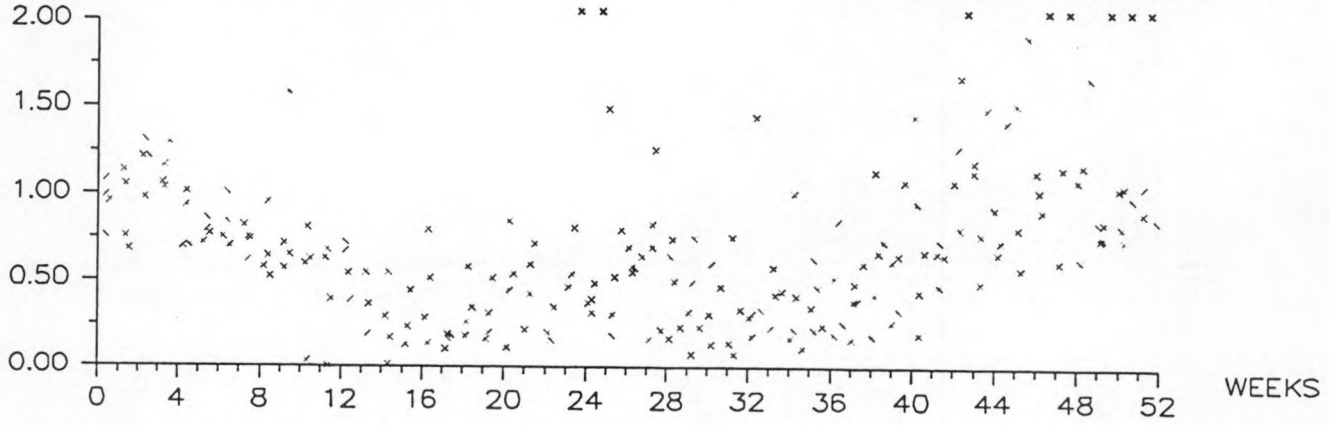
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0
LOWER : 2000

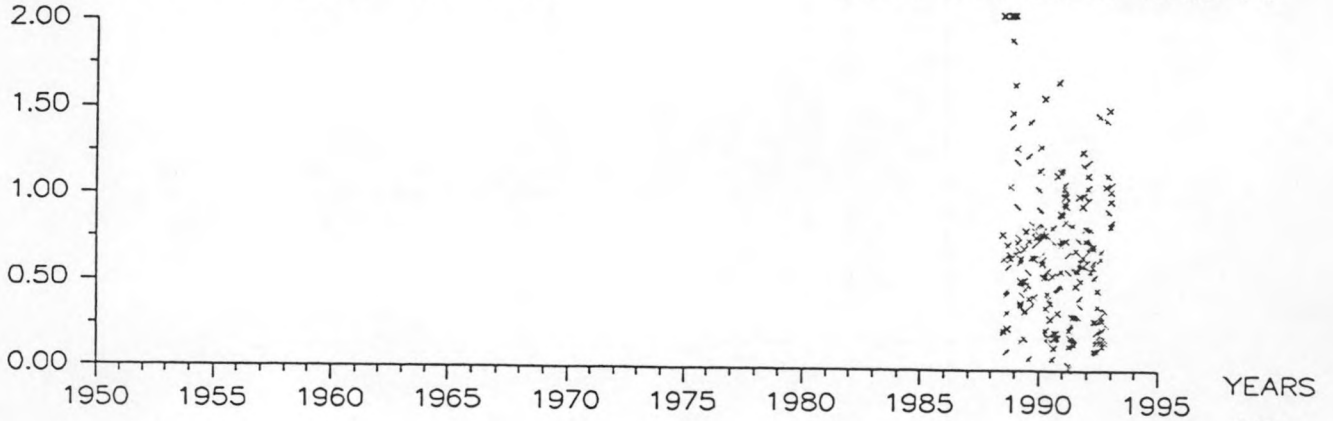
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 8



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 8

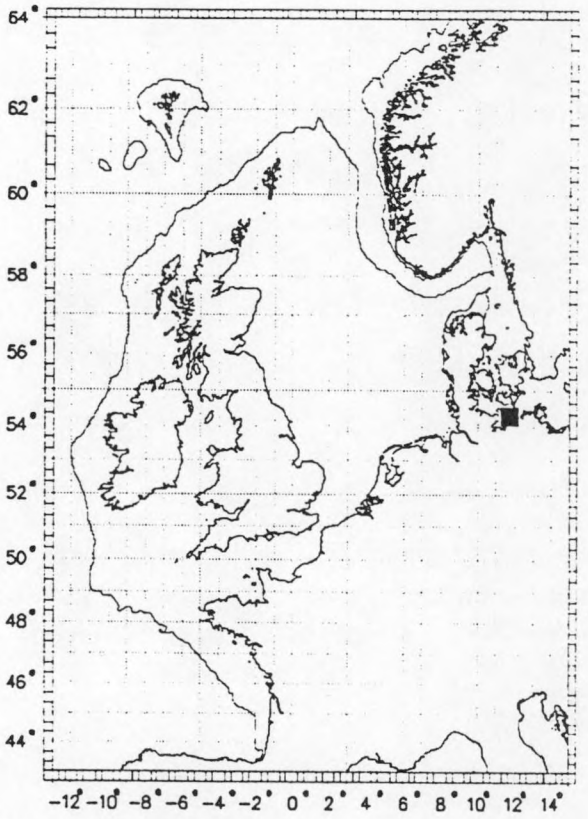


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001020101
ENAME : IOW
UNITS : MYMOL/L
NO. OF DATA : 224
NO. OF POSITIONS : 1



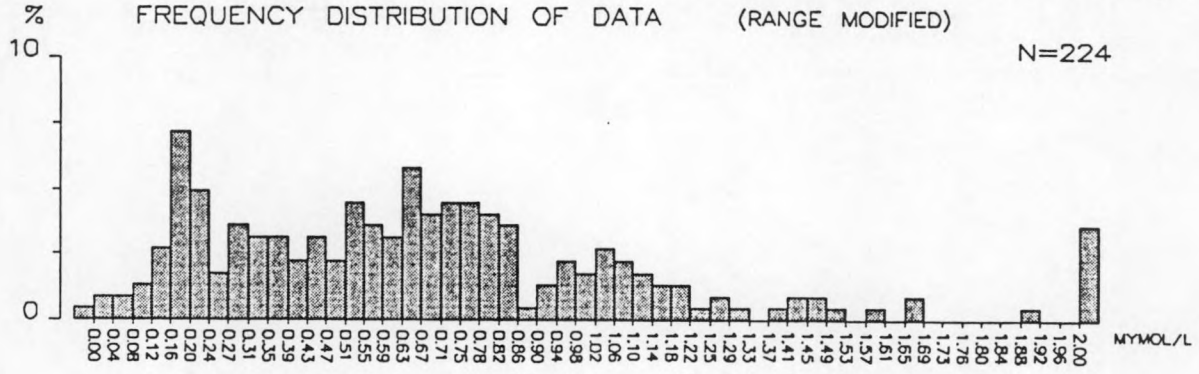
NO. OF DATA/AREA :
(without longterm data series !)

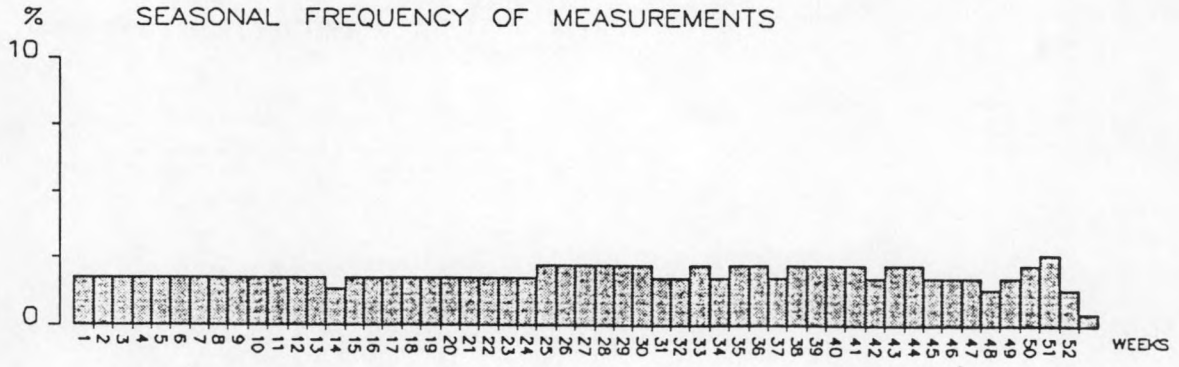
< 224	< 96
< 192	< 64
< 160	< 32
< 128	= 0

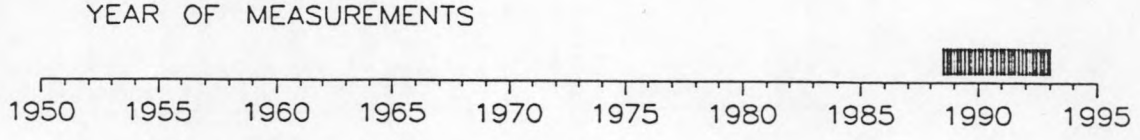
MINIMUM : 0.00
MAXIMUM : 2.91

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







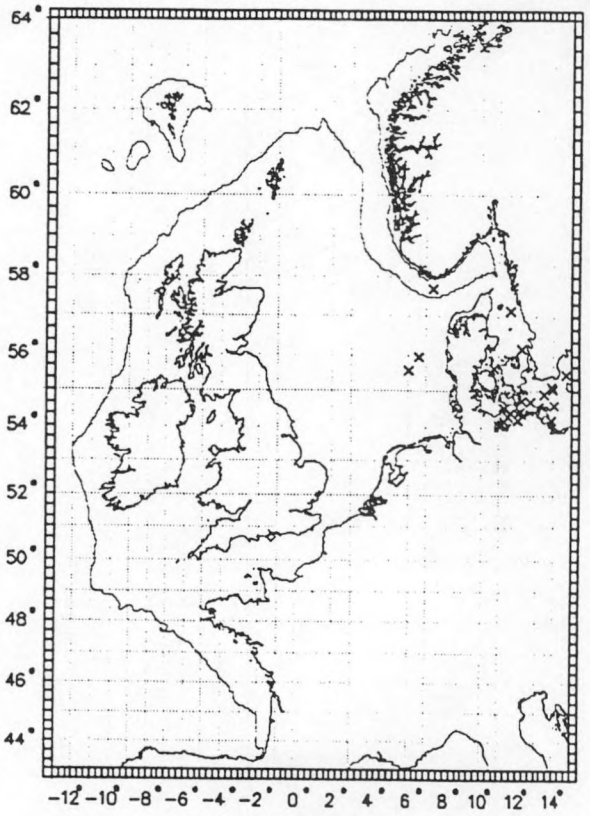
96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001030094
ENAME : IOW
UNITS : MYMOL/L
NO. OF POSITIONS : 23
NO. OF DATA : 10341
MINIMUM : 0.00
MAXIMUM : 13.68

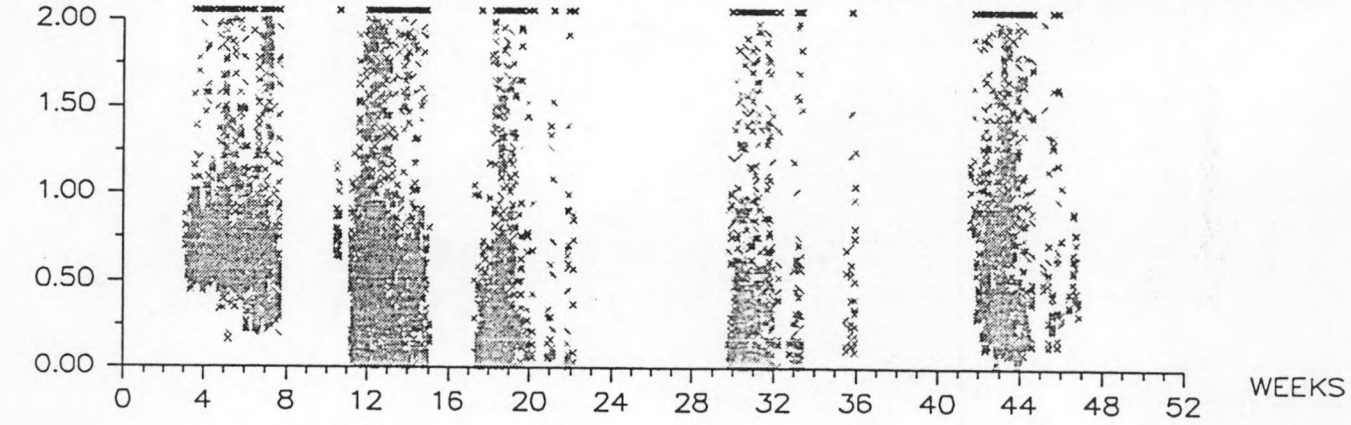


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

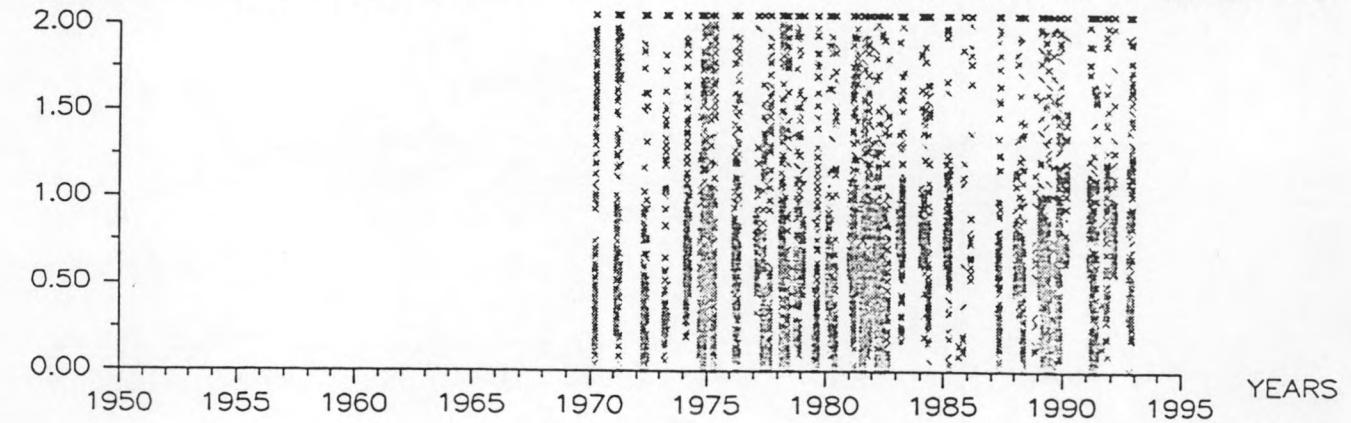
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 1494



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 1494



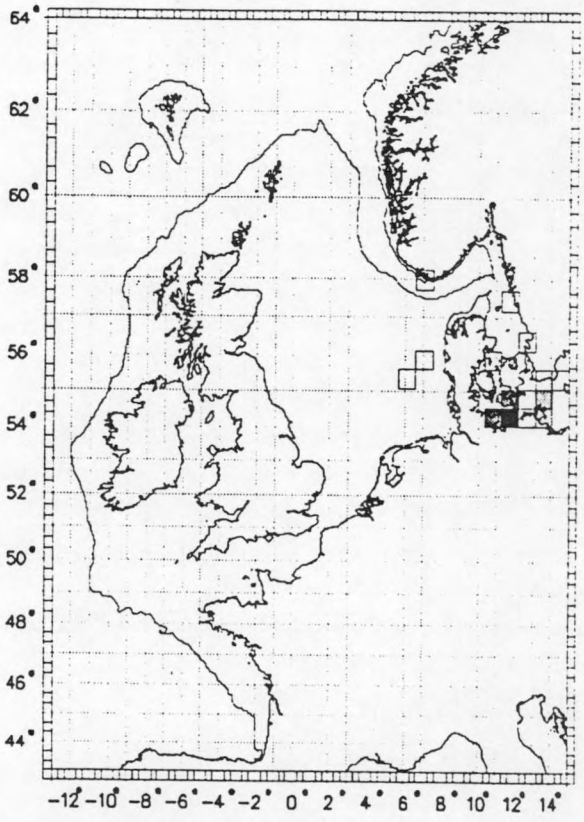
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001030094
ENAME : IOW
UNITS : MYMOL/L
NO. OF DATA : 10341
NO. OF POSITIONS : 23



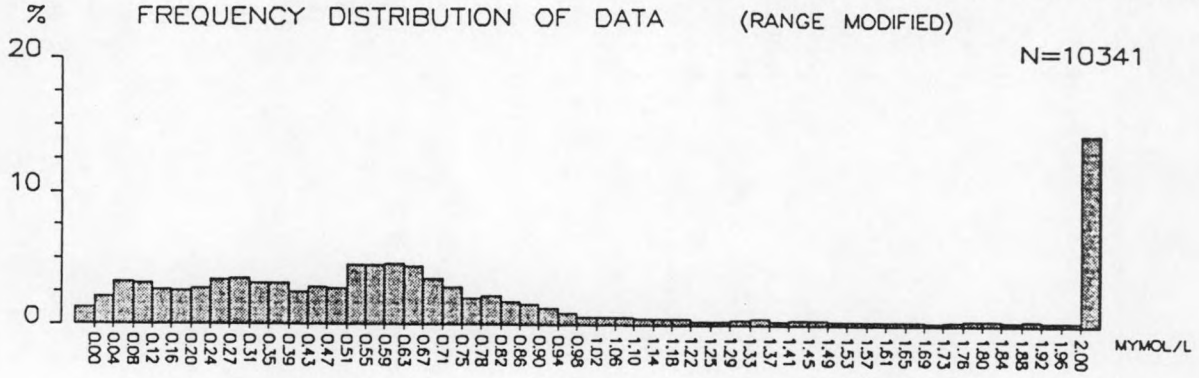
NO. OF DATA/AREA :
(without longterm data series !)

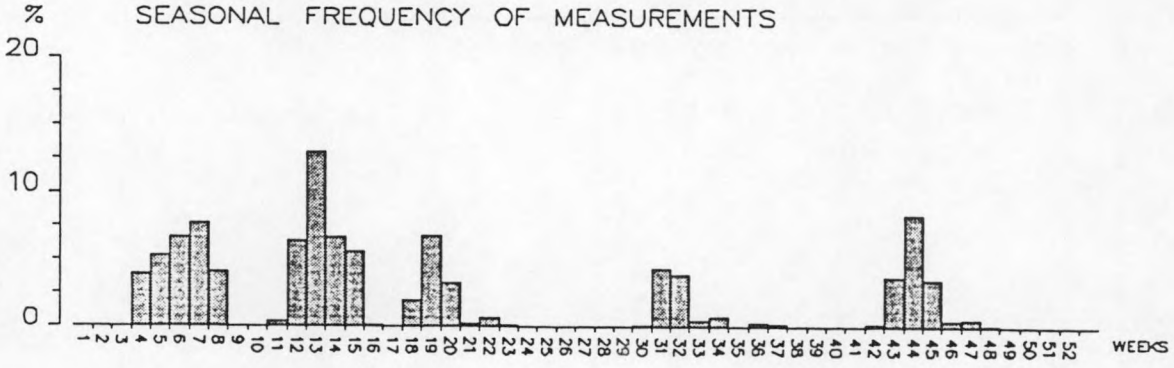
<	4871	<	2087
<	4175	<	1391
<	3479	<	695
<	2783	=	0

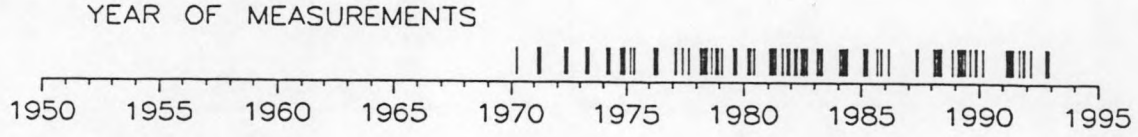
MINIMUM : 0.00
MAXIMUM : 13.68

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001101601

ENAME : LAC / Decadt, G.

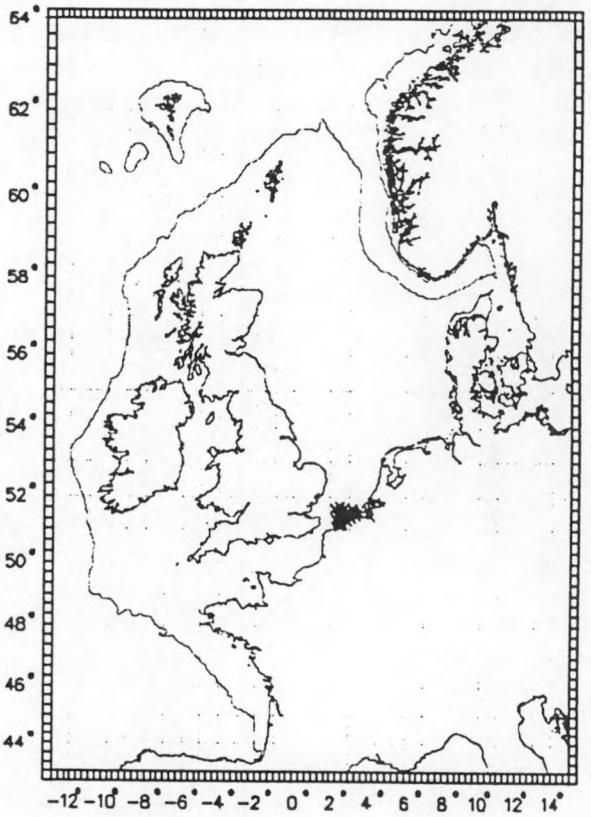
UNITS : MYMOL/L

NO. OF POSITIONS : 23

NO. OF DATA : 572

MINIMUM : 0.10

MAXIMUM : 16.72



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

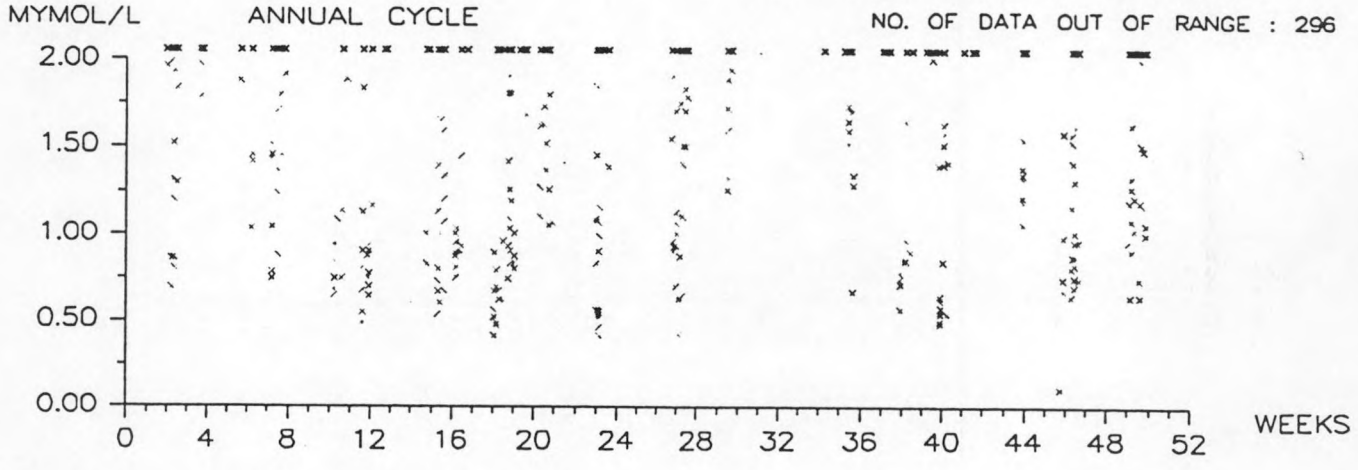
FIRST WEEK : 1

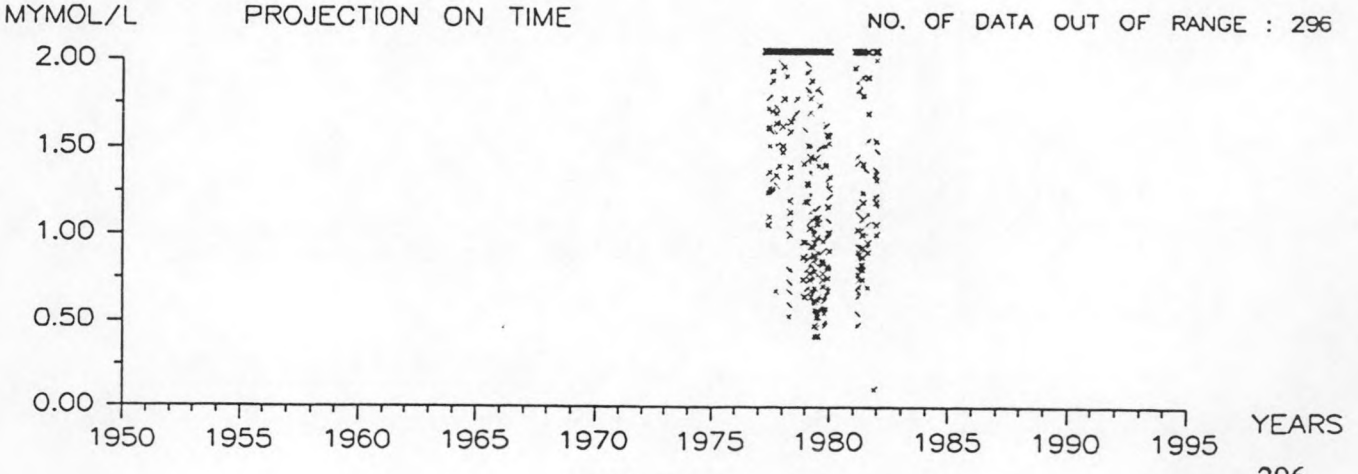
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



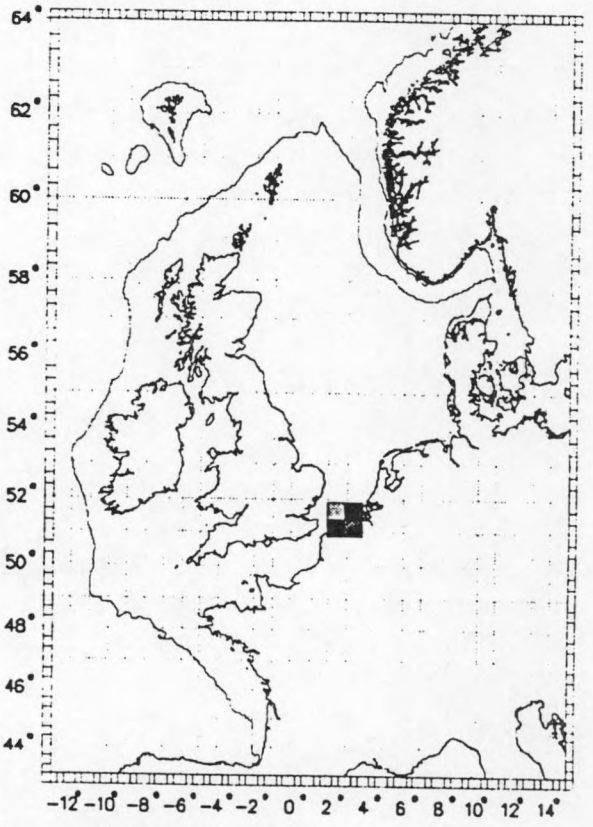


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001101601
ENAME : LAC / Decadt, G.
UNITS : MYMOL/L
NO. OF DATA : 572
NO. OF POSITIONS : 23



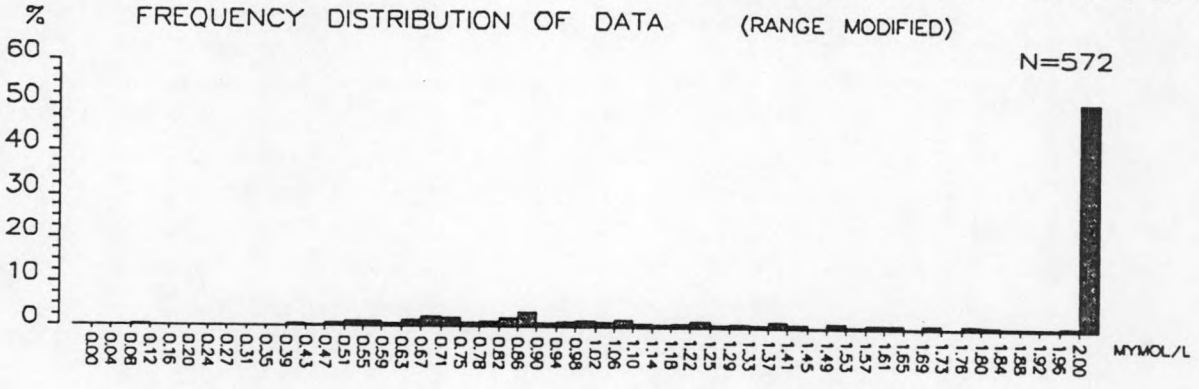
NO. OF DATA/AREA :
(without longterm data series !)

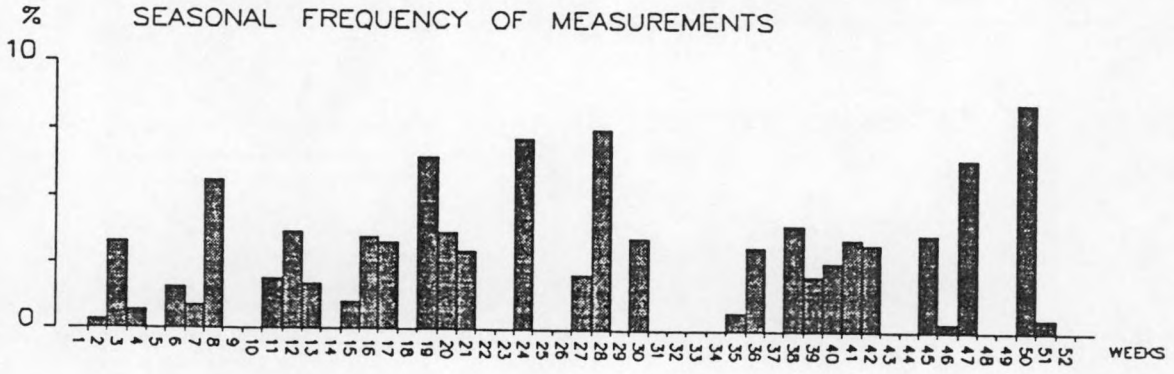
<	231	<	99
<	198	<	66
<	165	<	33
<	132	=	0

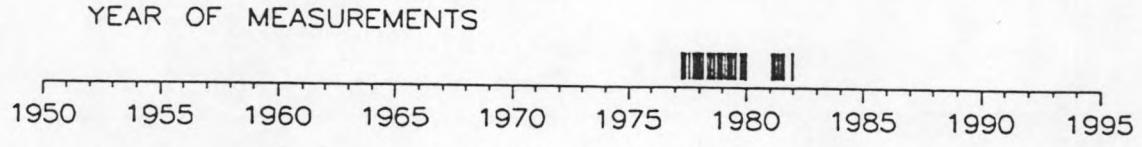
MINIMUM : 0.10
MAXIMUM : 16.72

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001

ENAME : LWKKI

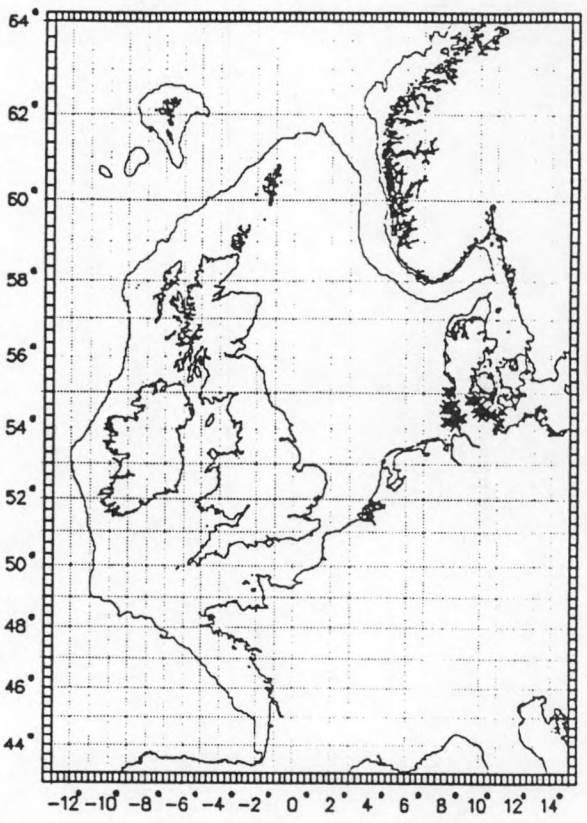
UNITS : MYMOL/L

NO. OF POSITIONS : 59

NO. OF DATA : 1386

MINIMUM : 0.01

MAXIMUM : 18.08



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

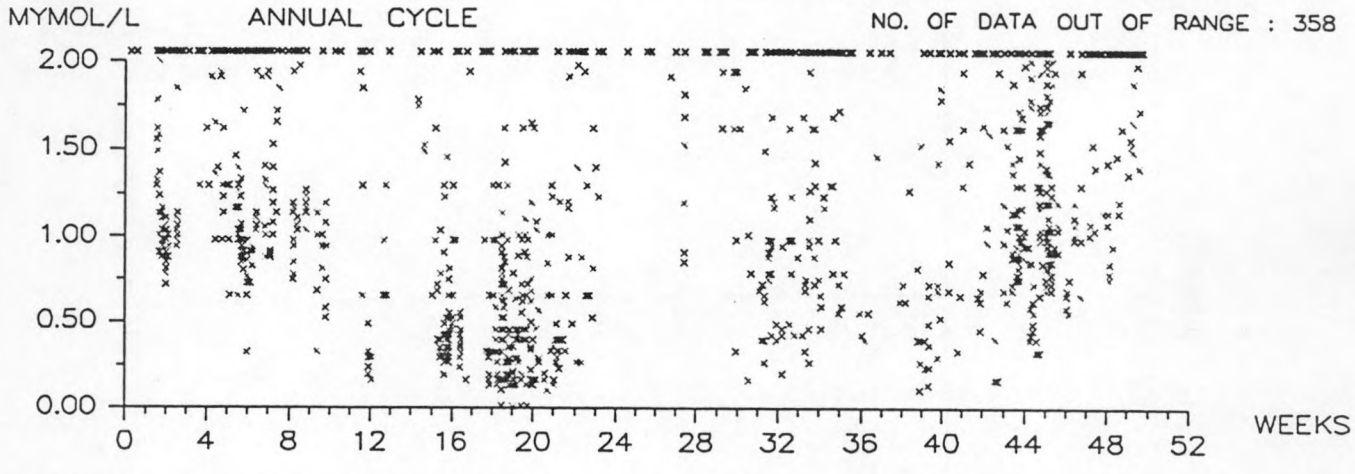
FIRST WEEK : 1

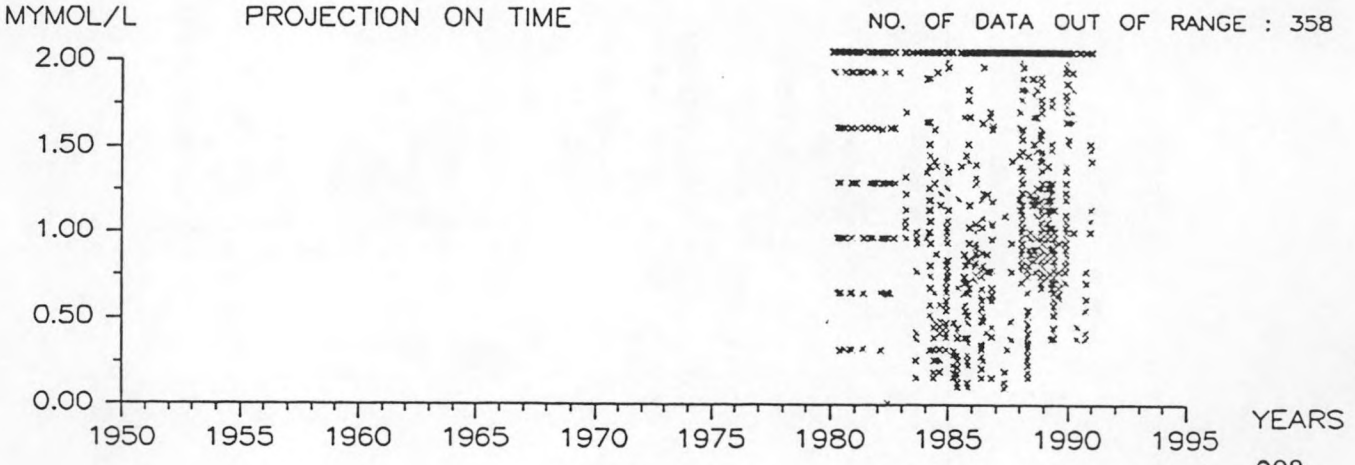
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





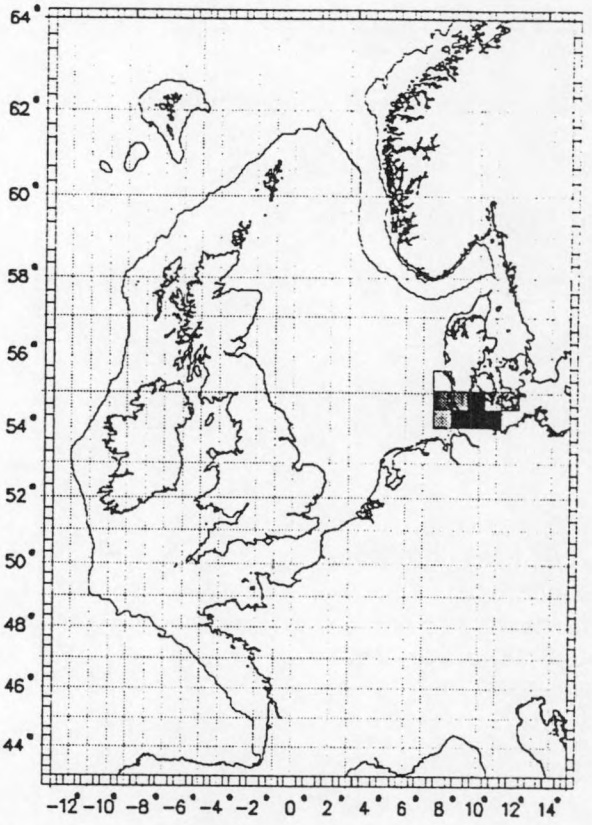
96–05–21

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : LWKKI
UNITS : MYMOL/L
NO. OF DATA : 1386
NO. OF POSITIONS : 59



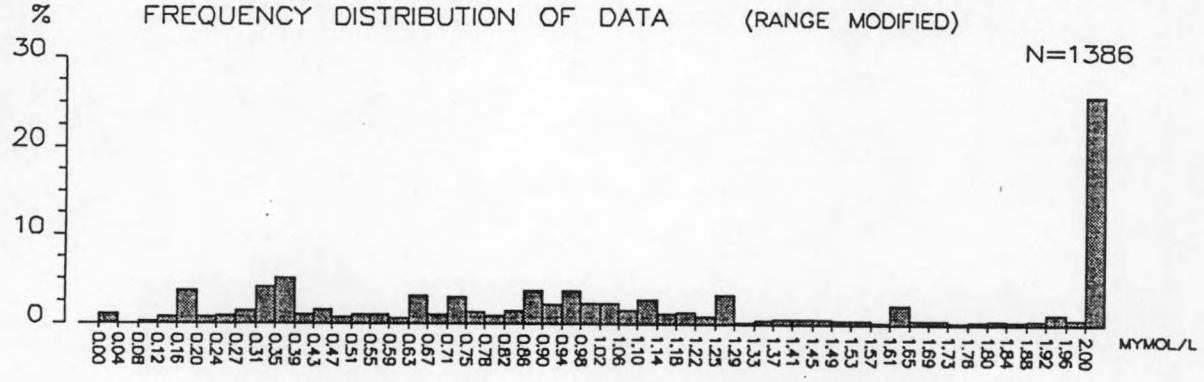
NO. OF DATA/AREA :
(without longterm data series !)

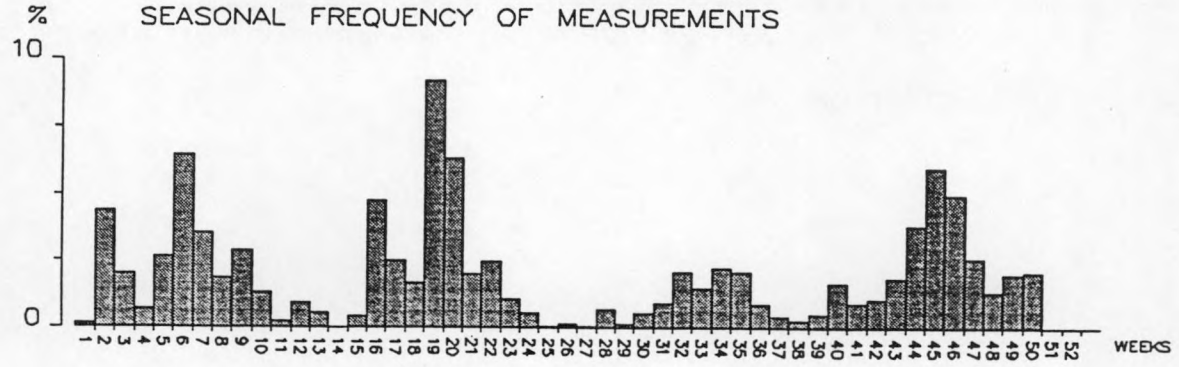
<	290	<	124
<	248	<	82
<	207	<	41
<	165	=	0

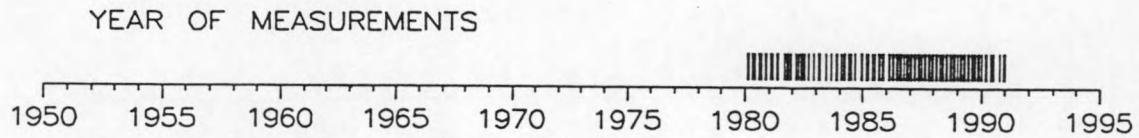
MINIMUM : 0.01
MAXIMUM : 18.08

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





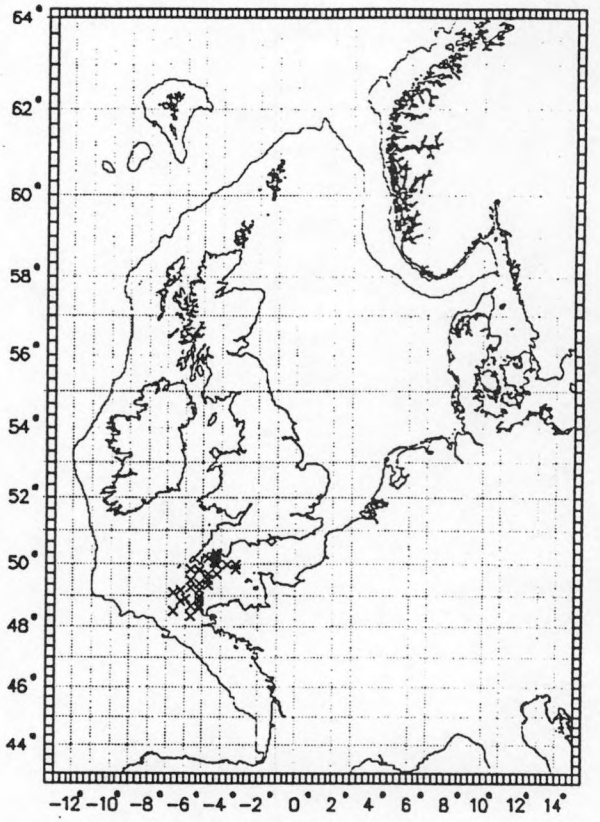


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

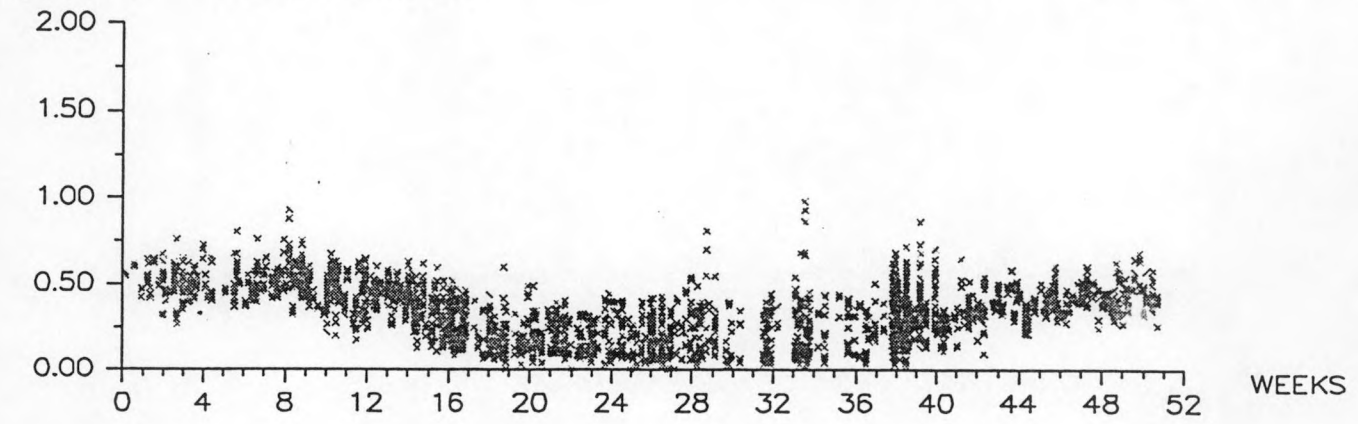
PCODE : 5001035101
ENAME : MBA/Southward, A.J.
UNITS : MYMOL/L
NO. OF POSITIONS : 34
NO. OF DATA : 4079
MINIMUM : 0.00
MAXIMUM : 0.97



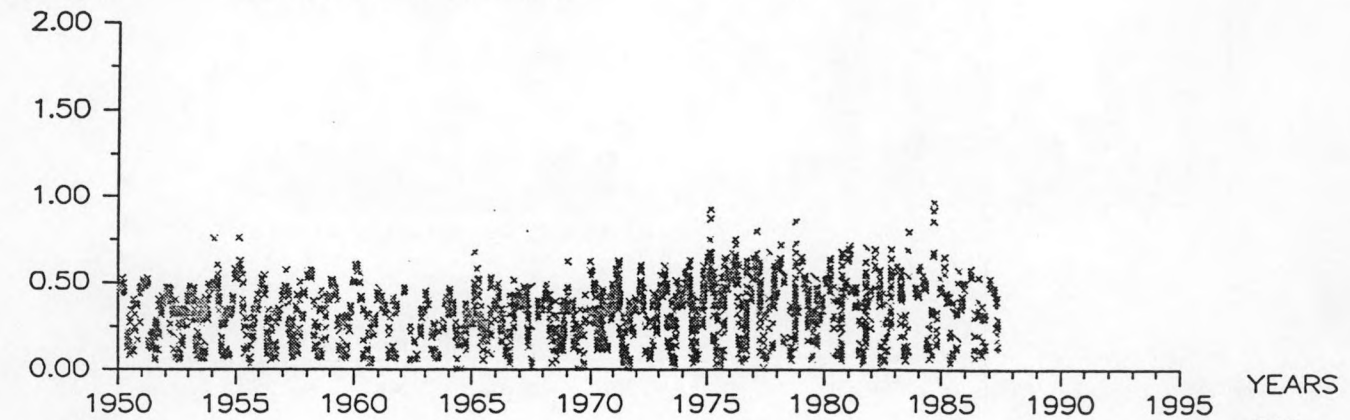
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

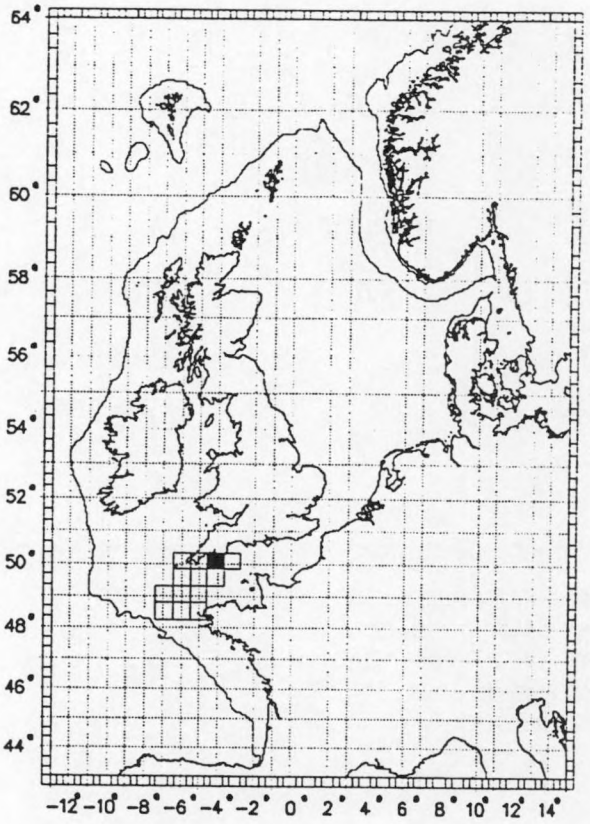


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001035101
ENAME : MBA/Southward, A.J.
UNITS : MYMOL/L
NO. OF DATA : 4079
NO. OF POSITIONS : 34



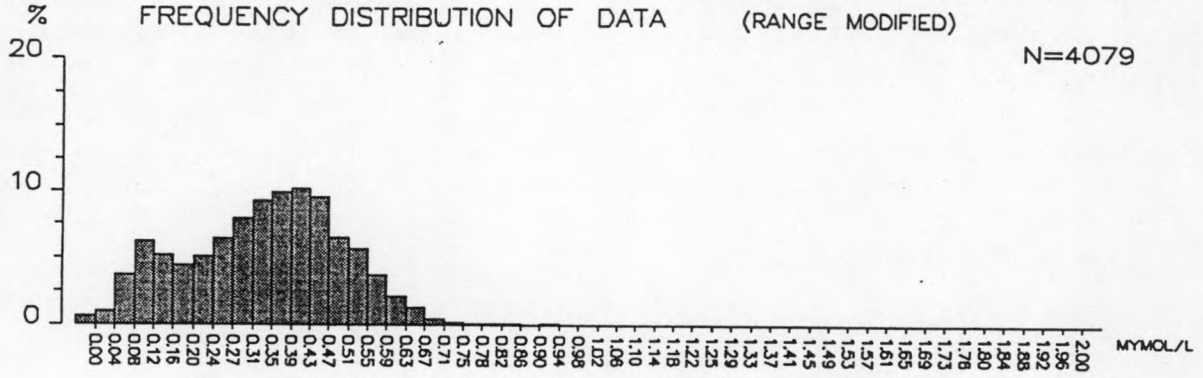
NO. OF DATA/AREA :
(without longterm data series !)

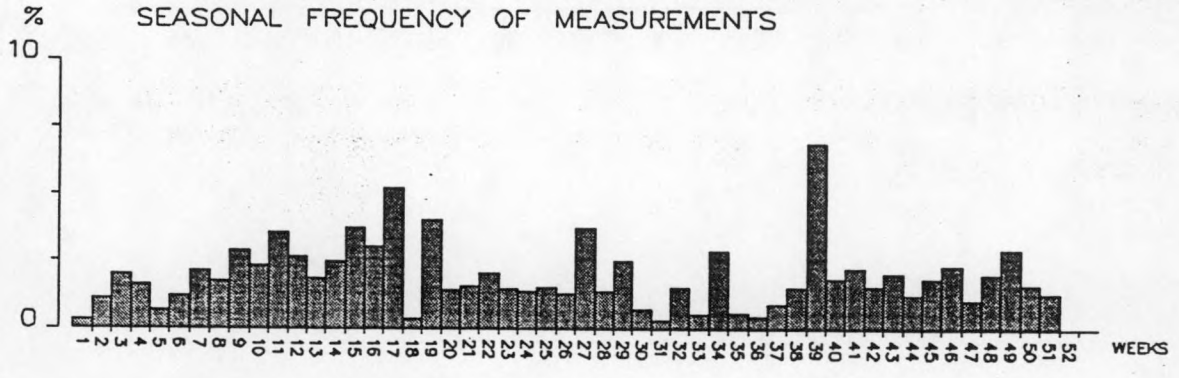
< 3192	< 1368
< 2736	< 912
< 2280	< 456
< 1824	= 0

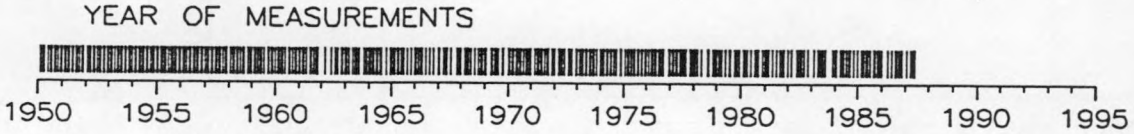
MINIMUM : 0.00
MAXIMUM : 0.97

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





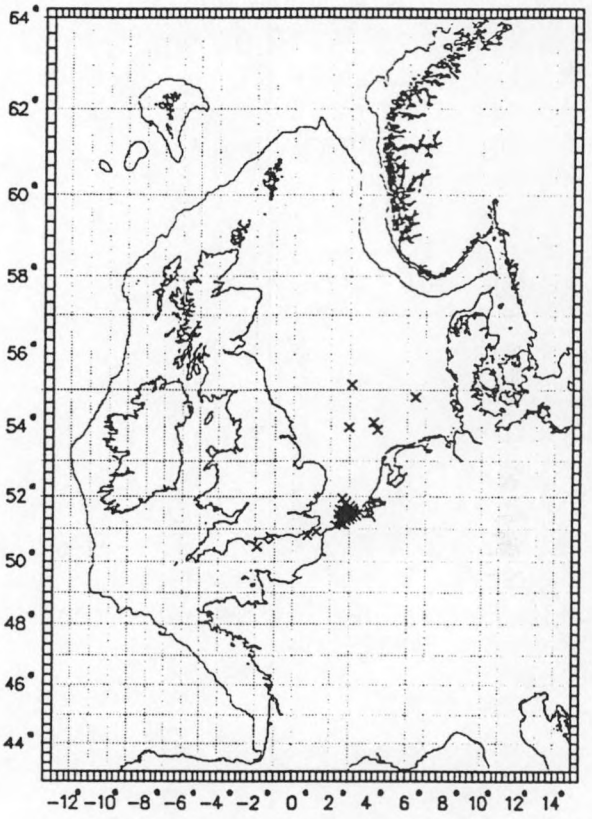


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001101601
ENAME : MUMM (OOST)
UNITS : MYMOL/L
NO. OF POSITIONS : 41
NO. OF DATA : 270
MINIMUM : 0.03
MAXIMUM : 4.52

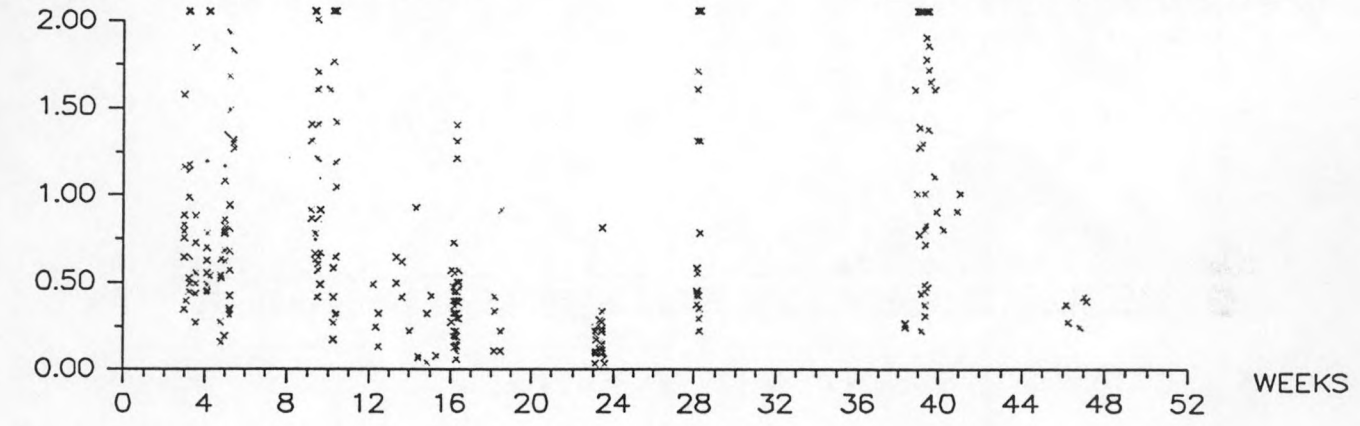


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

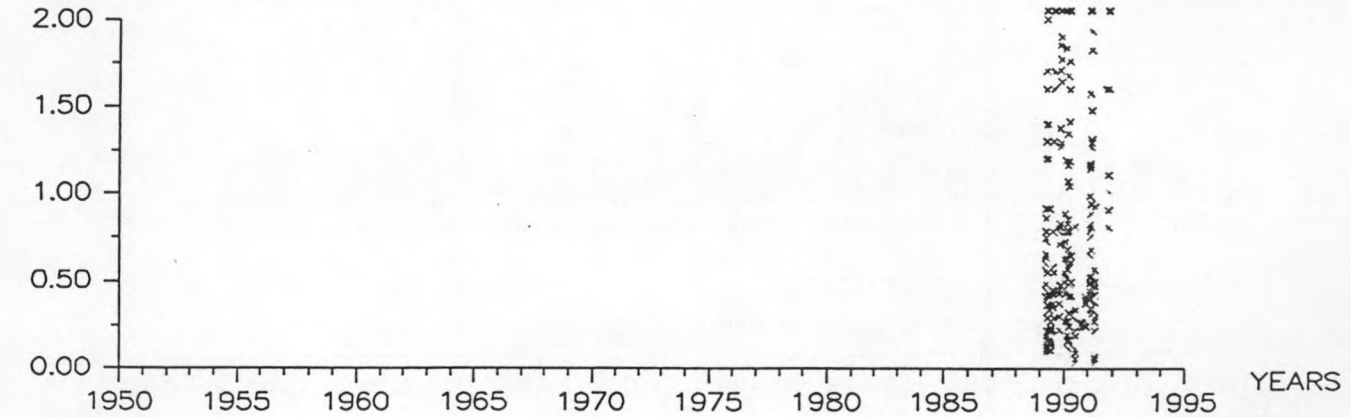
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 16



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 16



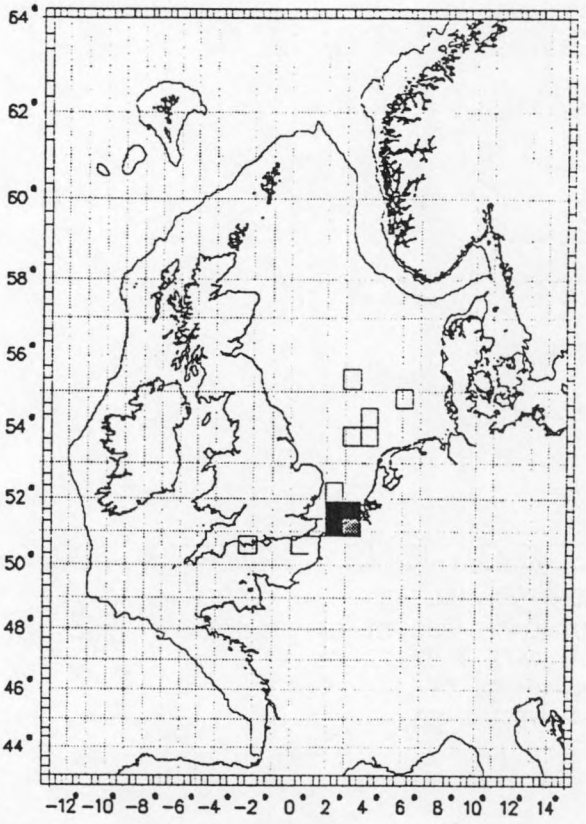
96–06–05

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (P04)

PCODE : 5001101601
ENAME : MUMM (OOST)
UNITS : MYMOL/L
NO. OF DATA : 270
NO. OF POSITIONS : 41



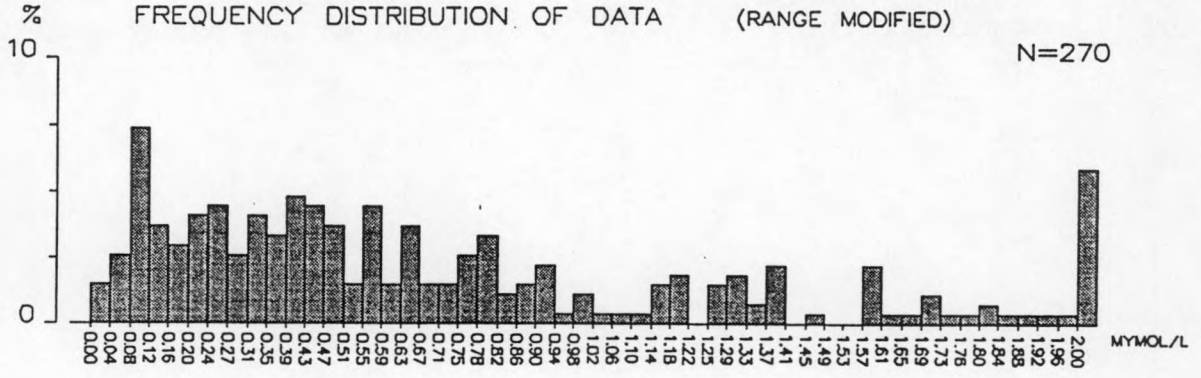
NO. OF DATA/AREA :
(without longterm data series !)

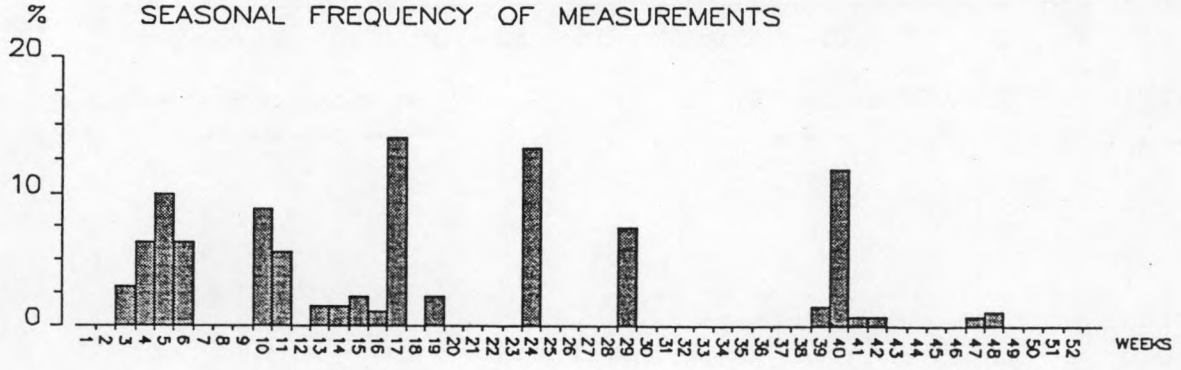
<	75	<	32
<	64	<	21
<	53	<	10
<	42	=	0

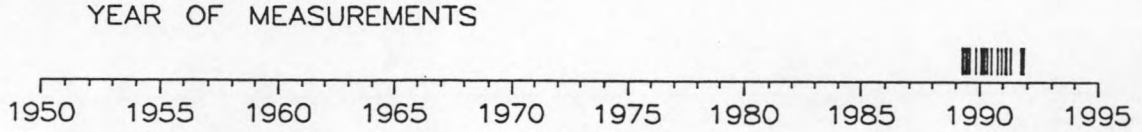
MINIMUM : 0.03
MAXIMUM : 4.52

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







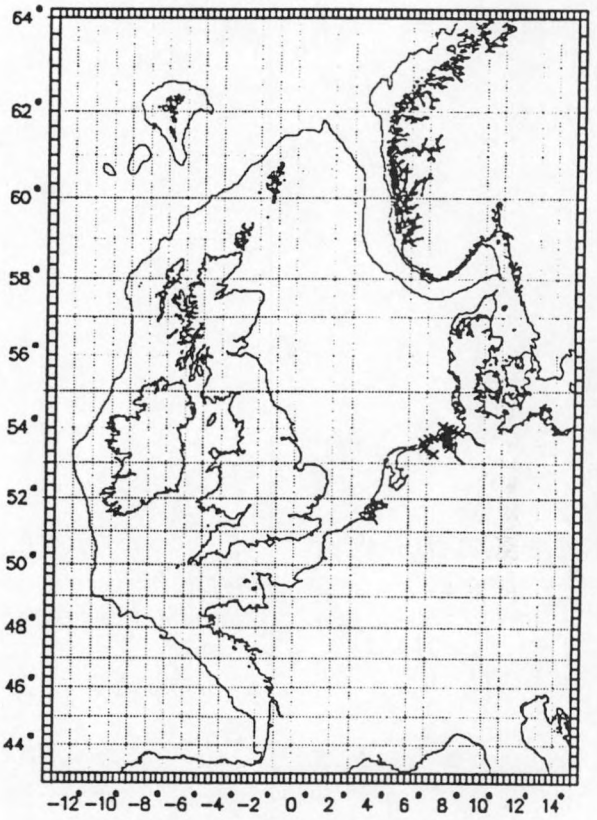
96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : NLWHI
UNITS : MYMOL/L
NO. OF POSITIONS : 23
NO. OF DATA : 401
MINIMUM : 0.09
MAXIMUM : 11.62

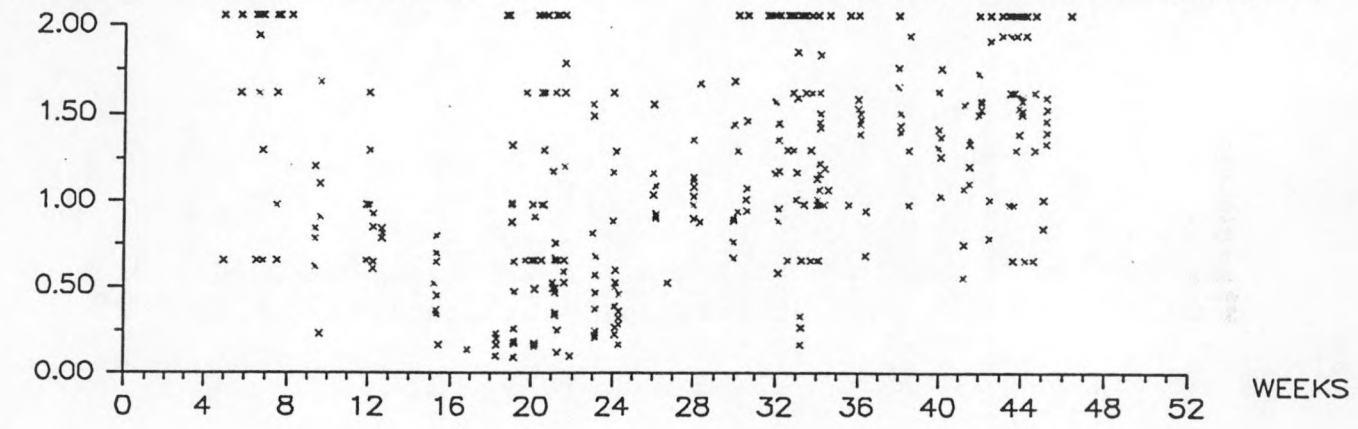


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

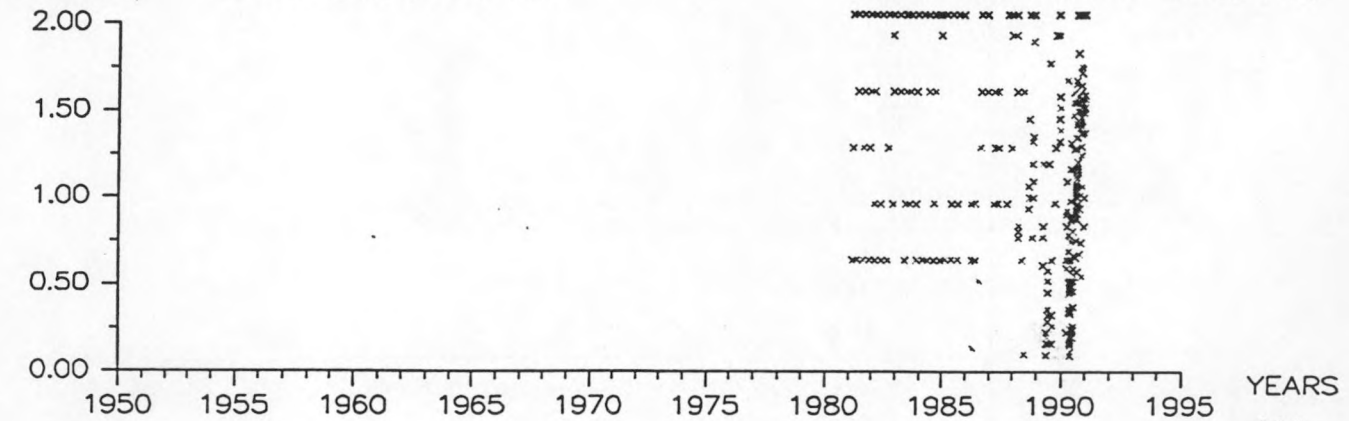
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 72



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 72



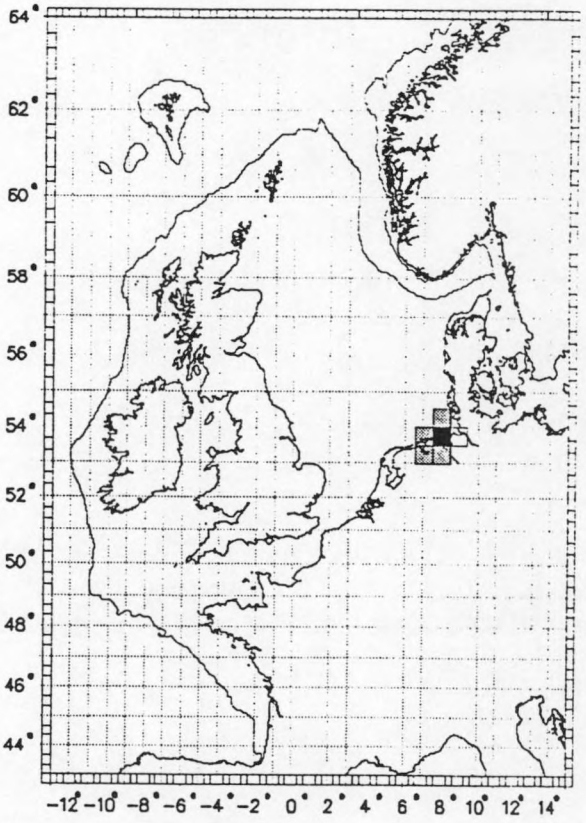
96–05–21

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY . IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001020001
ENAME : NLWHI
UNITS : MYMOL/L
NO. OF DATA : 401
NO. OF POSITIONS : 23



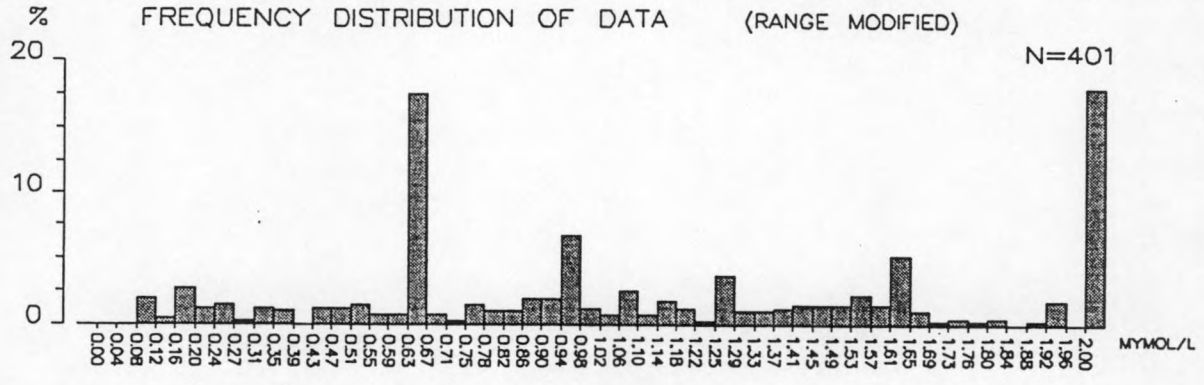
NO. OF DATA/AREA :
(without longterm data series !)

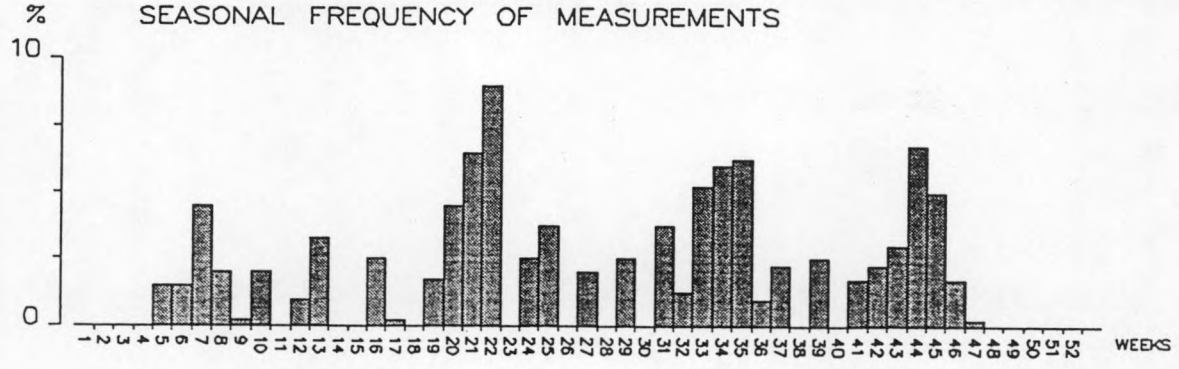
< 225	< 96
< 192	< 64
< 160	< 32
< 128	= 0

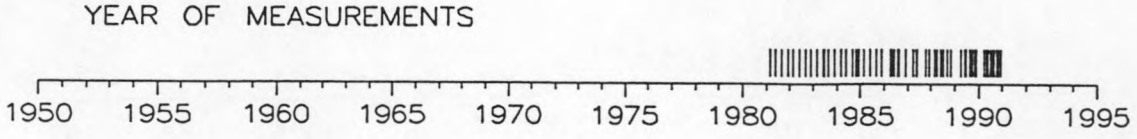
MINIMUM : 0.09
MAXIMUM : 11.62

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





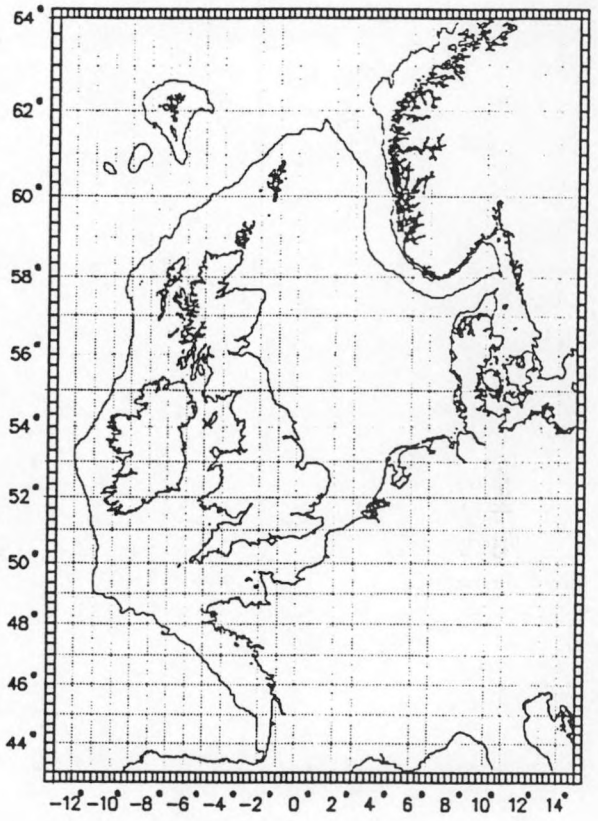


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

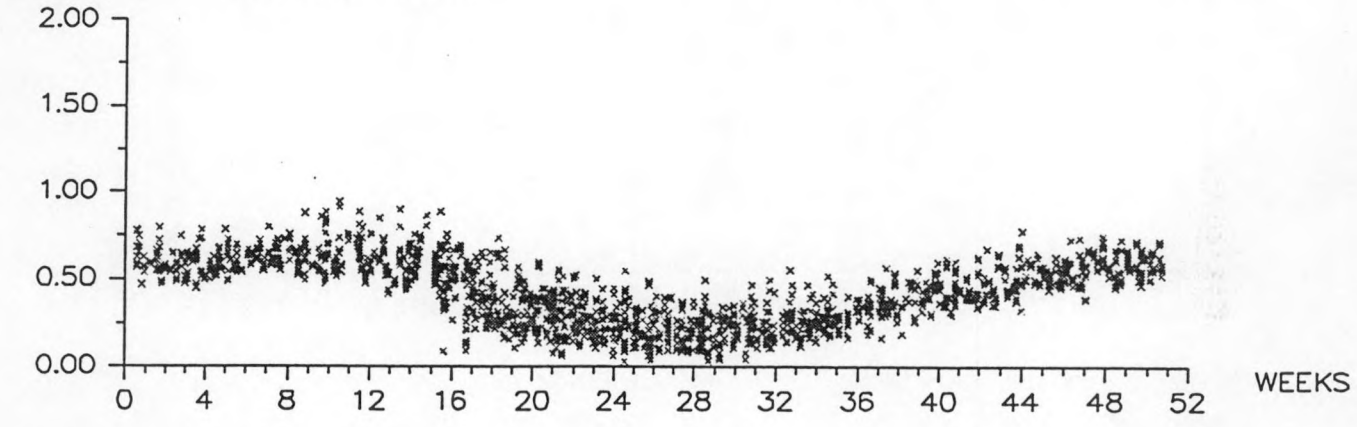
PCODE : 5001014301
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF POSITIONS : 1
NO. OF DATA : 2620
MINIMUM : 0.02
MAXIMUM : 0.94



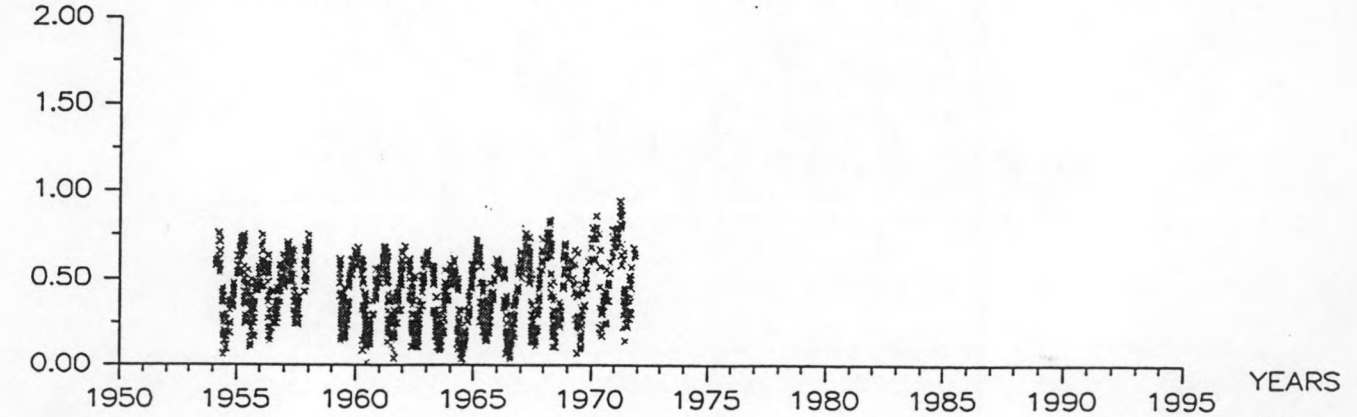
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



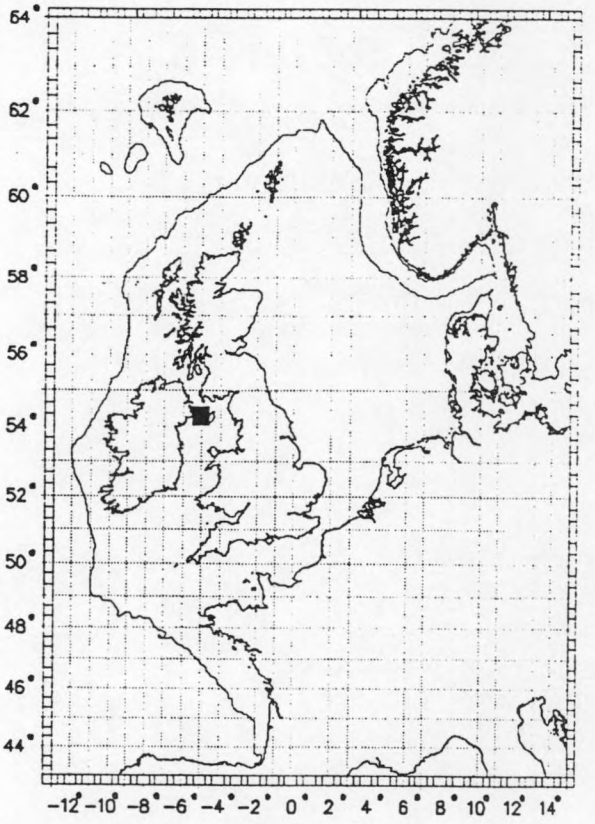
96–05–20

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001014301
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 2620
NO. OF POSITIONS : 1



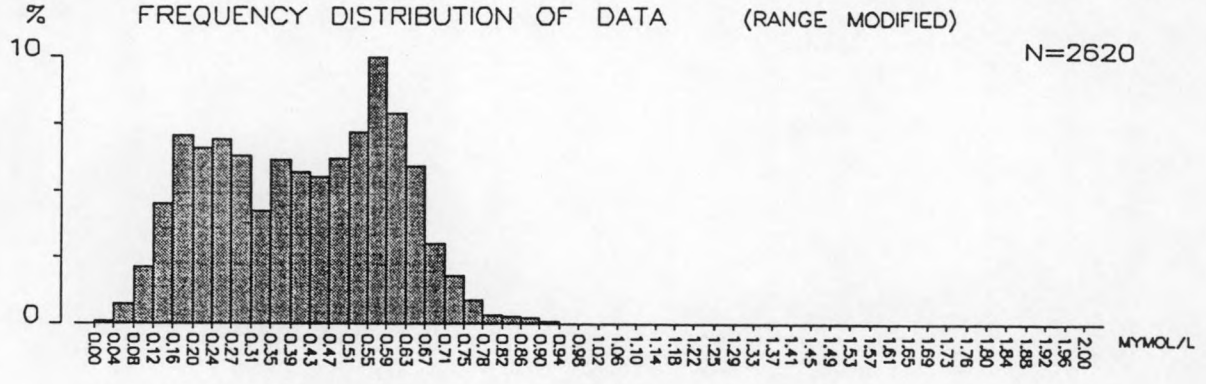
NO. OF DATA/AREA :
(without longterm data series !)

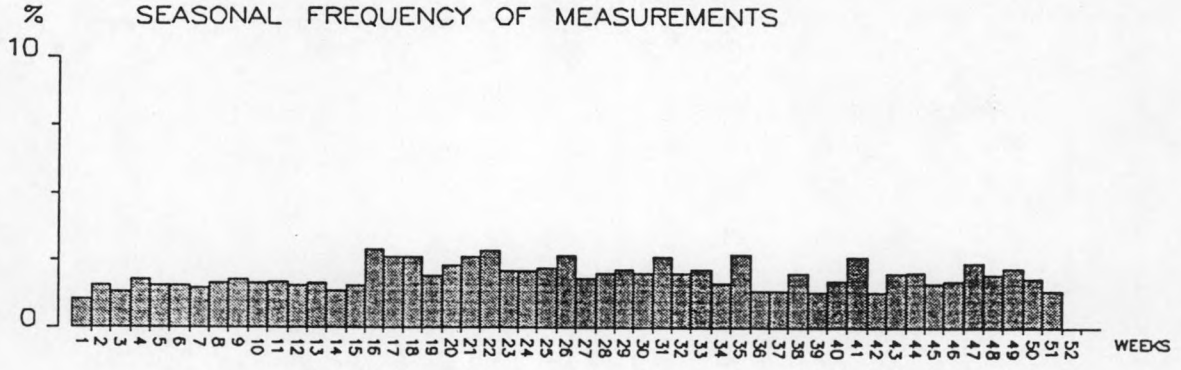
< 2620	< 1122
< 2245	< 748
< 1871	< 374
< 1497	= 0

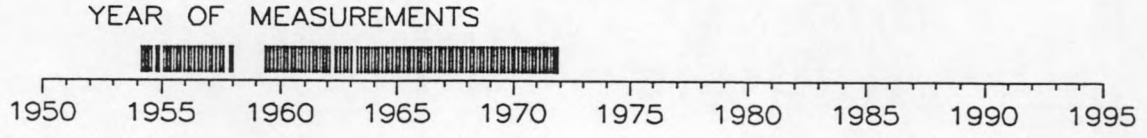
MINIMUM : 0.02
MAXIMUM : 0.94

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





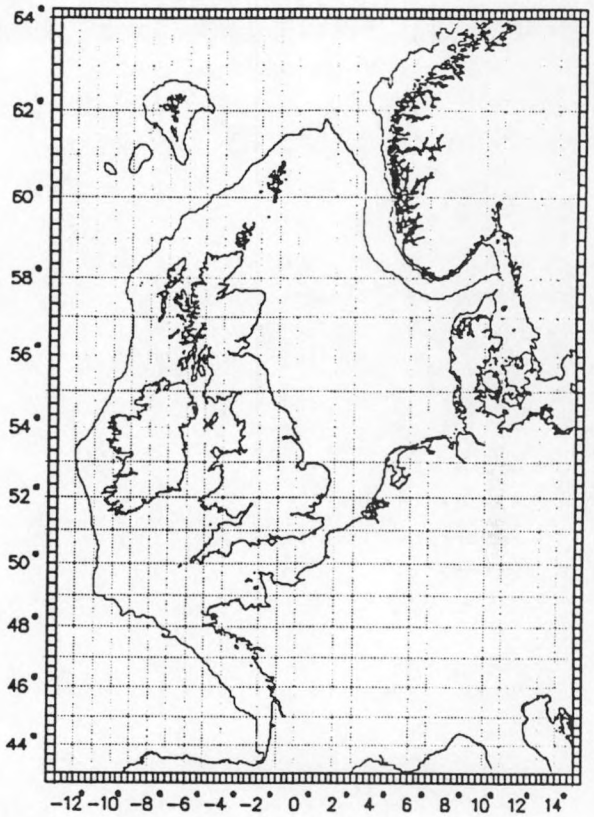


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

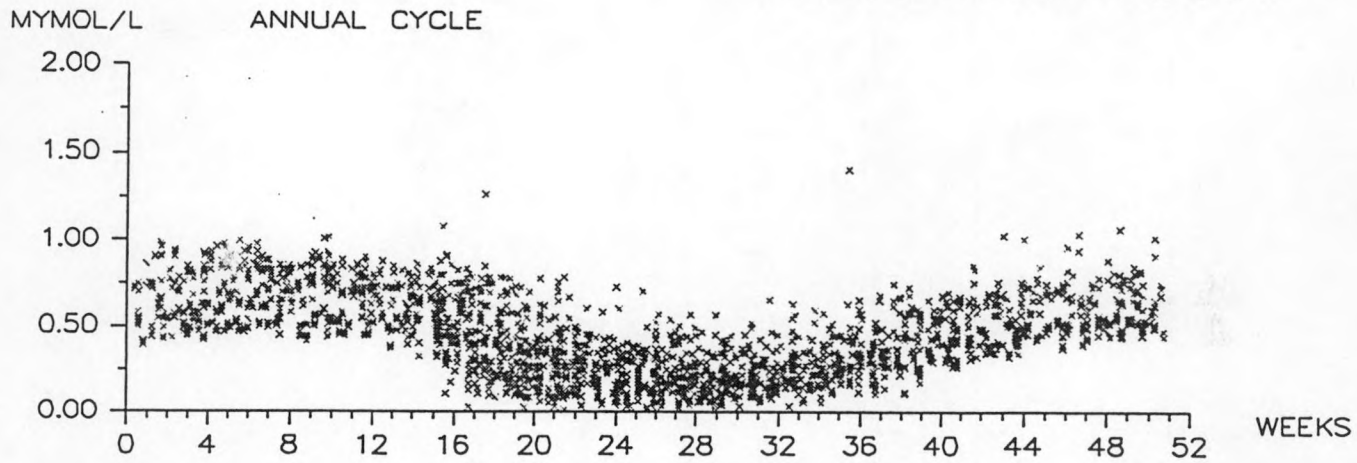
PHOSPHATE–P (PO4)

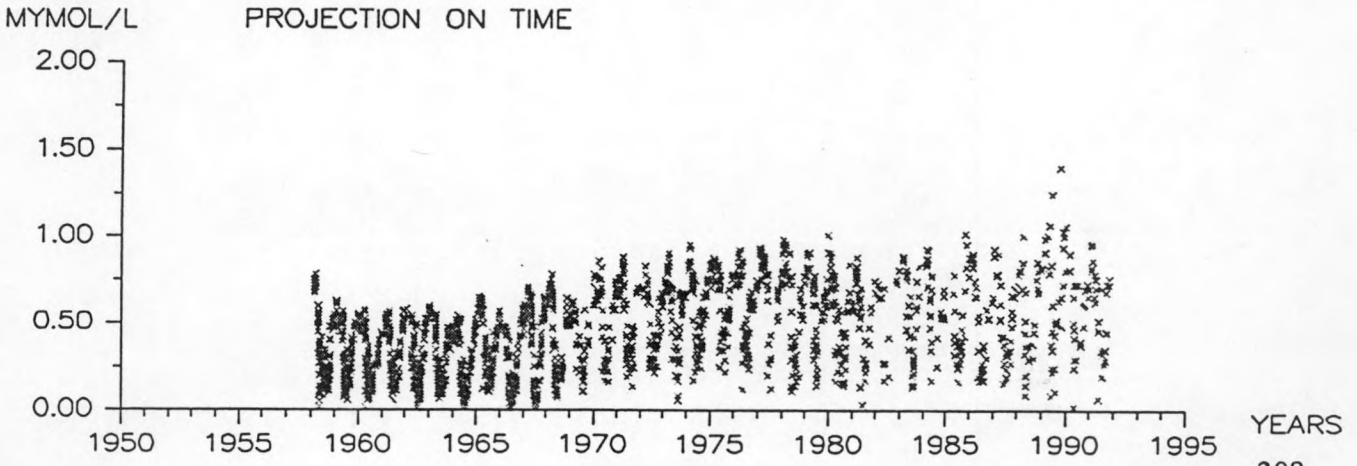
PCODE : 5001014401
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF POSITIONS : 1
NO. OF DATA : 3056
MINIMUM : 0.01
MAXIMUM : 1.40



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





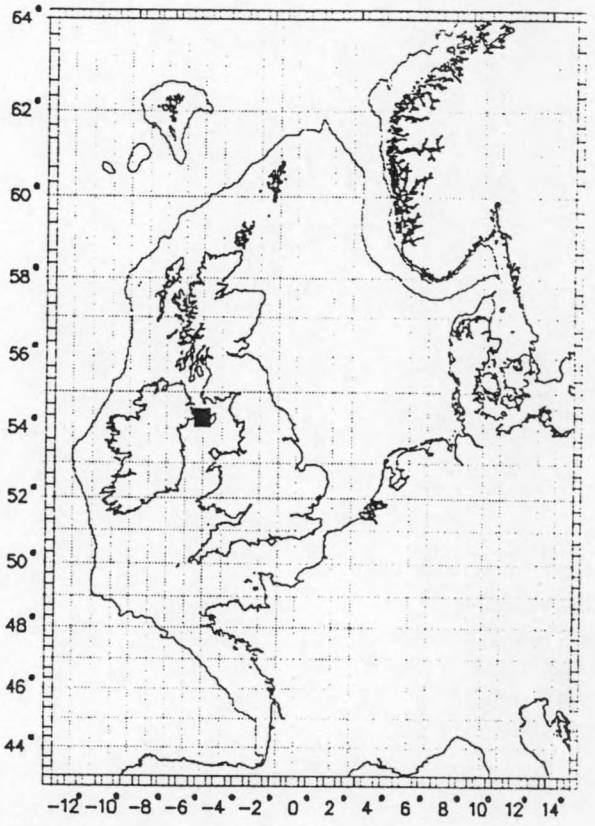
96–05–20

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001014401
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 3056
NO. OF POSITIONS : 1



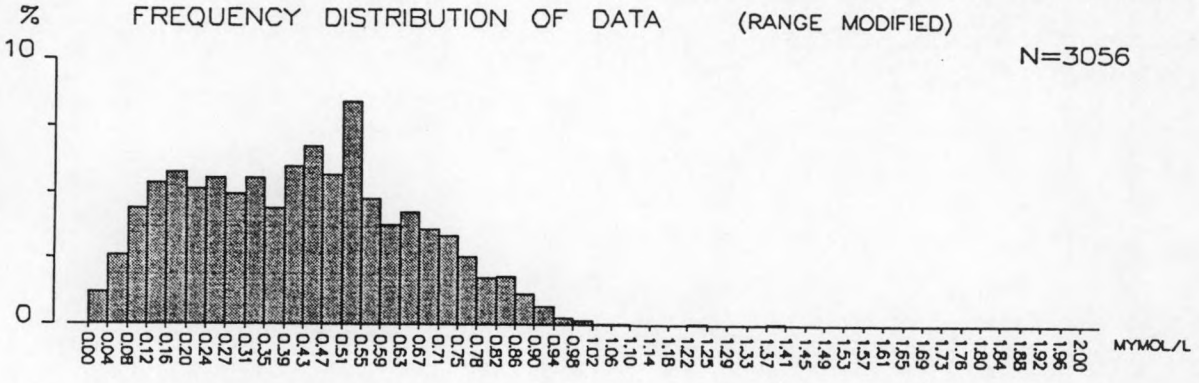
NO. OF DATA/AREA :
(without longterm data series !)

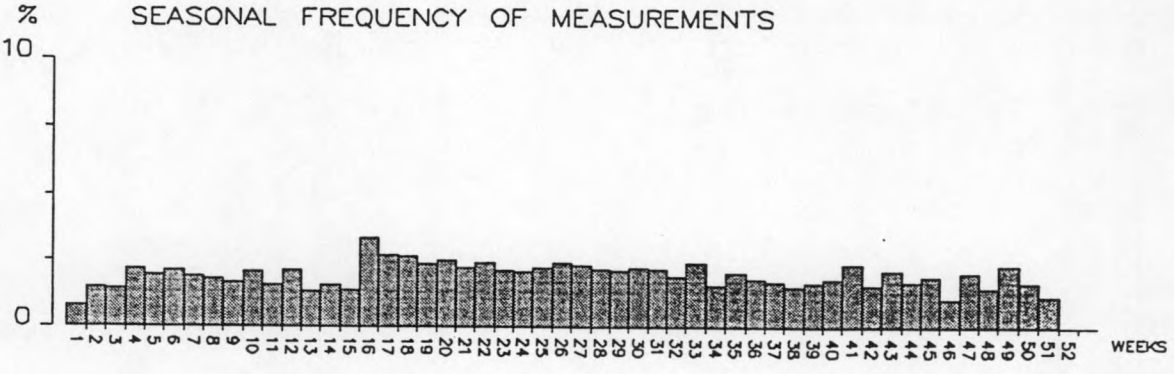
<	3056	<	1309
<	2619	<	873
<	2182	<	436
<	1746	=	0

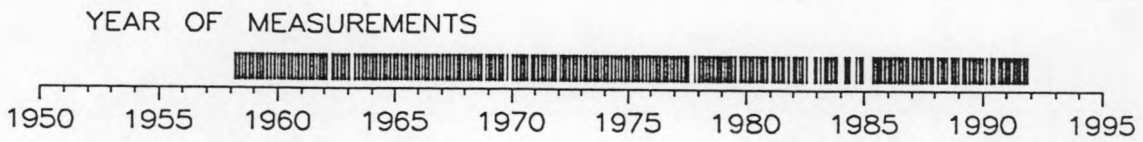
MINIMUM : 0.01
MAXIMUM : 1.40

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





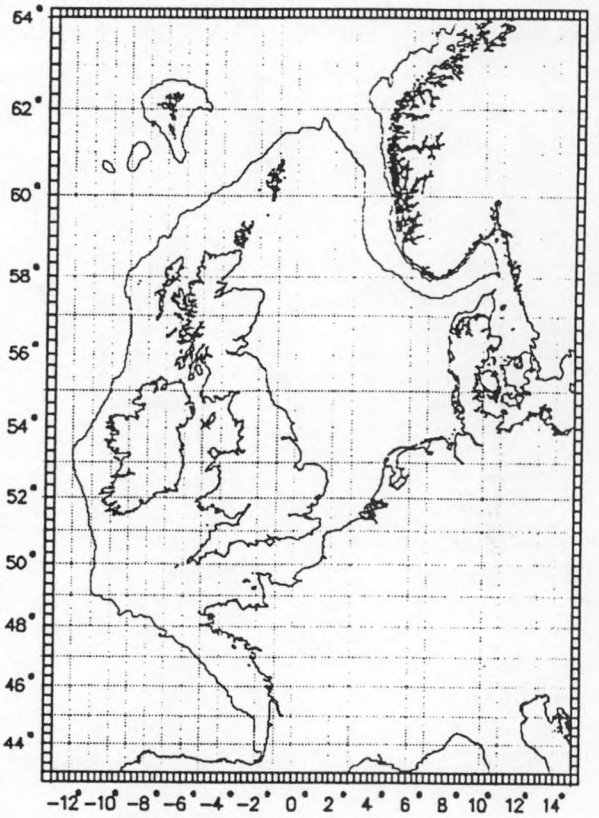


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

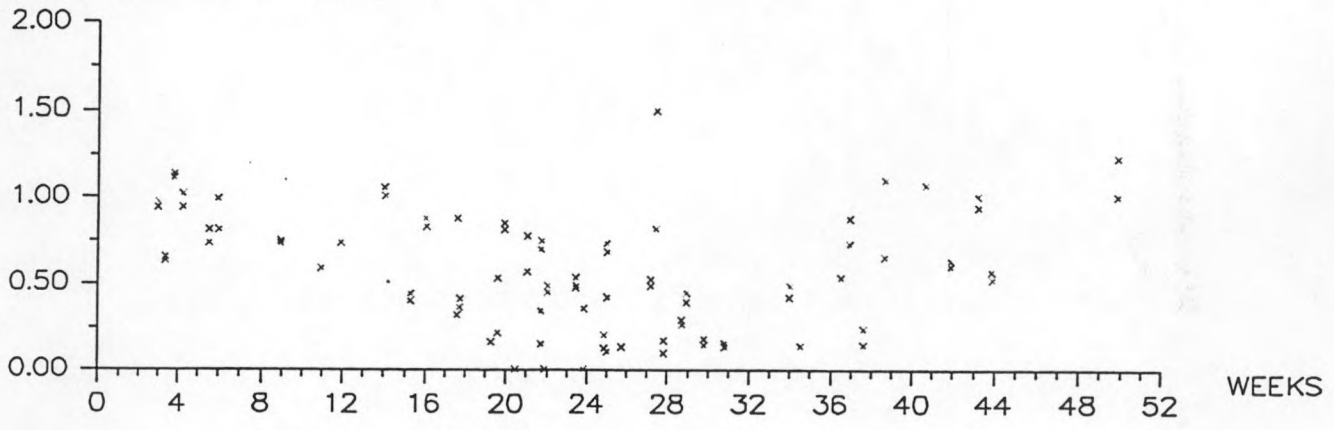
PCODE : 5001014501
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF POSITIONS : 1
NO. OF DATA : 94
MINIMUM : 0.00
MAXIMUM : 1.49



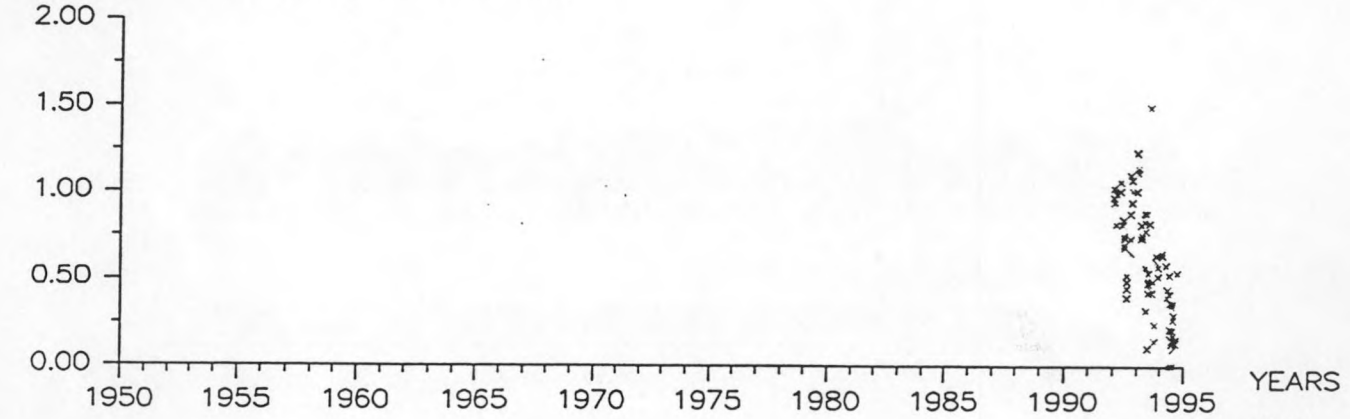
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



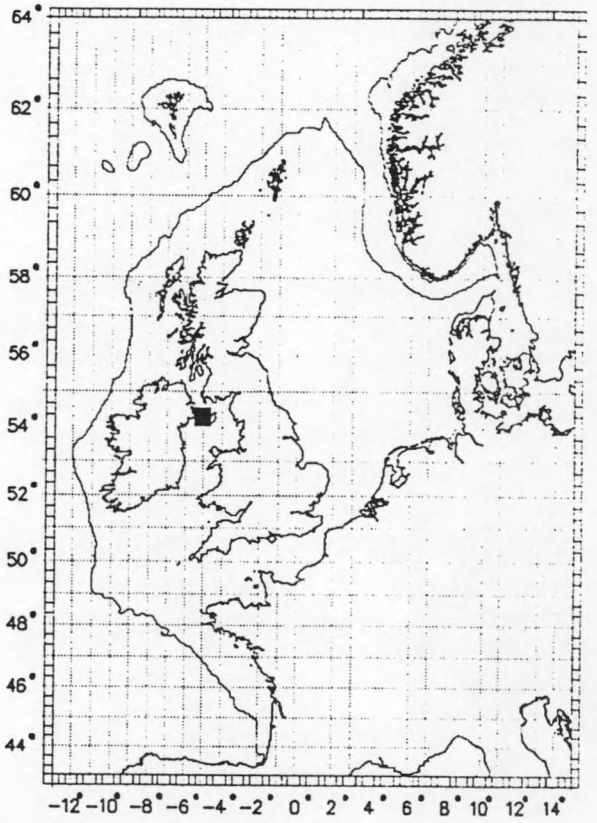
96–05–20

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (P04)

PCODE : 5001014501
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 94
NO. OF POSITIONS : 1



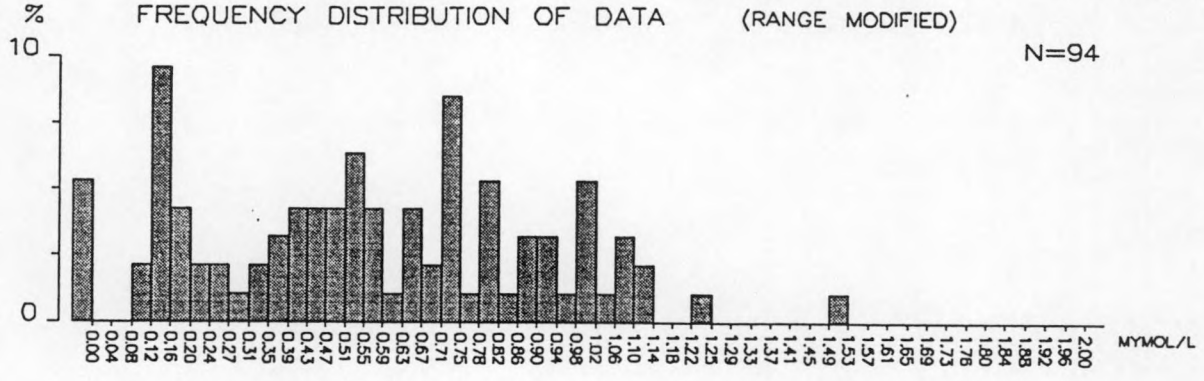
NO. OF DATA/AREA :
(without longterm data series !)

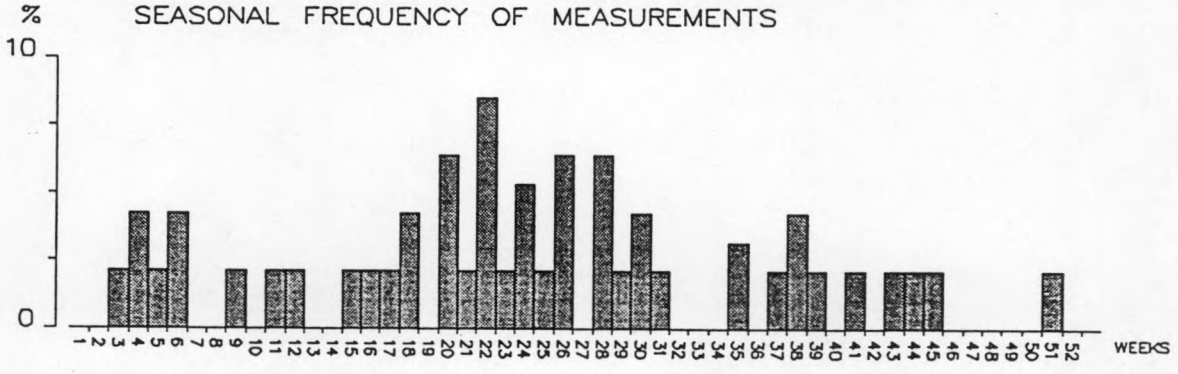
< 94	< 40
< 80	< 26
< 67	< 13
< 53	= 0

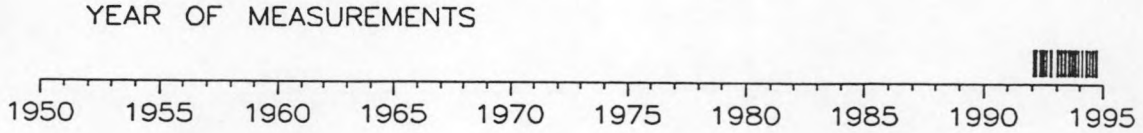
MINIMUM : 0.00
MAXIMUM : 1.49

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–04

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001032001

ENAME : Joint, I./Plymouth

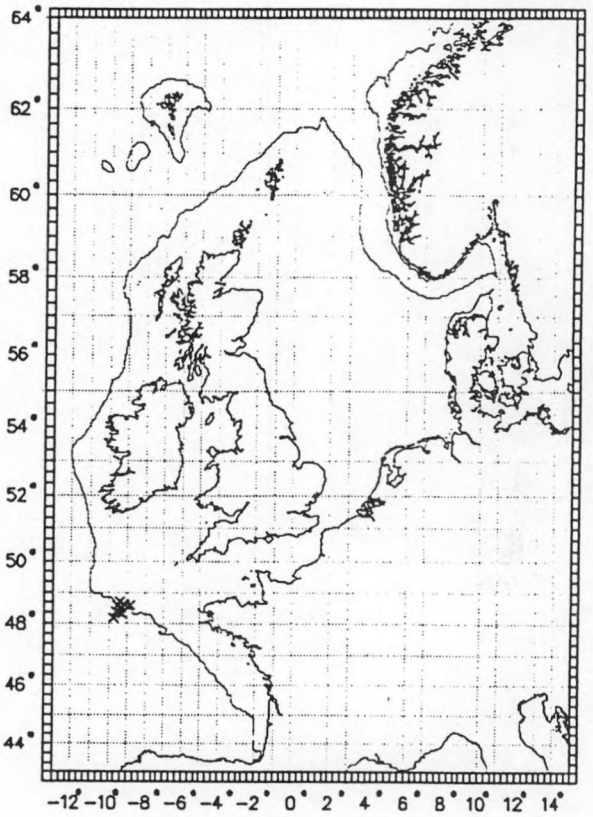
UNITS : MYMOL/L

NO. OF POSITIONS : 10

NO. OF DATA : 89

MINIMUM : 0.18

MAXIMUM : 1.09



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

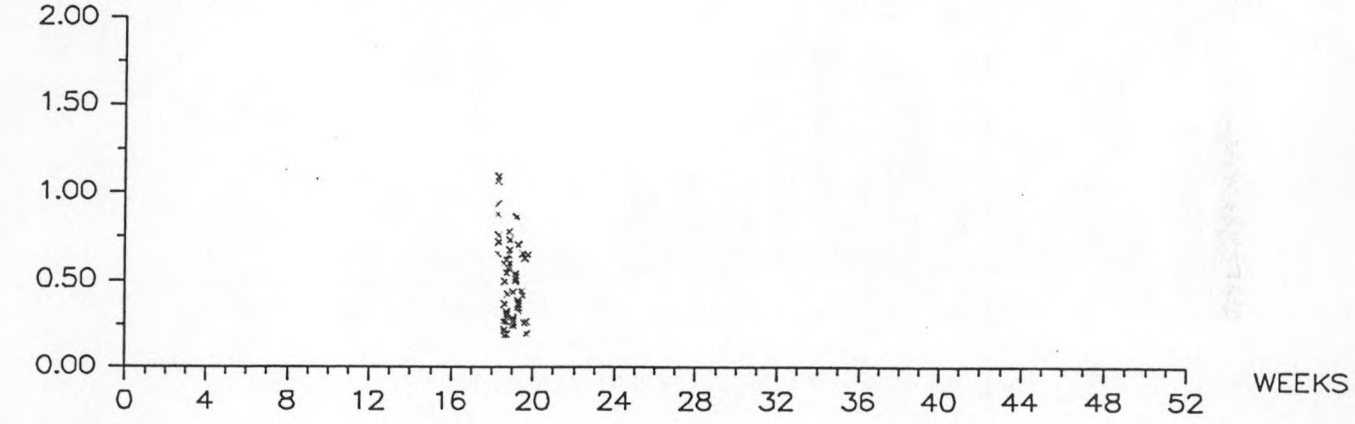
LAST WEEK : 53

DEPTH–RANGE

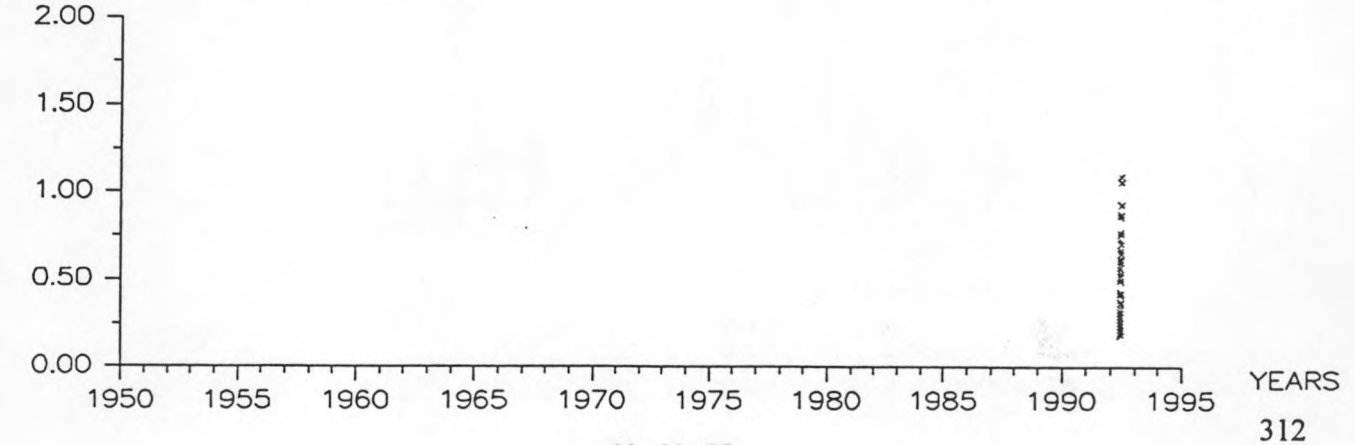
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

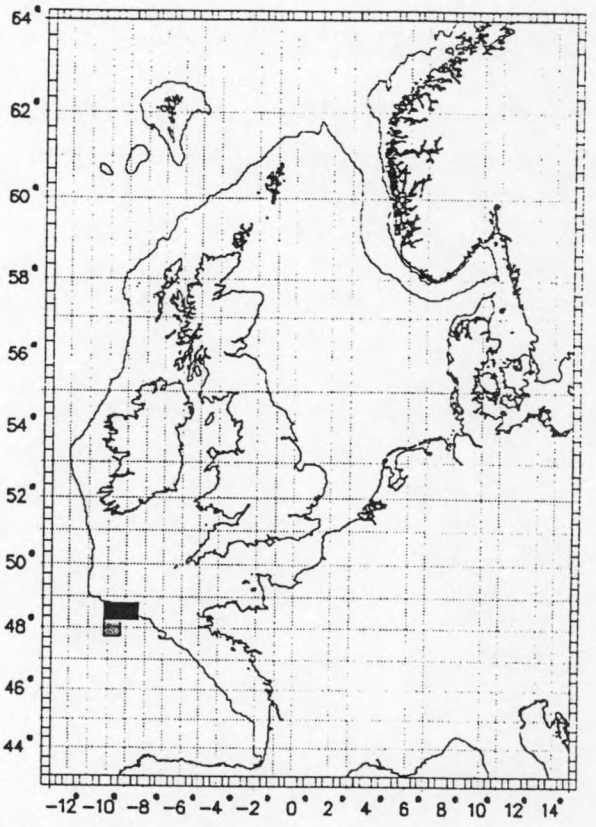


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001032001
ENAME : Joint, I./Plymouth
UNITS : MYMOL/L
NO. OF DATA : 89
NO. OF POSITIONS : 10



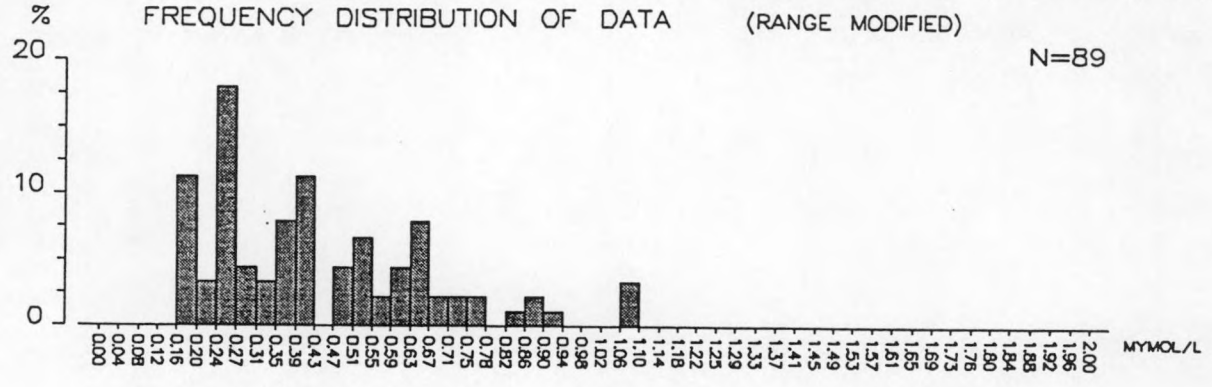
NO. OF DATA/AREA :
(without longterm data series !)

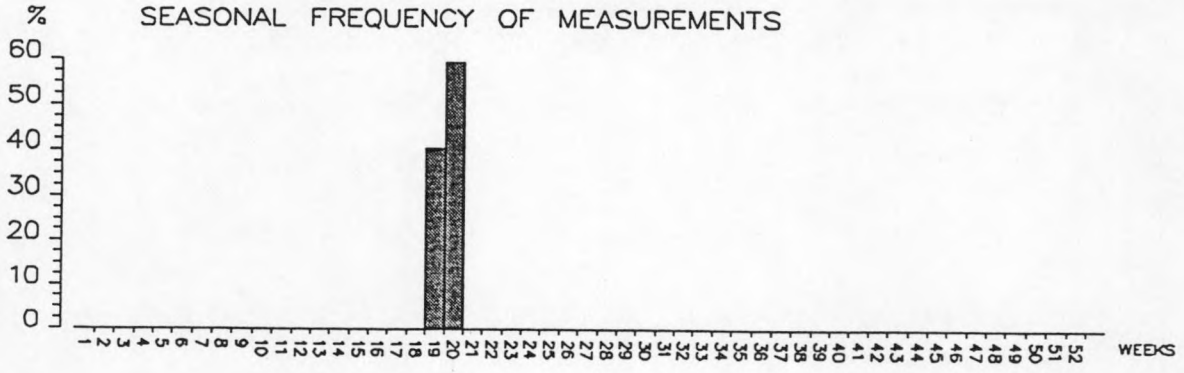
< 44	< 18
< 37	< 12
< 31	< 6
< 25	= 0

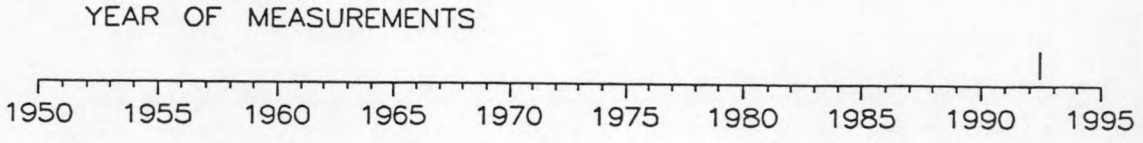
MINIMUM : 0.18
MAXIMUM : 1.09

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







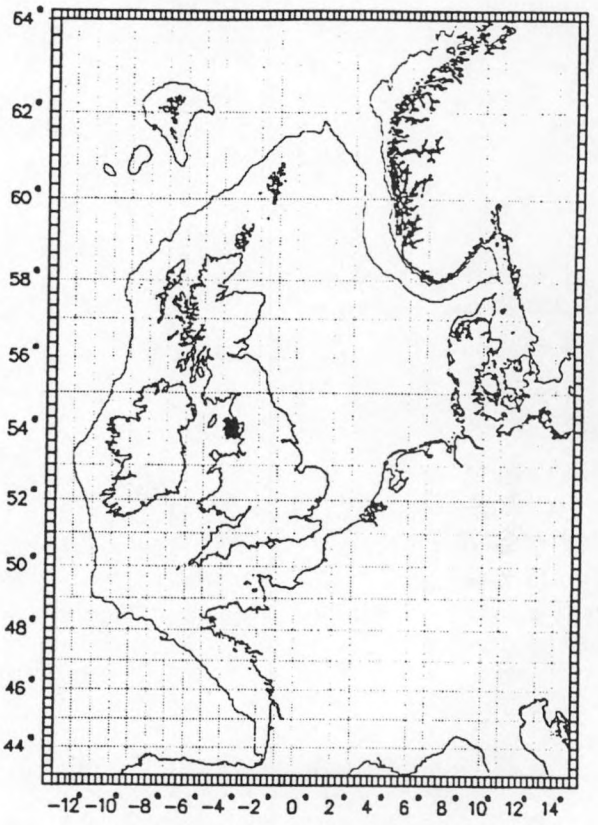
96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001032001
ENAME : Howland, R./Plymouth
UNITS : MYMOL/L
NO. OF POSITIONS : 70
NO. OF DATA : 214
MINIMUM : 0.93
MAXIMUM : 2.26

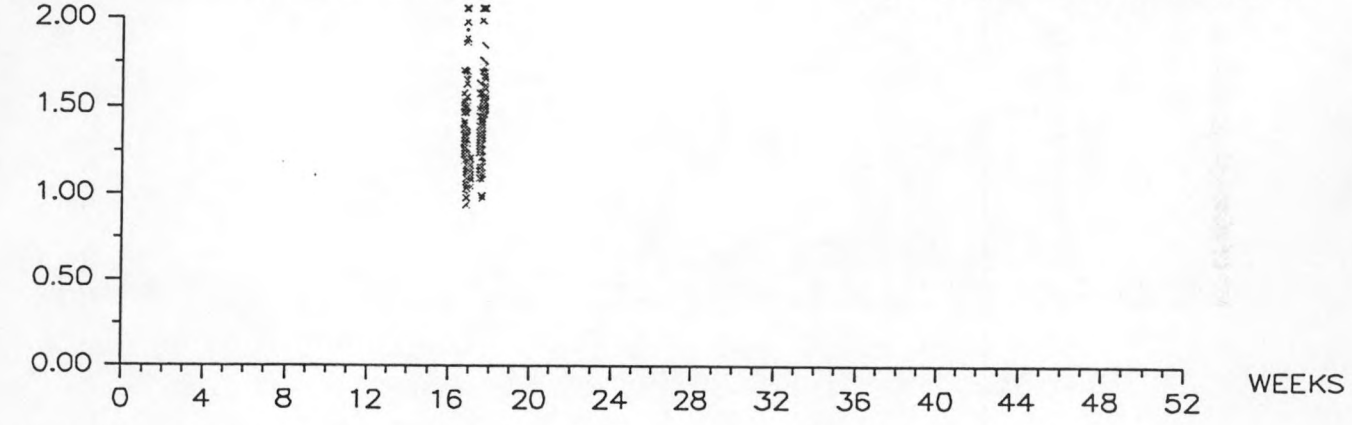


NO. OF DATA OUT OF RANGE : 5

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

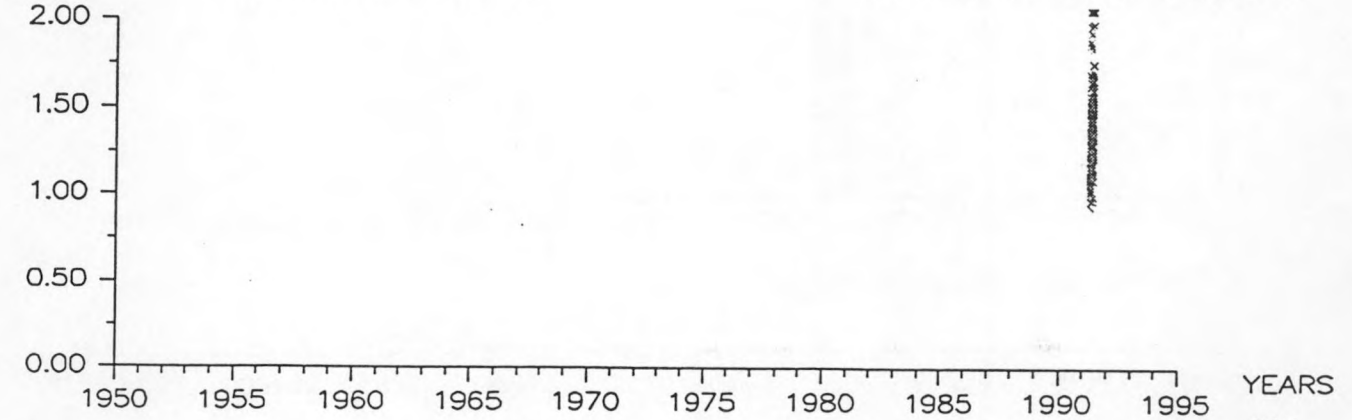
DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 5

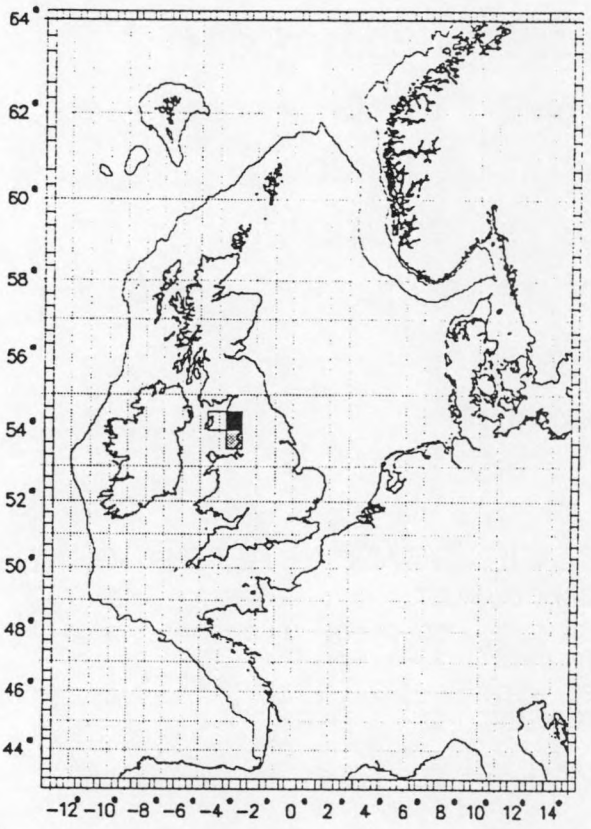


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001032001
ENAME : Howland, R./Plymouth
UNITS : MYMOL/L
NO. OF DATA : 214
NO. OF POSITIONS : 70



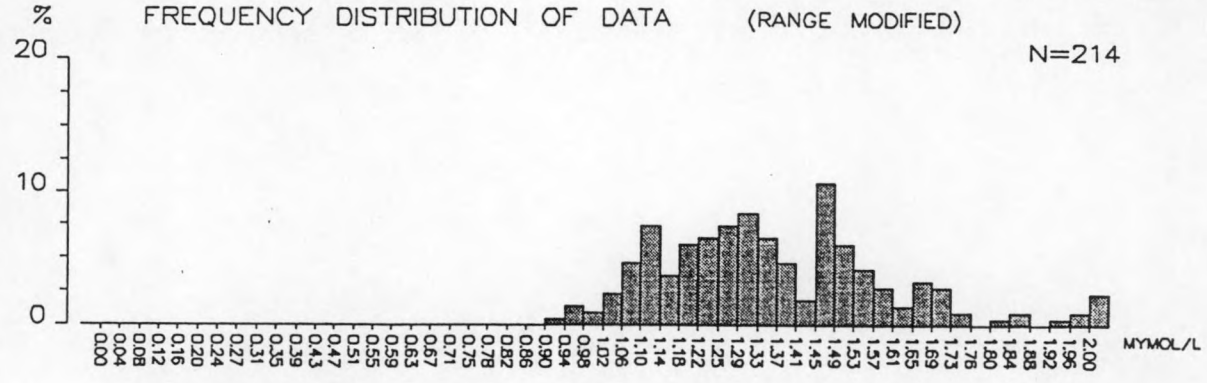
NO. OF DATA/AREA :
(without longterm data series !)

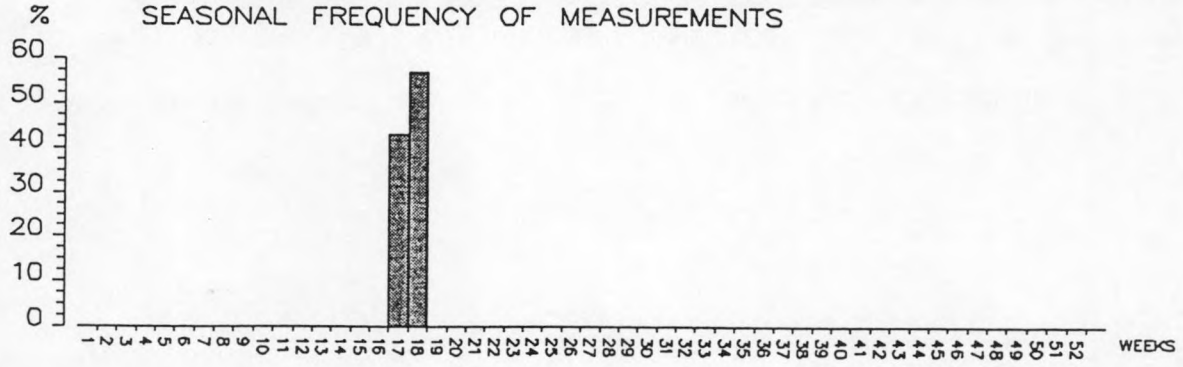
< 167	< 71
< 143	< 47
< 119	< 23
< 95	= 0

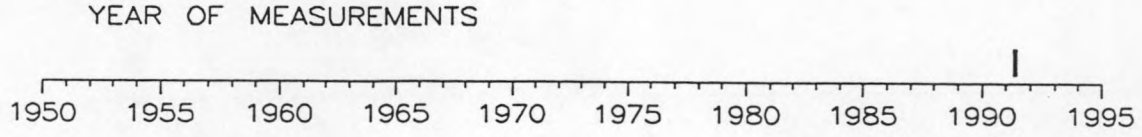
MINIMUM : 0.93
MAXIMUM : 2.26

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–05

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001010001

ENAME : RWS / Laane, R.

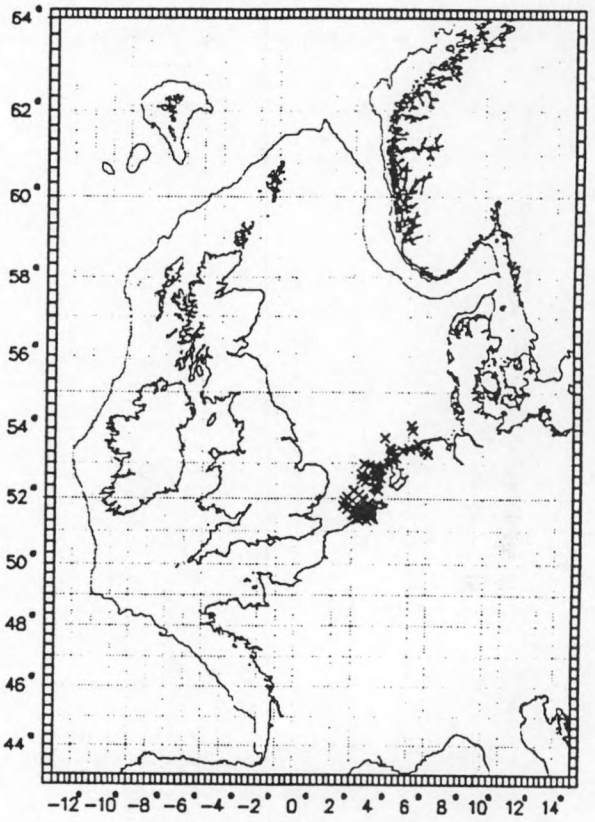
UNITS : MYMOL/L

NO. OF POSITIONS : 81

NO. OF DATA : 13412

MINIMUM : 0.03

MAXIMUM : 87.17



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

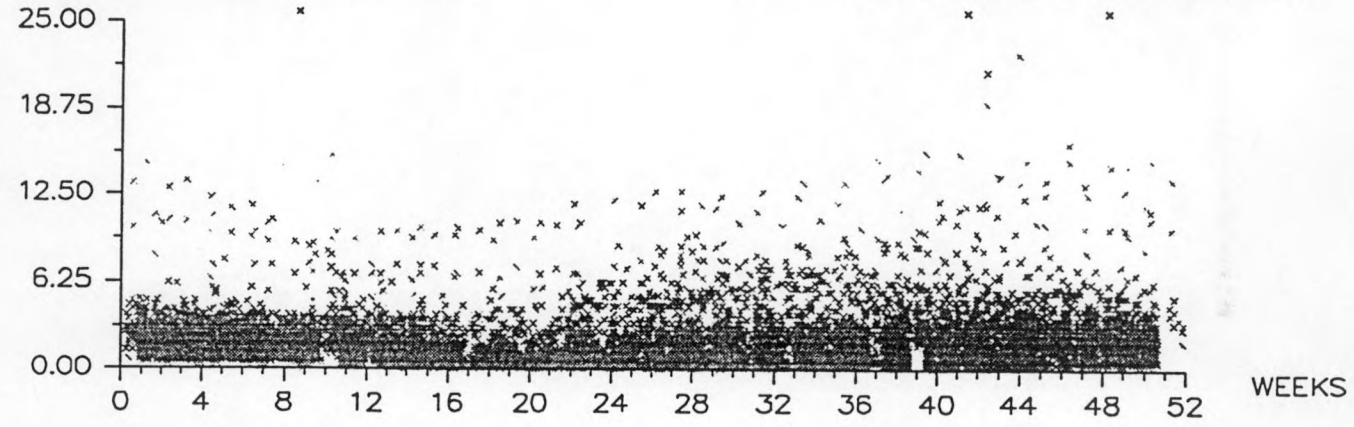
DEPTH–RANGE

UPPER : 0

LOWER : 2000

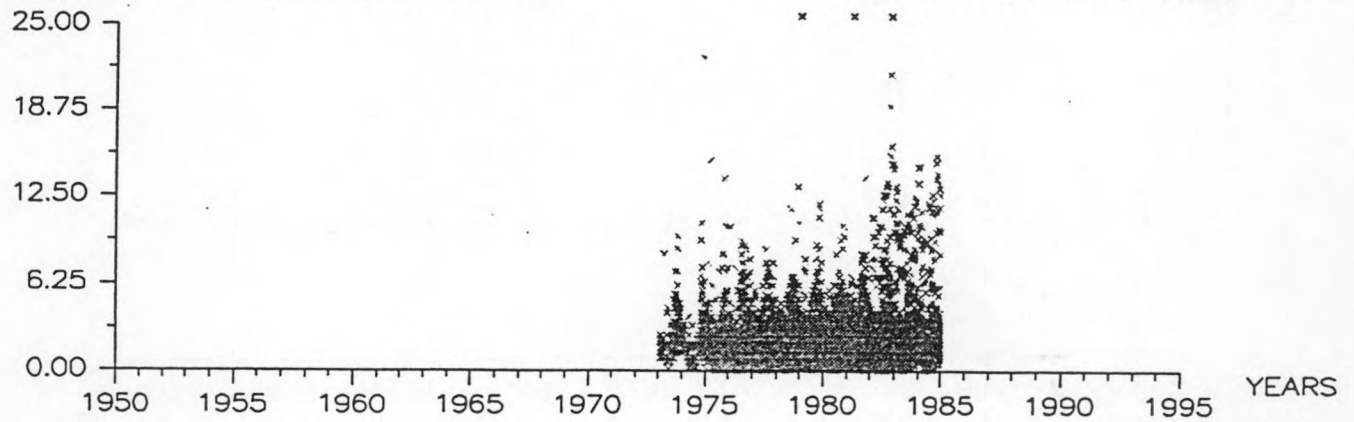
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 9



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 9



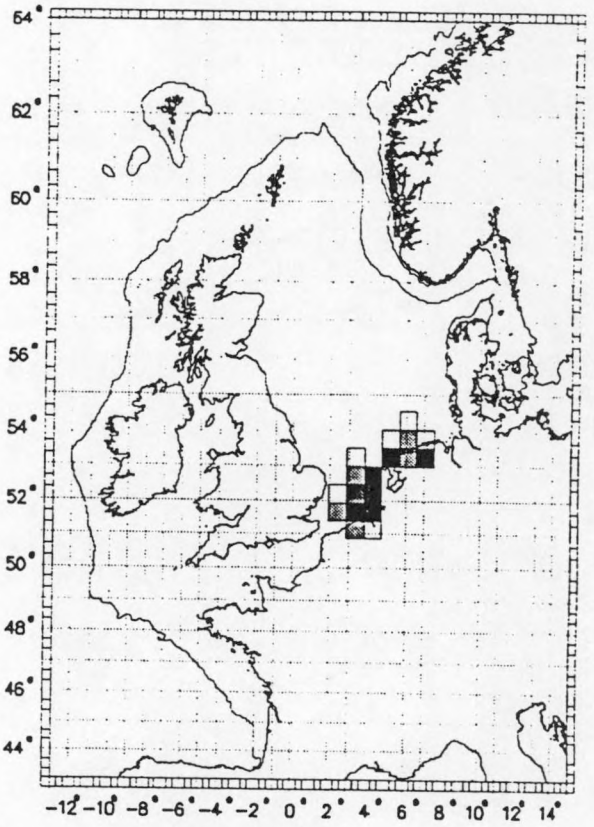
97–06–09

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001010001
ENAME : RWS / Laane, R.
UNITS : MYMOL/L
NO. OF DATA : 13412
NO. OF POSITIONS : 81



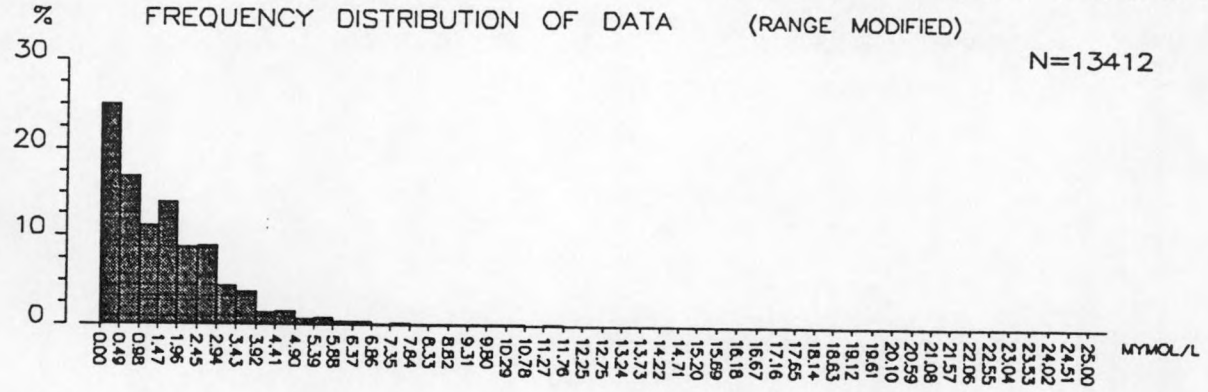
NO. OF DATA/AREA :
(without longterm data series !)

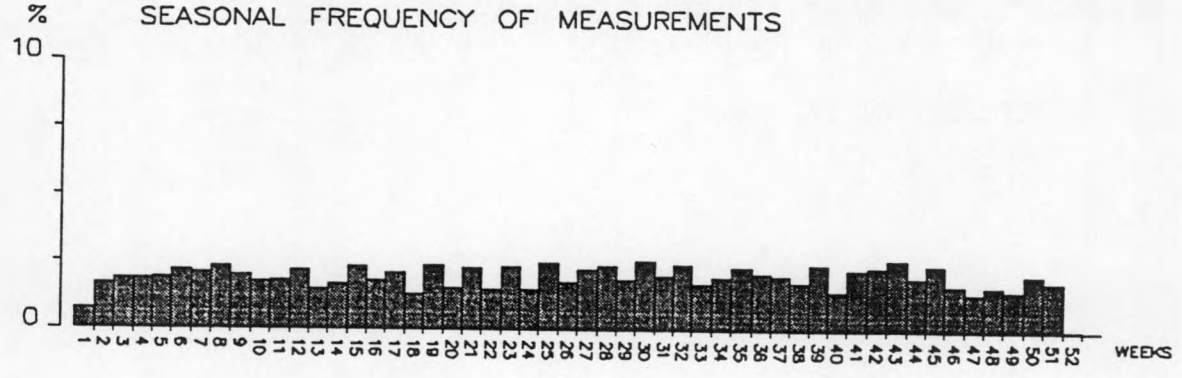
<	2444	<	1047
<	2094	<	698
<	1745	<	349
<	1396	=	0

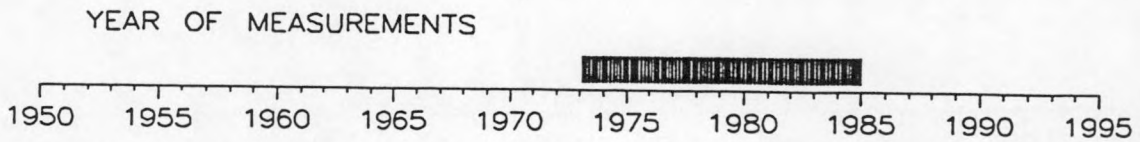
MINIMUM : 0.03
MAXIMUM : 87.17

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (P04)

PCODE : 5001010095

ENAME : RWS / Laane, R.

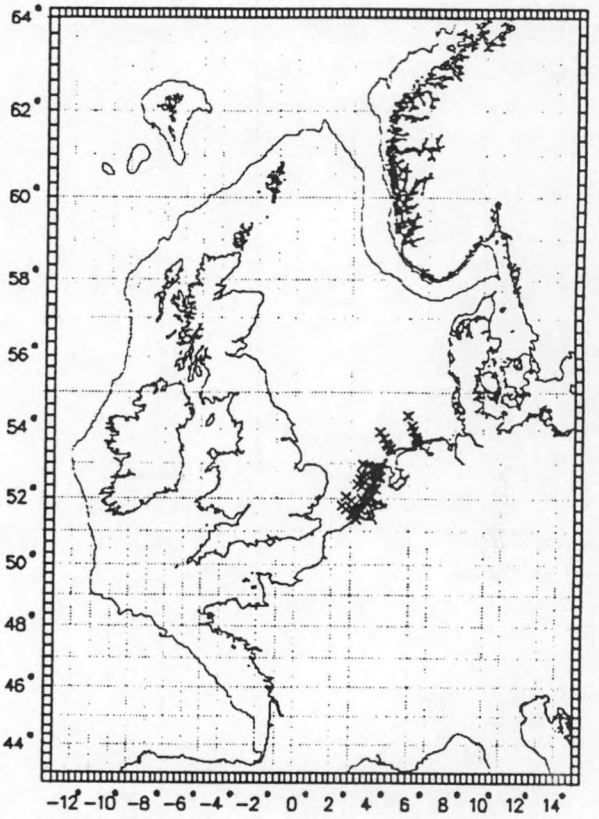
UNITS : MYMOL/L

NO. OF POSITIONS : 72

NO. OF DATA : 722

MINIMUM : 0.00

MAXIMUM : 17.04



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

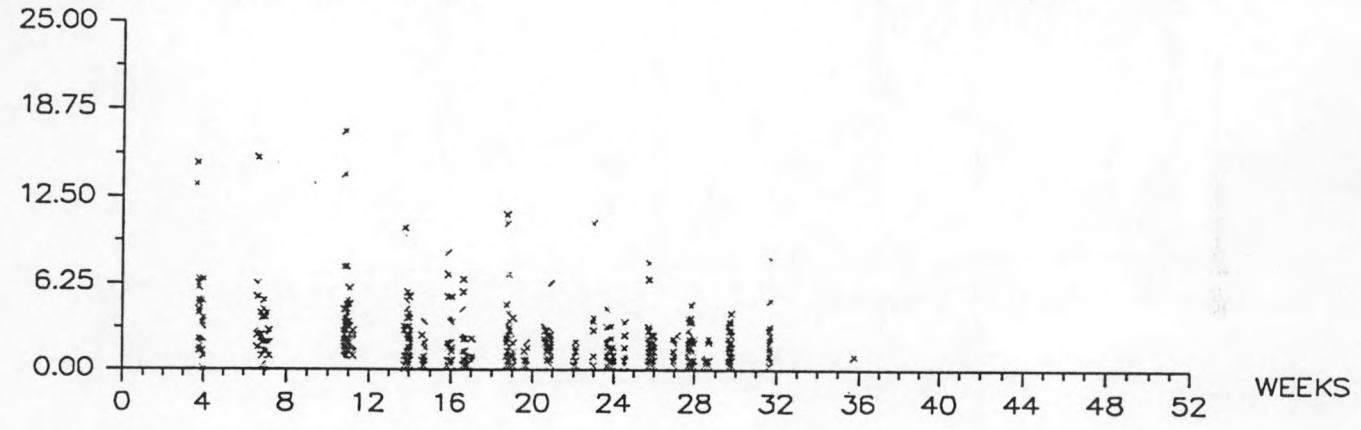
LAST WEEK : 53

DEPTH–RANGE

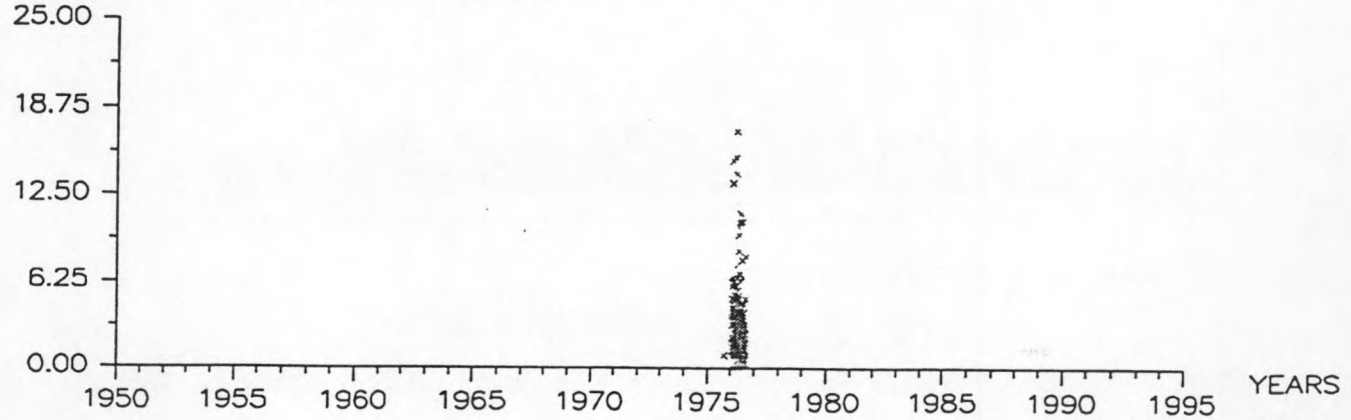
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

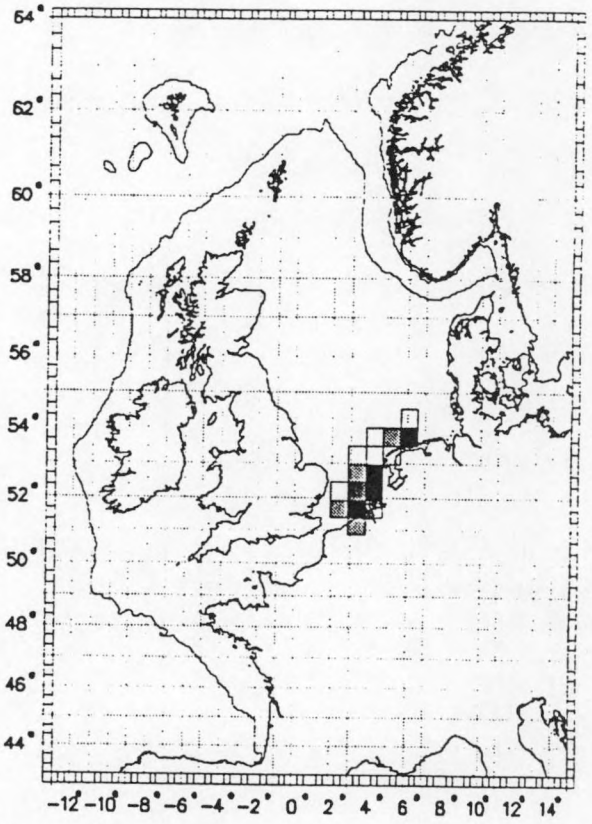


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001010095
ENAME : RWS / Laane, R.
UNITS : MYMOL/L
NO. OF DATA : 722
NO. OF POSITIONS : 72



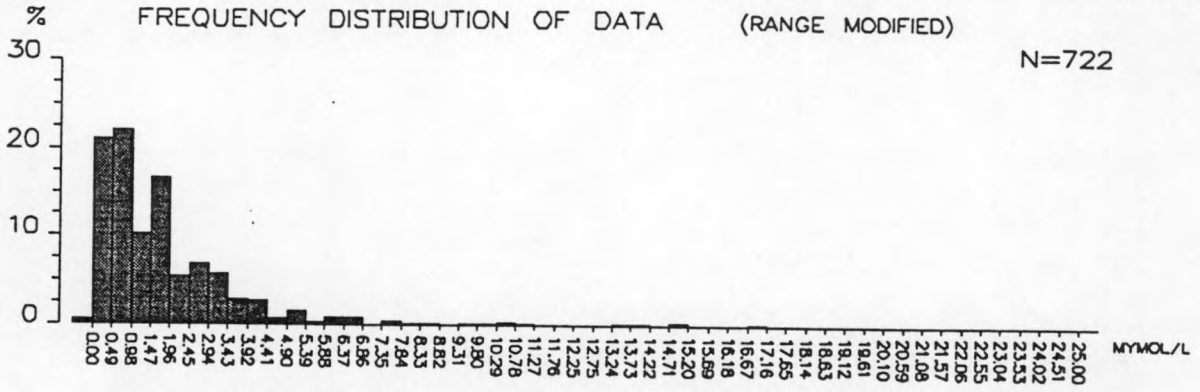
NO. OF DATA/AREA :
(without longterm data series !)

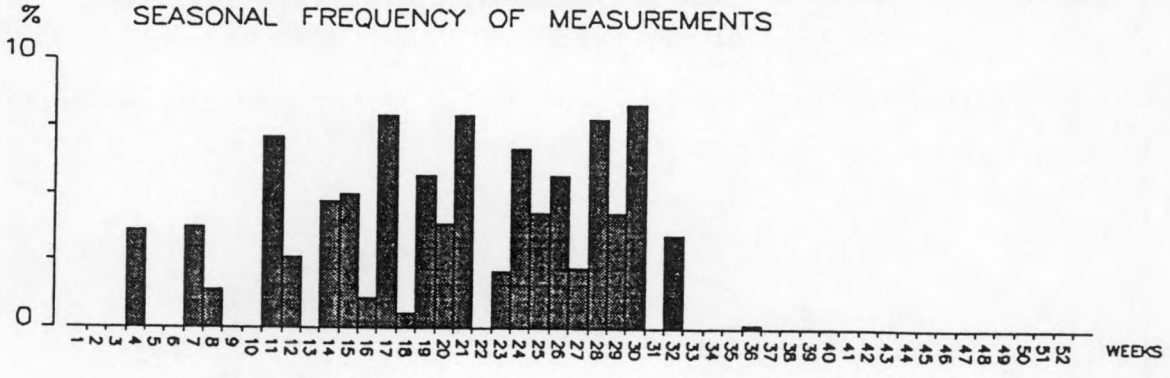
< 157	< 67
< 134	< 44
< 112	< 22
< 89	= 0

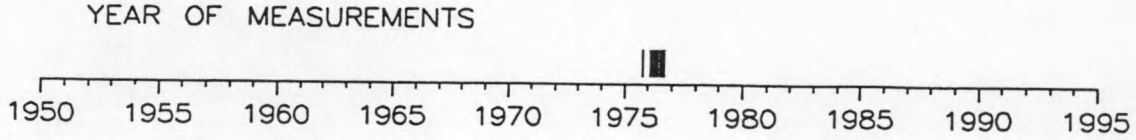
MINIMUM : 0.00
MAXIMUM : 17.04

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001012601

ENAME : RWS / Laane, R.

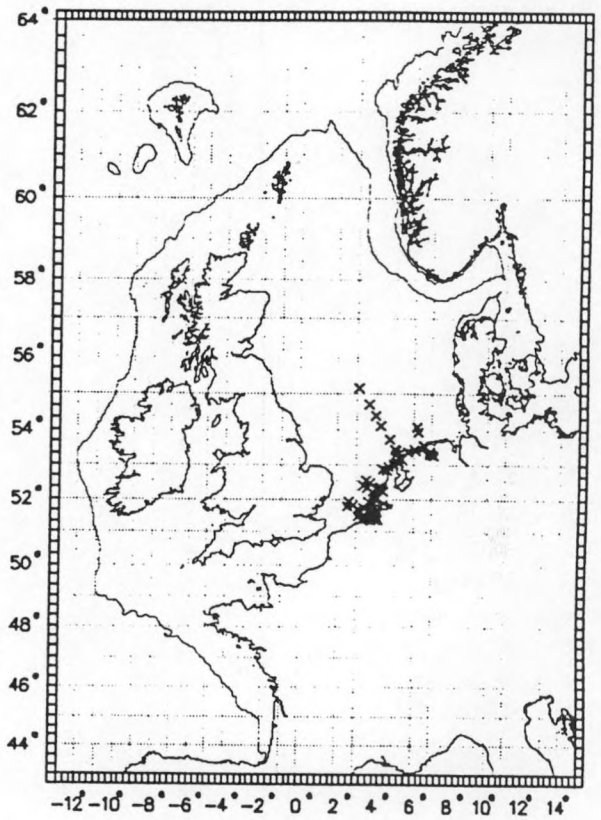
UNITS : MYMOL/L

NO. OF POSITIONS : 75

NO. OF DATA : 8283

MINIMUM : 0.03

MAXIMUM : 55.85



NO. OF DATA OUT OF RANGE : 3

× × ×

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

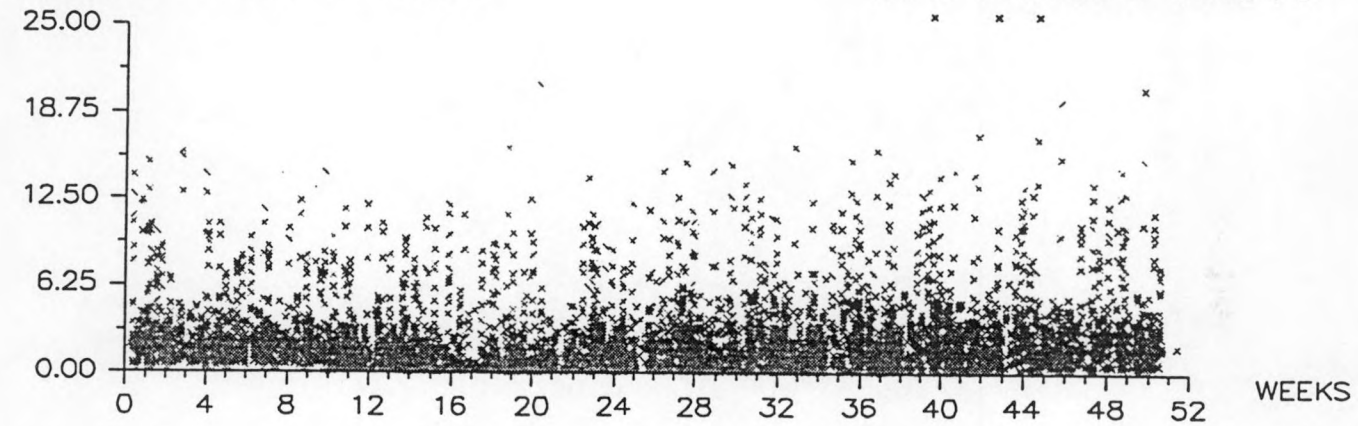
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000

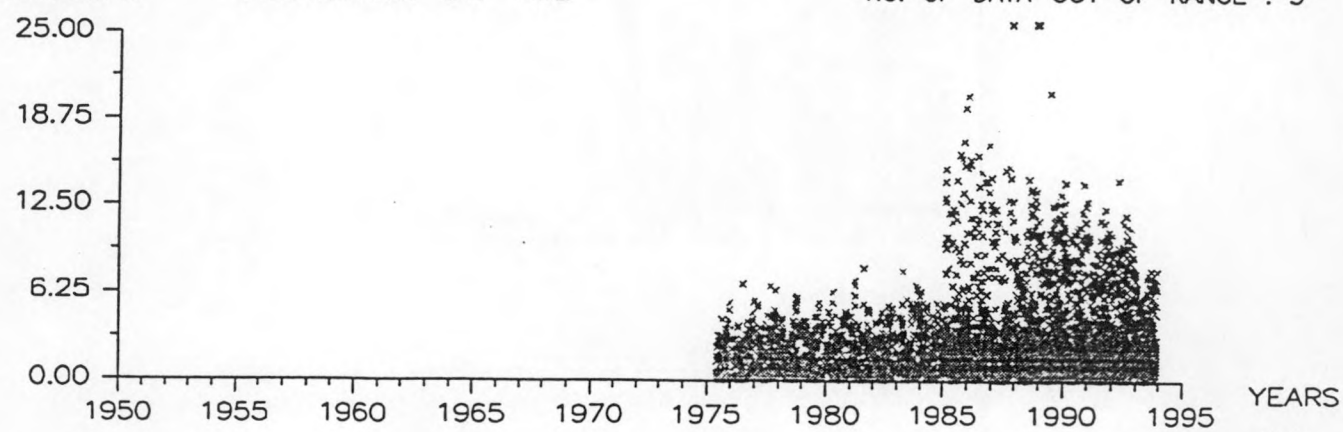
MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 3

× ×

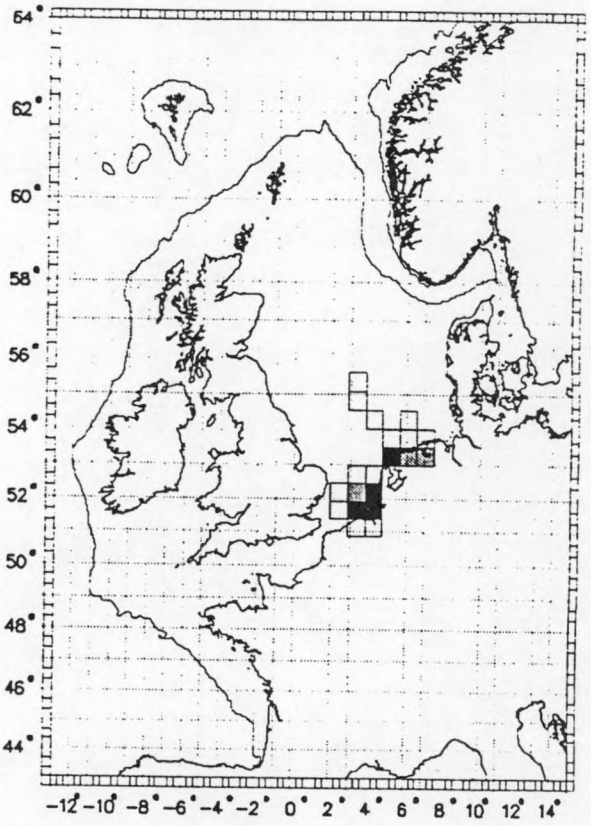


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001012601
ENAME : RWS / Laane, R.
UNITS : MYMOL/L
NO. OF DATA : 8283
NO. OF POSITIONS : 75



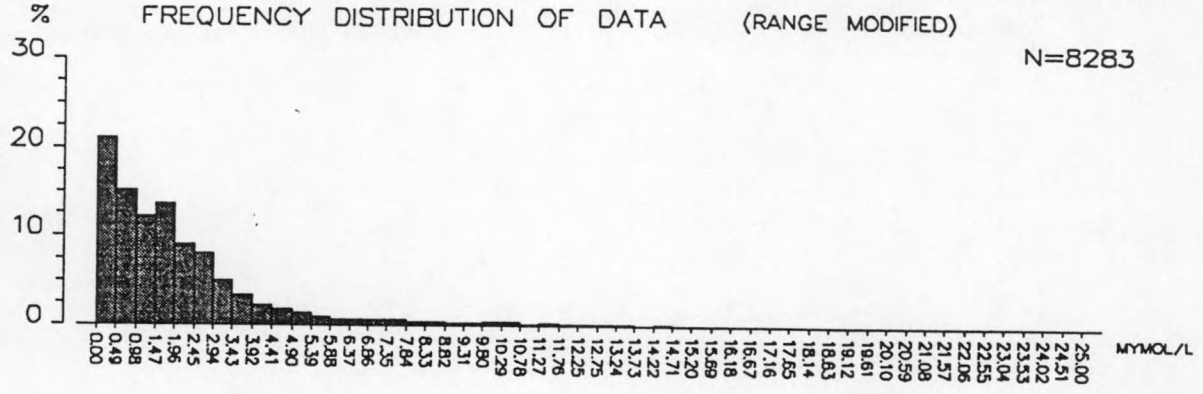
NO. OF DATA/AREA :
(without longterm data series !)

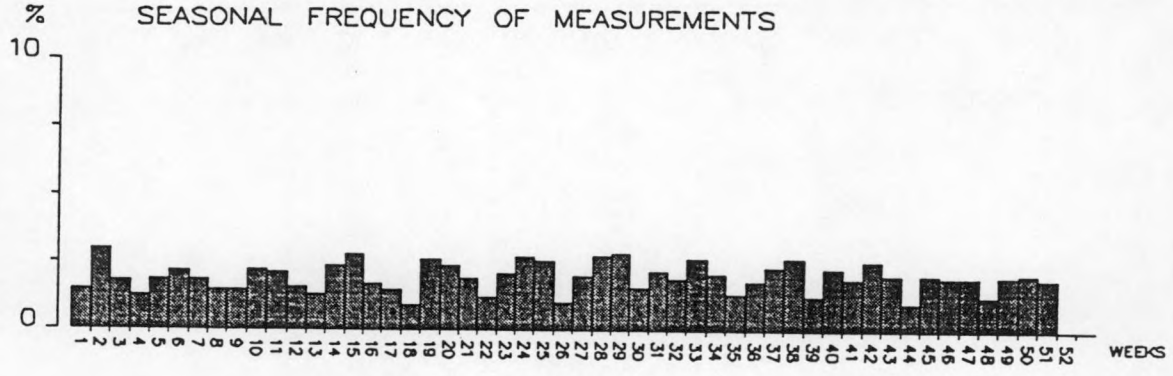
< 2296	< 984
< 1968	< 656
< 1640	< 328
< 1312	= 0

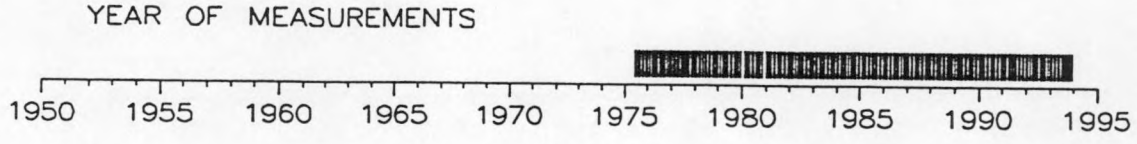
MINIMUM : 0.03
MAXIMUM : 55.85

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001010001

ENAME : RWS–RIZA

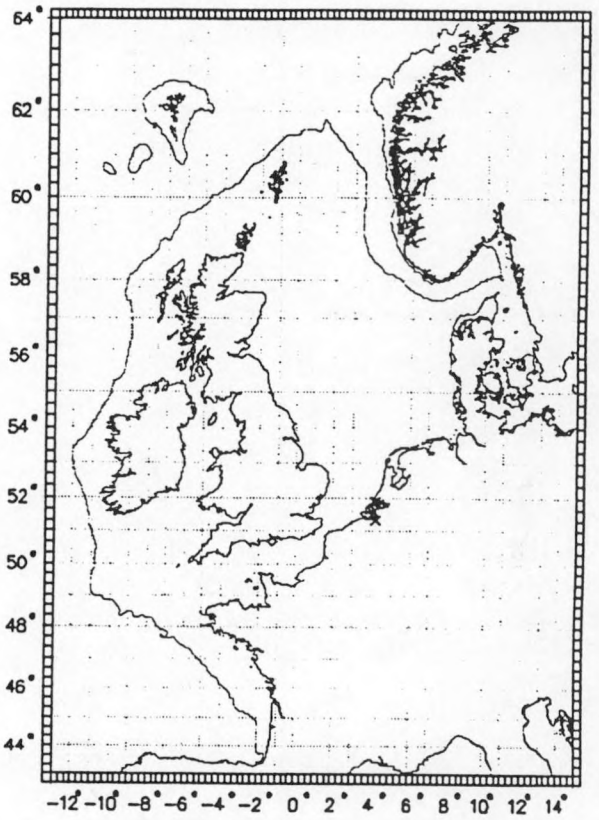
UNITS : MYMOL/L

NO. OF POSITIONS : 2

NO. OF DATA : 753

MINIMUM : 1.61

MAXIMUM : 36.16



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

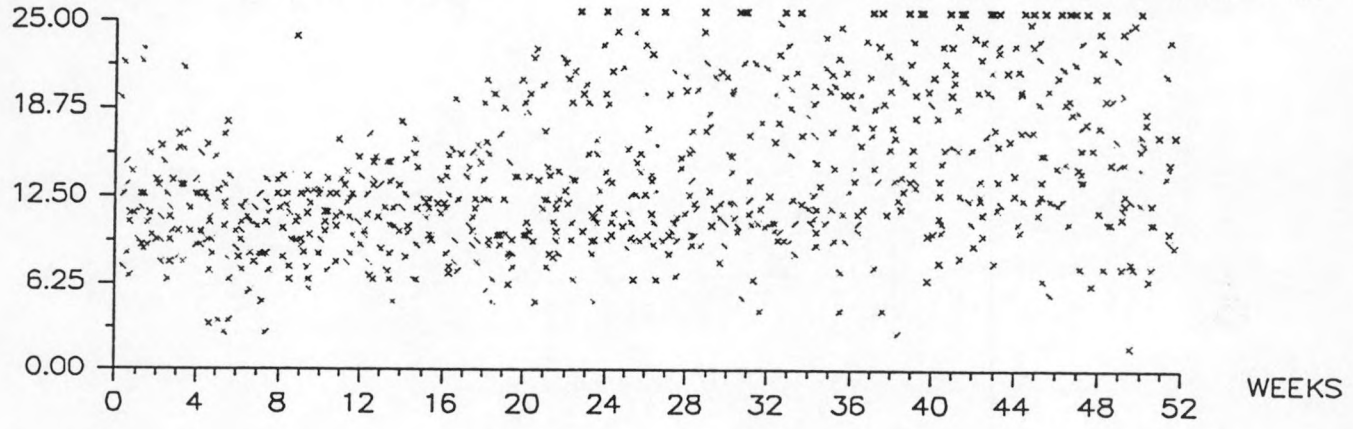
DEPTH–RANGE

UPPER : 0

LOWER : 2000

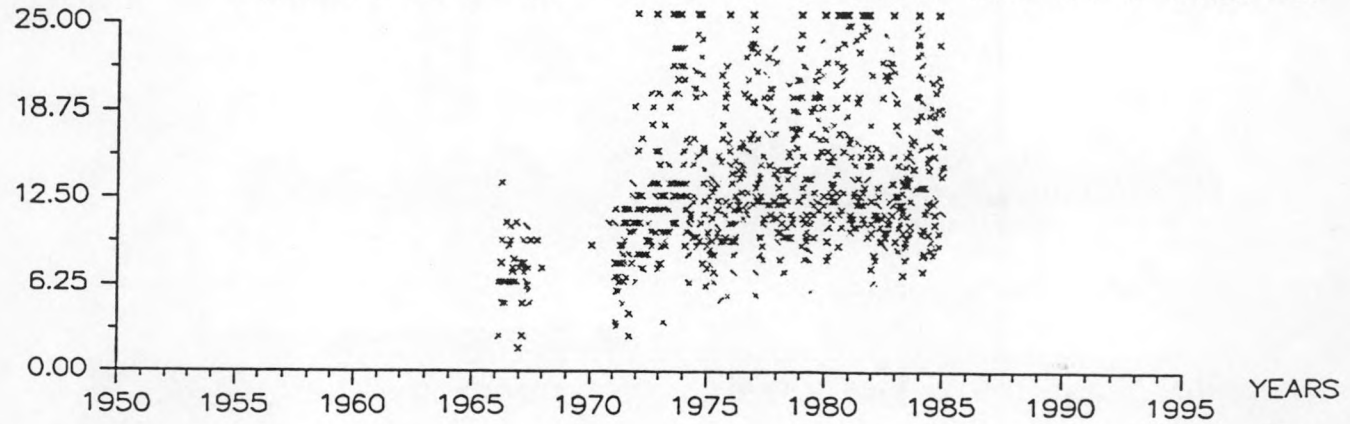
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 32



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 32

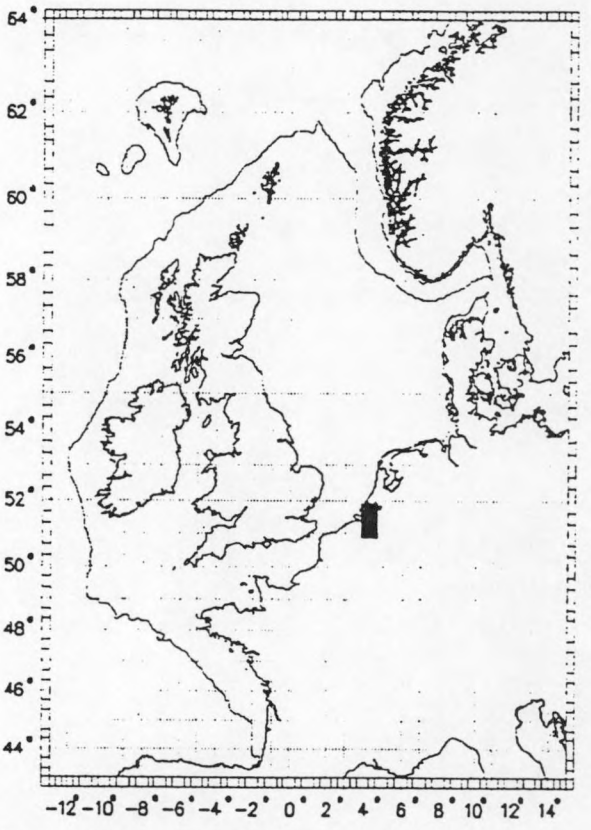


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001010001
ENAME : RWS–RIZA
UNITS : MYMOL/L
NO. OF DATA : 753
NO. OF POSITIONS : 2



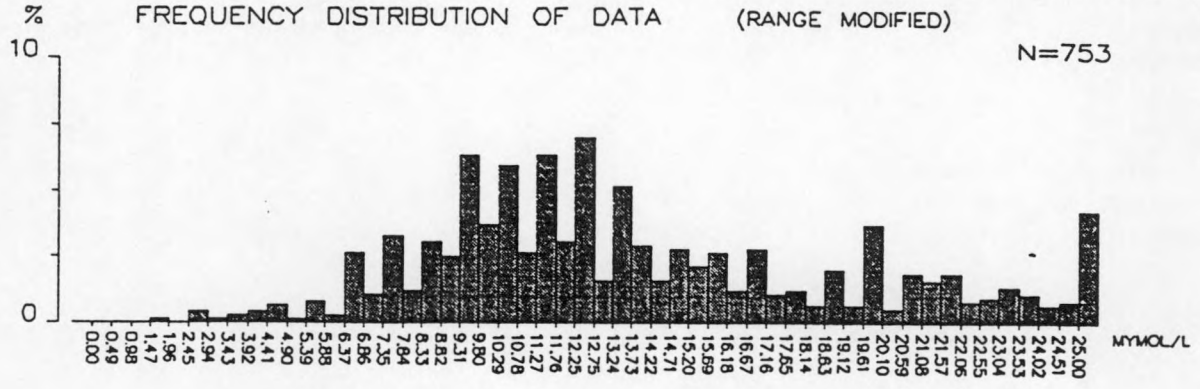
NO. OF DATA/AREA :
(without longterm data series !)

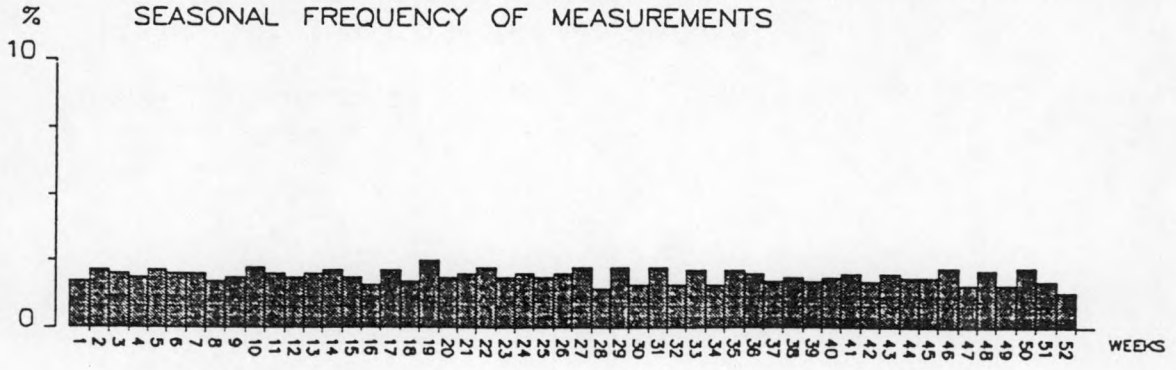
< 384	< 164
< 329	< 109
< 274	< 54
< 219	= 0

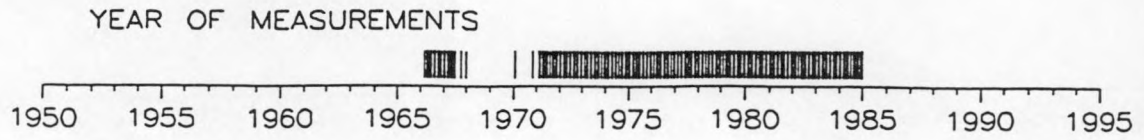
MINIMUM : 1.61
MAXIMUM : 36.16

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

PHOSPHATE–P (PO4)

PCODE : 5001012601

ENAME : RWS–RIZA

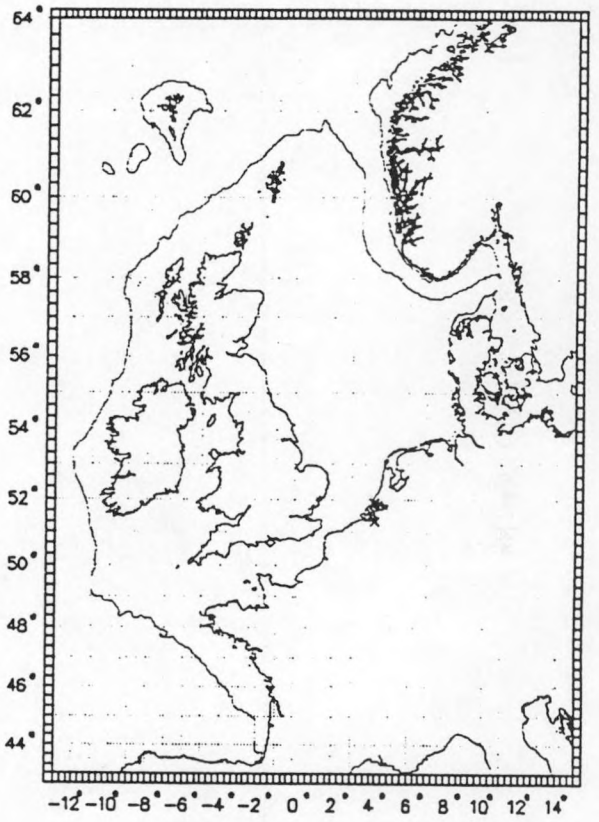
UNITS : MYMOL/L

NO. OF POSITIONS : 2

NO. OF DATA : 470

MINIMUM : 1.39

MAXIMUM : 26.86



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

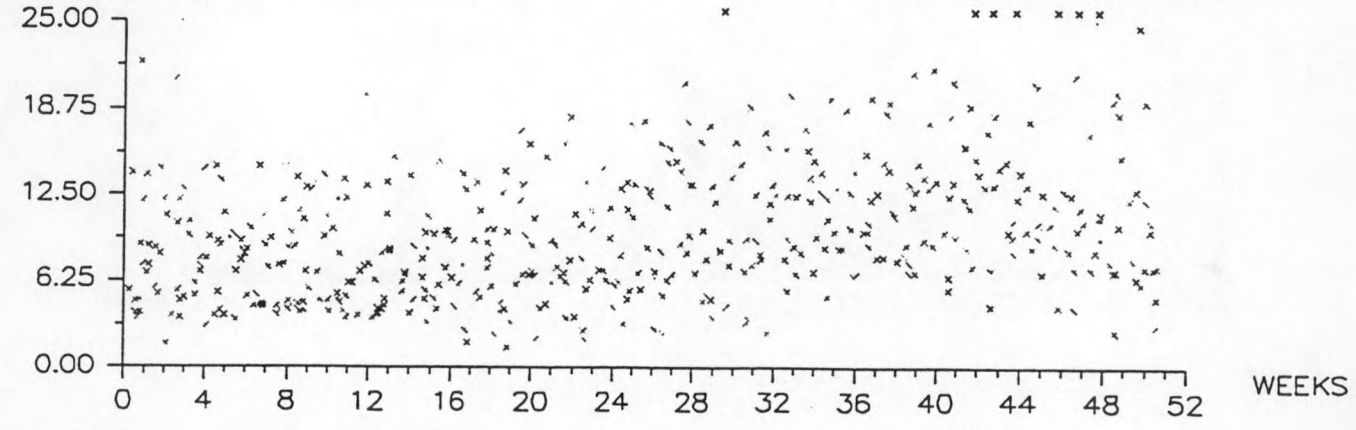
DEPTH–RANGE

UPPER : 0

LOWER : 2000

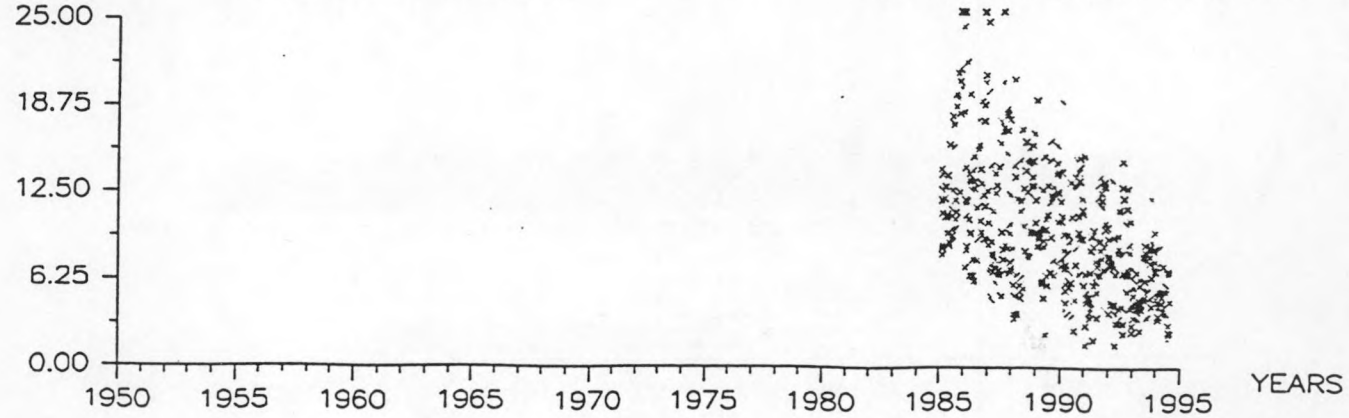
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 7



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 7

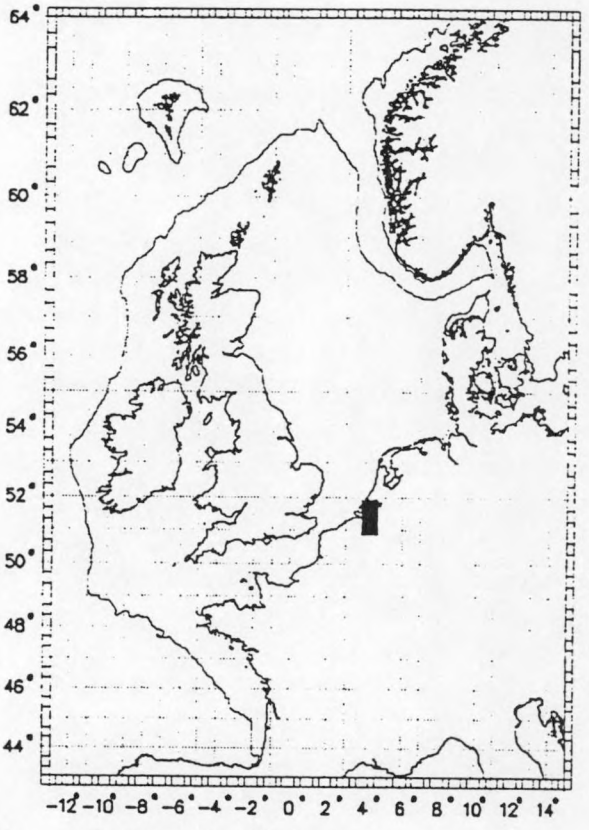


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

PHOSPHATE–P (PO4)

PCODE : 5001012601
ENAME : RWS–RIZA
UNITS : MYMOL/L
NO. OF DATA : 470
NO. OF POSITIONS : 2



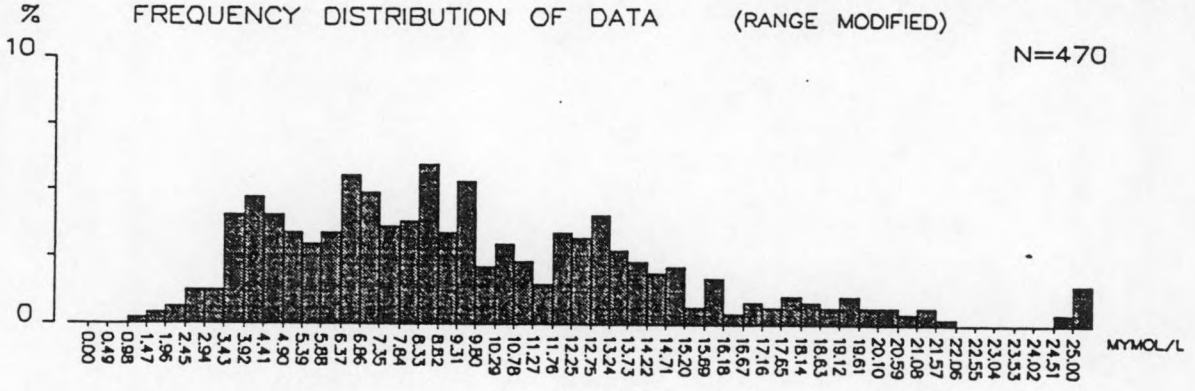
NO. OF DATA/AREA :
(without longterm data series !)

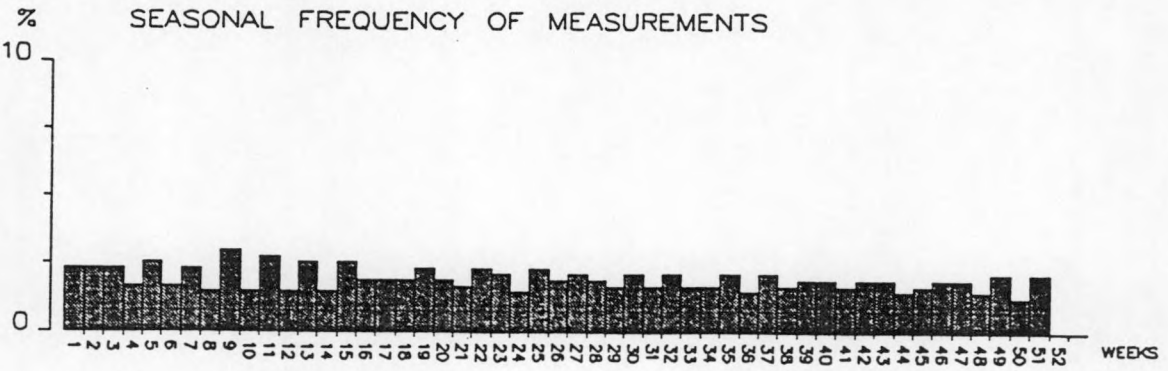
< 235	< 100
< 201	< 67
< 167	< 33
< 134	= 0

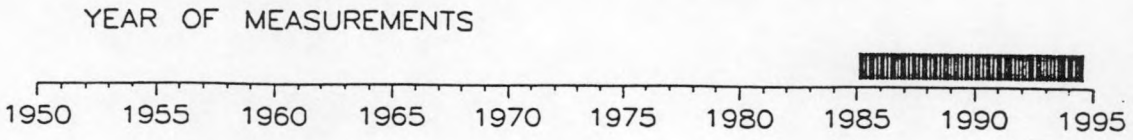
MINIMUM : 1.39
MAXIMUM : 26.86

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







6.4 Nitrate

PCODE	Originator	Number of data
5002030096	BAH / Hickel, W.	1620
5002030096	DOD	1632
5002030001	GPI / Lammers, S.	308
5002010001	HELCOM	14540
5002010001	ICES	21265
5002030096	ICES	7192
5002030098	ICES	722
5002030099	ICES	4286
5002030096	ICES / YFS data	718
5002030096	ICES / SMHI data	6747
5002036601	IMR / Danielssen, D. S.	12748
5002016601	IMR / Hageboe M., Foyn, L.	53366
5002020001	IOCB / Brockmann, U.	1491
5002020101	IOW	224
5002030097	IOW	19608
5002035101	MBA / Southward, A.J.	1722
5002101501	MUMM_O	91
5002014801	PEML / Slinn, D.J. Allen, J.R.	2460
5002014901	PEML / Slinn, D.J. Allen, J.R.	62
5002015001	PEML / Slinn, D.J. Allen, J.R.	91
5002012301	RWS / Laane, R.	4567
5002030101	VUB / Elkens, M.	374

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002030096

ENAME : BAH/Hickel,W.

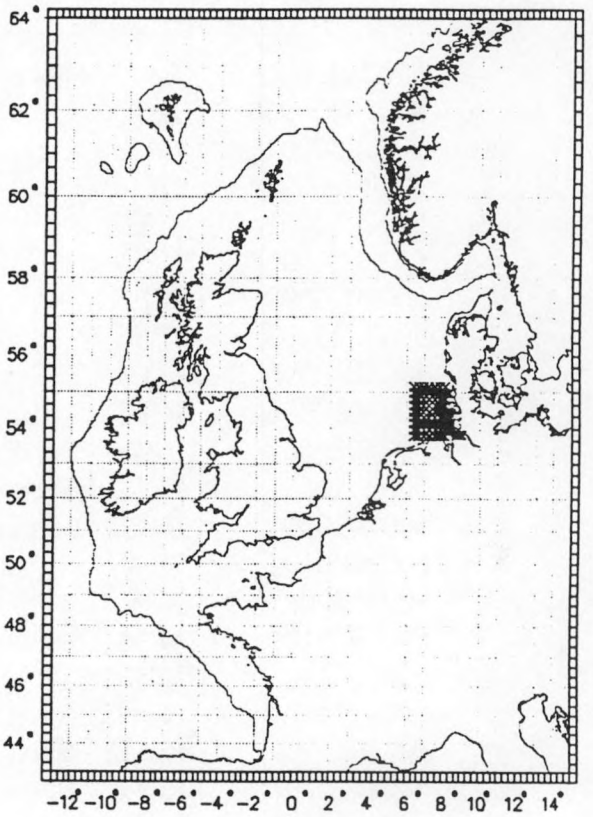
UNITS : MYMOL/L

NO. OF POSITIONS : 118

NO. OF DATA : 1620

MINIMUM : 0.00

MAXIMUM : 20.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

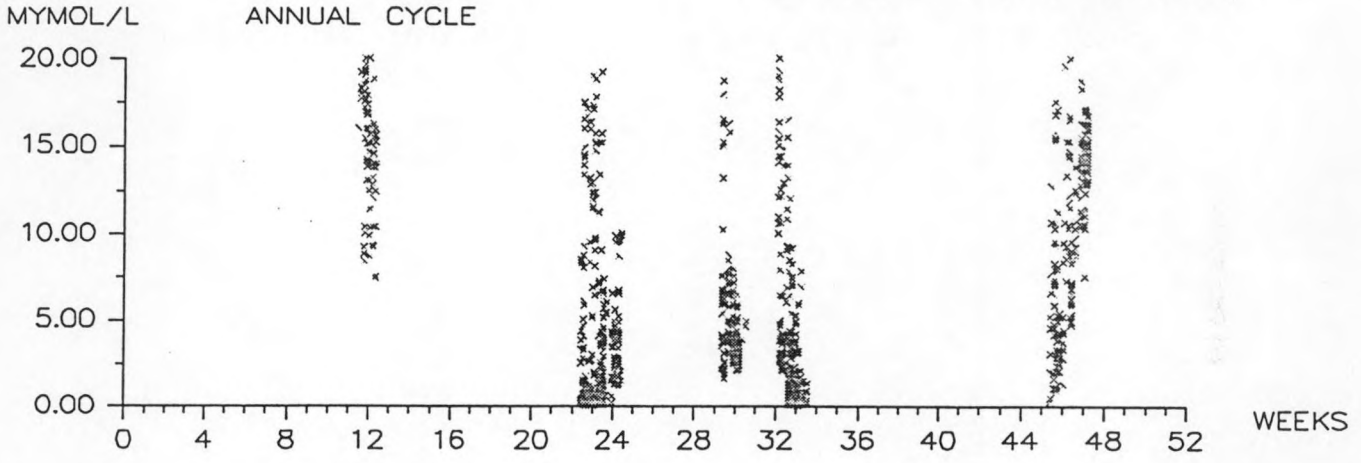
FIRST WEEK : 1

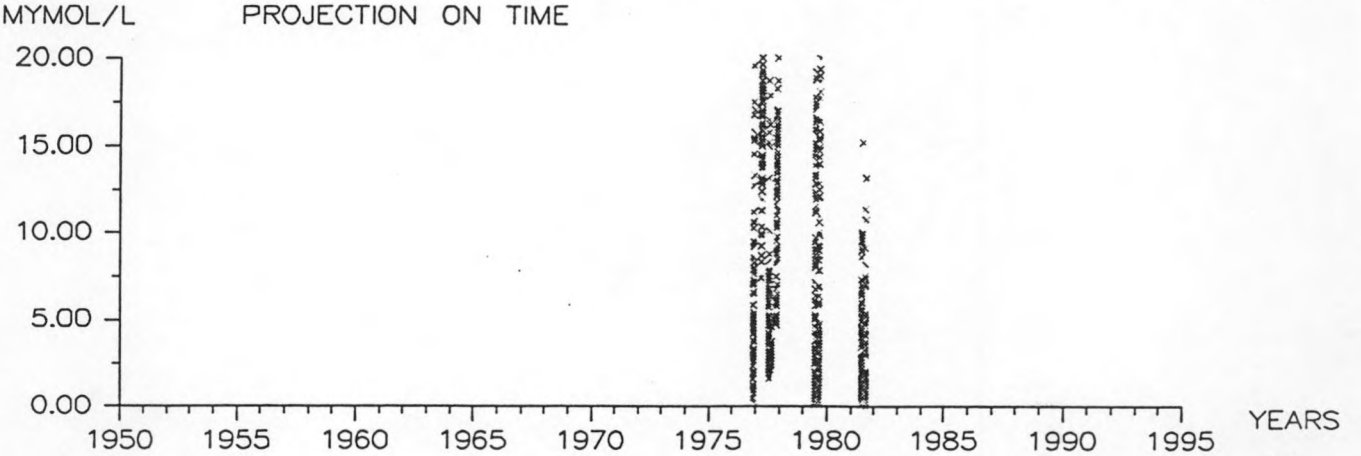
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





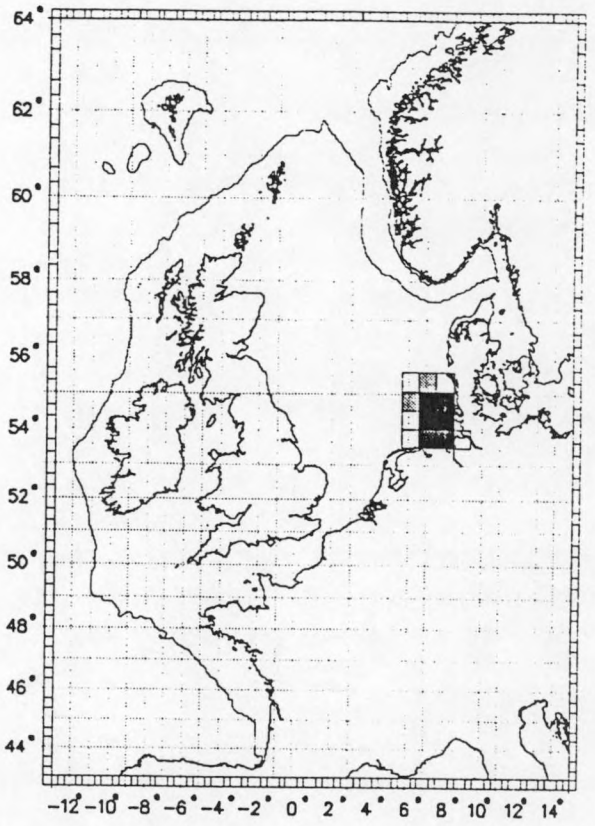
96–06–13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002030096
ENAME : BAH/Hickel,W.
UNITS : MYMOL/L
NO. OF DATA : 1620
NO. OF POSITIONS : 118



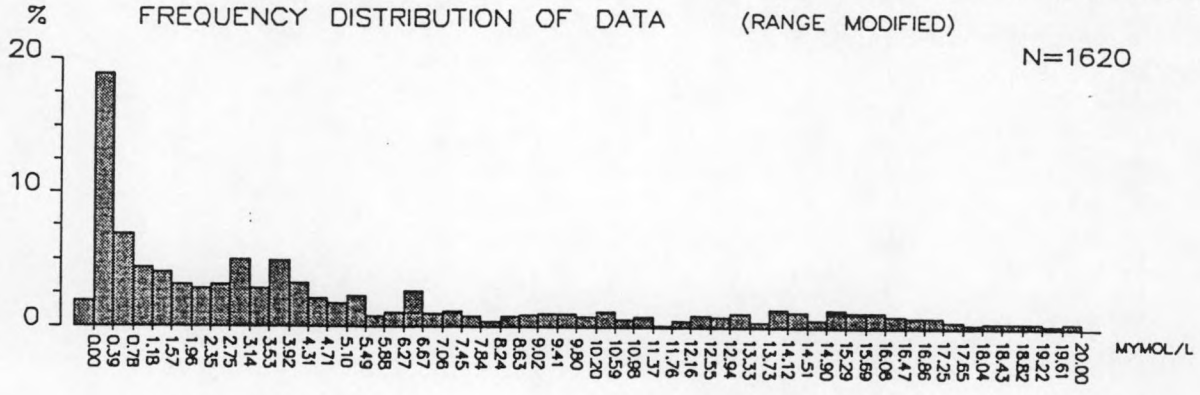
NO. OF DATA/AREA :
(without longterm data series !)

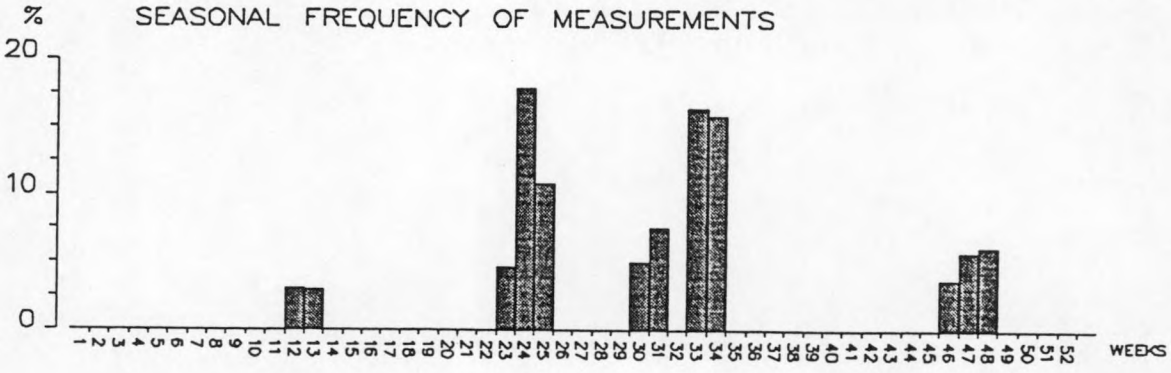
< 299	< 128
< 256	< 85
< 213	< 42
< 170	= 0

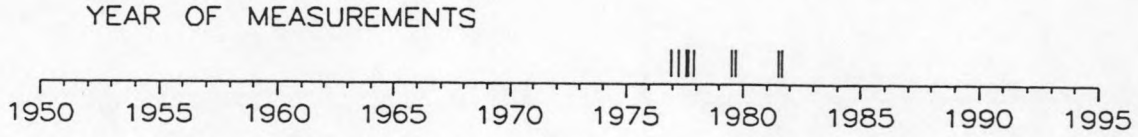
MINIMUM : 0.00
MAXIMUM : 20.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–13

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002030096

ENAME : DOD

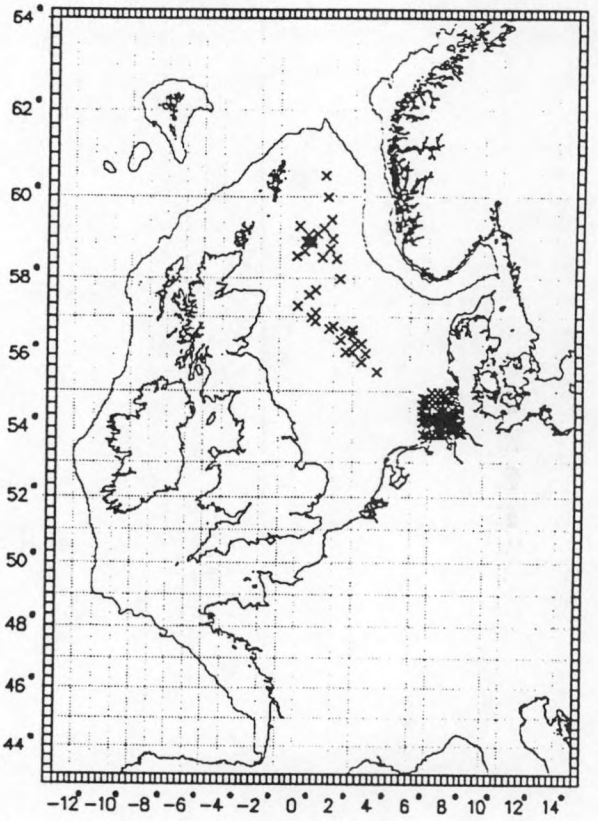
UNITS : MYMOL/L

NO. OF POSITIONS : 214

NO. OF DATA : 1632

MINIMUM : 0.00

MAXIMUM : 20.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

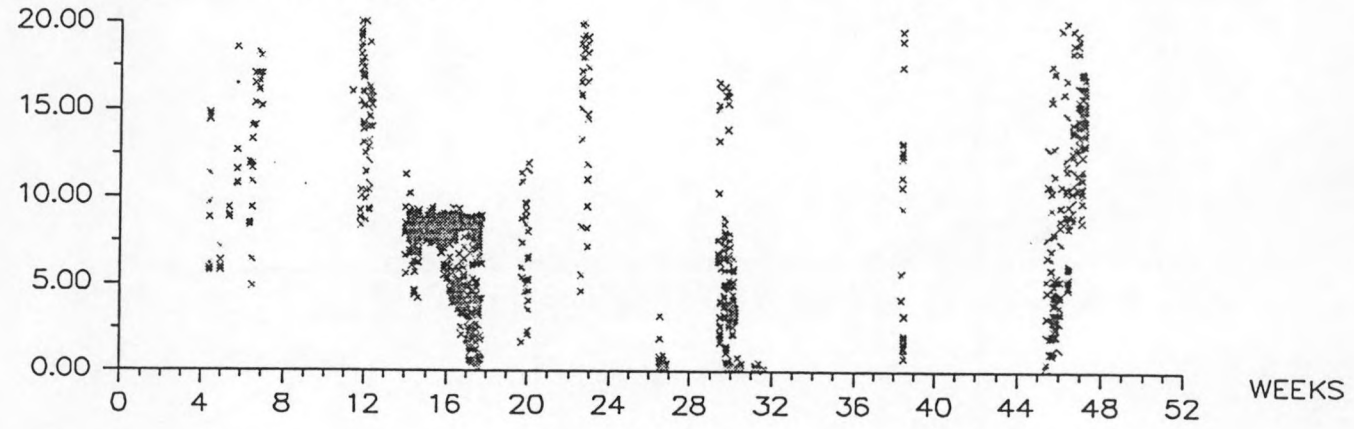
LAST WEEK : 53

DEPTH–RANGE

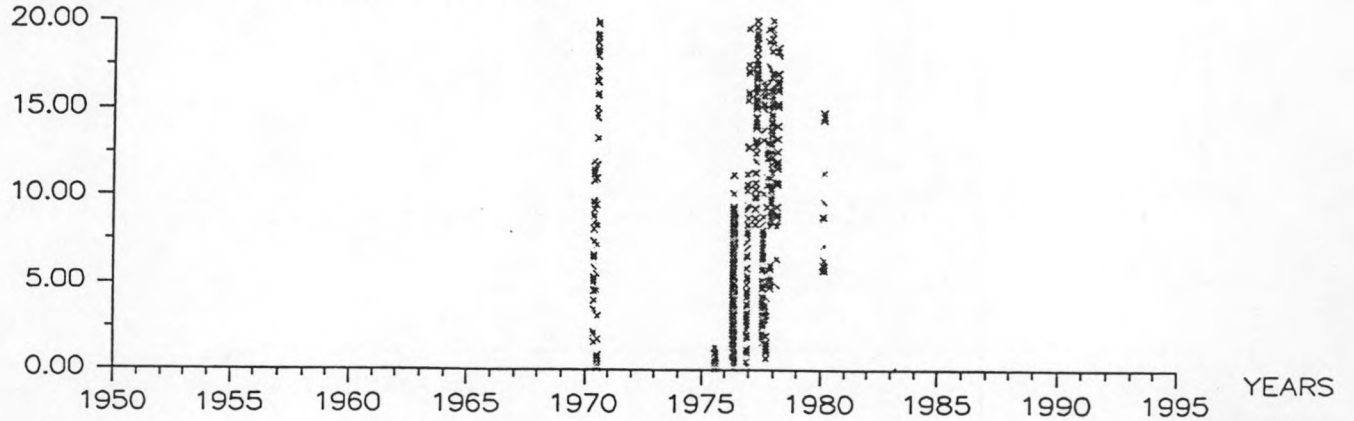
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

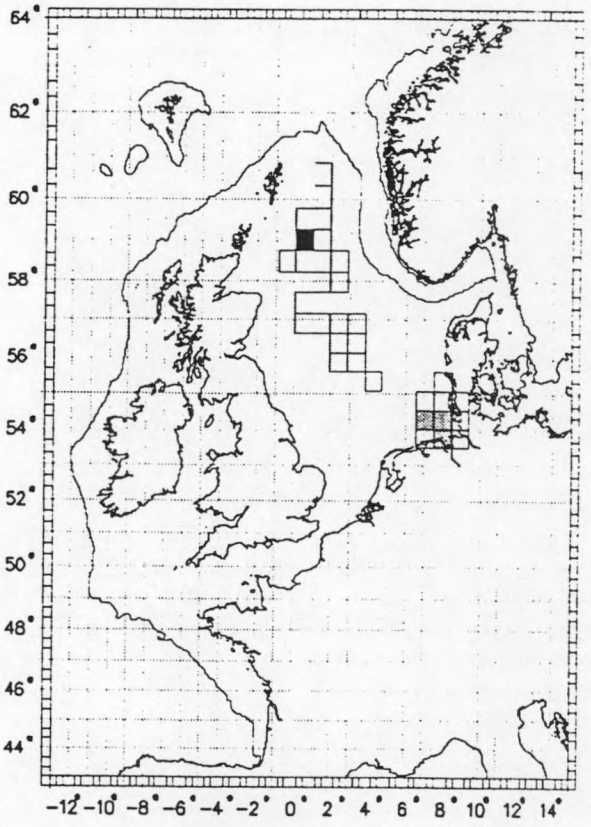


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002030096
ENAME : DOD
UNITS : MYMOL/L
NO. OF DATA : 1632
NO. OF POSITIONS : 214



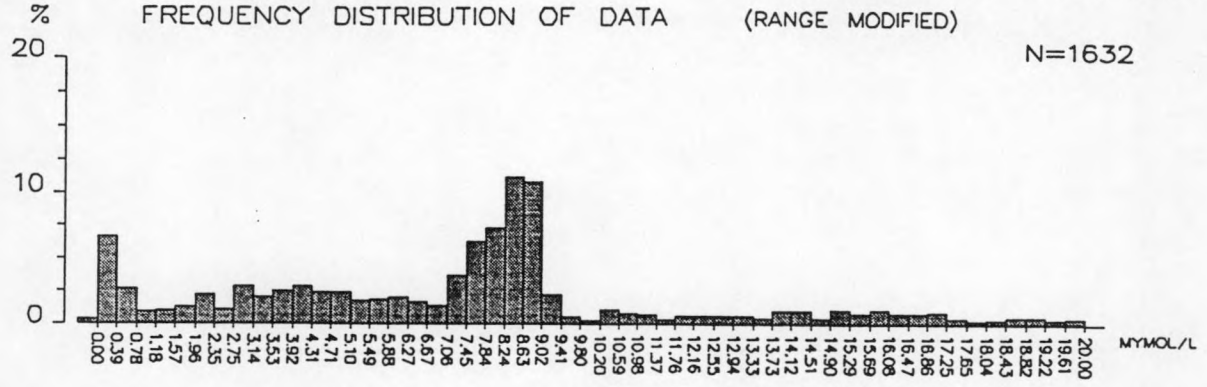
NO. OF DATA/AREA :
(without longterm data series !)

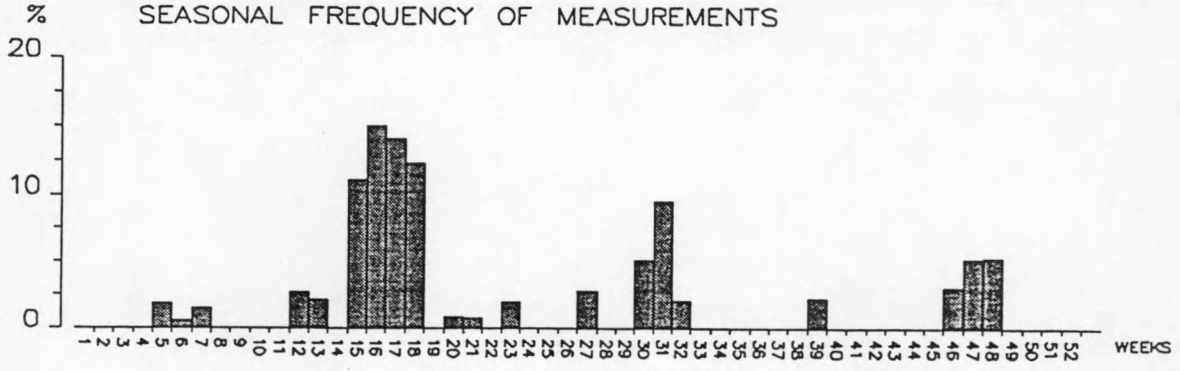
< 770	< 330
< 660	< 220
< 550	< 110
< 440	= 0

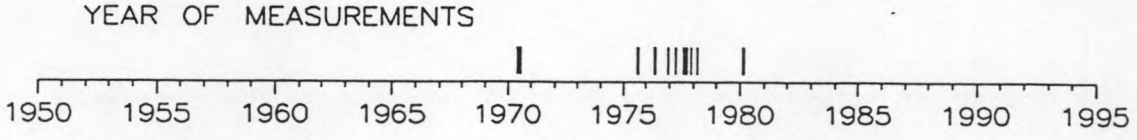
MINIMUM : 0.00
MAXIMUM : 20.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–13

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002030001

ENAME : Lammers, S.

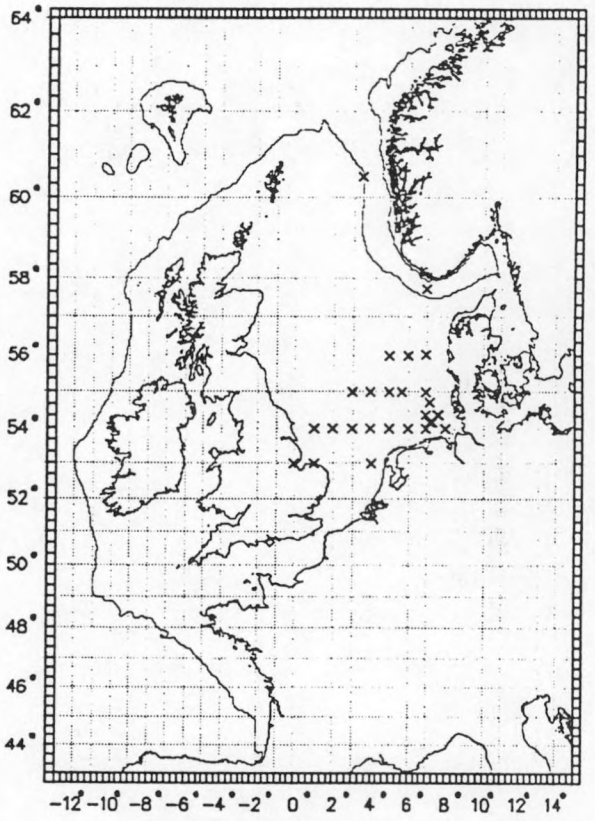
UNITS : MYMOL/L

NO. OF POSITIONS : 52

NO. OF DATA : 308

MINIMUM : 0.00

MAXIMUM : 42.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

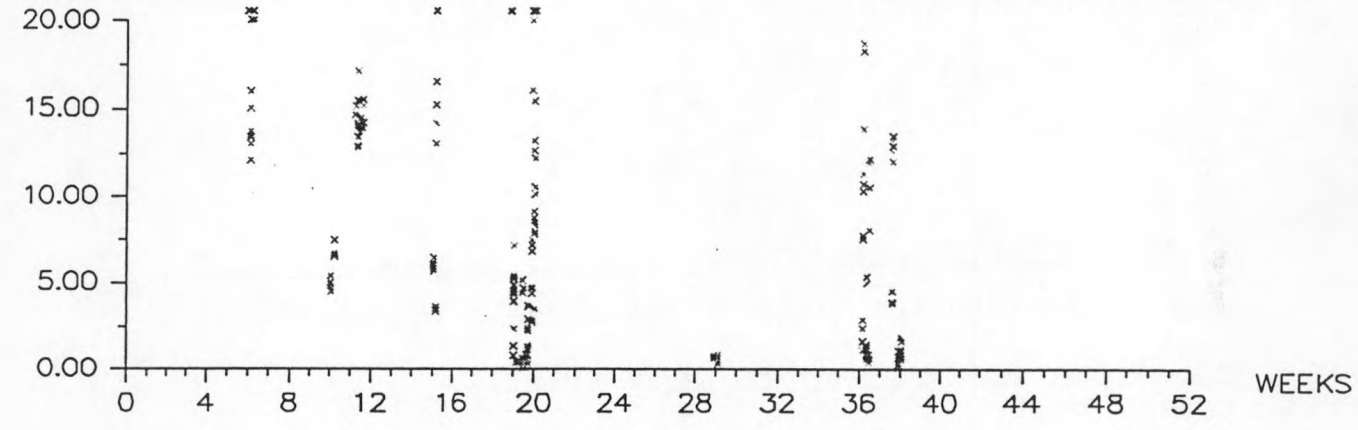
LAST WEEK : 53

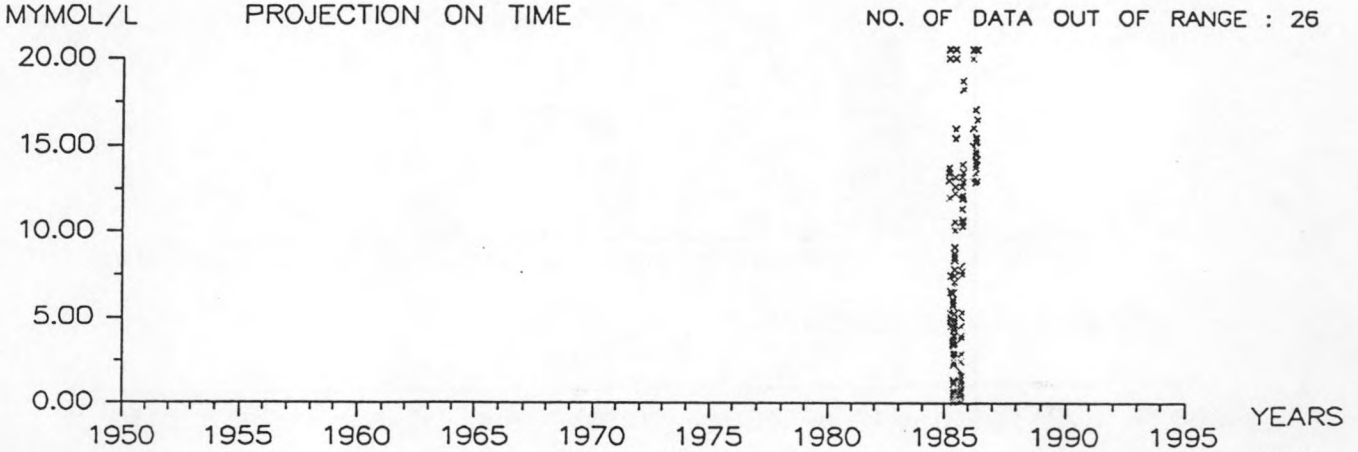
DEPTH–RANGE

UPPER : 0

LOWER : 2000

NO. OF DATA OUT OF RANGE : 26



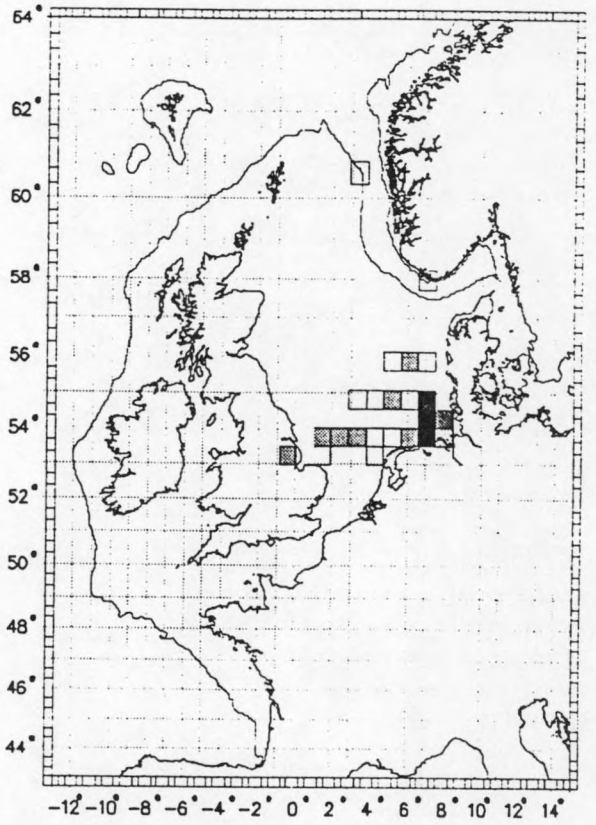


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002030001
ENAME : Lammers, S.
UNITS : MYMOL/L
NO. OF DATA : 308
NO. OF POSITIONS : 52



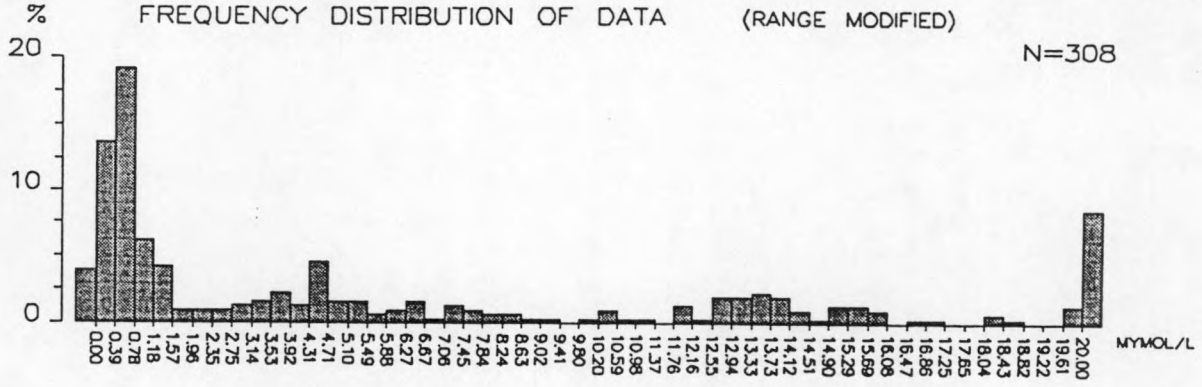
NO. OF DATA/AREA :
(without longterm data series !)

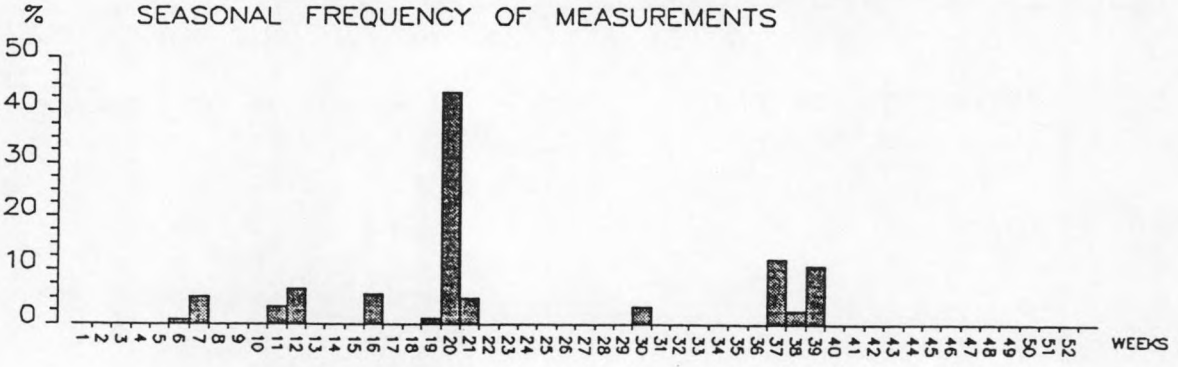
<	60	<	25
<	51	<	17
<	42	<	8
<	34	=	0

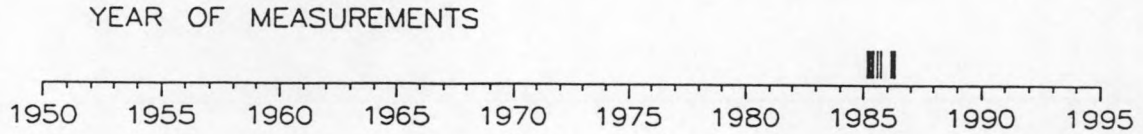
MINIMUM : 0.00
MAXIMUM : 42.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





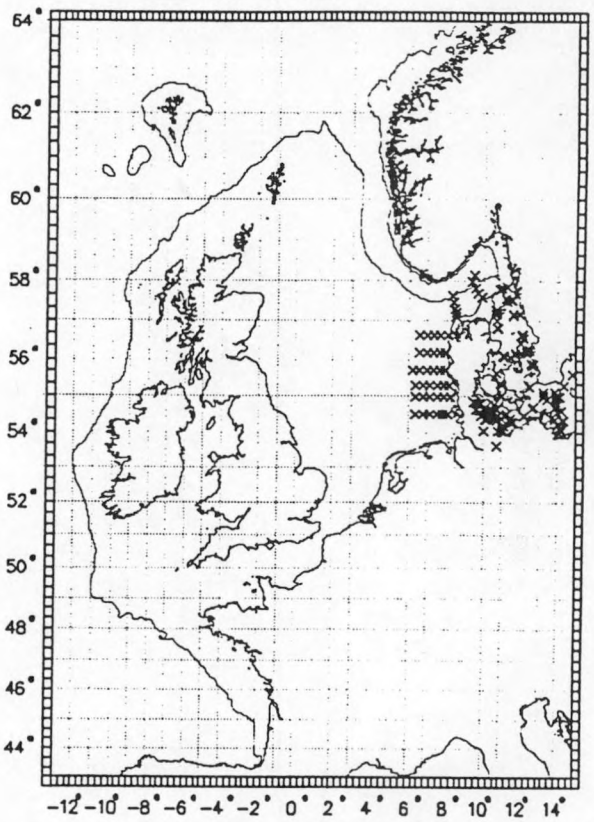


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

NITRATE—N (NO3)

PCODE : 5002010001
ENAME : HELCOM
UNITS : MYMOL/L
NO. OF POSITIONS : 192
NO. OF DATA : 14540
MINIMUM : 0.00
MAXIMUM : 53.60

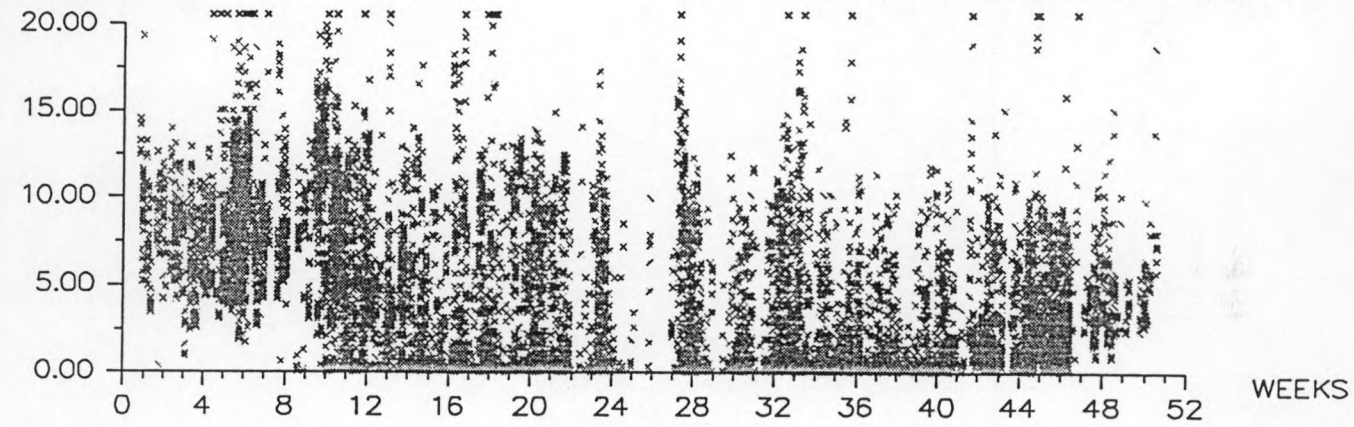


MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000

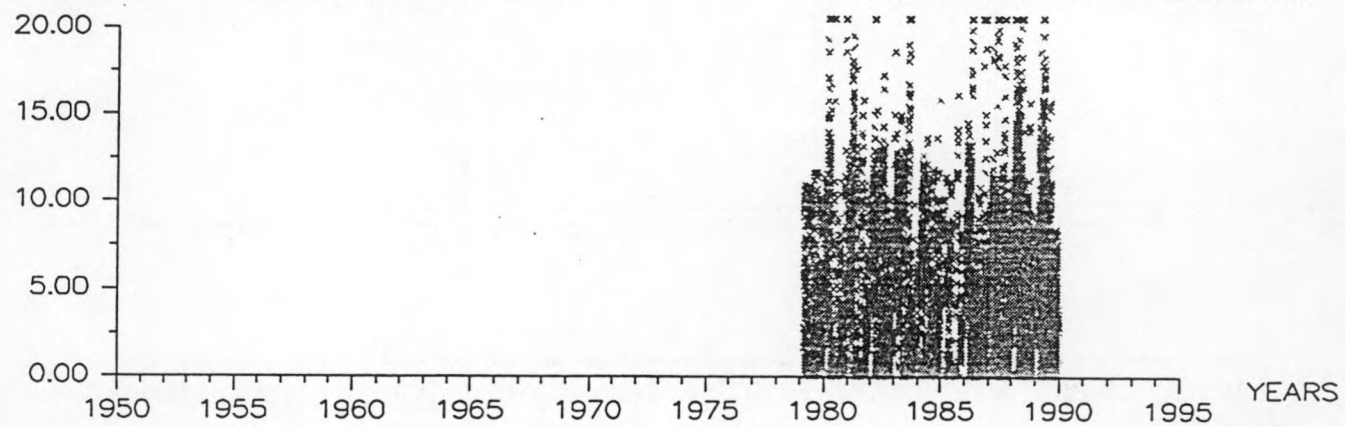
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 95



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 95



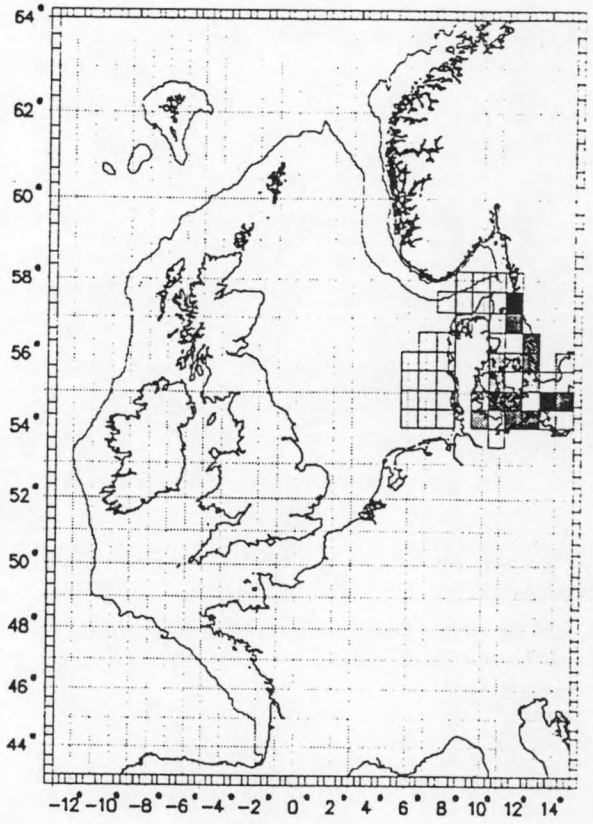
96—06—13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002010001
ENAME : HELCOM
UNITS : MYMOL/L
NO. OF DATA : 14540
NO. OF POSITIONS : 192



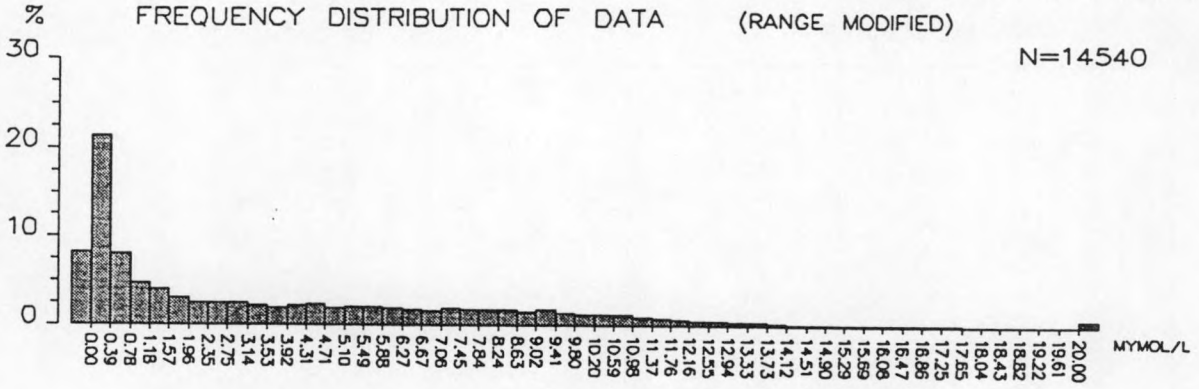
NO. OF DATA/AREA :
(without longterm data series !)

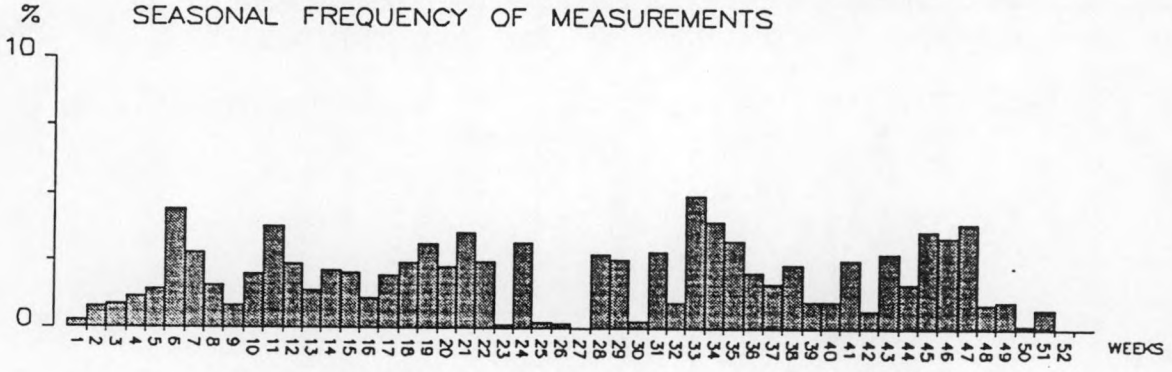
<	2418	<	1036
<	2072	<	690
<	1727	<	345
<	1381	=	0

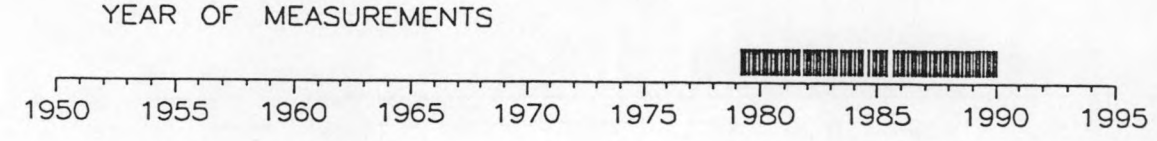
MINIMUM : 0.00
MAXIMUM : 53.60

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–13

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002010001

ENAME : ICES

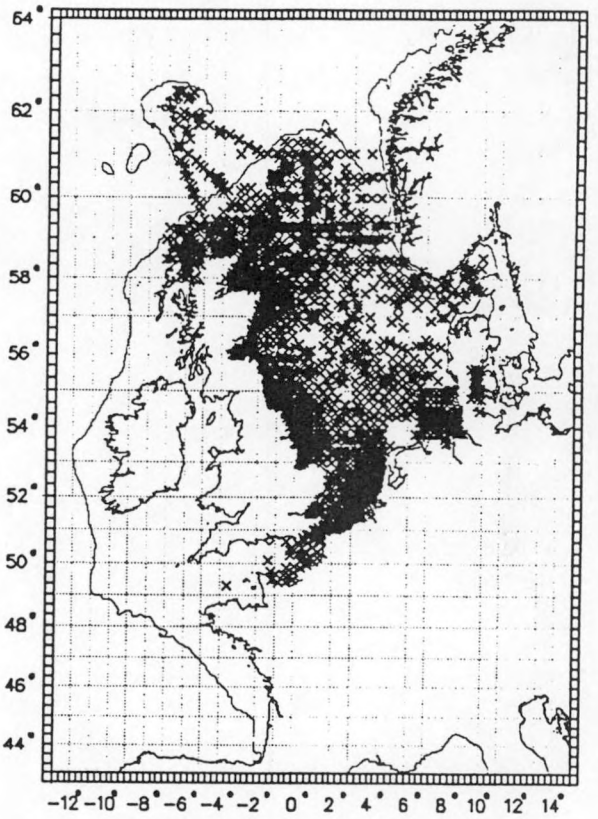
UNITS : MYMOL/L

NO. OF POSITIONS : 3572

NO. OF DATA : 21265

MINIMUM : 0.00

MAXIMUM : 95.40



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

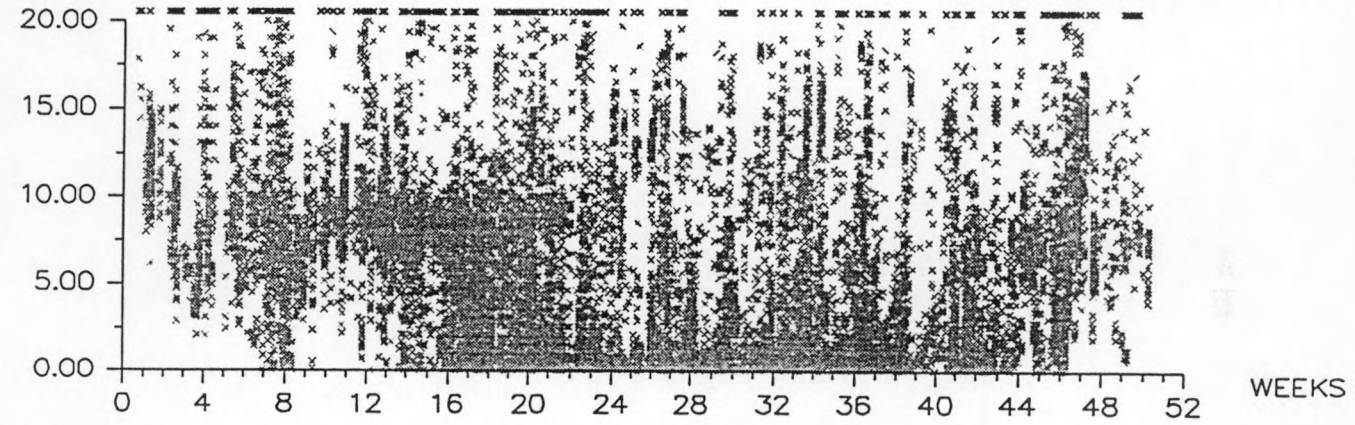
DEPTH–RANGE

UPPER : 0

LOWER : 2000

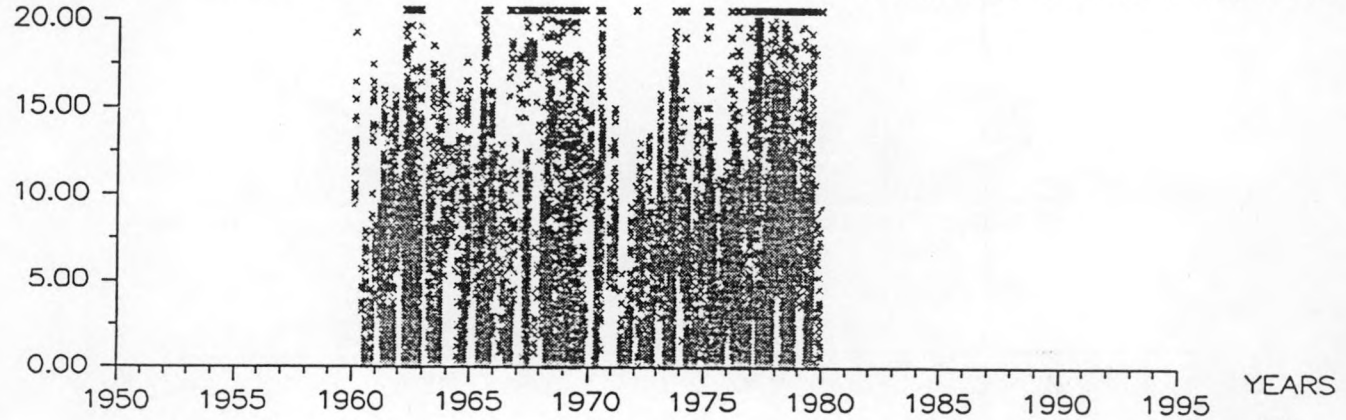
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 1074



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 1074



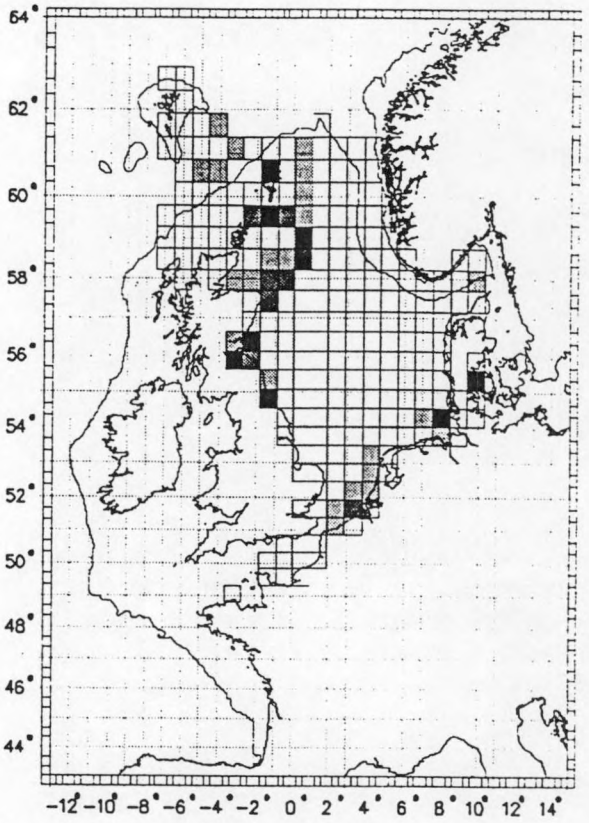
96–06–13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002010001
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 21265
NO. OF POSITIONS : 3572



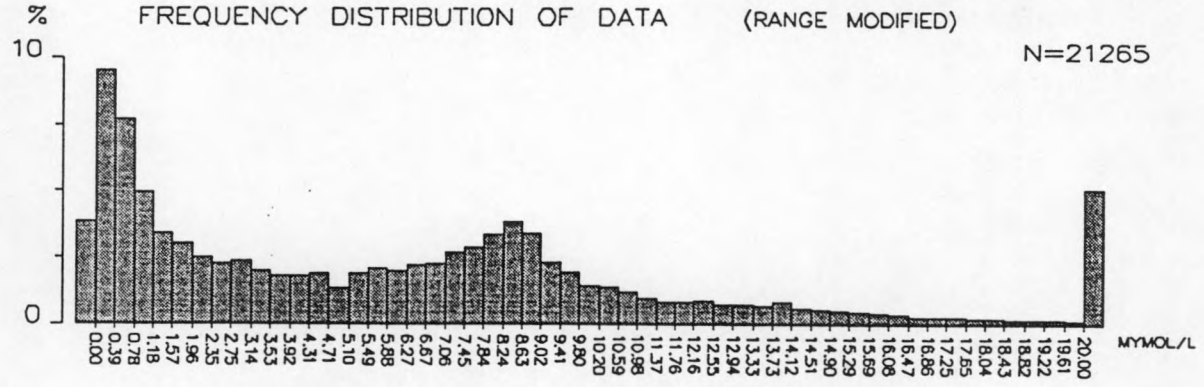
NO. OF DATA/AREA :
(without longterm data series !)

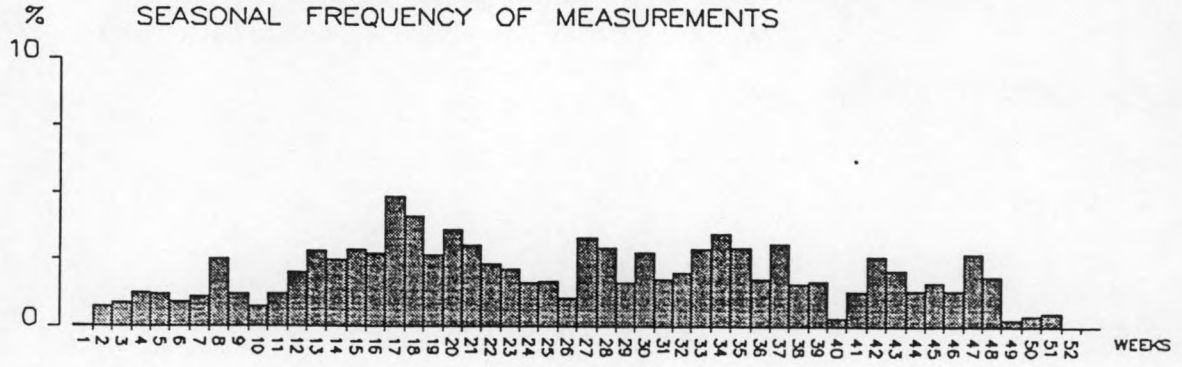
<	1040	<	445
<	891	<	297
<	742	<	148
<	594	=	0

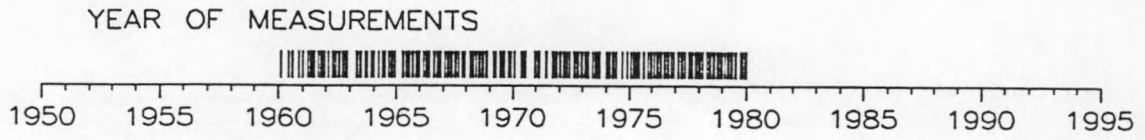
MINIMUM : 0.00
MAXIMUM : 95.40

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–13

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

NITRATE—N (NO3)

PCODE : 5002030096

ENAME : ICES

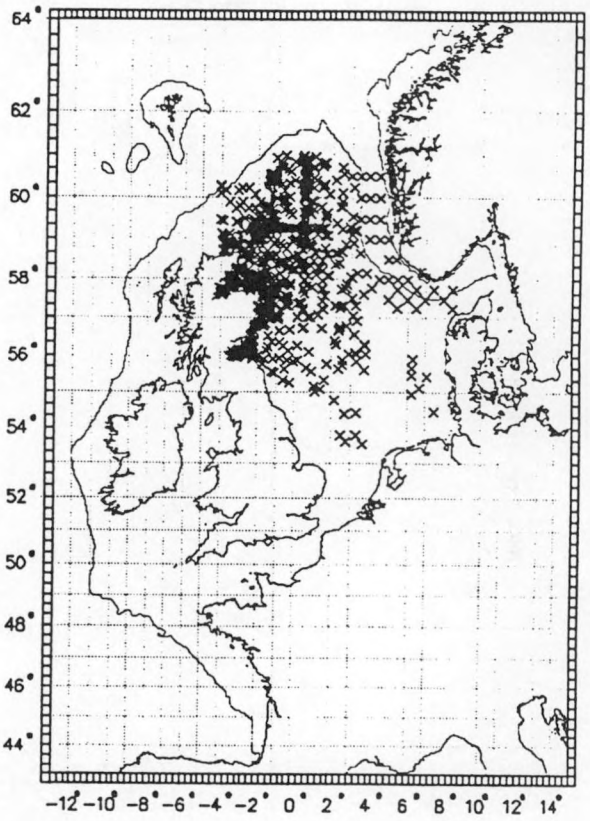
UNITS : MYMOL/L

NO. OF POSITIONS : 1030

NO. OF DATA : 7192

MINIMUM : 0.00

MAXIMUM : 20.00



MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

FIRST WEEK : 1

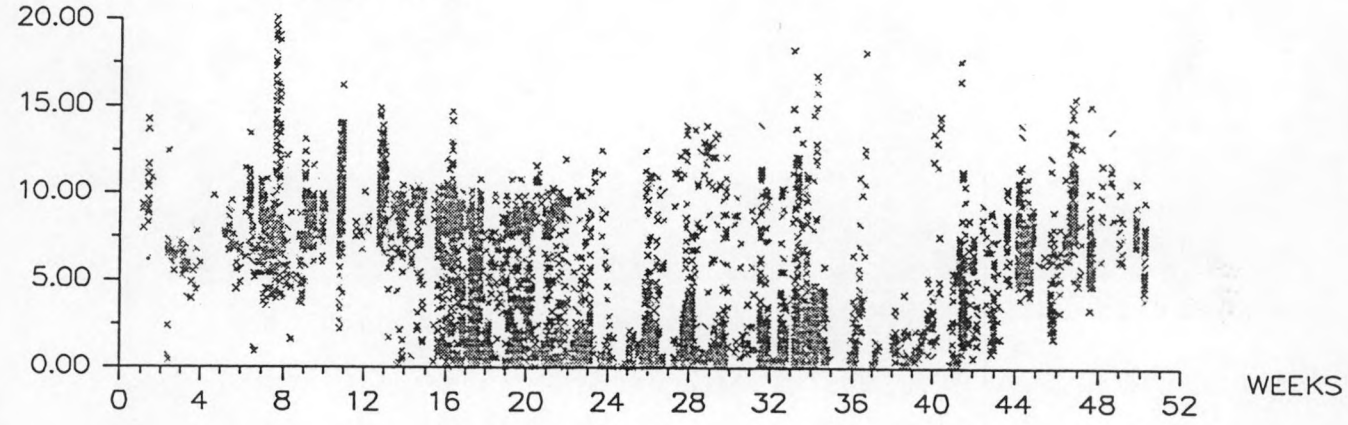
LAST WEEK : 53

DEPTH—RANGE

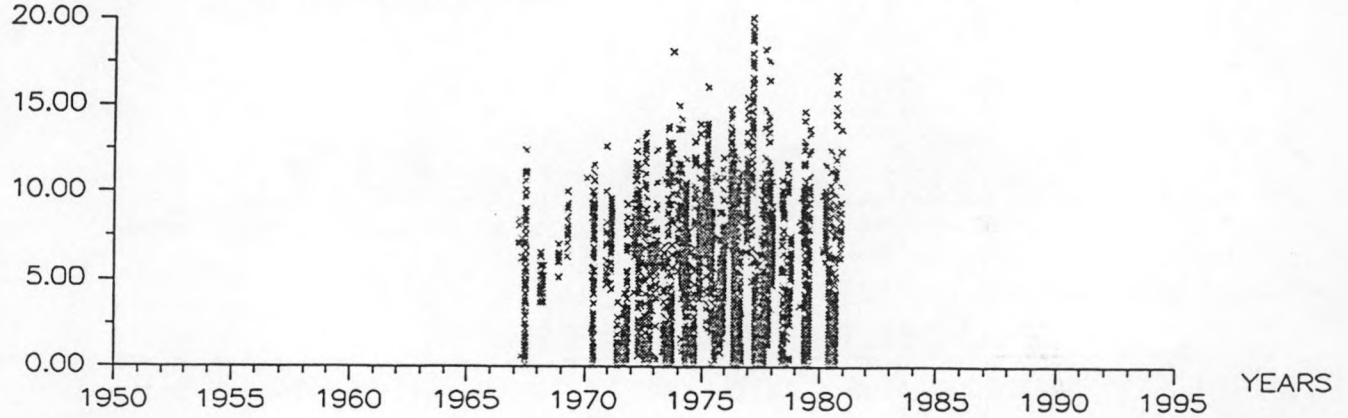
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

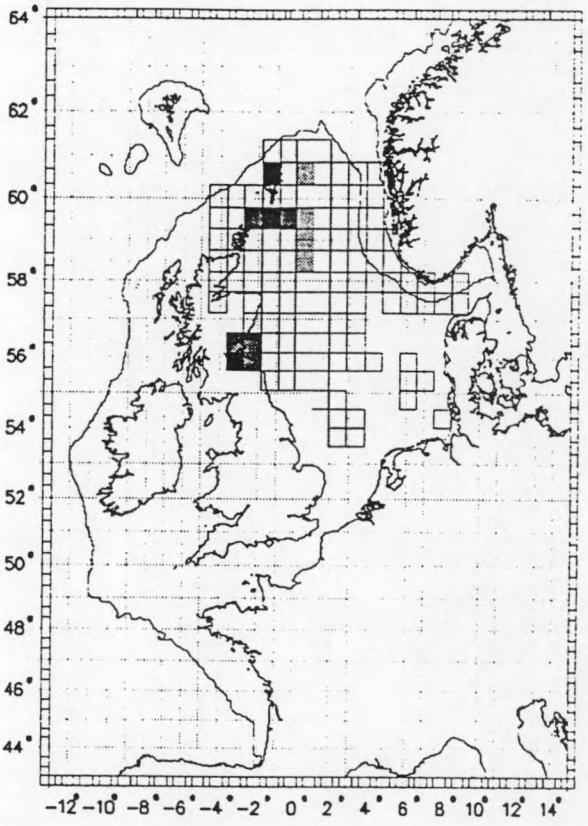


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002030096
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 7192
NO. OF POSITIONS : 1030



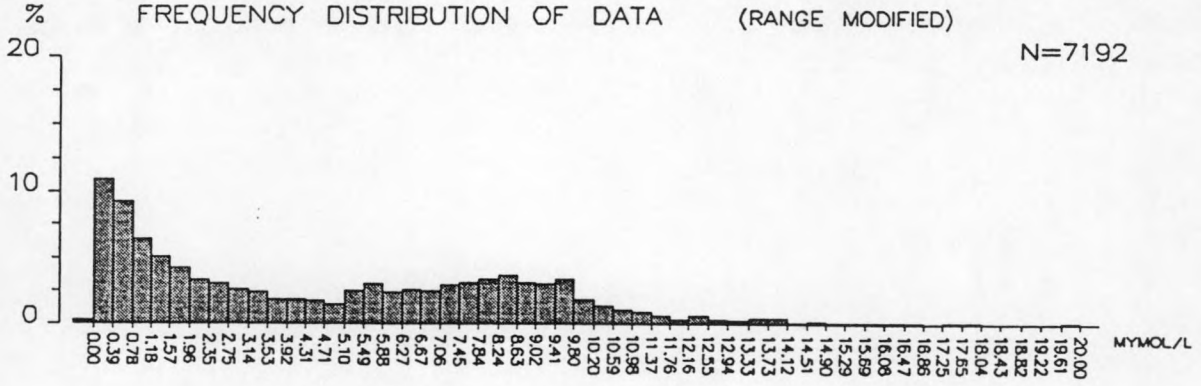
NO. OF DATA/AREA :
(without longterm data series !)

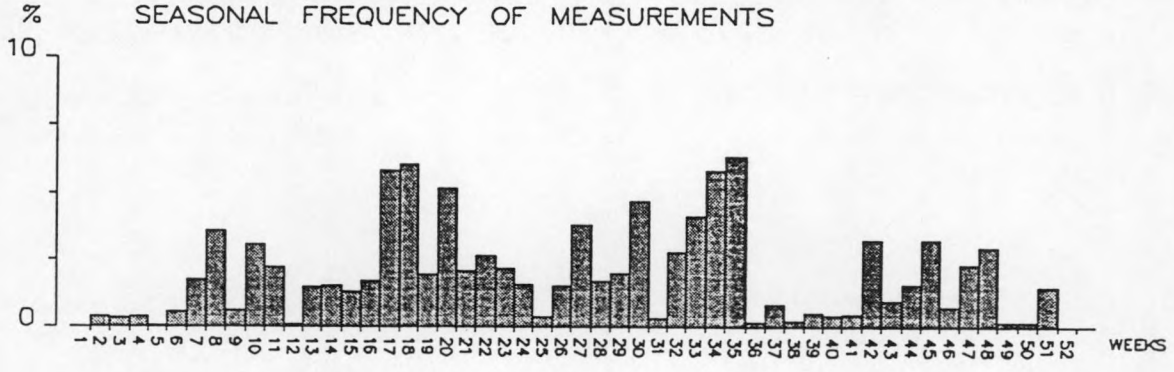
<	1028	<	440
<	881	<	293
<	734	<	146
<	587	=	0

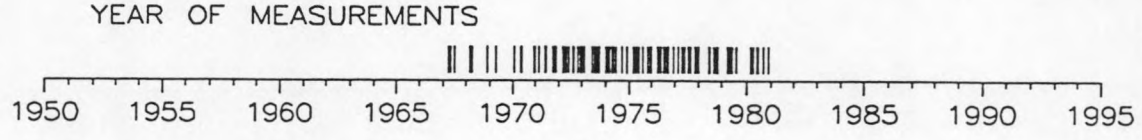
MINIMUM : 0.00
MAXIMUM : 20.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







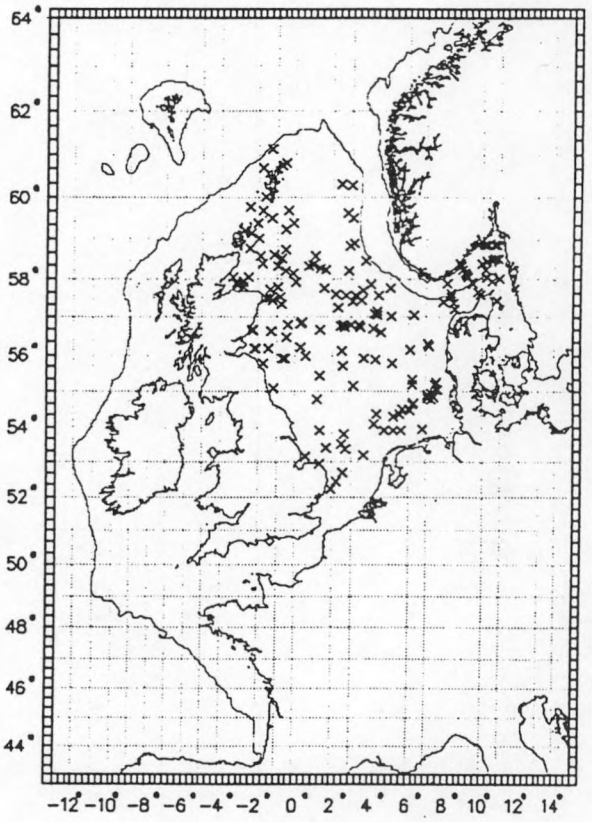
96–06–13

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

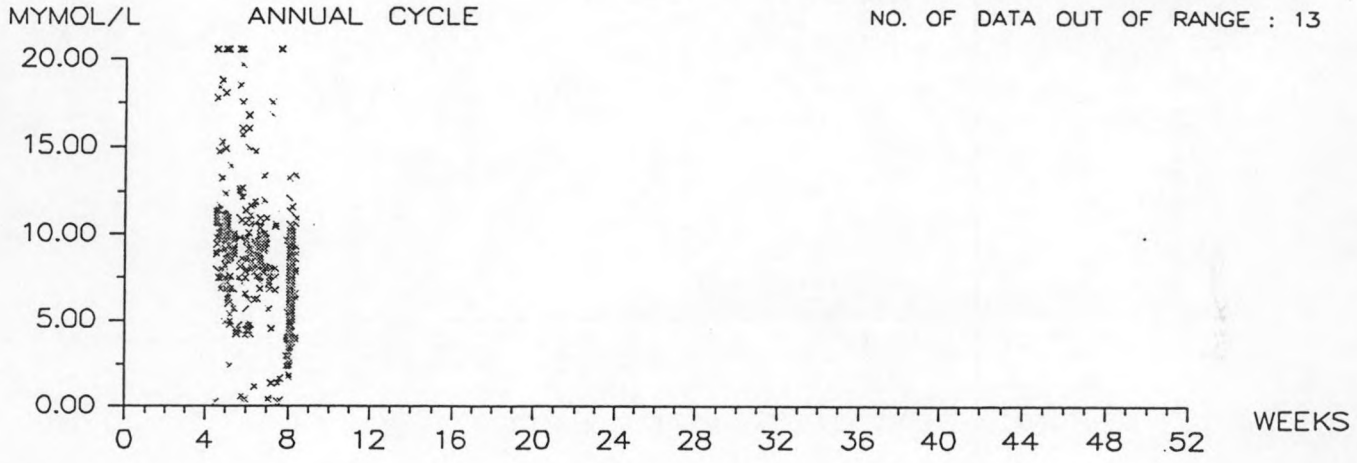
PCODE : 5002030098
ENAME : ICES
UNITS : MYMOL/L
NO. OF POSITIONS : 175
NO. OF DATA : 722
MINIMUM : 0.20
MAXIMUM : 45.30

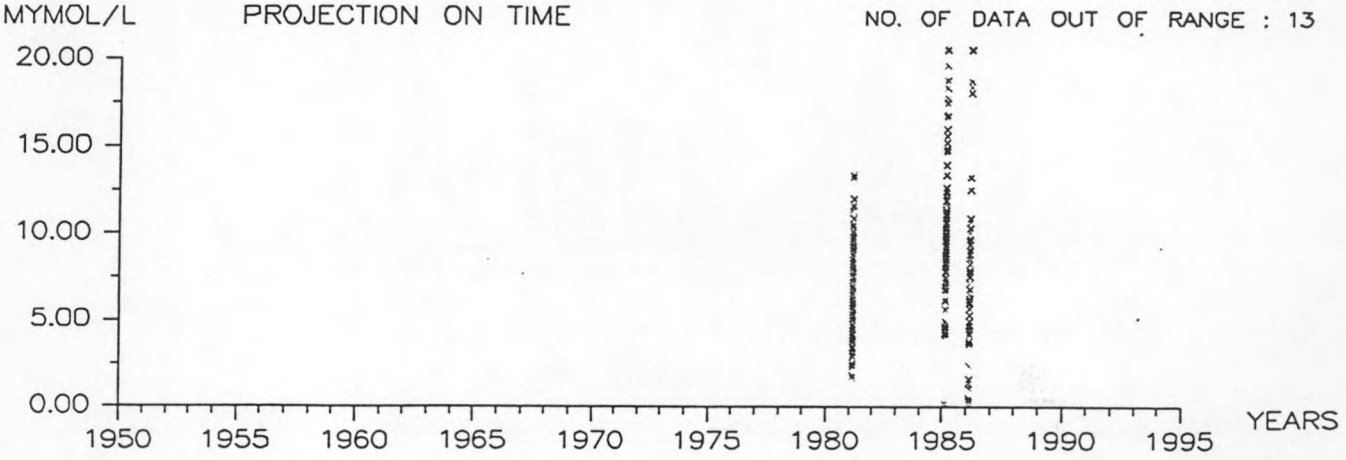


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

NO. OF DATA OUT OF RANGE : 13



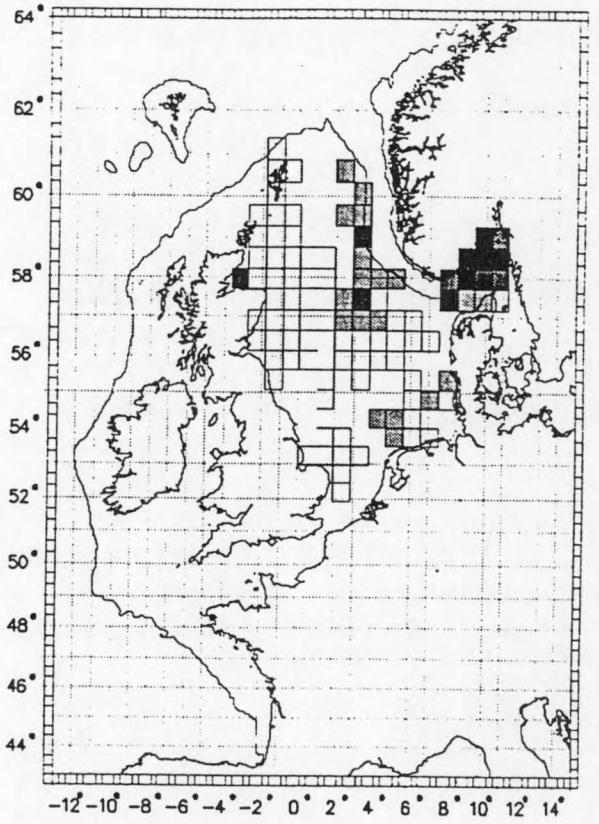


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002030098
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 722
NO. OF POSITIONS : 175



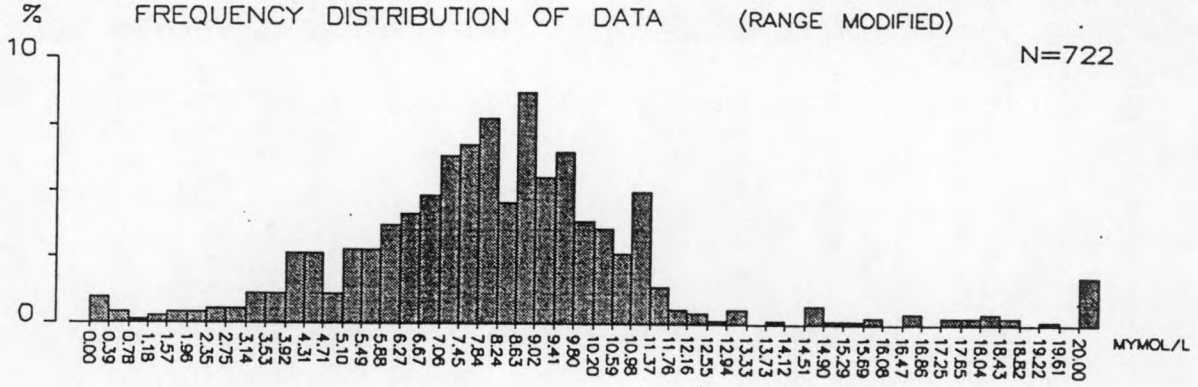
NO. OF DATA/AREA :
(without longterm data series !)

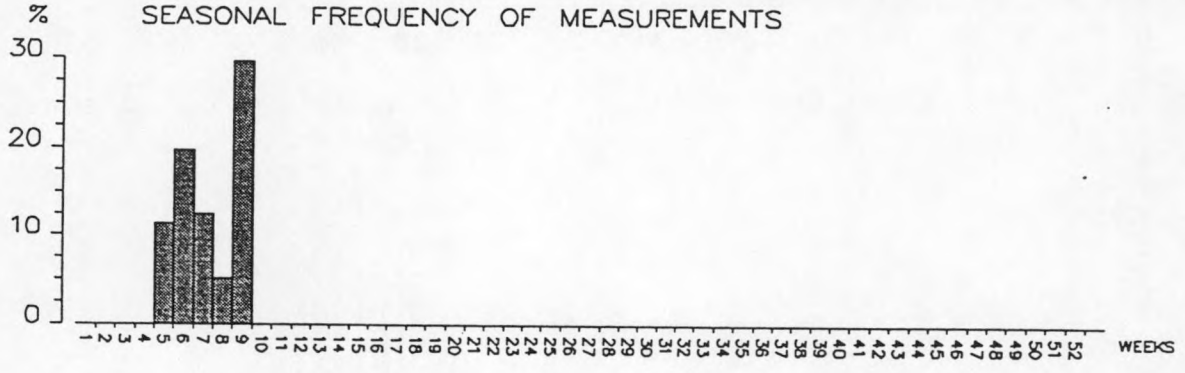
< 47	< 20
< 40	< 13
< 33	< 6
< 26	= 0

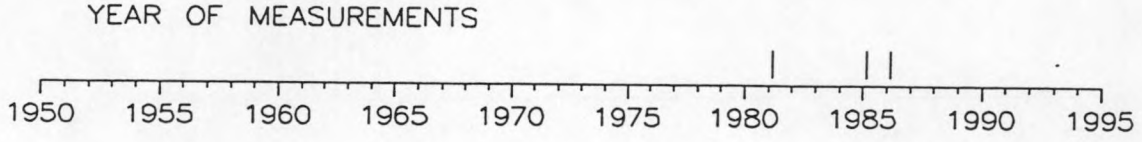
MINIMUM : 0.20
MAXIMUM : 45.30

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002030099

ENAME : ICES

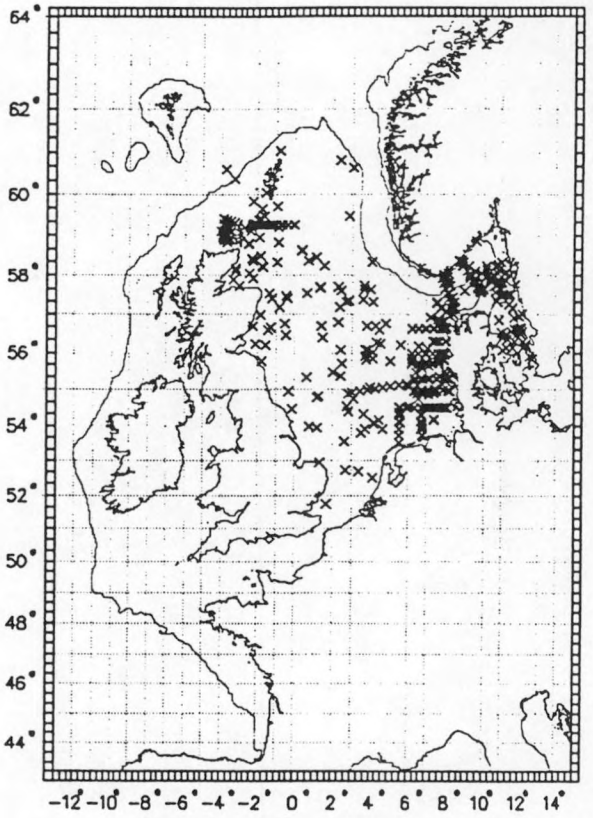
UNITS : MYMOL/L

NO. OF POSITIONS : 594

NO. OF DATA : 4286

MINIMUM : 0.10

MAXIMUM : 46.60



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

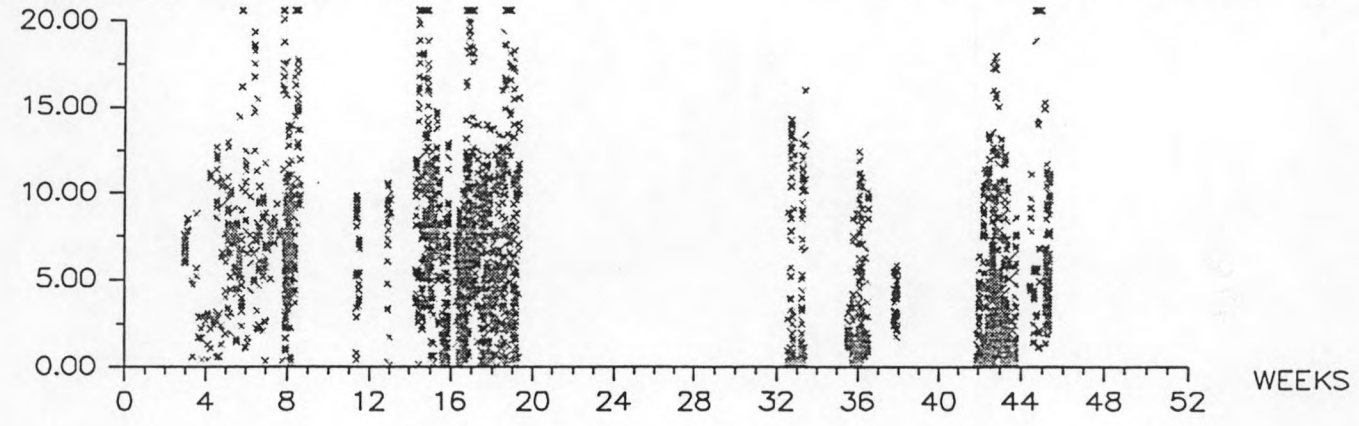
DEPTH–RANGE

UPPER : 0

LOWER : 2000

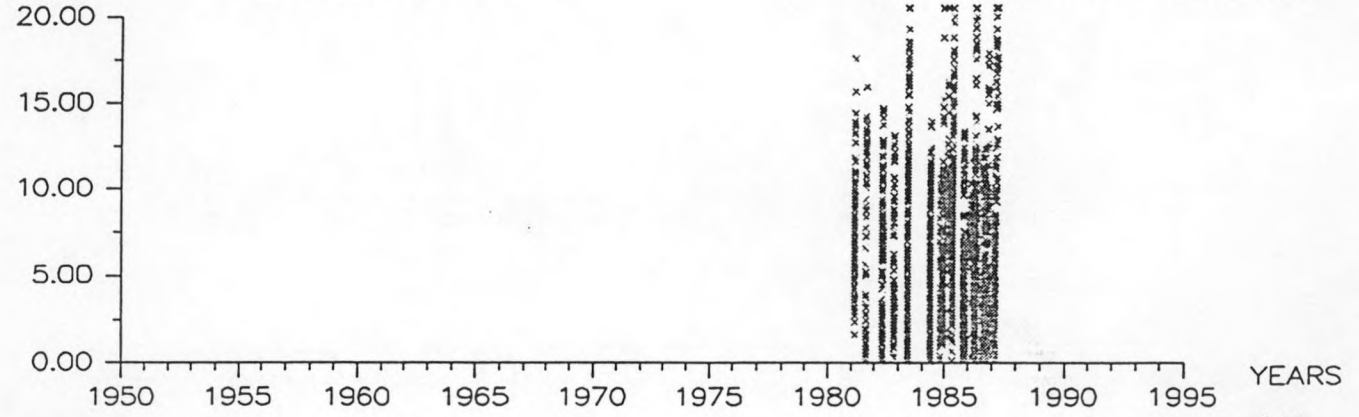
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 112



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 112



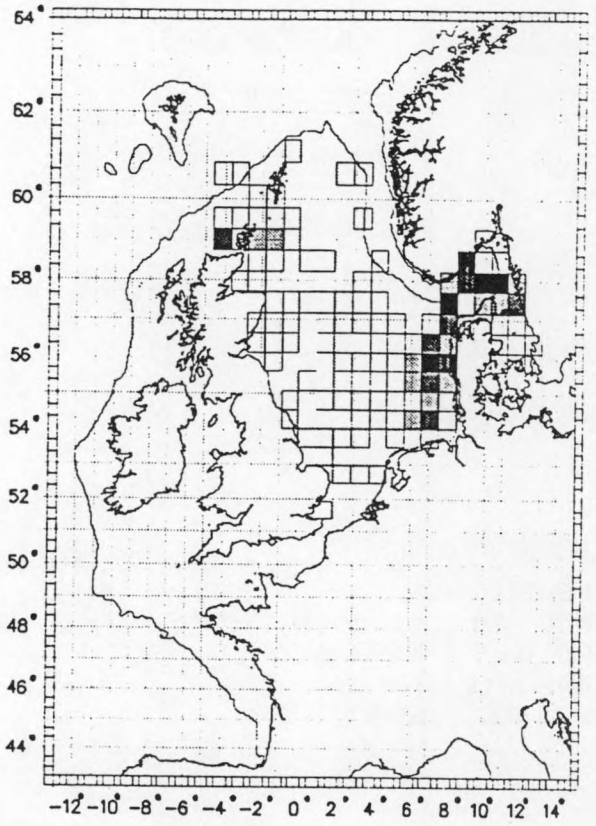
96–06–13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002030099
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 4286
NO. OF POSITIONS : 594



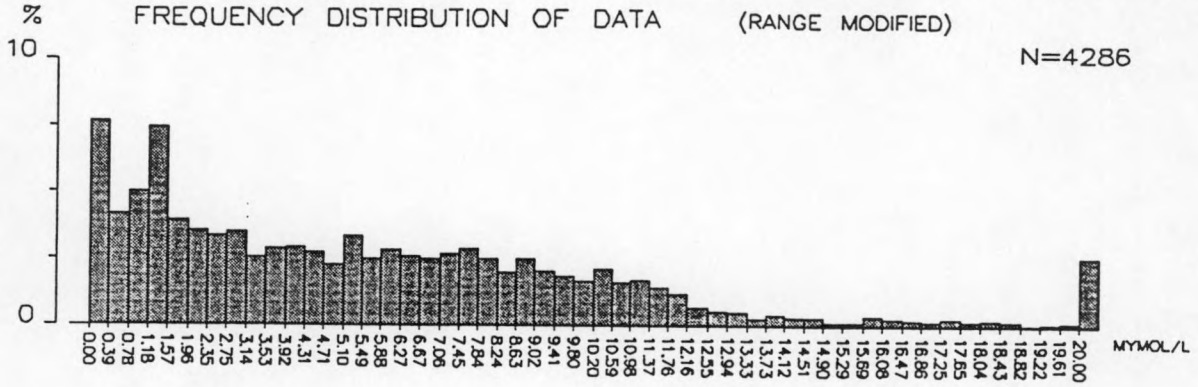
NO. OF DATA/AREA :
(without longterm data series !)

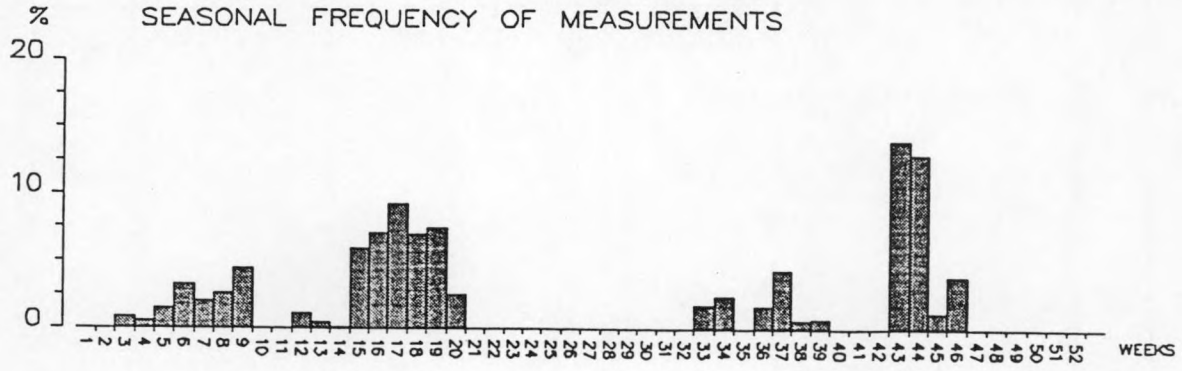
< 348	< 149
< 298	< 99
< 248	< 49
< 198	= 0

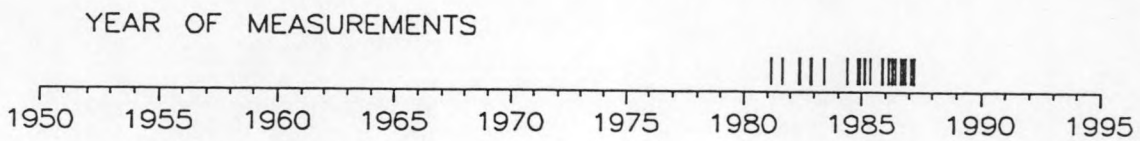
MINIMUM : 0.10
MAXIMUM : 46.60

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002030096

ENAME : ICES/YFS

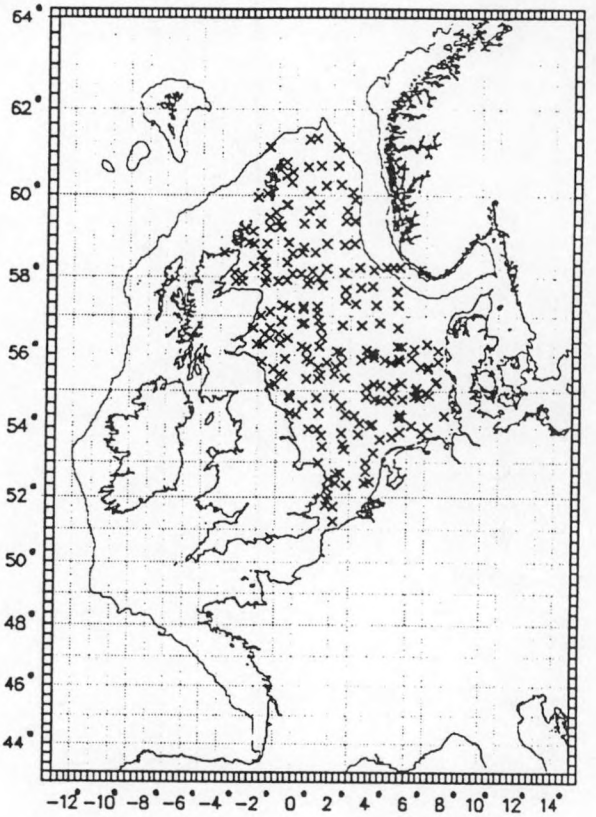
UNITS : MYMOL/L

NO. OF POSITIONS : 222

NO. OF DATA : 718

MINIMUM : 0.20

MAXIMUM : 19.50



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

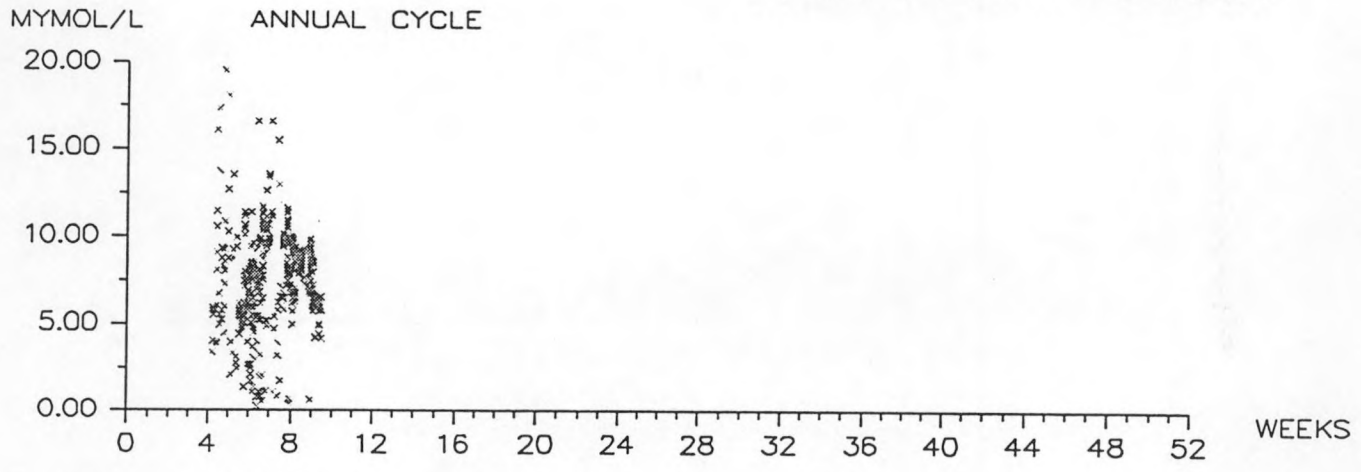
FIRST WEEK : 1

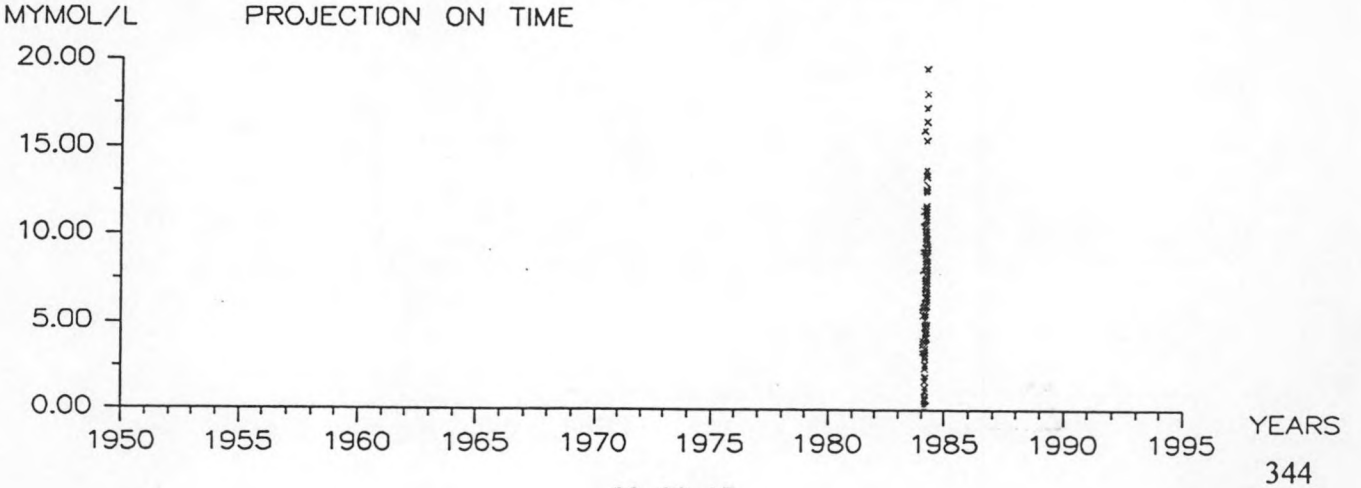
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



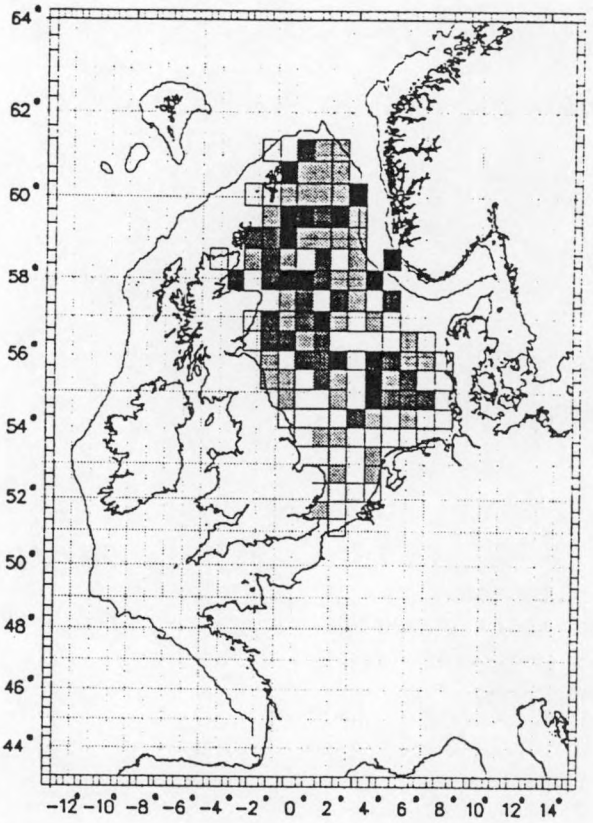


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002030096
ENAME : ICES/YFS
UNITS : MYMOL/L
NO. OF DATA : 718
NO. OF POSITIONS : 222



NO. OF DATA/AREA :
(without longterm data series !)

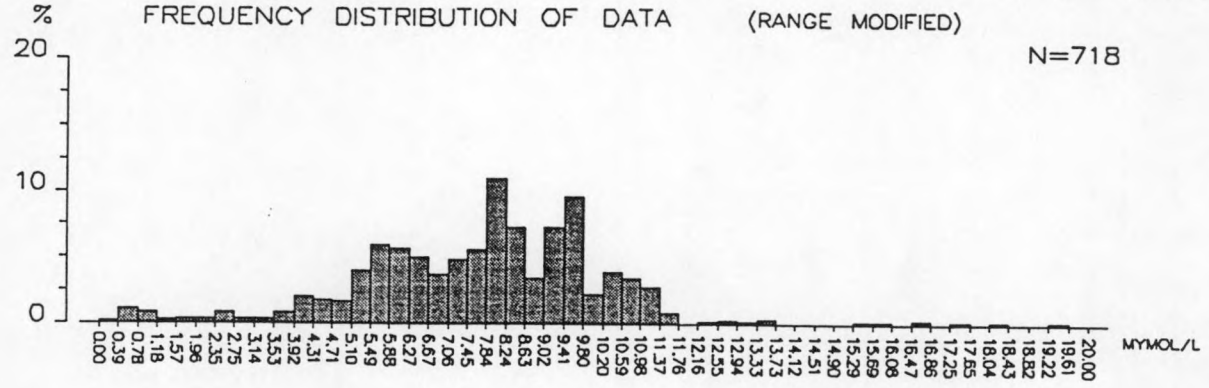
< 24
< 20
< 17
< 13

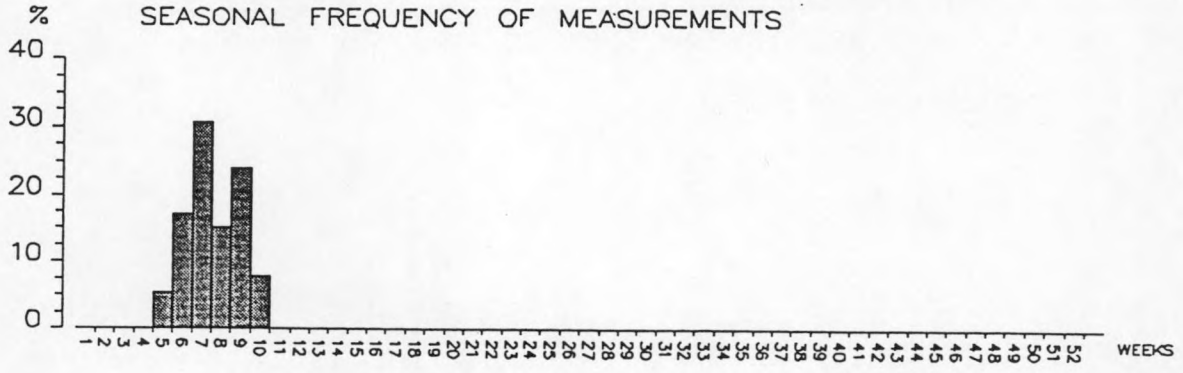
< 10
< < 6
< < 3
= 0

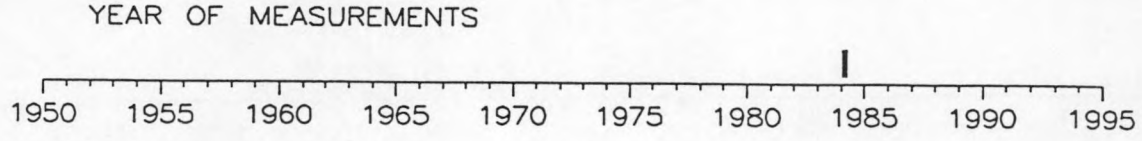
MINIMUM : 0.20
MAXIMUM : 19.50

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





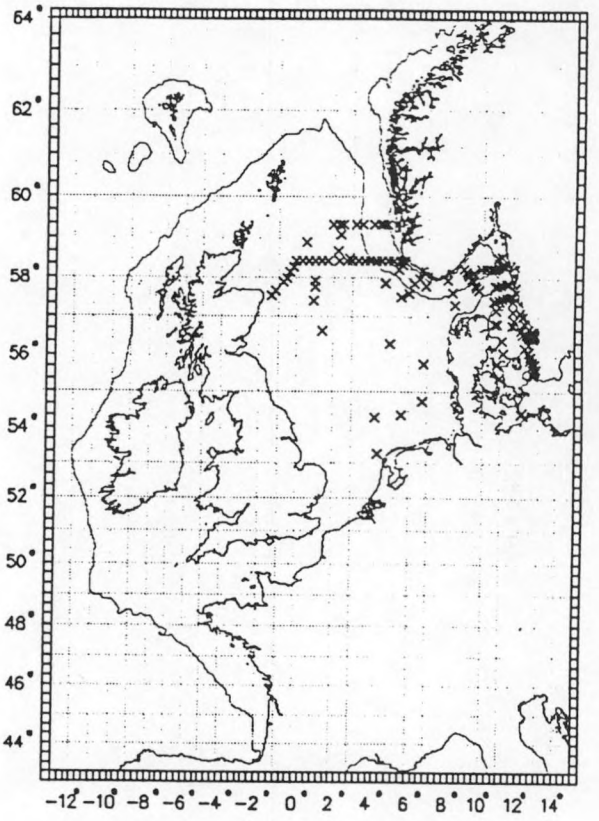


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

NITRATE—N (NO3)

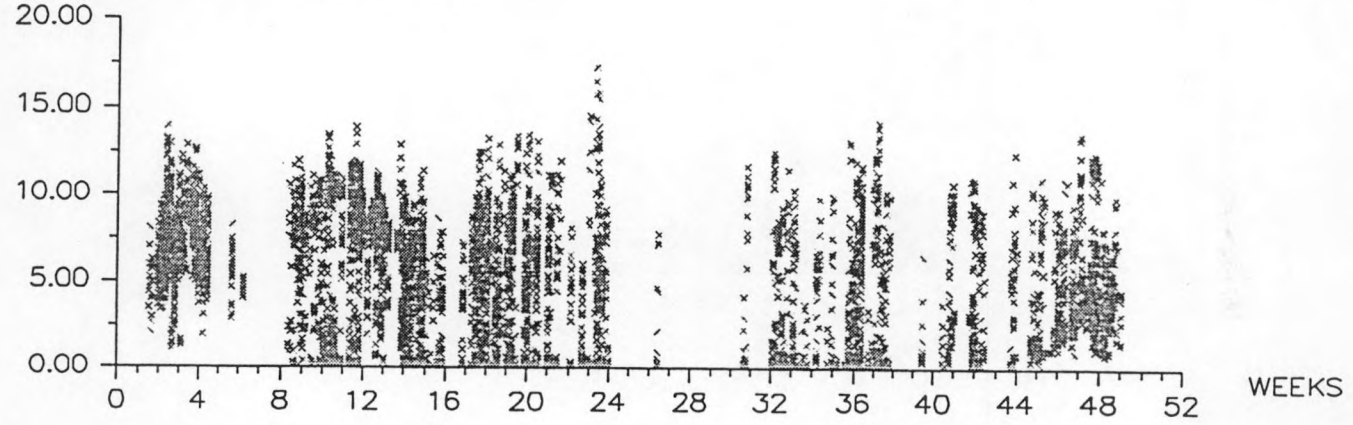
PCODE : 5002030096
ENAME : ICES/SMHI
UNITS : MYMOL/L
NO. OF POSITIONS : 162
NO. OF DATA : 6747
MINIMUM : 0.10
MAXIMUM : 17.20



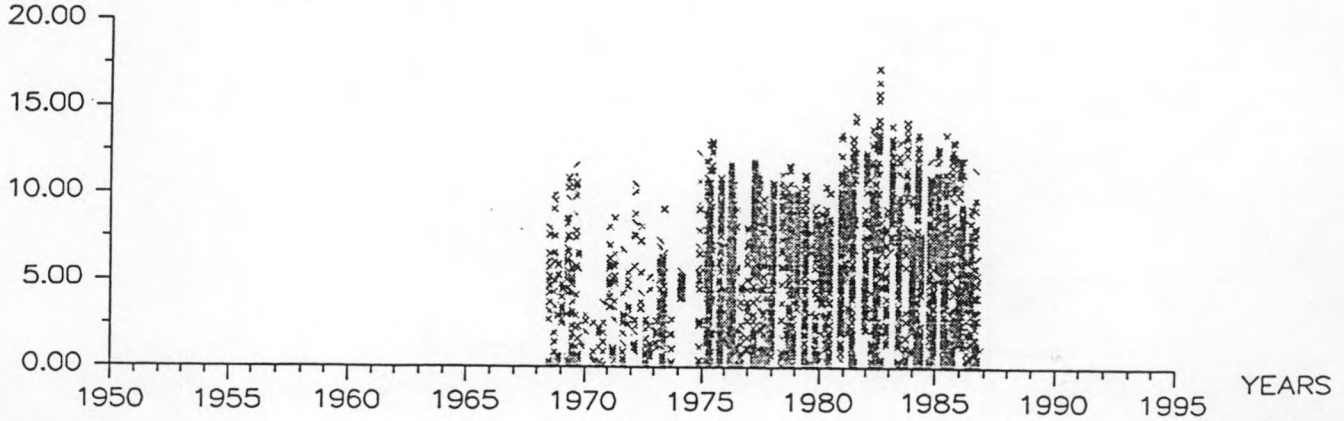
MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



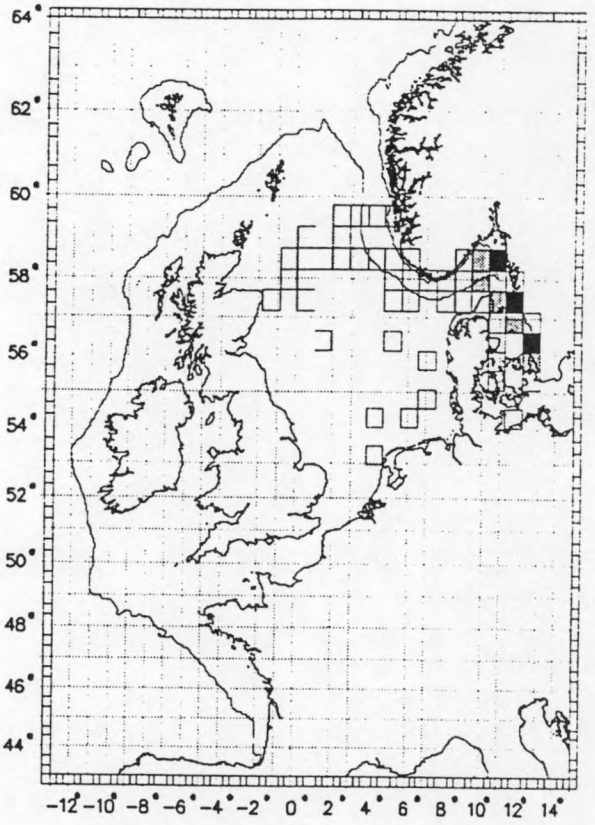
96—06—13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002030096
ENAME : ICES/SMHI
UNITS : MYMOL/L
NO. OF DATA : 6747
NO. OF POSITIONS : 162



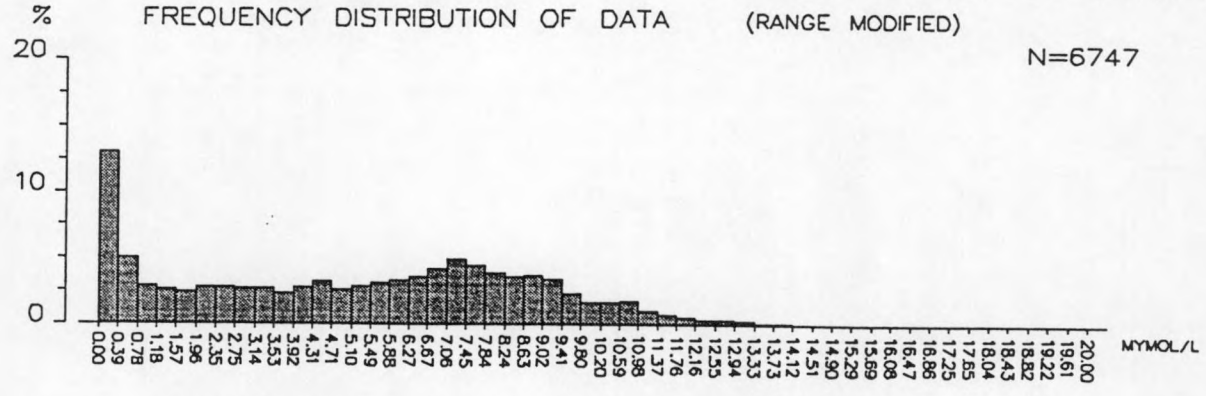
NO. OF DATA/AREA :
(without longterm data series !)

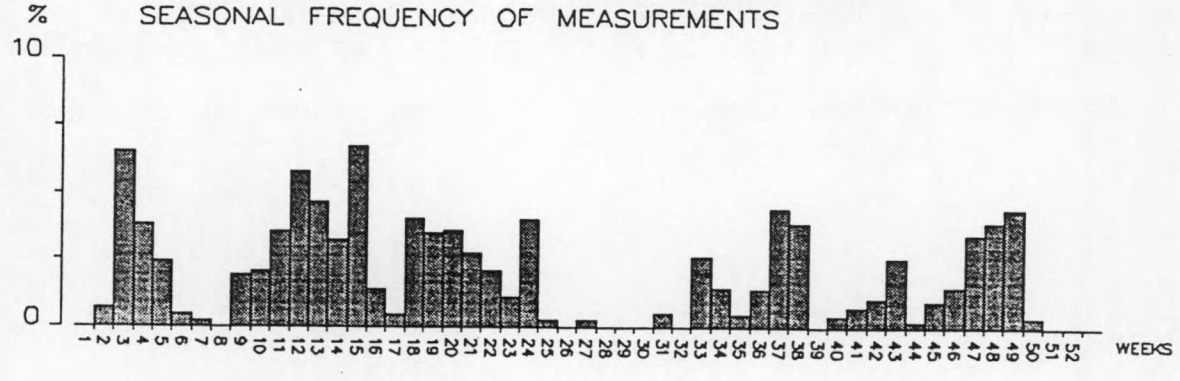
<	1684	<	721
<	1443	<	481
<	1202	<	240
<	962	=	0

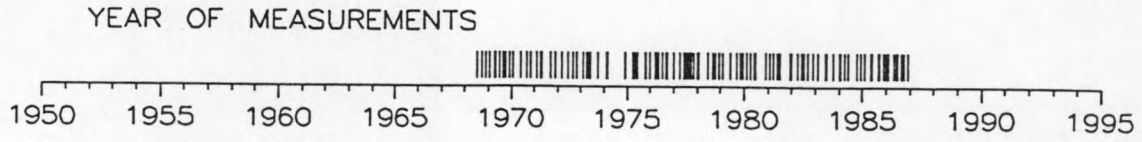
MINIMUM : 0.10
MAXIMUM : 17.20

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002016601

ENAME : IMR/Hageboe M., Foyn, .

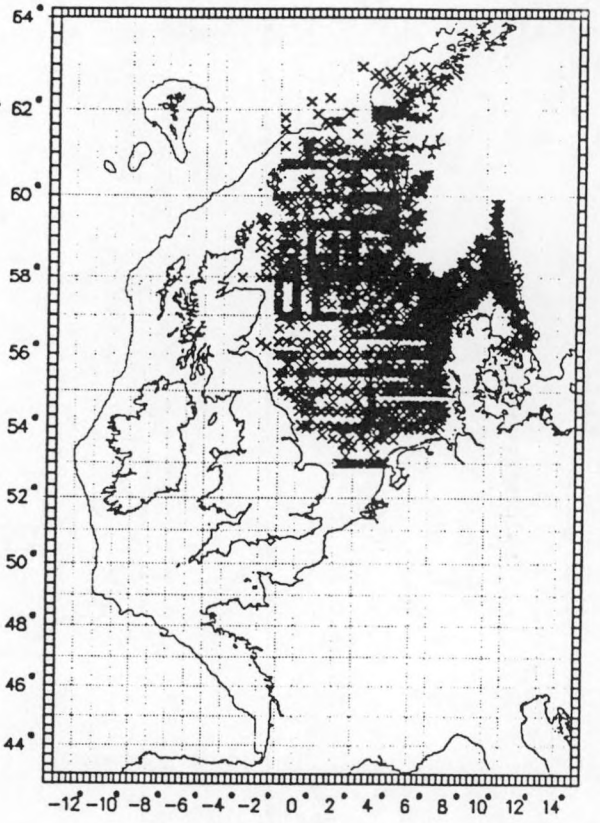
UNITS : MYMOL/L

NO. OF POSITIONS : 4996

NO. OF DATA : 53366

MINIMUM : 0.01

MAXIMUM : 38.20



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

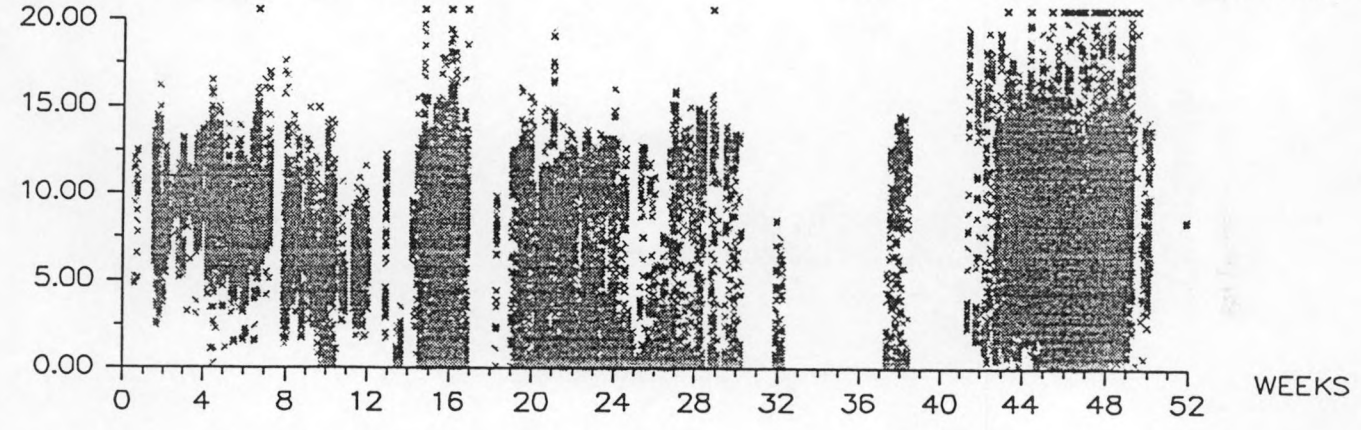
DEPTH–RANGE

UPPER : 0

LOWER : 2000

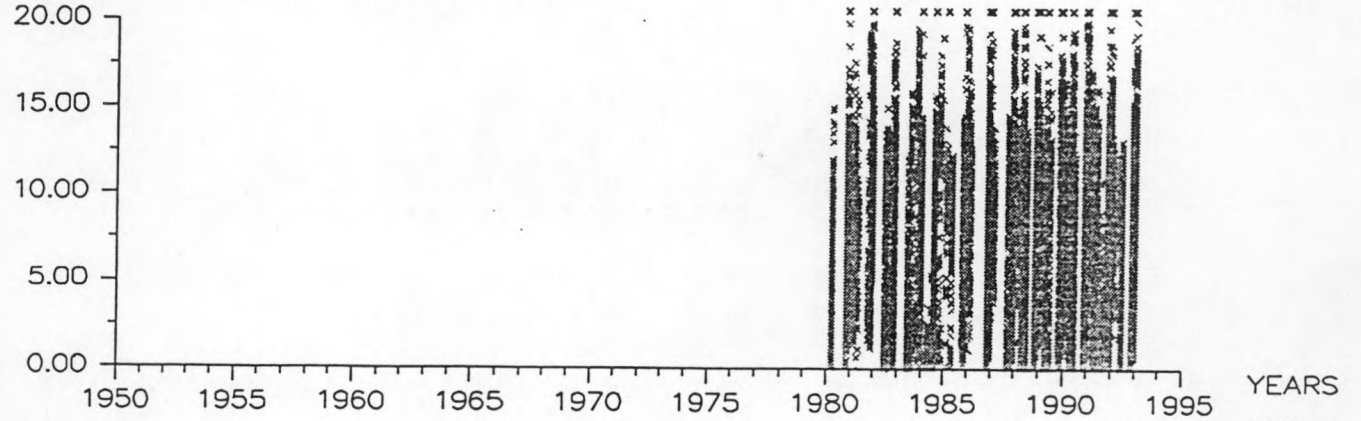
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 208



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 208



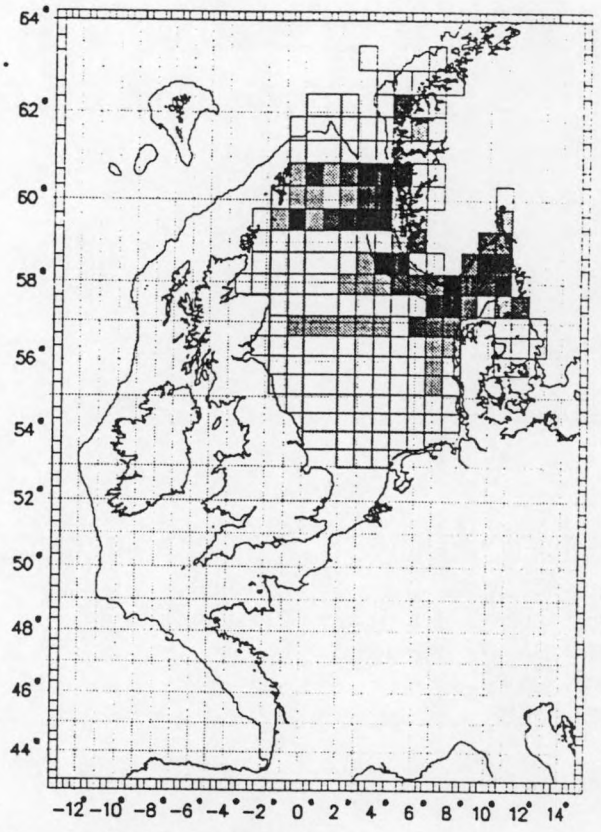
96–06–13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002016601
ENAME : IMR/Hageboe M., Foyn, .
UNITS : MYMOL/L
NO. OF DATA : 53366
NO. OF POSITIONS : 4996



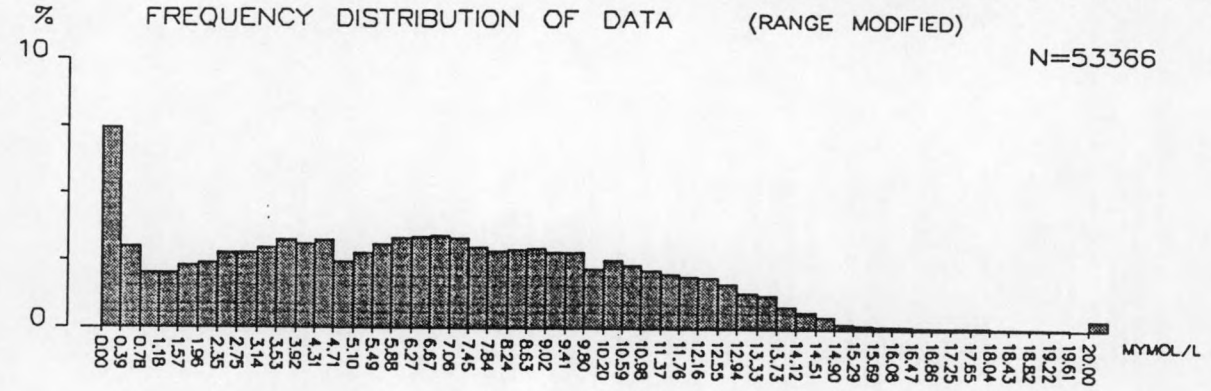
NO. OF DATA/AREA :
(without longterm data series !)

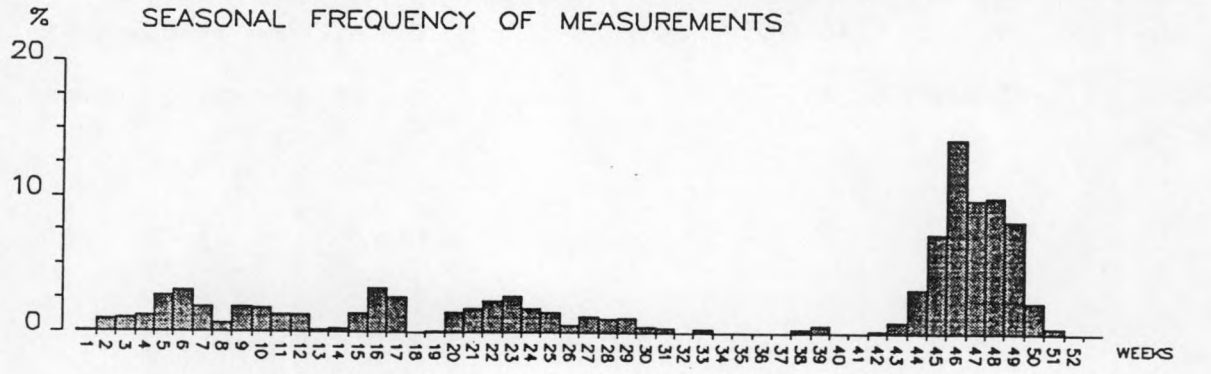
< 1759	< 753
< 1507	< 502
< 1256	< 251
< 1005	= 0

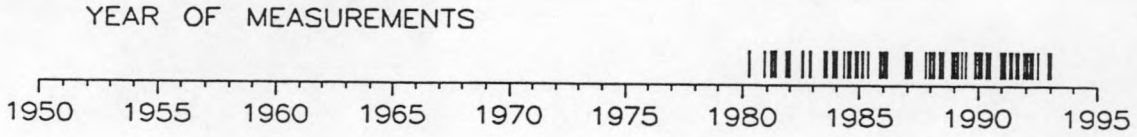
MINIMUM : 0.01
MAXIMUM : 38.20

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002036601

ENAME : IMR/Danielssen, D. S.

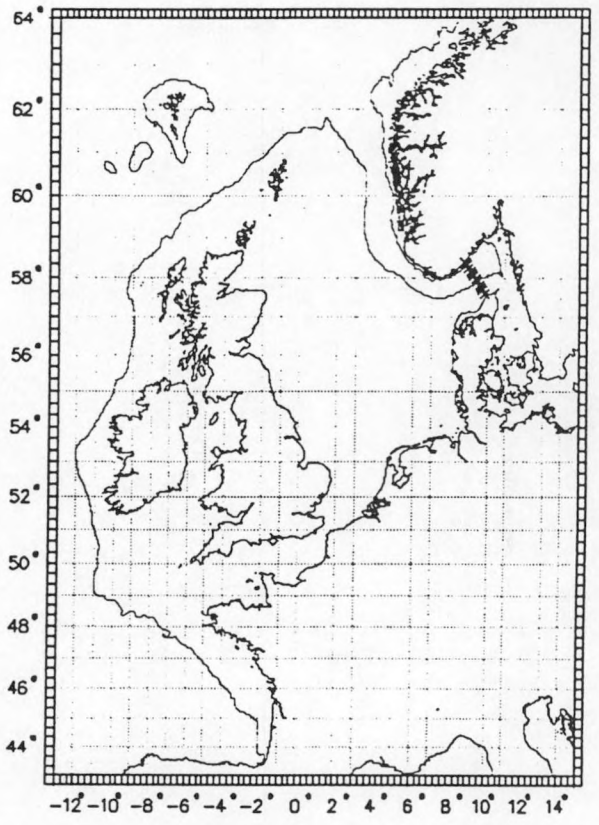
UNITS : MYMOL/L

NO. OF POSITIONS : 13

NO. OF DATA : 12748

MINIMUM : 0.01

MAXIMUM : 26.60



NO. OF DATA OUT OF RANGE : 5

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

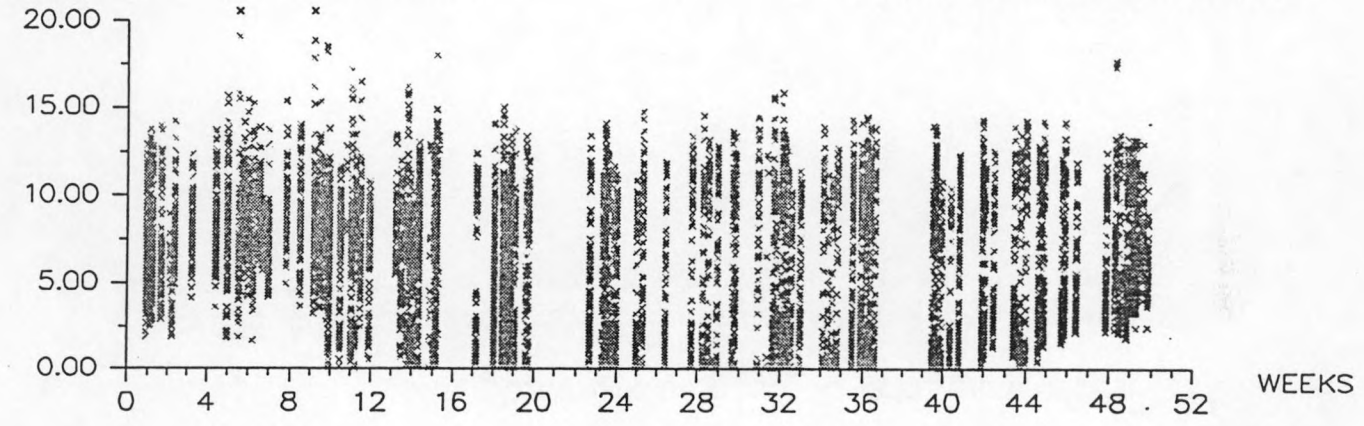
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

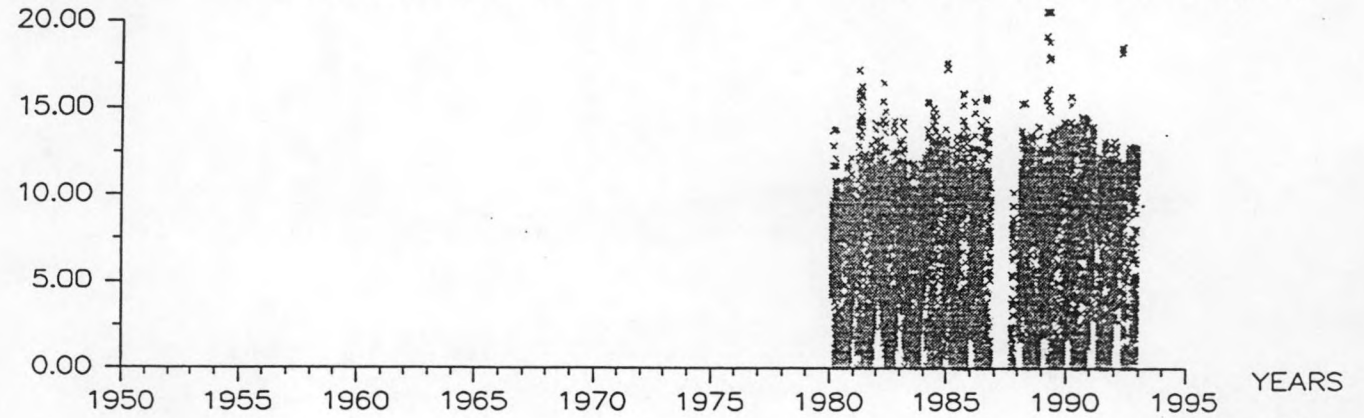
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 5

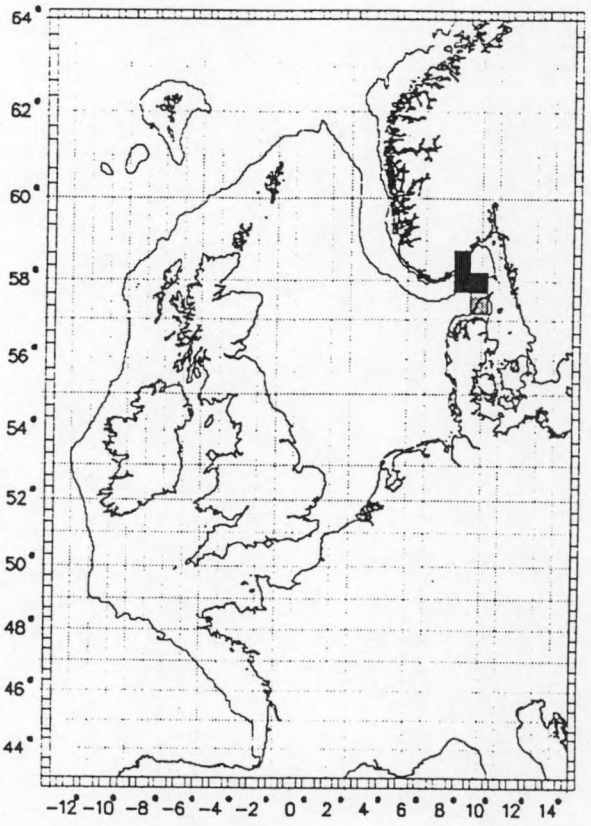


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002036601
ENAME : IMR/Danielssen, D. S.
UNITS : MYMOL/L
NO. OF DATA : 12748
NO. OF POSITIONS : 13



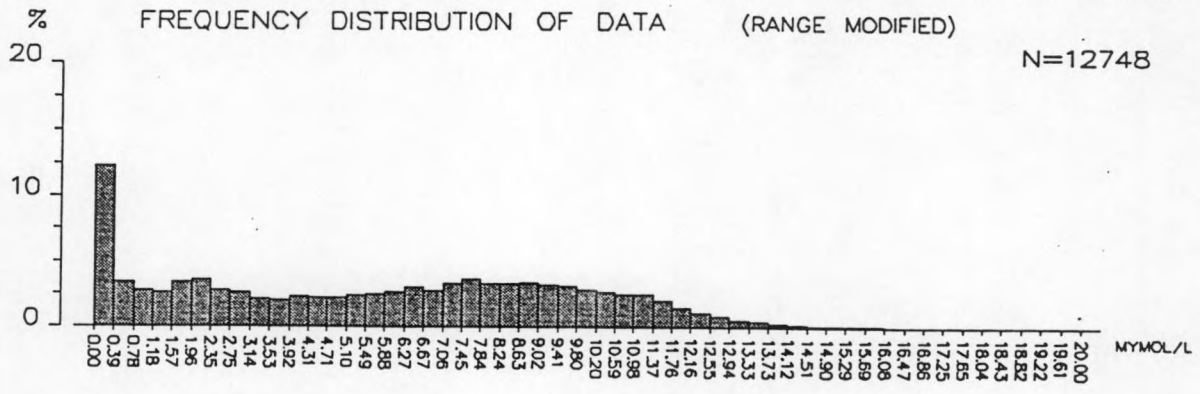
NO. OF DATA/AREA :
(without longterm data series !)

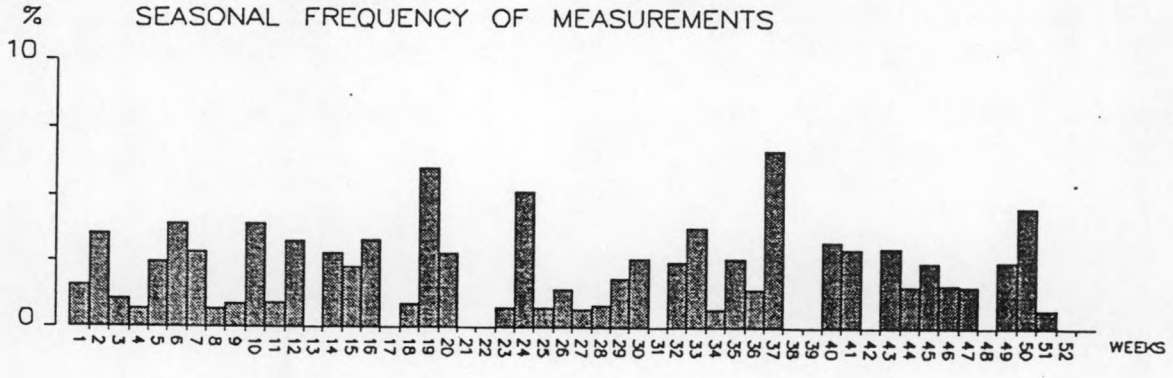
< 4610	< 1975
< 3951	< 1317
< 3292	< 658
< 2634	= 0

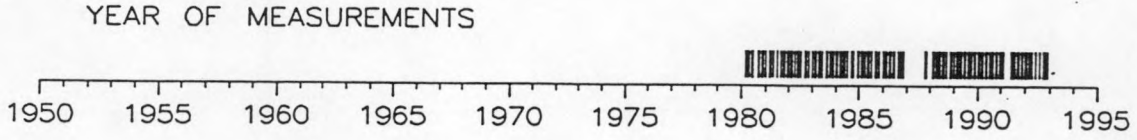
MINIMUM : 0.01
MAXIMUM : 26.60

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002020001

ENAME : IOCB/Brockmann, U., Un.

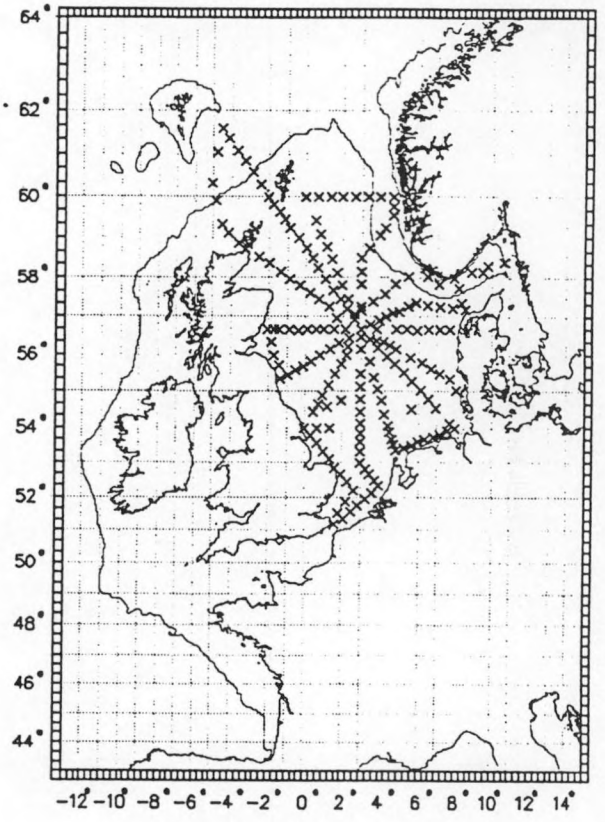
UNITS : MYMOL/L

NO. OF POSITIONS : 202

NO. OF DATA : 1491

MINIMUM : 0.00

MAXIMUM : 30.30



NO. OF DATA OUT OF RANGE : 25

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

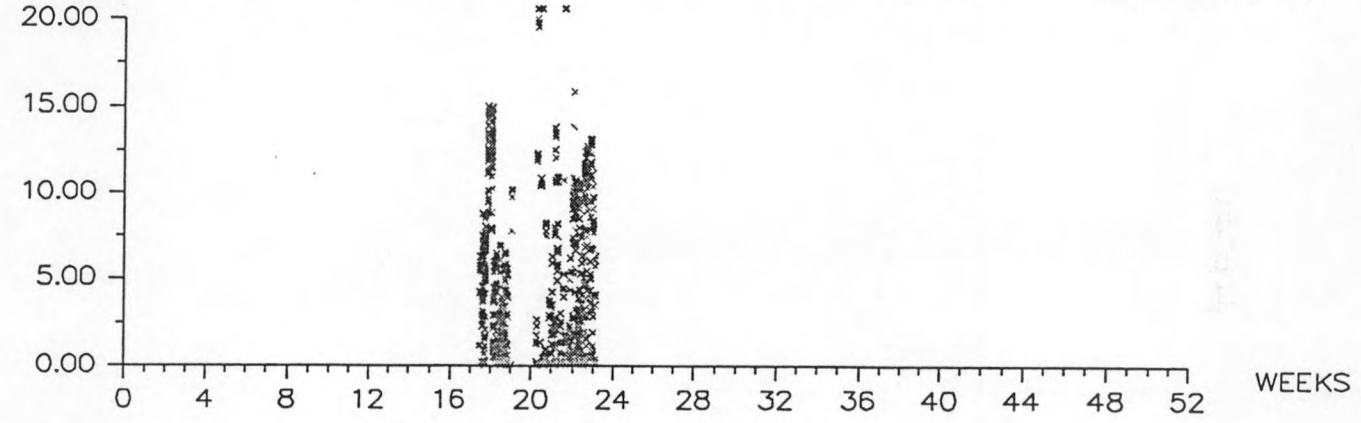
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

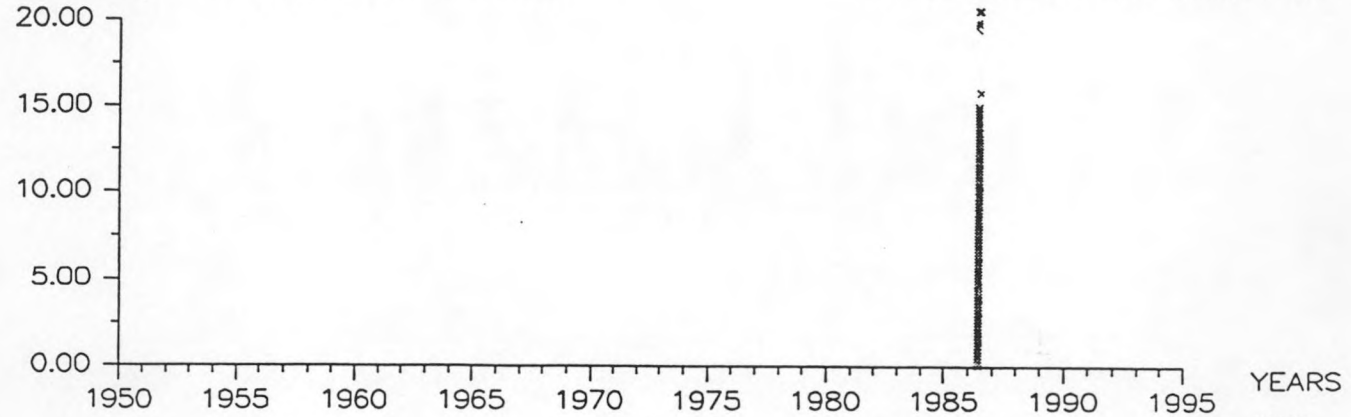
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 25



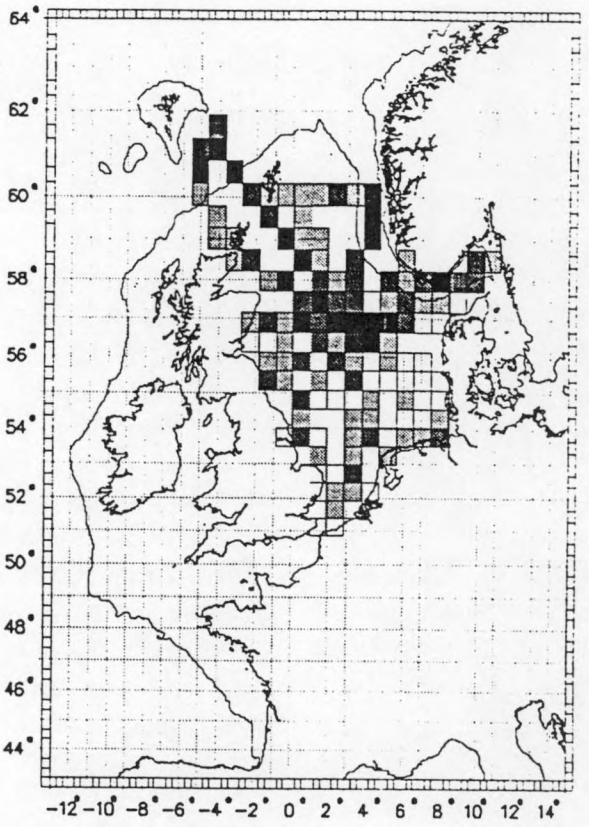
96–06–13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002020001
ENAME : IOCB/Brockmann, U., Un.
UNITS : MYMOL/L
NO. OF DATA : 1491
NO. OF POSITIONS : 202



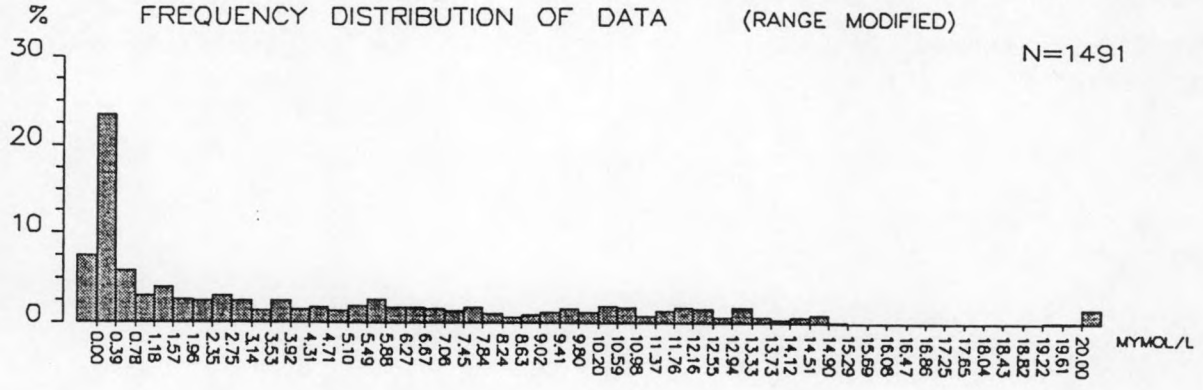
NO. OF DATA/AREA :
(without longterm data series !)

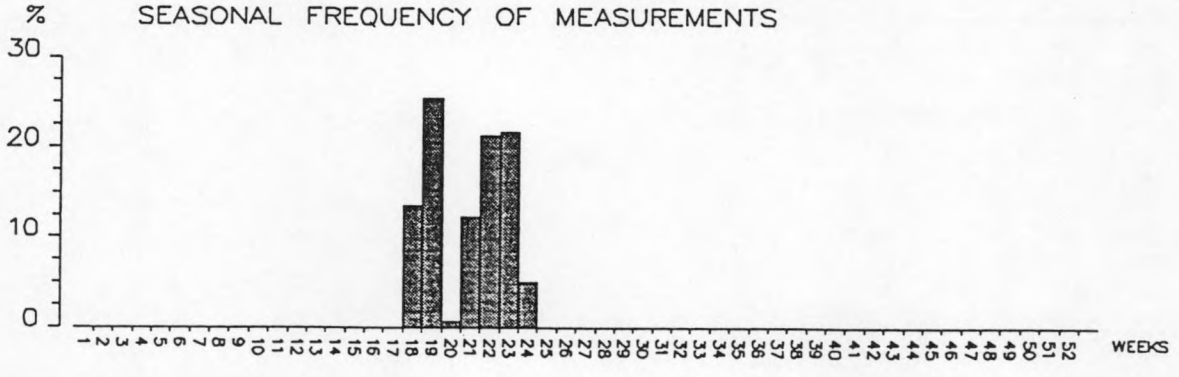
< 42	< 18
< 36	< 12
< 30	< 6
< 24	= 0

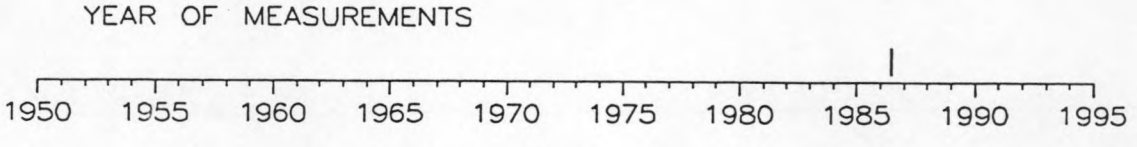
MINIMUM : 0.00
MAXIMUM : 30.30

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002020101

ENAME : IOW

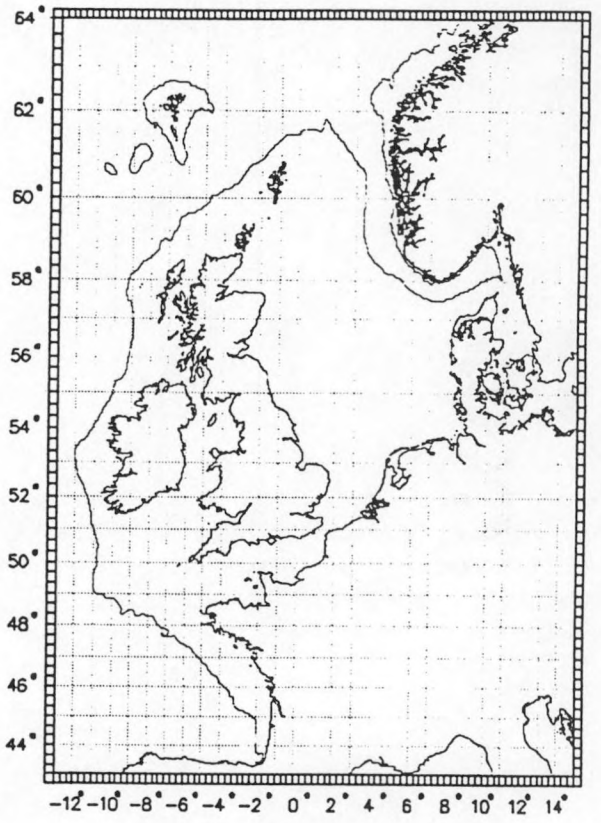
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 224

MINIMUM : 0.04

MAXIMUM : 30.40



NO. OF DATA OUT OF RANGE : 2

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

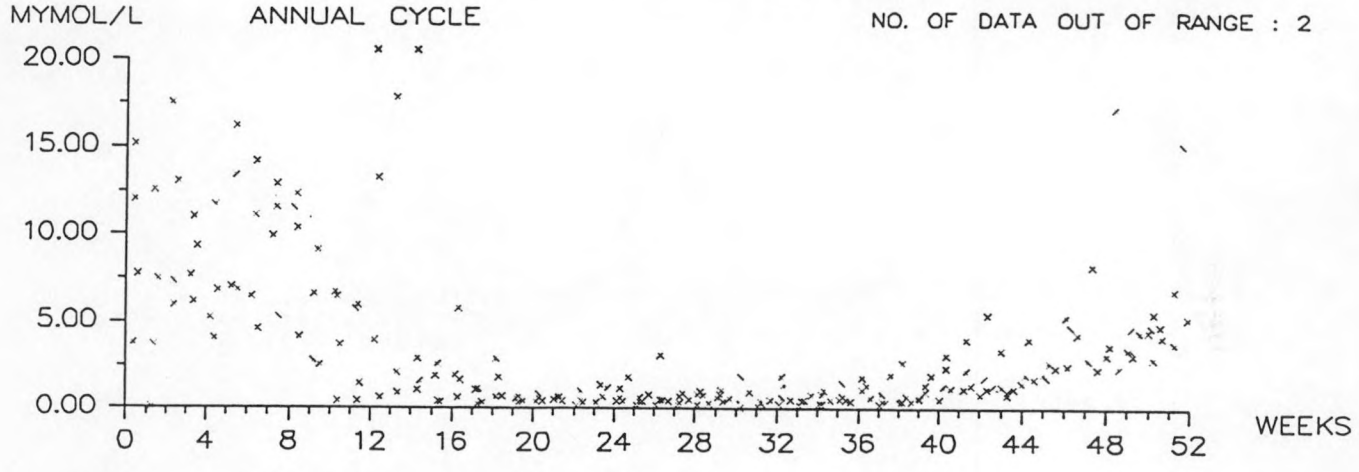
FIRST WEEK : 1

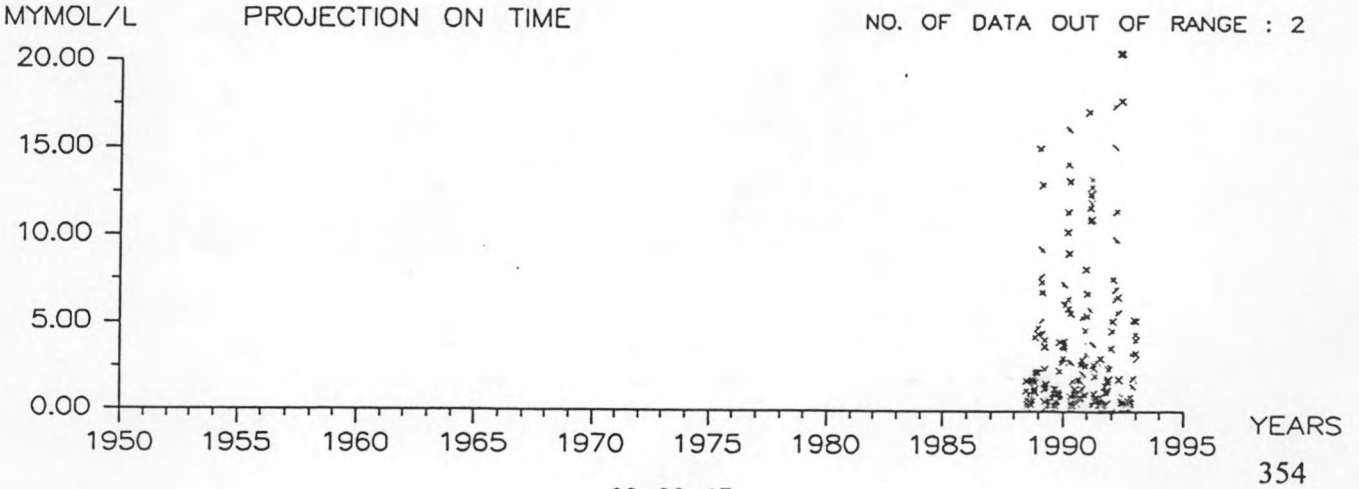
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





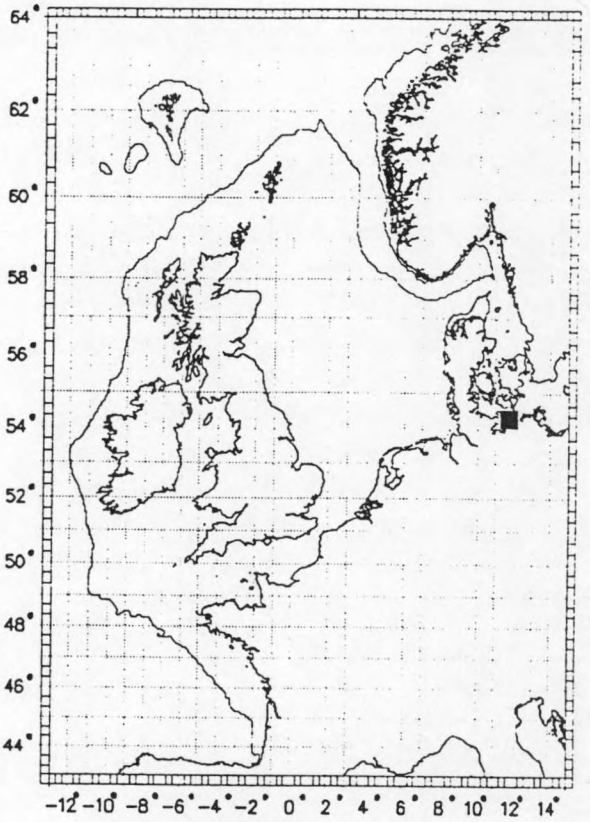
96–06–13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002020101
ENAME : IOW
UNITS : MYMOL/L
NO. OF DATA : 224
NO. OF POSITIONS : 1



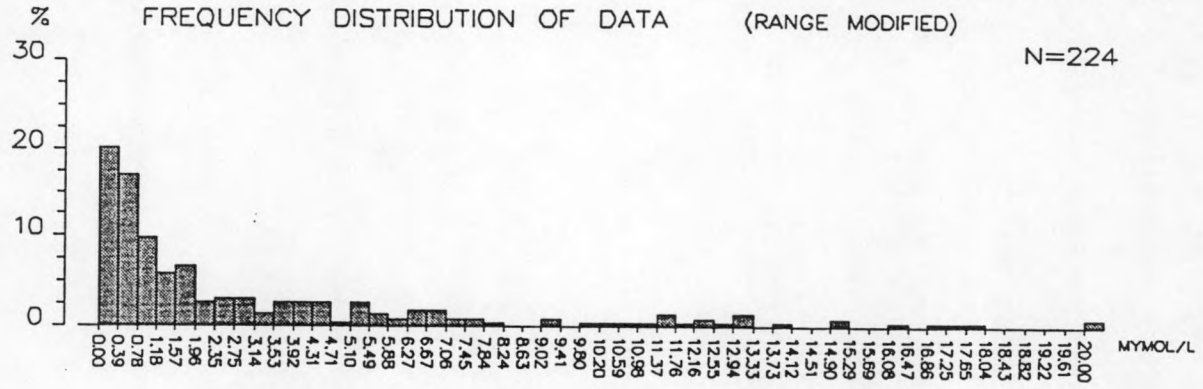
NO. OF DATA/AREA :
(without longterm data series !)

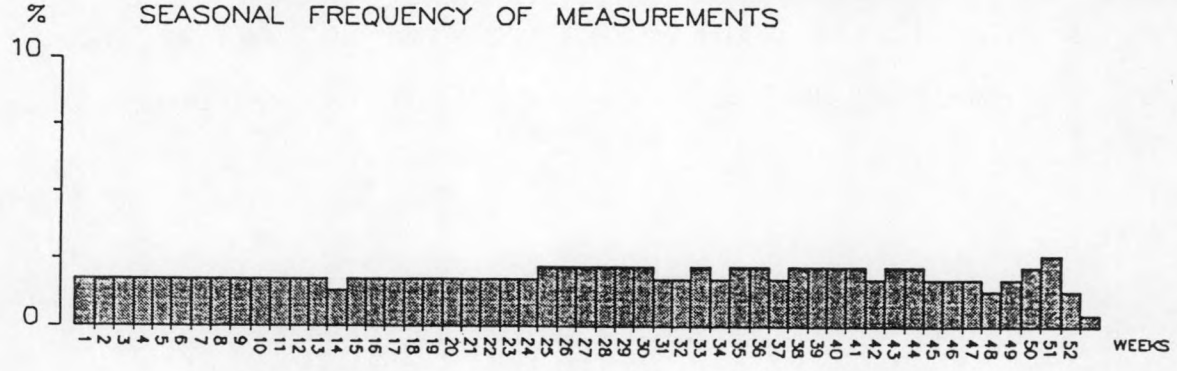
<	224	<	96
<	192	<	64
<	160	<	32
<	128	=	0

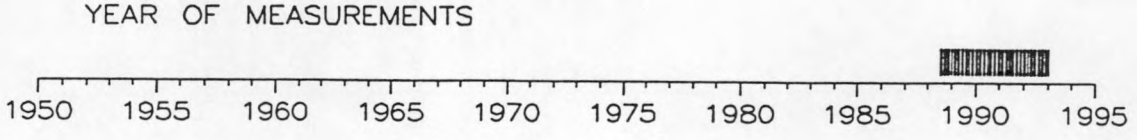
MINIMUM : 0.04
MAXIMUM : 30.40

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002030097

ENAME : IOW

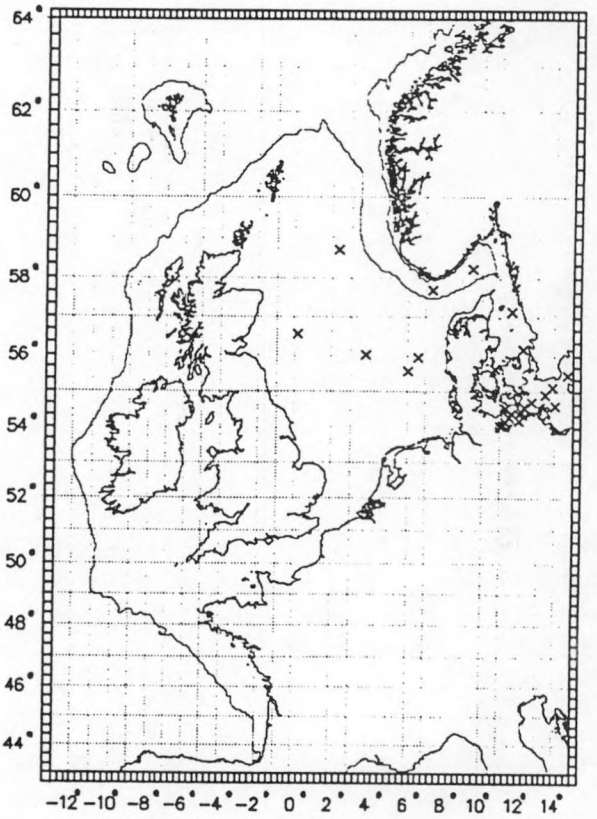
UNITS : MYMOL/L

NO. OF POSITIONS : 25

NO. OF DATA : 19608

MINIMUM : 0.00

MAXIMUM : 57.49



NO. OF DATA OUT OF RANGE : 72

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

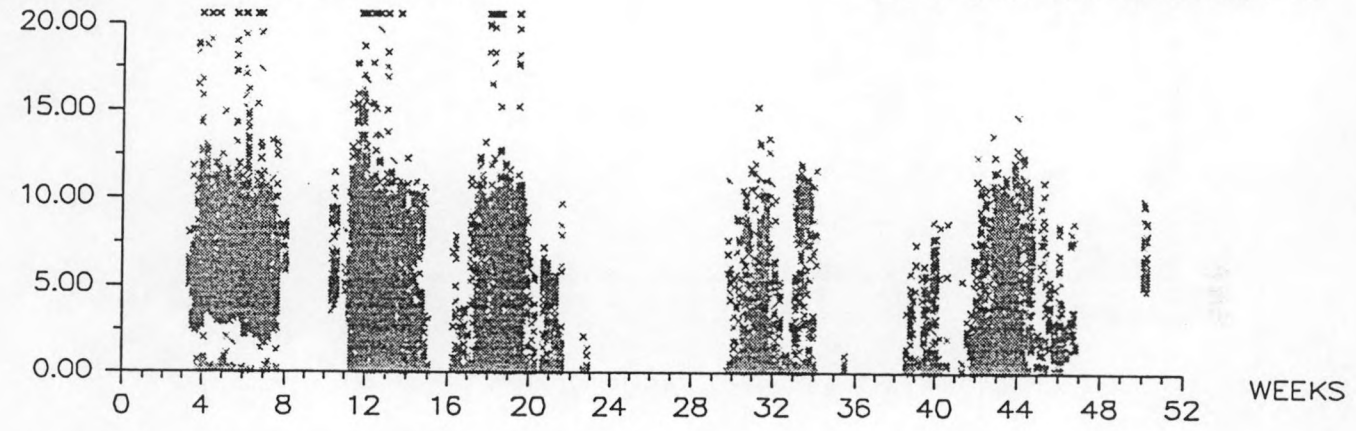
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

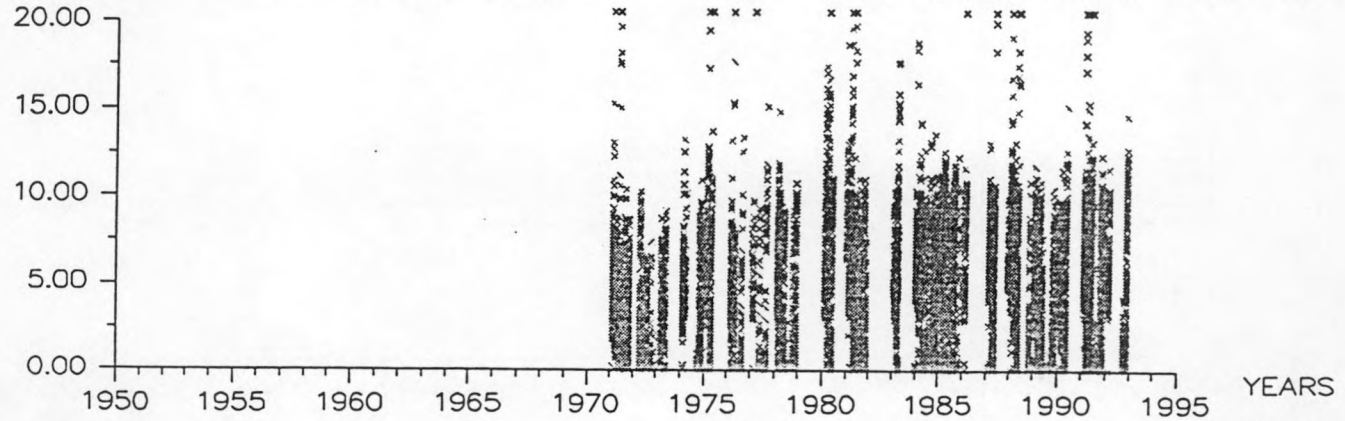
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 72



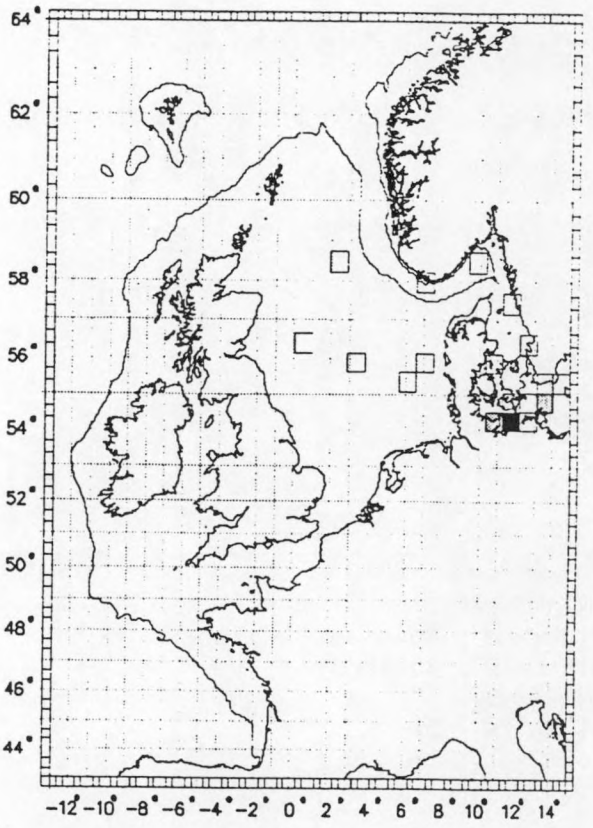
96–06–13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002030097
ENAME : IOW
UNITS : MYMOL/L
NO. OF DATA : 19608
NO. OF POSITIONS : 25



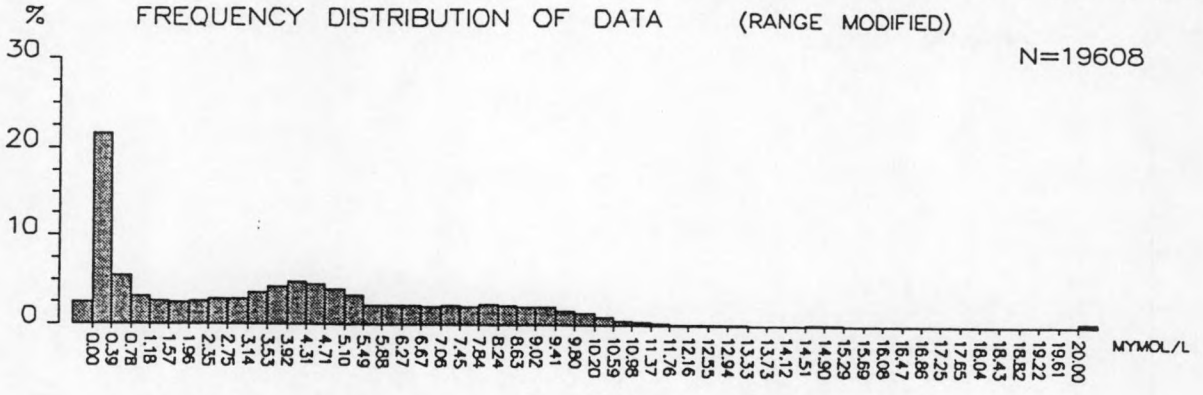
NO. OF DATA/AREA :
(without longterm data series !)

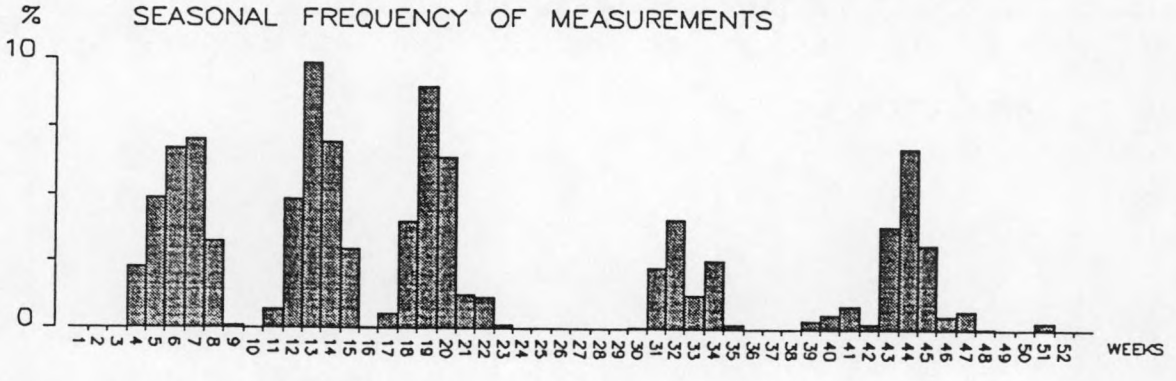
<	10913	<	4677
<	9354	<	3118
<	7795	<	1559
<	6236	=	0

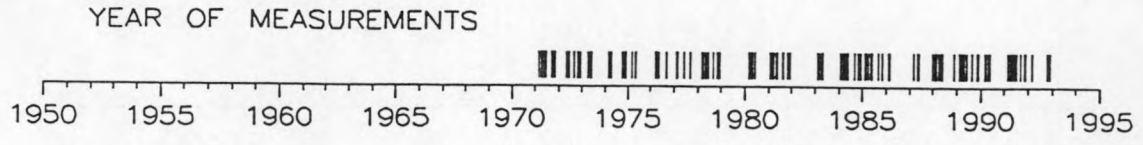
MINIMUM : 0.00
MAXIMUM : 57.49

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002035101

ENAME : MBA/Southward, A.J.

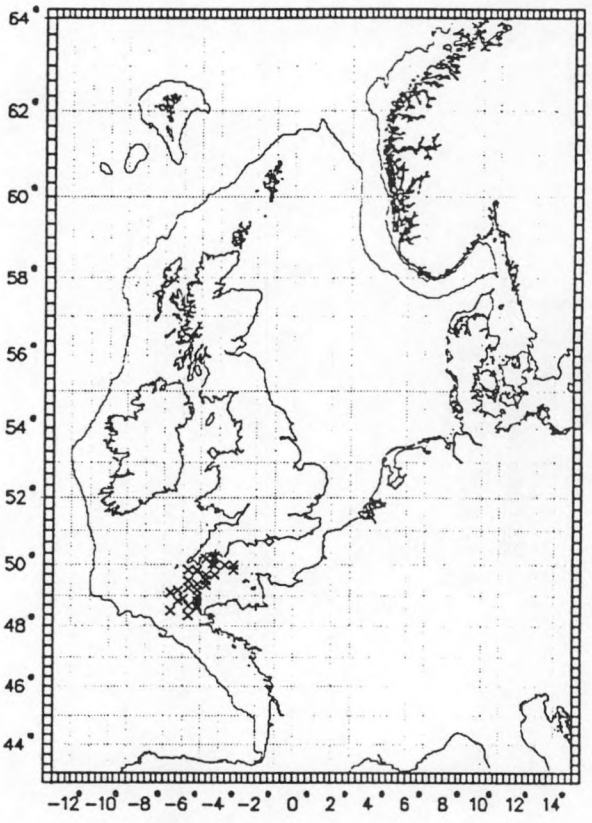
UNITS : MYMOL/L

NO. OF POSITIONS : 31

NO. OF DATA : 1722

MINIMUM : 0.00

MAXIMUM : 14.18



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

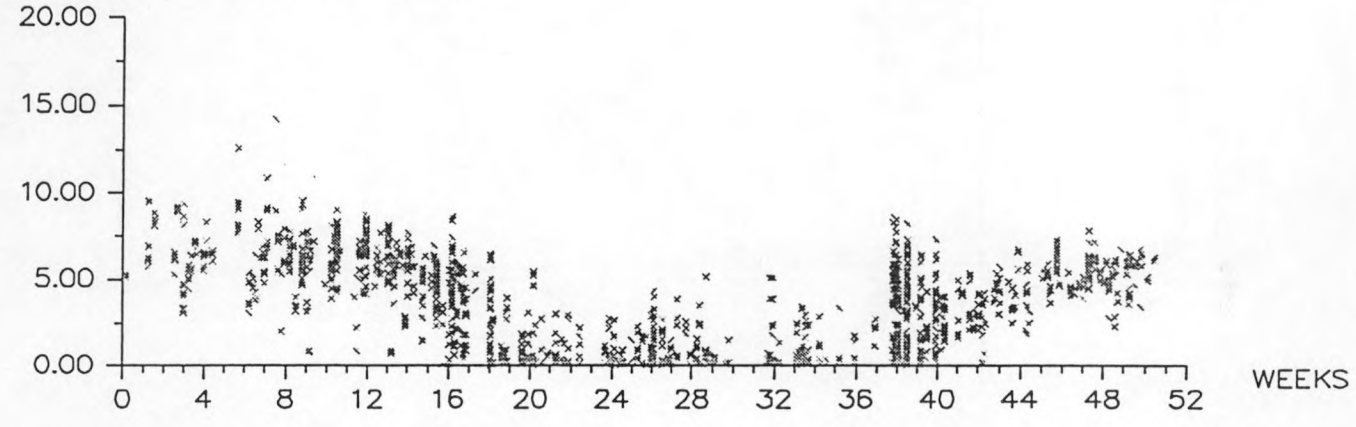
LAST WEEK : 53

DEPTH–RANGE

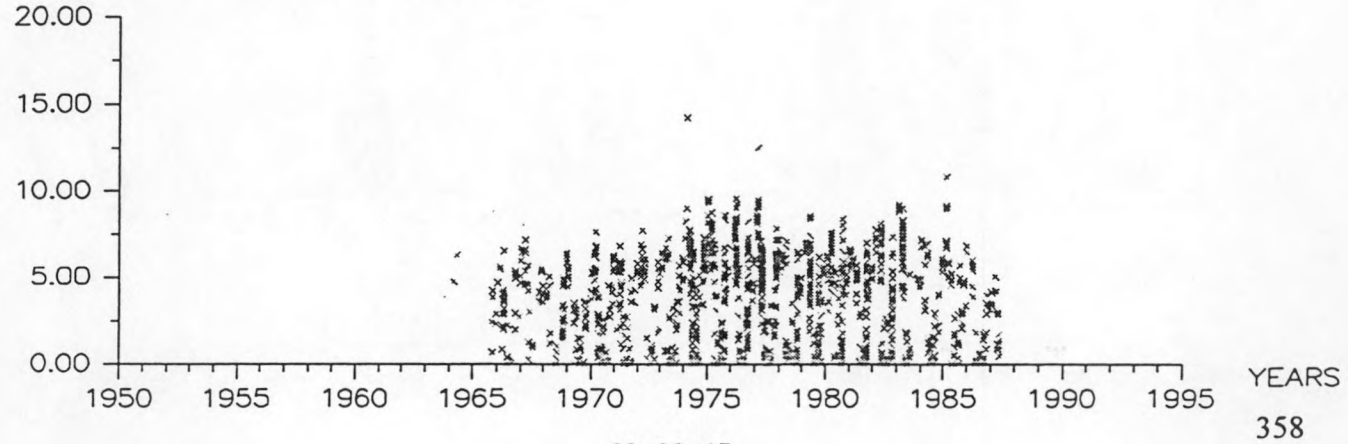
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



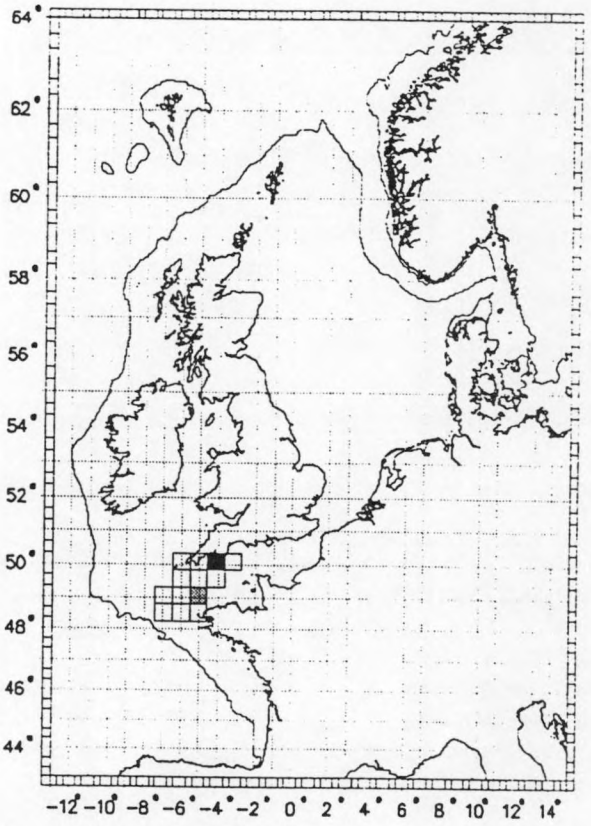
96–06–13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002035101
ENAME : MBA/Southward, A.J.
UNITS : MYMOL/L
NO. OF DATA : 1722
NO. OF POSITIONS : 31



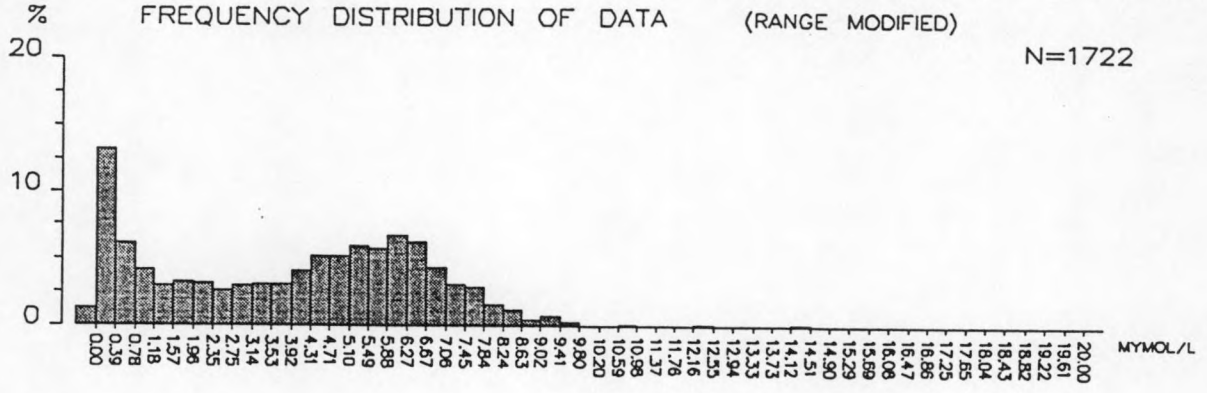
NO. OF DATA/AREA :
(without longterm data series !)

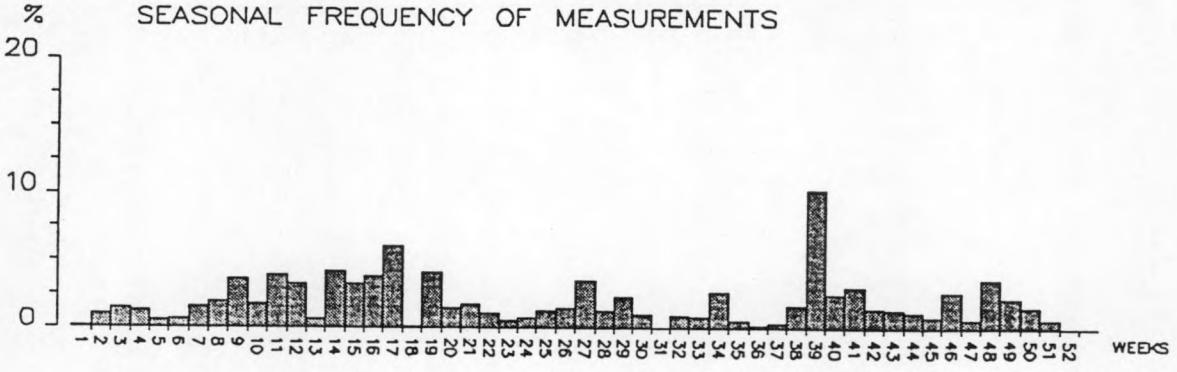
< 1151	< 493
< 986	< 328
< 822	< 164
< 657	= 0

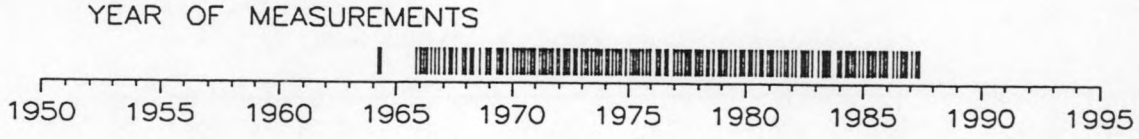
MINIMUM : 0.00
MAXIMUM : 14.18

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–13

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002101501

ENAME : MUMM (OOST)

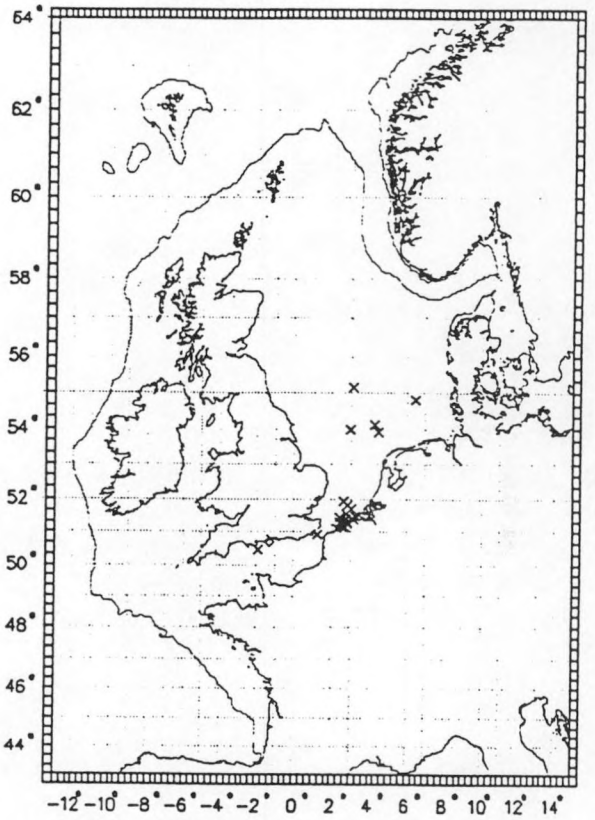
UNITS : MYMOL/L

NO. OF POSITIONS : 26

NO. OF DATA : 91

MINIMUM : 0.10

MAXIMUM : 80.80



NO. OF DATA OUT OF RANGE : 9

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

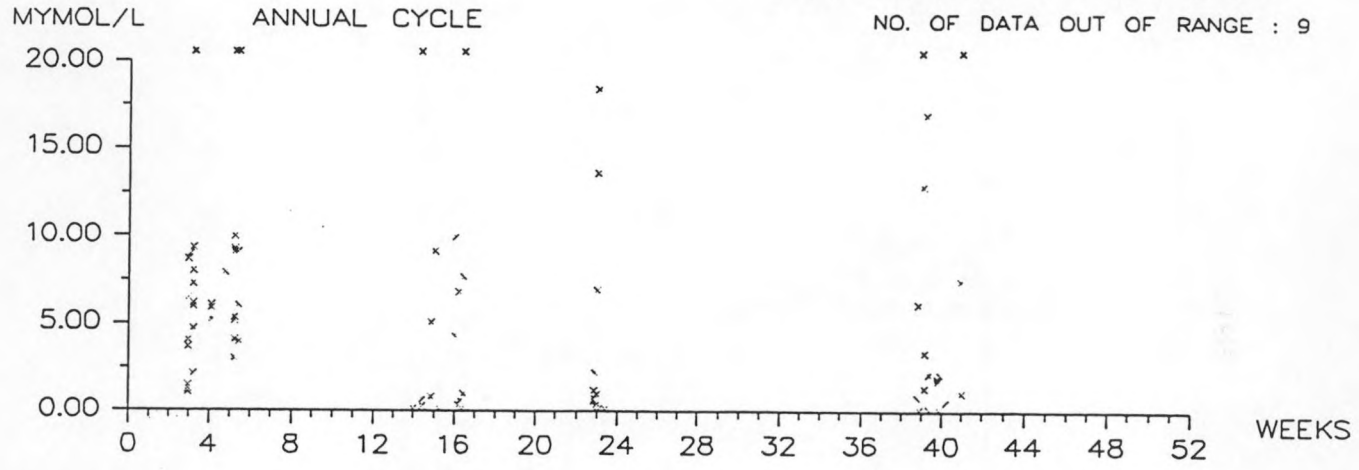
FIRST WEEK : 1

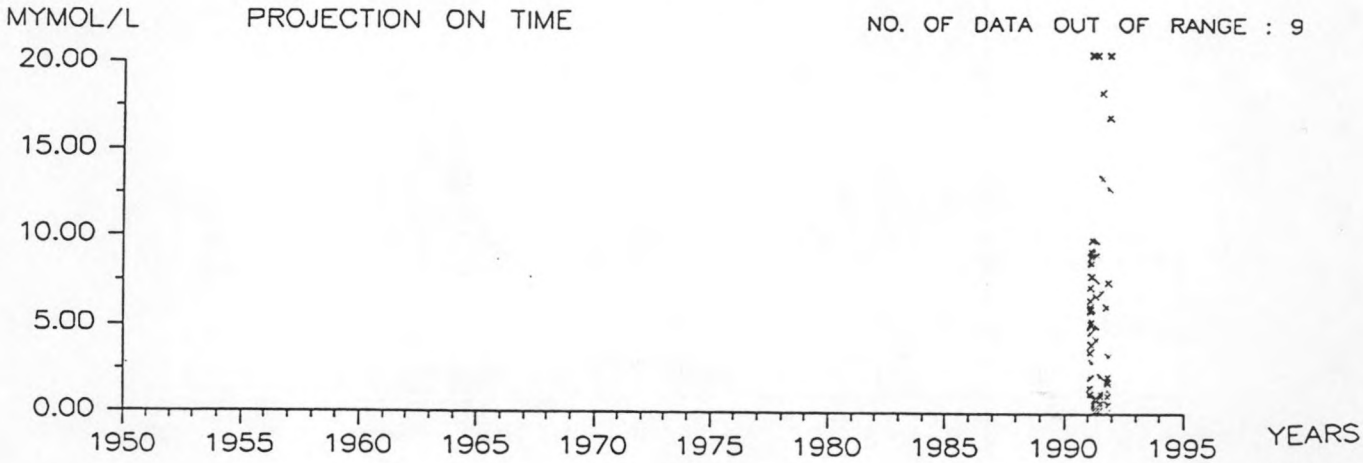
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





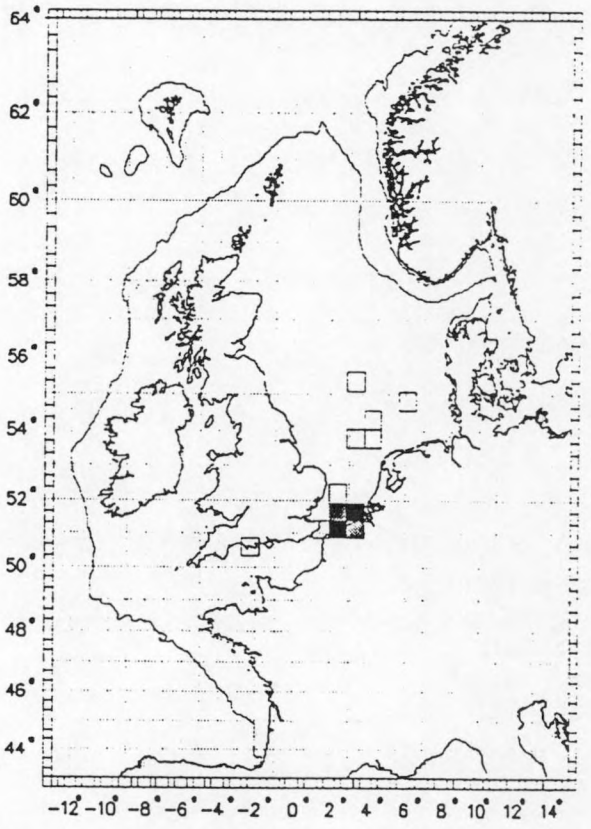
96–06–13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002101501
ENAME : MUMM (OOST)
UNITS : MYMOL/L
NO. OF DATA : 91
NO. OF POSITIONS : 26



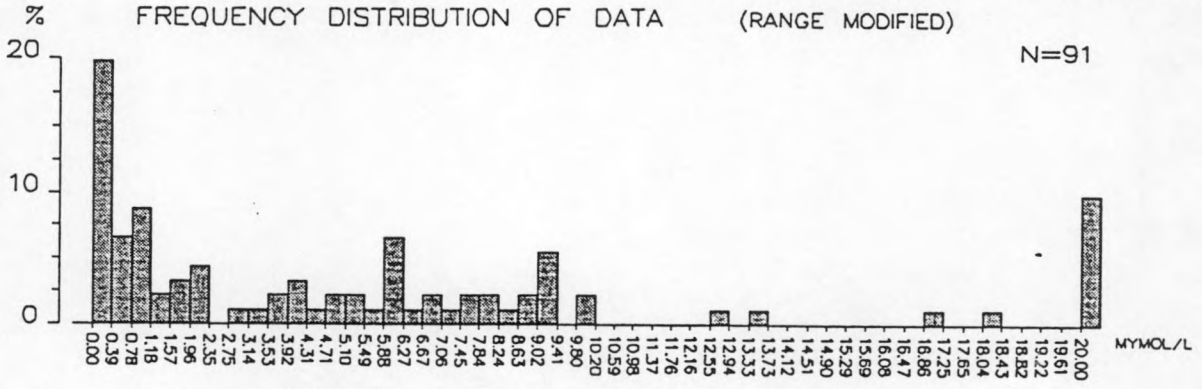
NO. OF DATA/AREA :
(without longterm data series !)

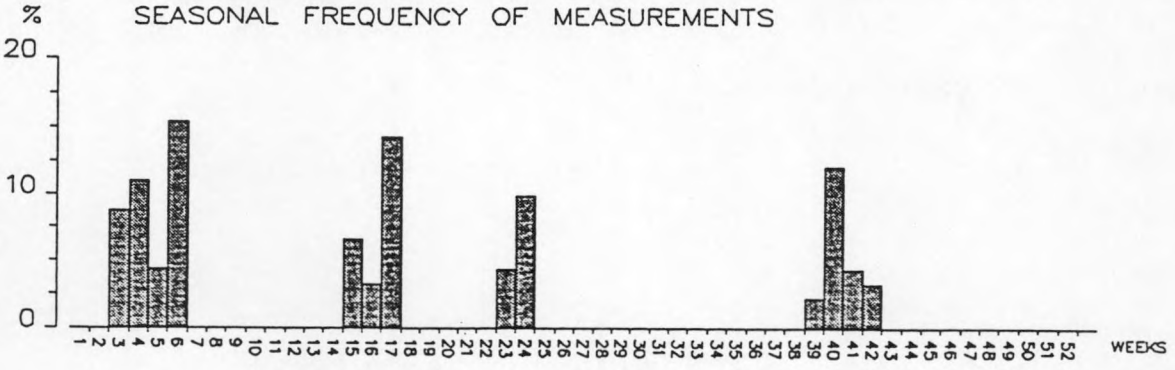
<	29	<	12
<	24	<	8
<	20	<	4
<	16	=	0

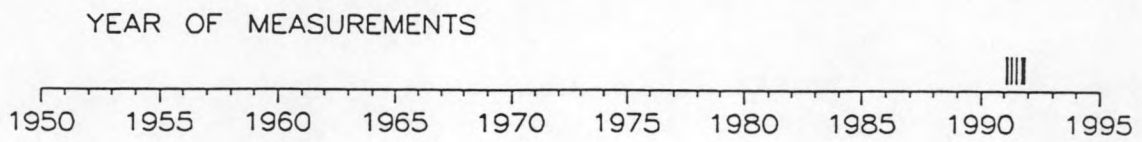
MINIMUM : 0.10
MAXIMUM : 80.80

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002014801

ENAME : Slinn, D.J. and Allen,.

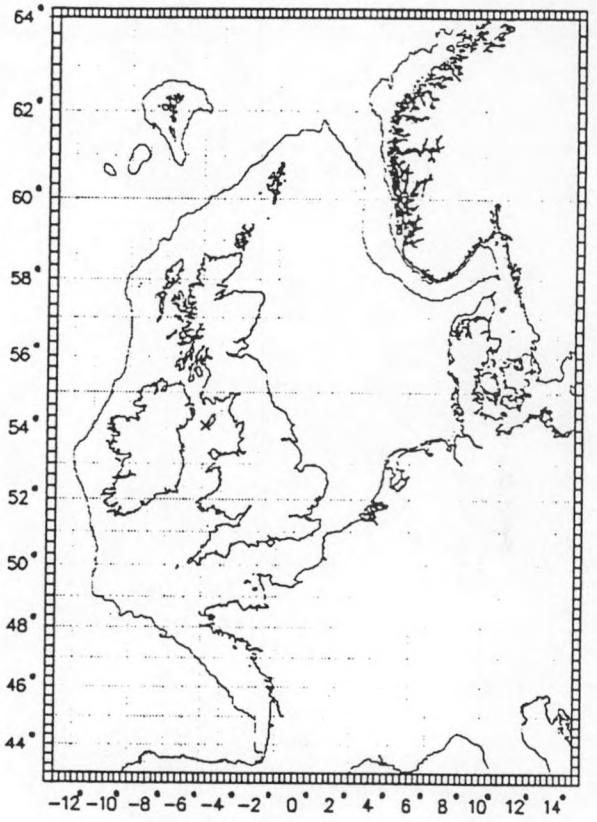
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 2460

MINIMUM : 0.10

MAXIMUM : 10.30



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

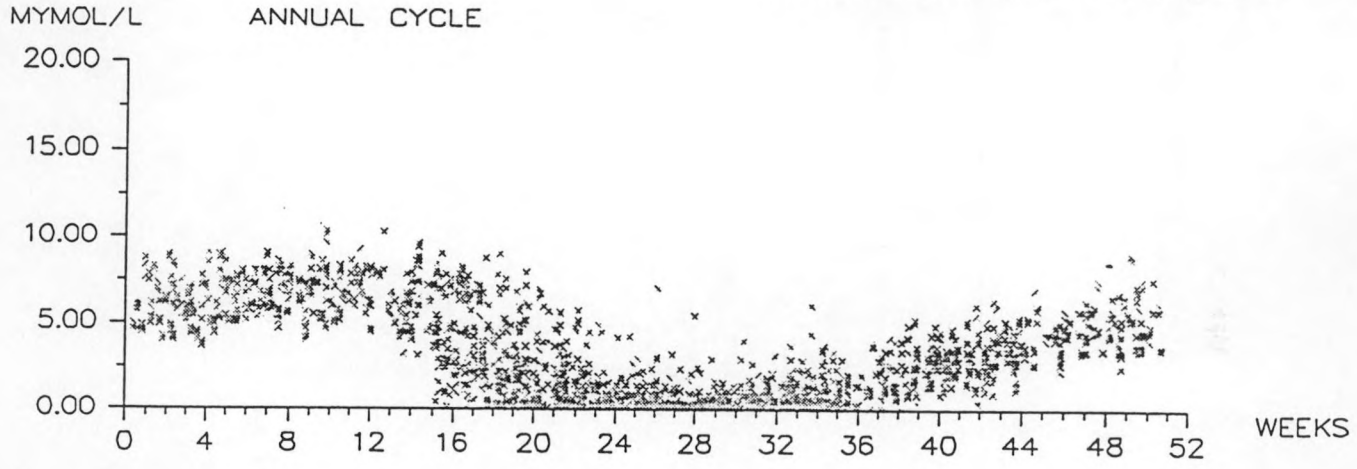
FIRST WEEK : 1

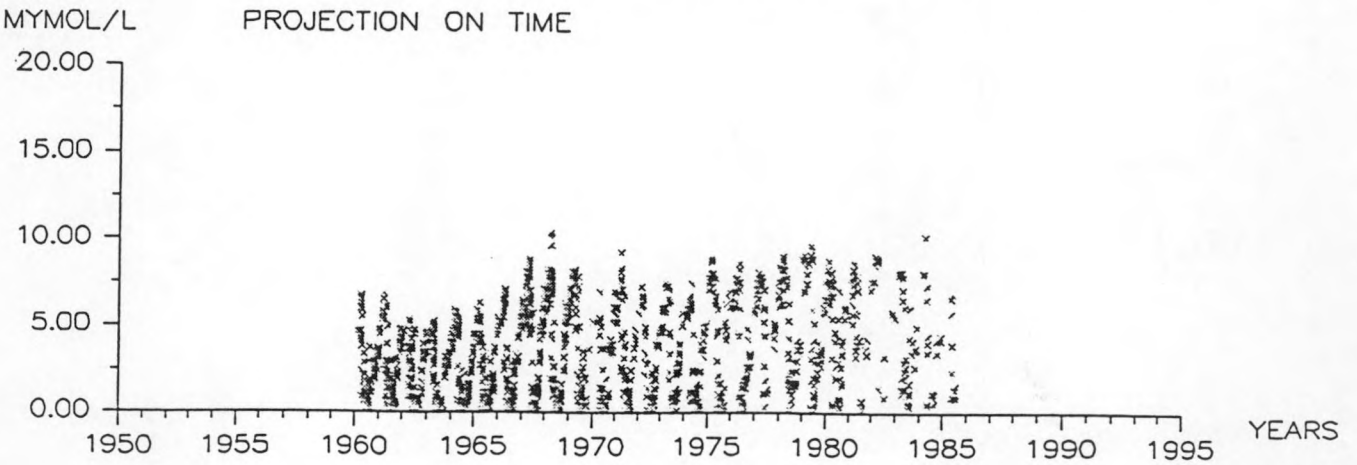
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



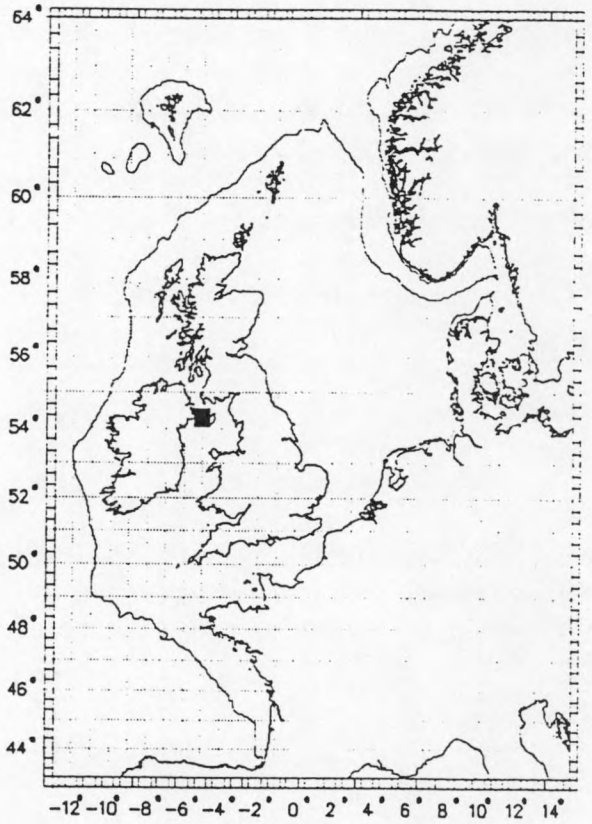


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002014801
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 2460
NO. OF POSITIONS : 1



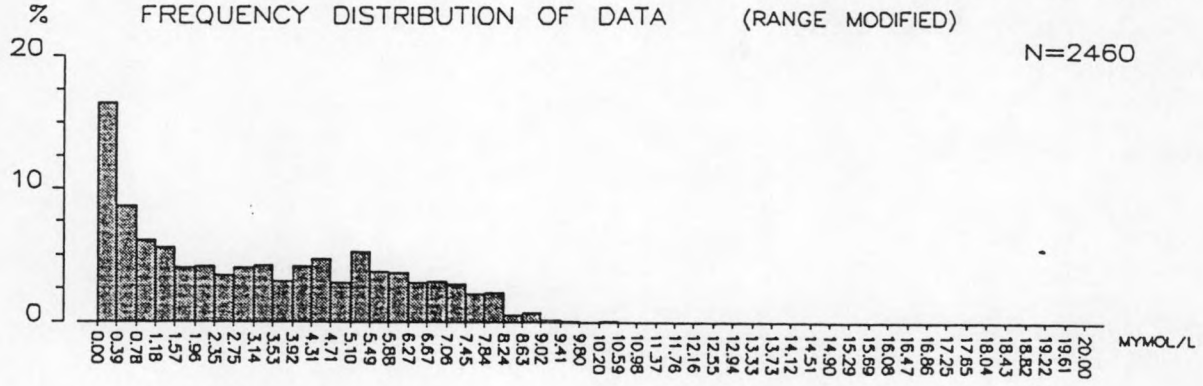
NO. OF DATA/AREA :
(without longterm data series !)

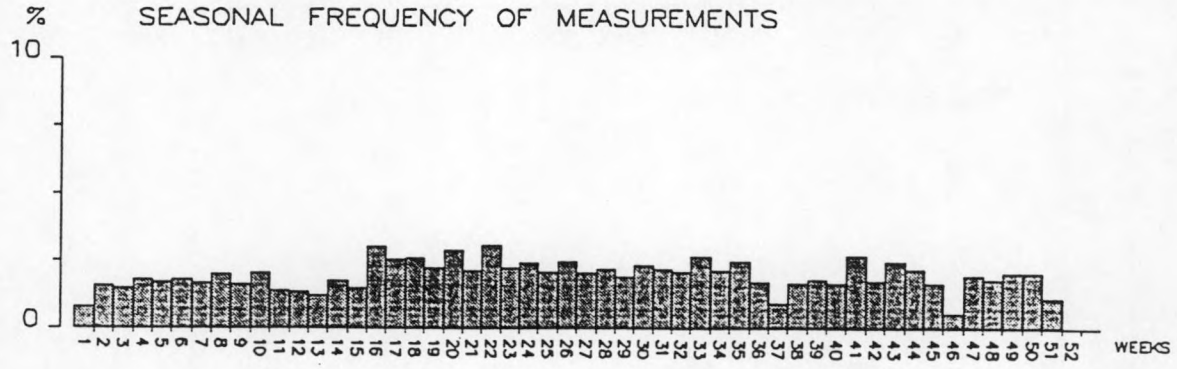
<	2460	<	1054
<	2108	<	702
<	1757	<	351
<	1405	=	0

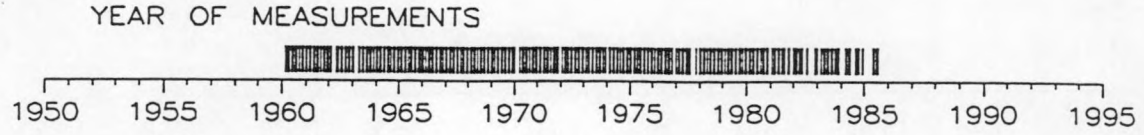
MINIMUM : 0.10
MAXIMUM : 10.30

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–13

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002014901

ENAME : Slinn, D.J. and Allen,.

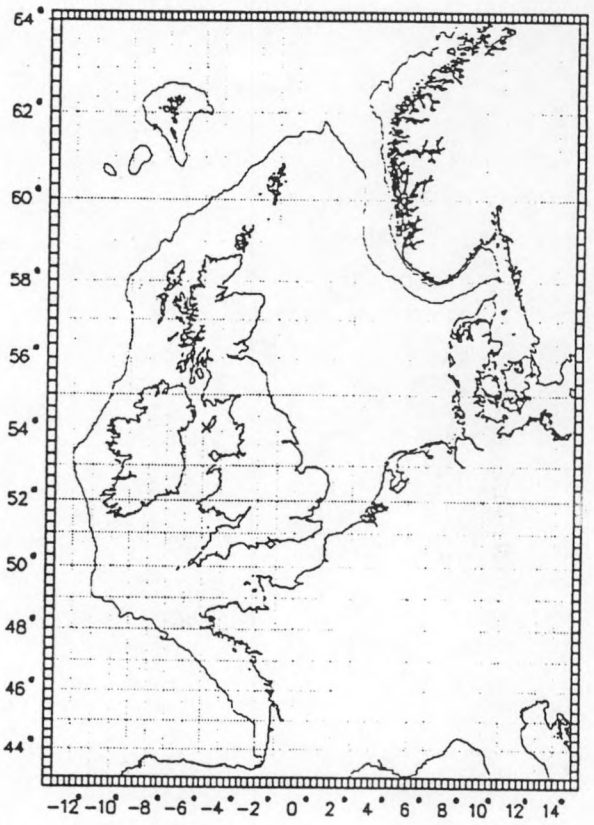
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 62

MINIMUM : 0.10

MAXIMUM : 14.70



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

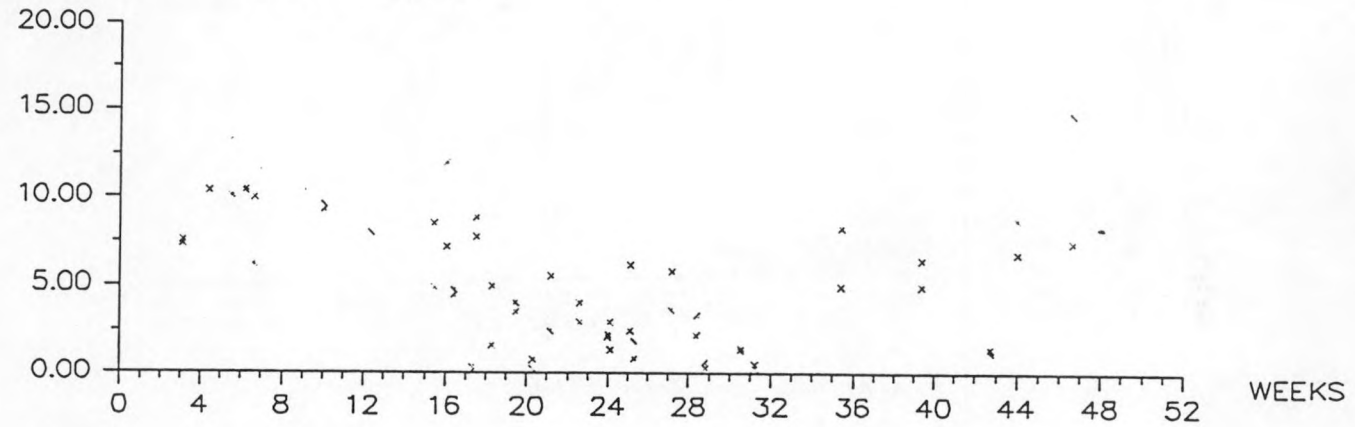
LAST WEEK : 53

DEPTH–RANGE

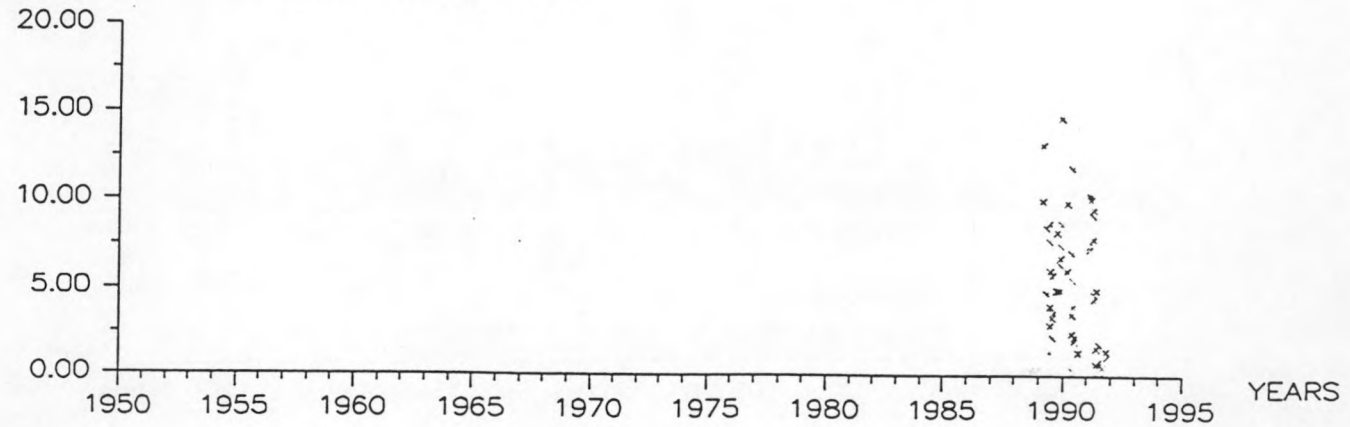
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



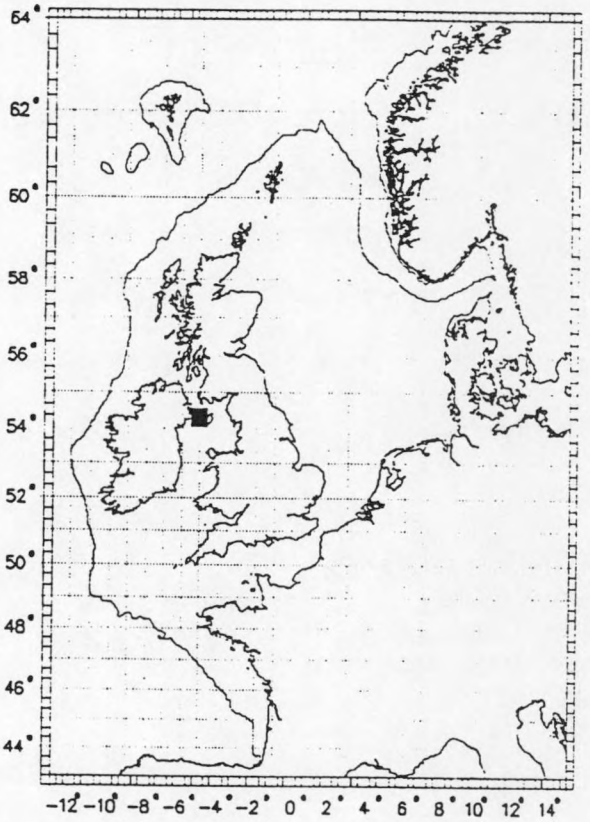
96–06–13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002014901
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 62
NO. OF POSITIONS : 1



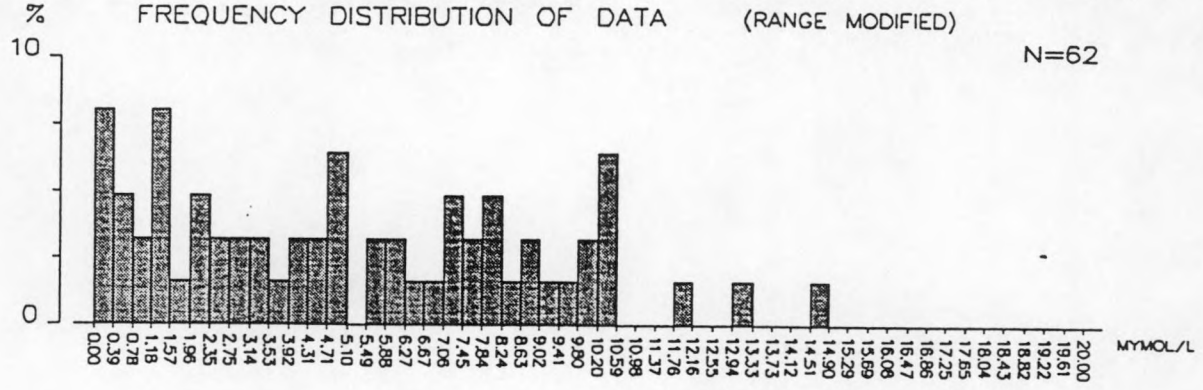
NO. OF DATA/AREA :
(without longterm data series !)

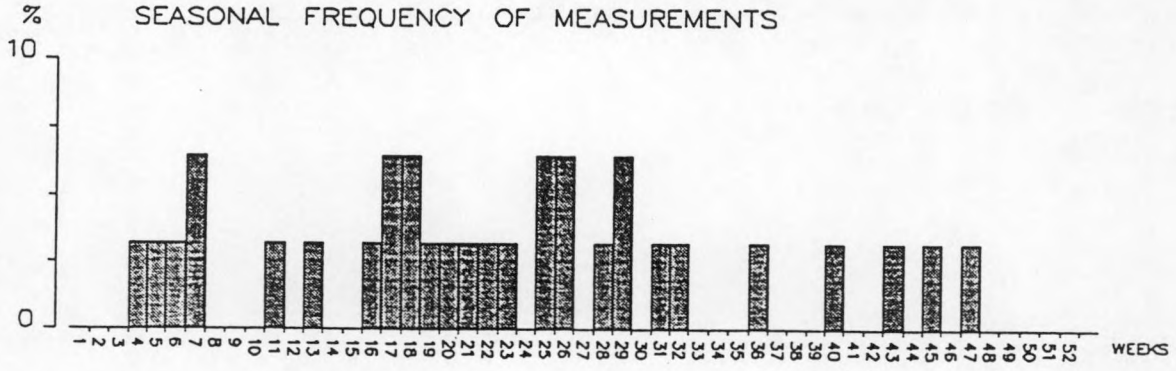
< 62	< 26
< 53	< 17
< 44	< 8
< 35	= 0

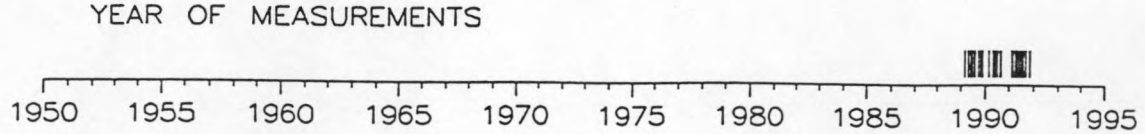
MINIMUM : 0.10
MAXIMUM : 14.70

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





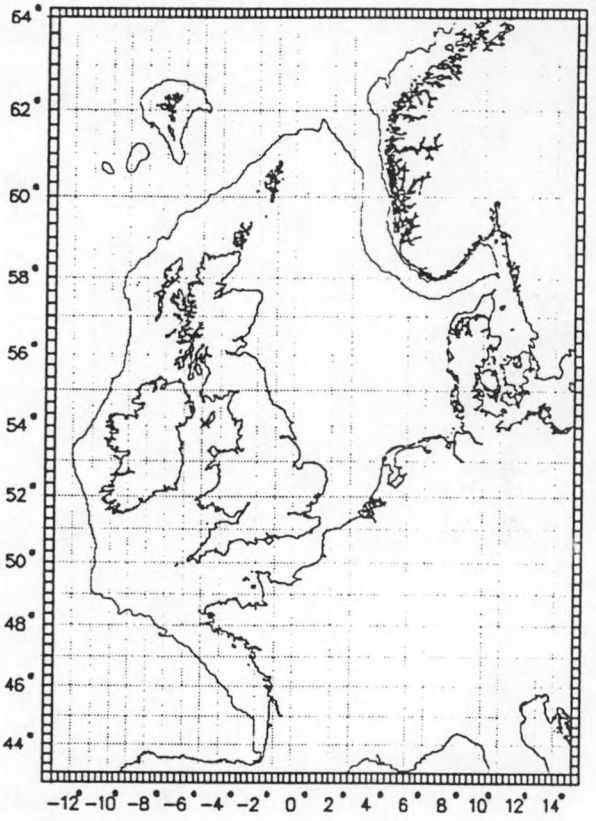


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

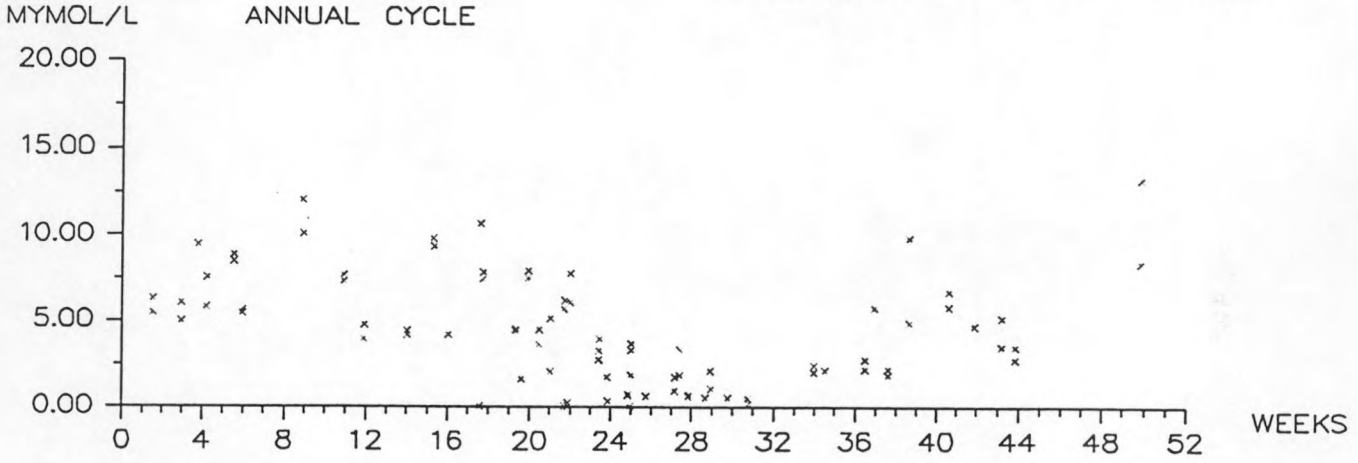
NITRATE–N (NO3)

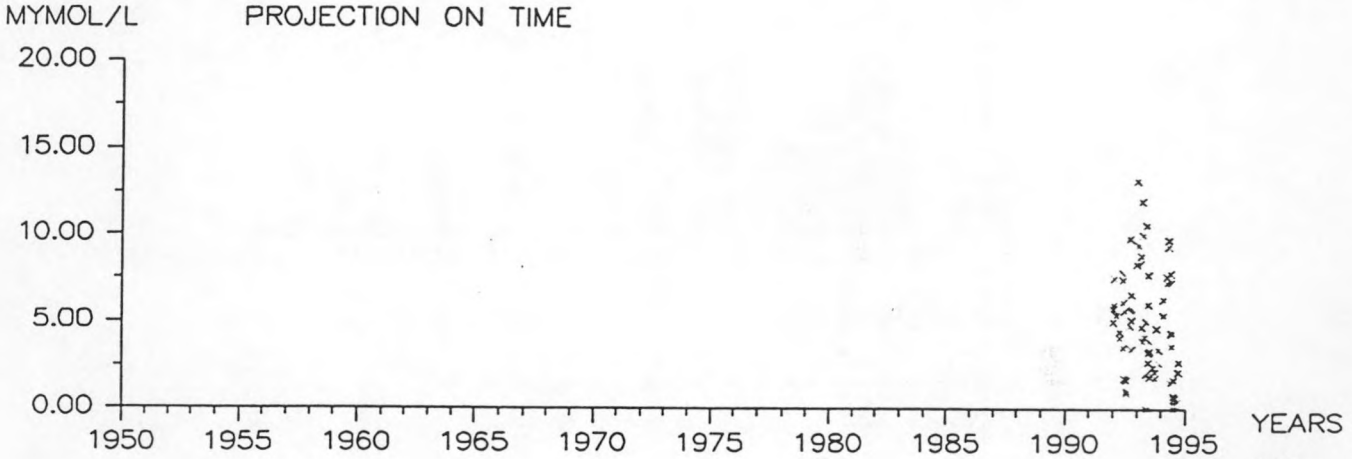
PCODE : 5002015001
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF POSITIONS : 1
NO. OF DATA : 91
MINIMUM : 0.00
MAXIMUM : 13.09



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



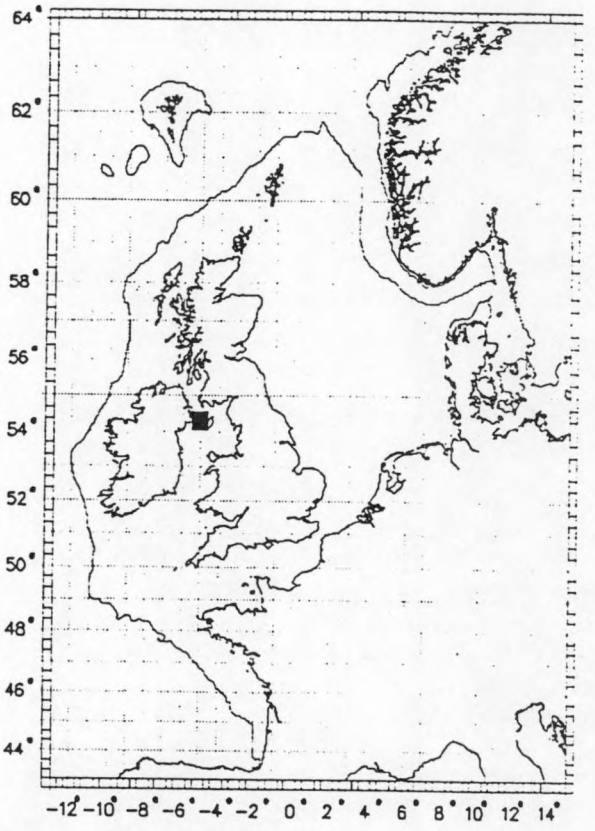


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002015001
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 91
NO. OF POSITIONS : 1



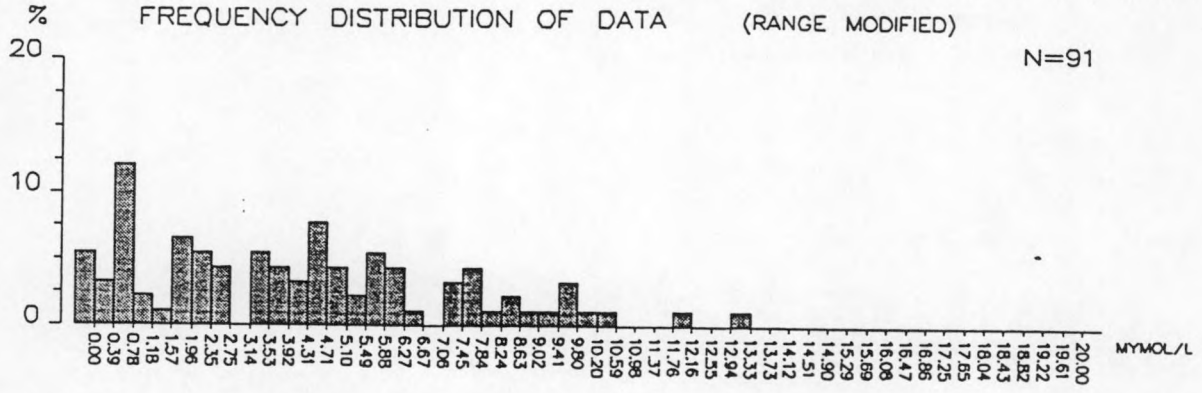
NO. OF DATA/AREA :
(without longterm data series !)

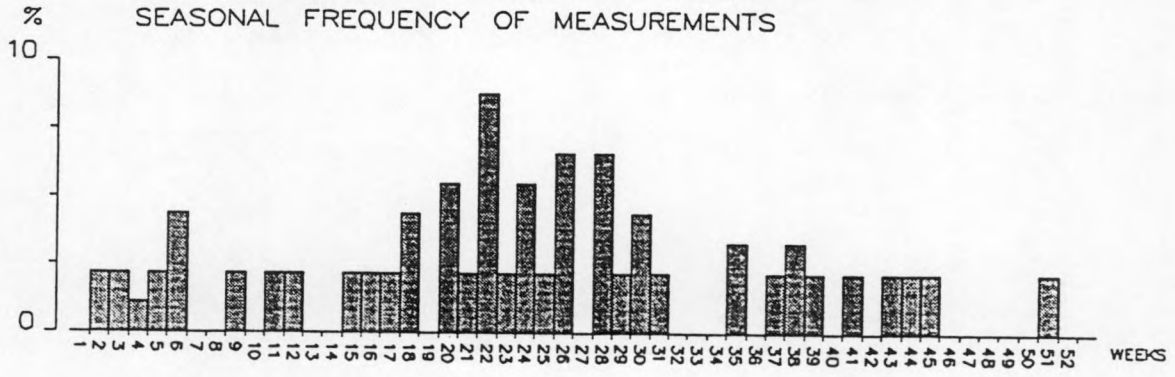
<	91	<	39
<	78	< <	26
<	65	< <	13
<	52	=	0

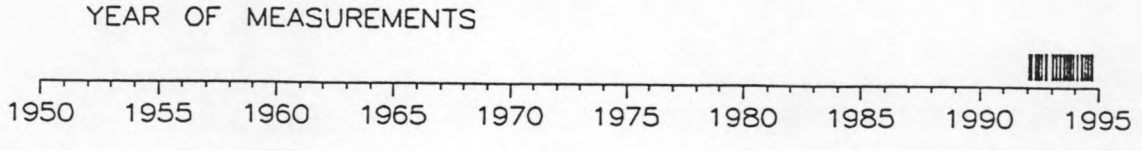
MINIMUM : 0.00
MAXIMUM : 13.09

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

PCODE : 5002012301

ENAME : RWS / Laane, R.

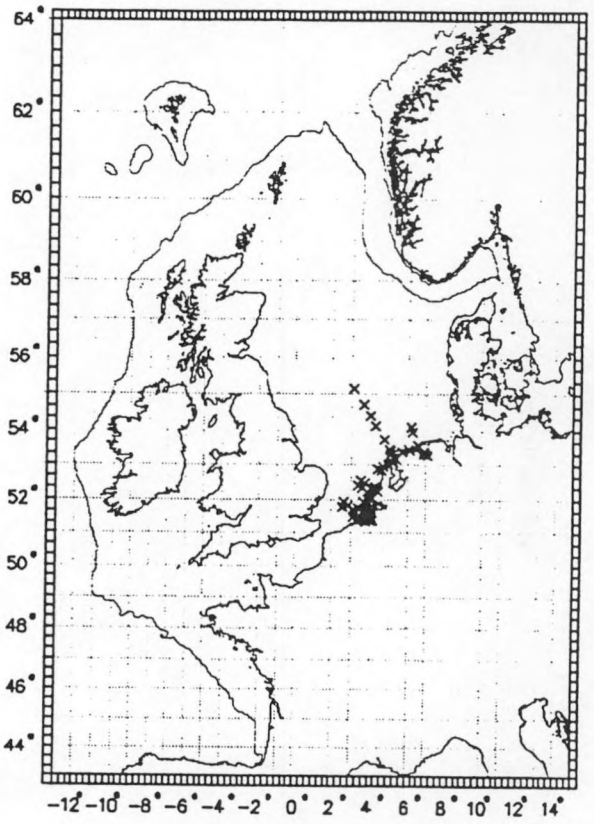
UNITS : MYMOL/L

NO. OF POSITIONS : 75

NO. OF DATA : 4567

MINIMUM : 0.71

MAXIMUM : 500.40



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

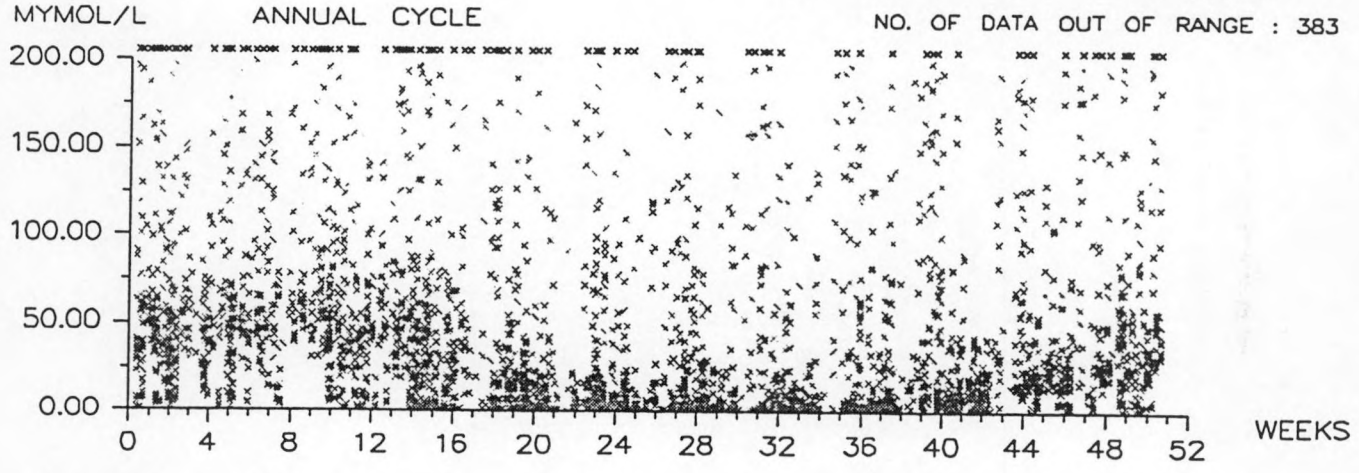
FIRST WEEK : 1

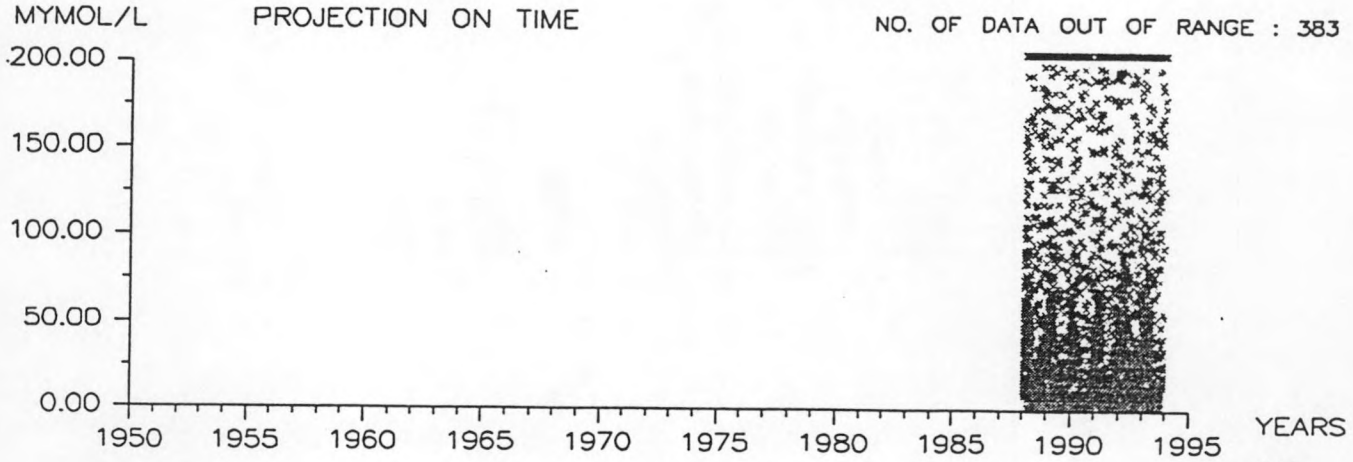
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



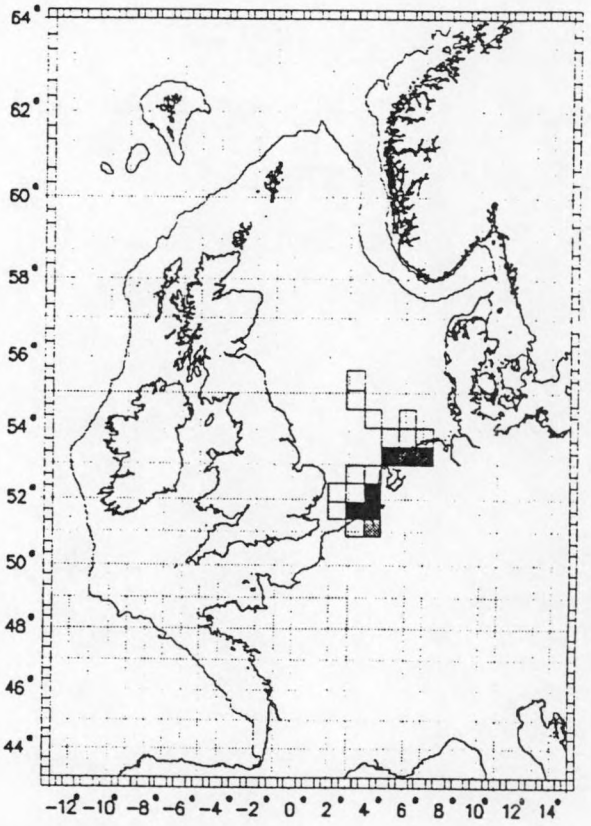


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002012301
ENAME : RWS / Laane, R.
UNITS : MYMOL/L
NO. OF DATA : 4567
NO. OF POSITIONS : 75



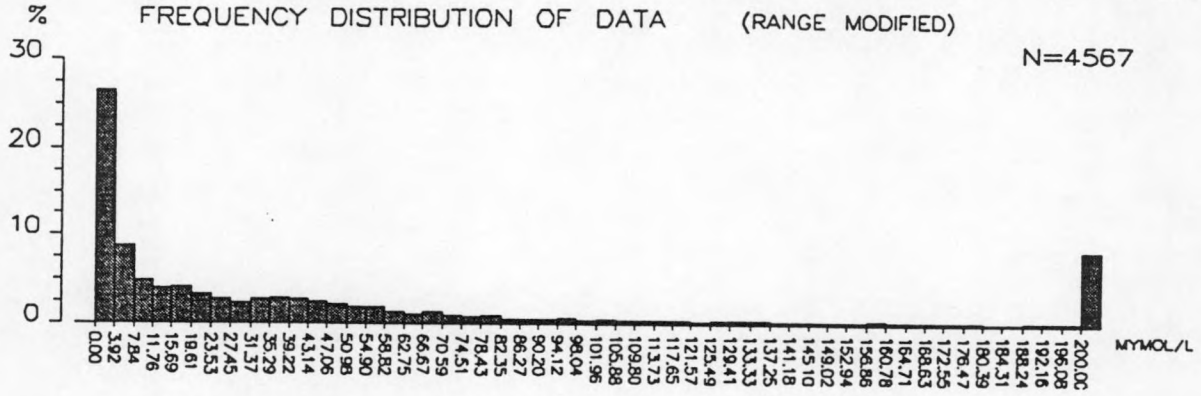
NO. OF DATA/AREA :
(without longterm data series !)

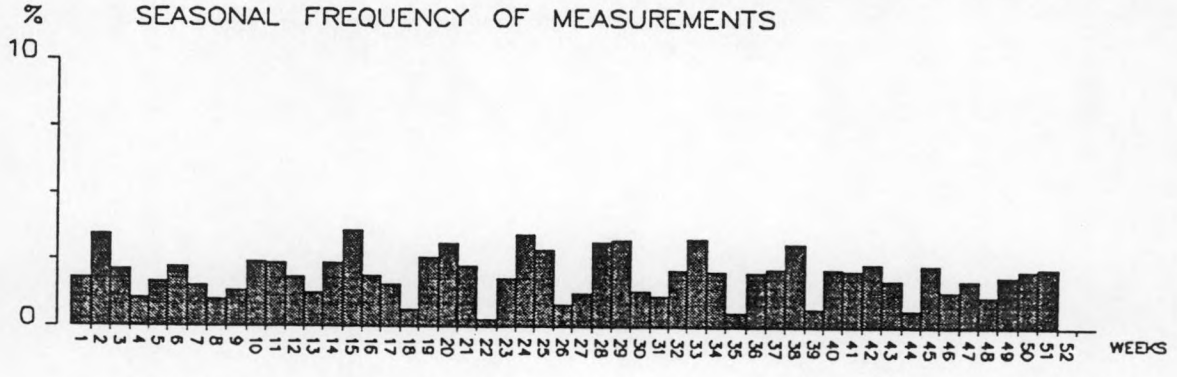
<	961	<	412
<	824	<	274
<	687	<	137
<	549	=	0

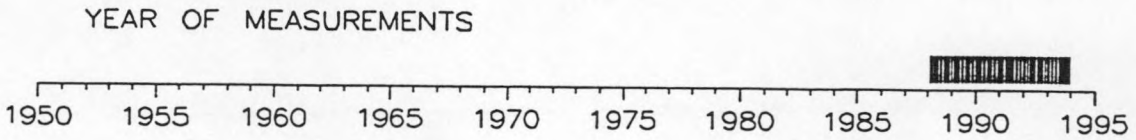
MINIMUM : 0.71
MAXIMUM : 500.40

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





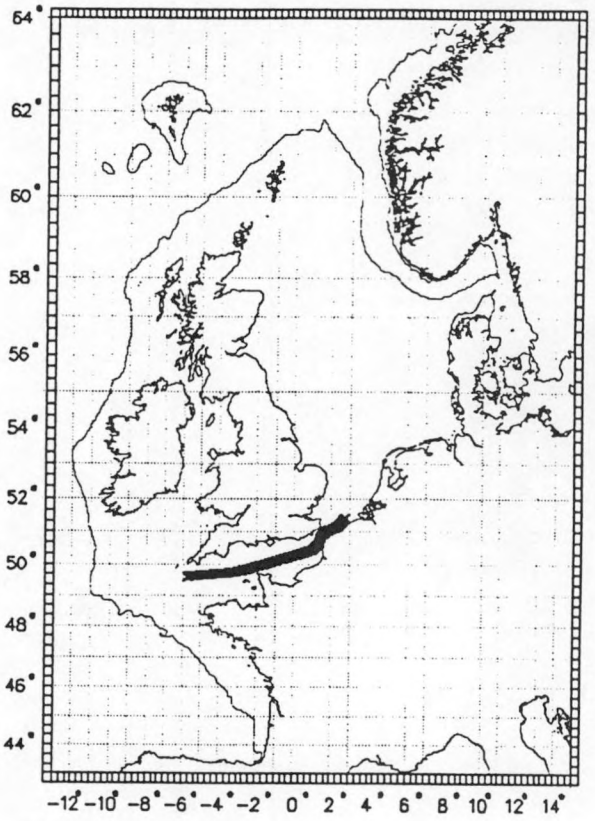


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRATE–N (NO3)

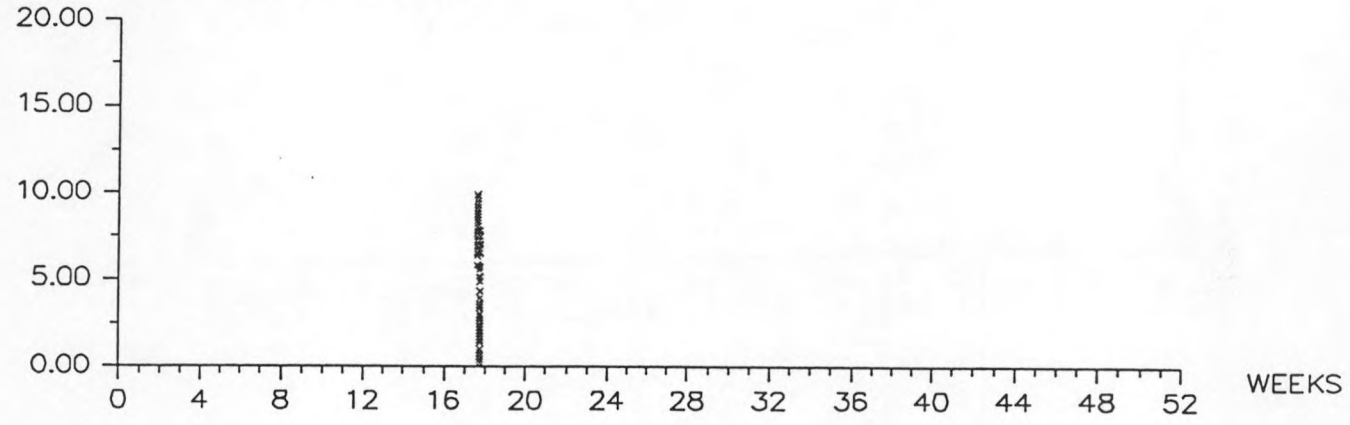
PCODE : 5002030101
ENAME : Elkens, M./Free Univ. .
UNITS : MYMOL/L
NO. OF POSITIONS : 374
NO. OF DATA : 374
MINIMUM : 0.09
MAXIMUM : 9.88



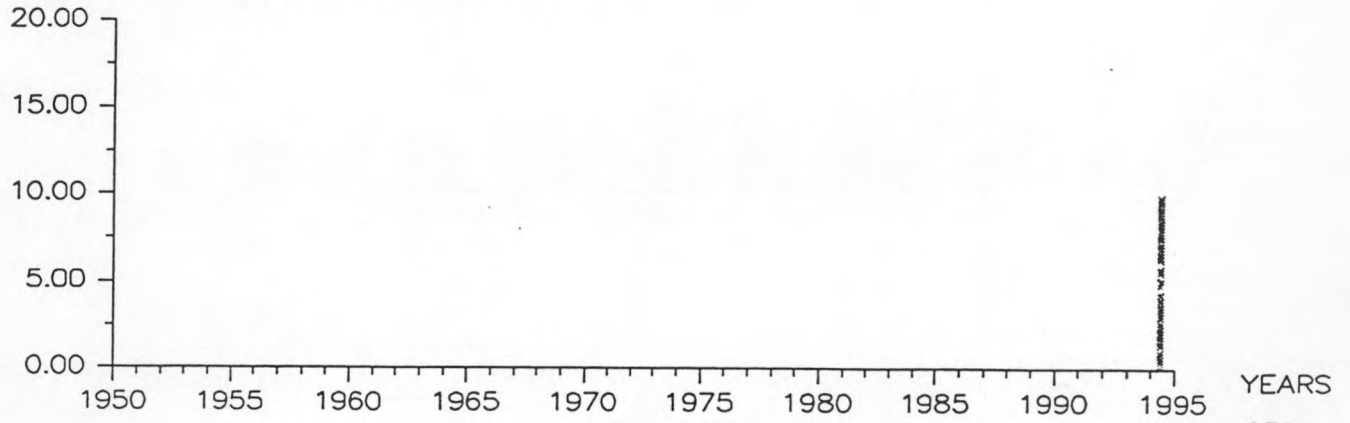
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



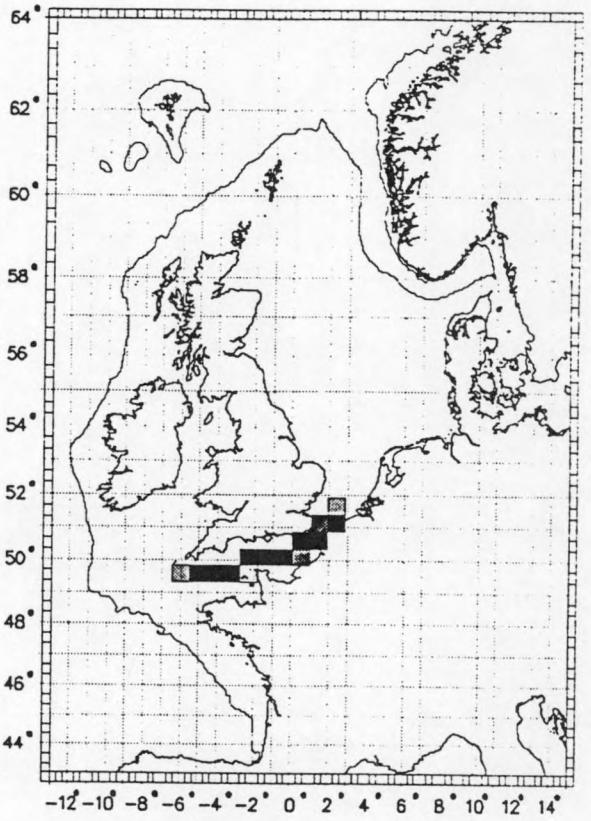
96–06–13

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRATE–N (NO3)

PCODE : 5002030101
ENAME : Elkens, M./Free Univ. .
UNITS : MYMOL/L
NO. OF DATA : 374
NO. OF POSITIONS : 374



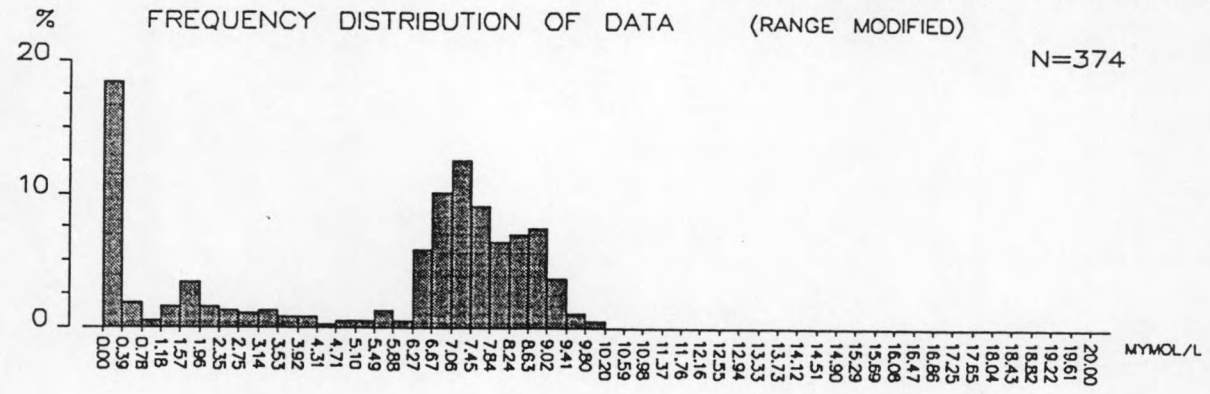
NO. OF DATA/AREA :
(without longterm data series !)

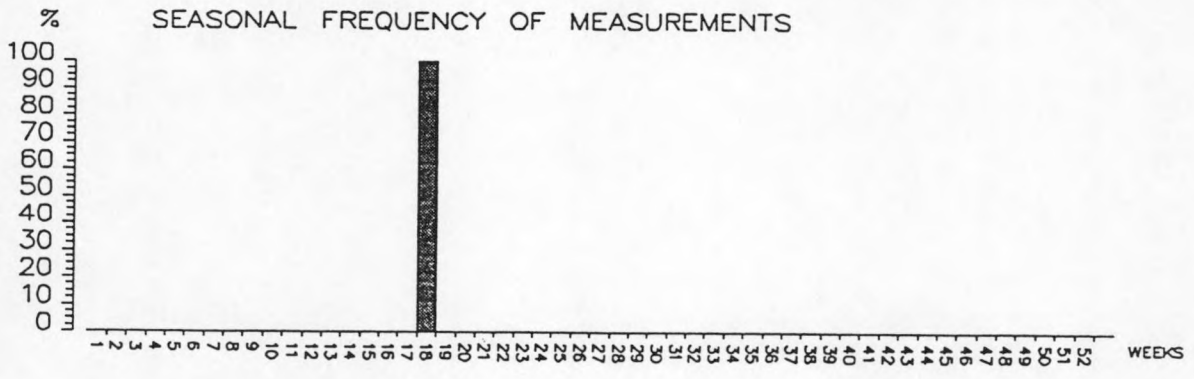
< 43	< 18
< 36	< < 12
< 30	< < < 6
< 24	= 0

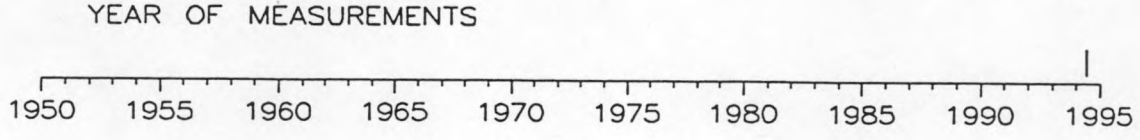
MINIMUM : 0.09
MAXIMUM : 9.88

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–13

6.5 Nitrite

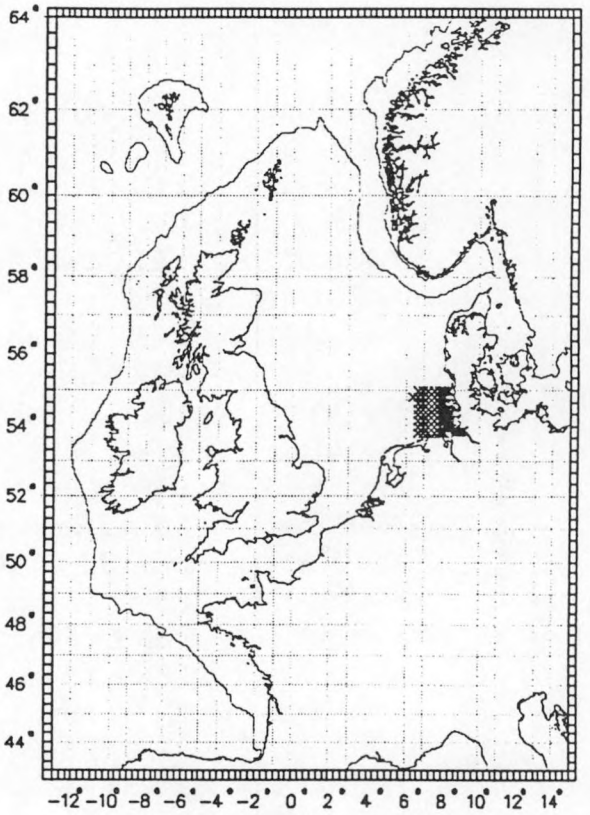
PCODE	Originator	Number of data
5004030099	BAH / Hickel, W.	895
5004031301	BODC / Lowry, R.	5848
5004030099	DOD	984
5004030001	GPI / Lammers, S.	697
5004010001	HELCOM	14392
5004010001	ICES	8037
5004036901	IMR / Danielssen, D. S.	12708
5004016901	IMR / Hageboe M., Foyn, L.	41568
5004020001	IOCB / Brockmann, U.	2462
5004020101	IOW	224
5004030098	IOW	18613
5004035101	MBA / Southward, A.J.	84
5004101501	MUMM_O	91
5004014801	PEML / Slinn, D.J. Allen, J.R.	2722
5004014901	PEML / Slinn, D.J. Allen, J.R.	84
5004015001	PEML / Slinn, D.J. Allen, J.R.	47
5004032001	PML / Joint, I.	89
5004032001	PML / Howland, R.	214
5004010001	RWS / Laane, R.	7176
5004012201	RWS / Laane, R.	7117
5004010001	RWS-RIZA	638
5004012201	RWS-RIZA	472

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

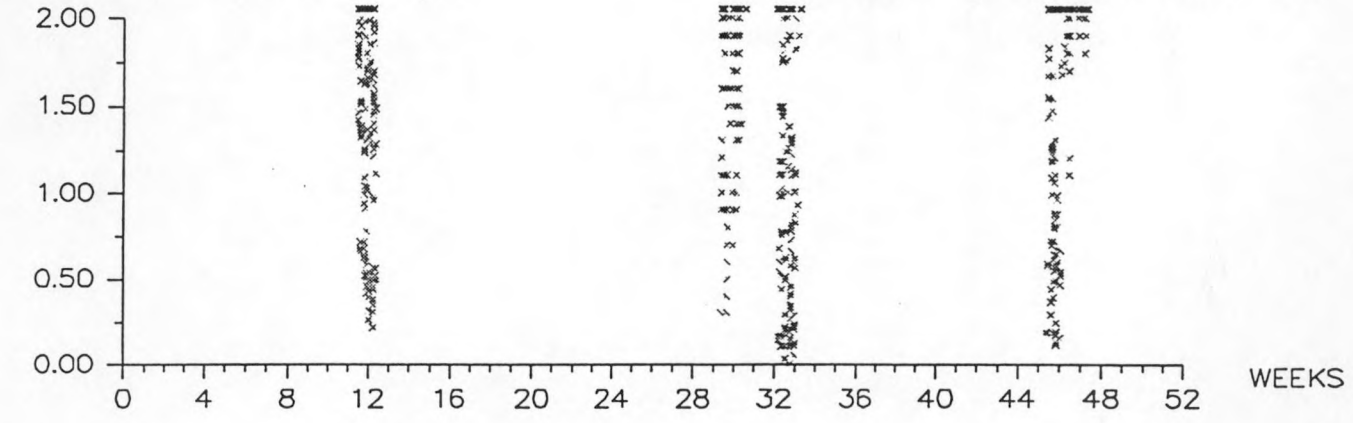
PCODE : 5004030099
ENAME : BAH/Hickel,W.
UNITS : MYMOL/L
NO. OF POSITIONS : 75
NO. OF DATA : 895
MINIMUM : 0.01
MAXIMUM : 13.00



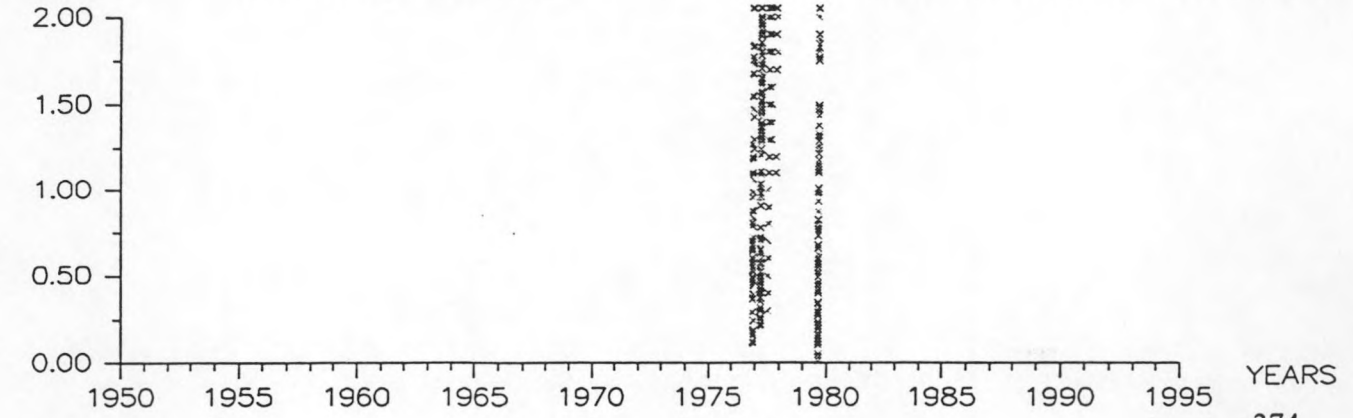
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE NO. OF DATA OUT OF RANGE : 344



MYMOL/L PROJECTION ON TIME NO. OF DATA OUT OF RANGE : 344



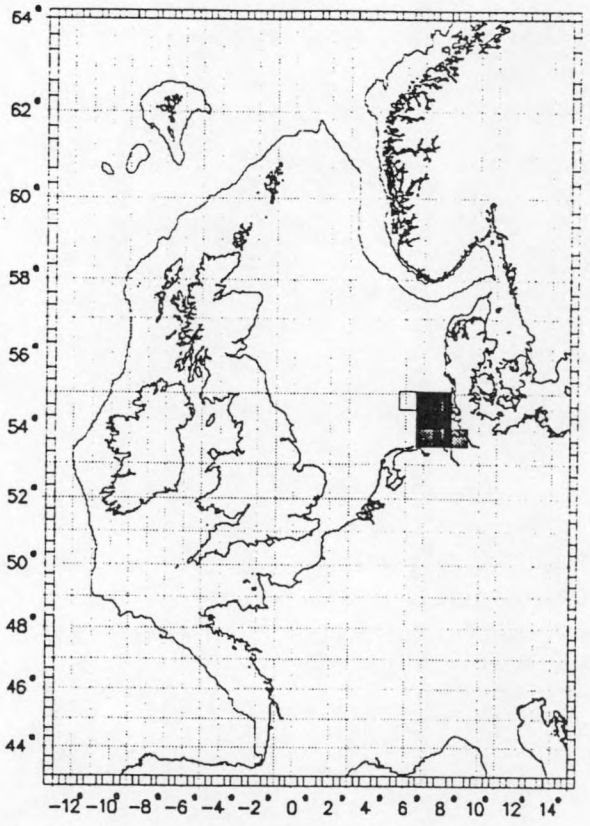
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004030099
ENAME : BAH/Hickel,W.
UNITS : MYMOL/L
NO. OF DATA : 895
NO. OF POSITIONS : 75



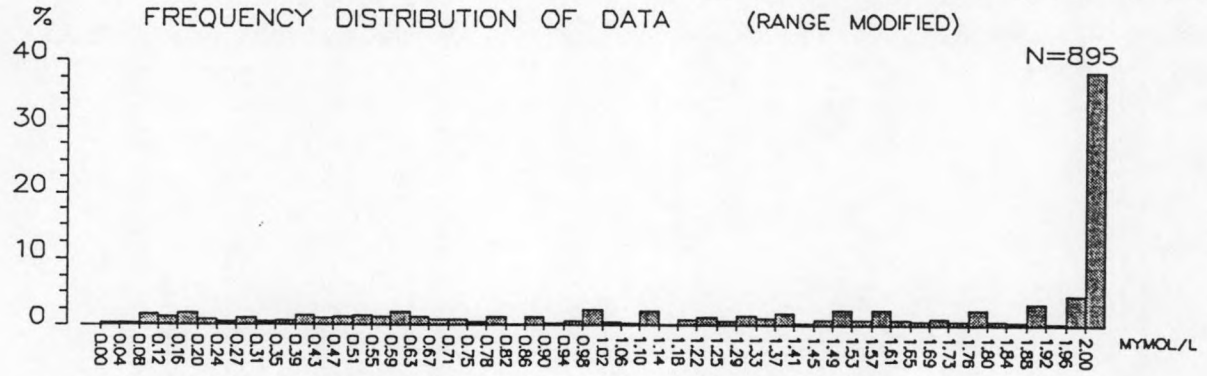
NO. OF DATA/AREA :
(without longterm data series !)

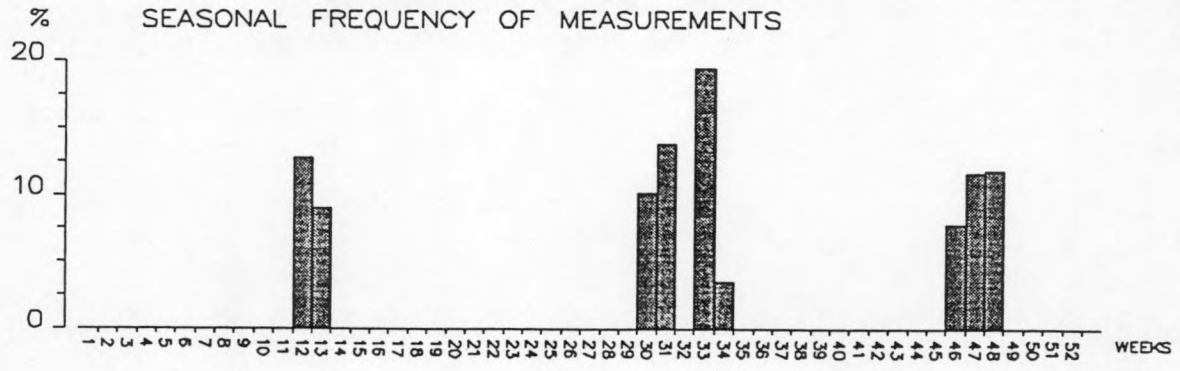
< 201	< 86
< 172	< 57
< 143	< 28
< 114	= 0

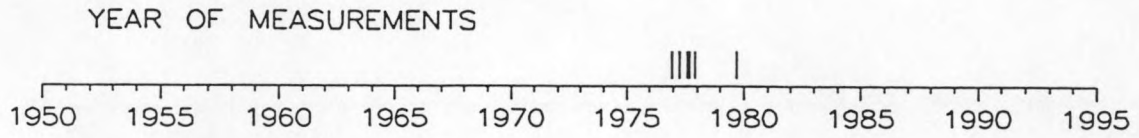
MINIMUM : 0.01
MAXIMUM : 13.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004031301

ENAME : BODC/Lowry, R.

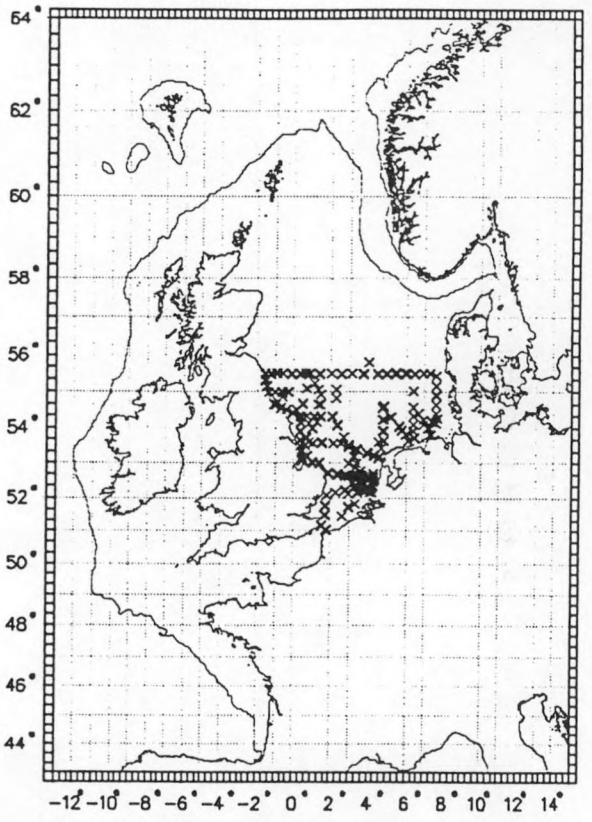
UNITS : MYMOL/L

NO. OF POSITIONS : 1503

NO. OF DATA : 5848

MINIMUM : 0.01

MAXIMUM : 5.92



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

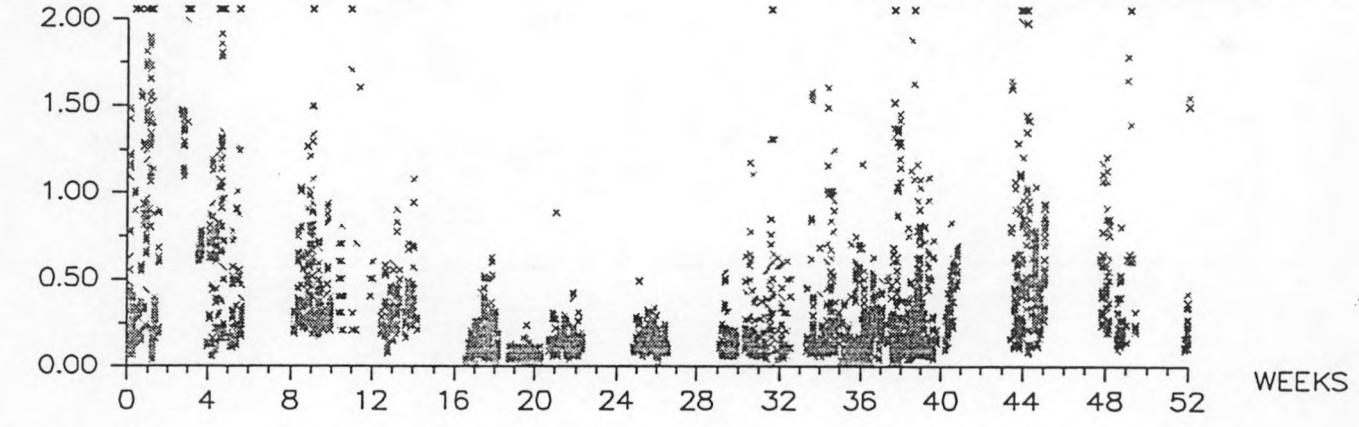
DEPTH–RANGE

UPPER : 0

LOWER : 2000

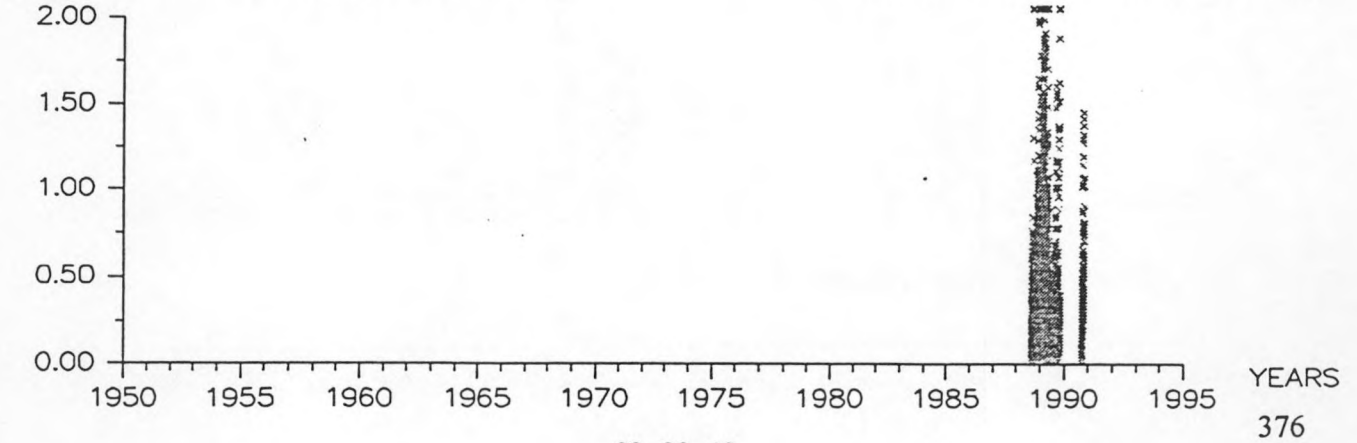
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 124



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 124



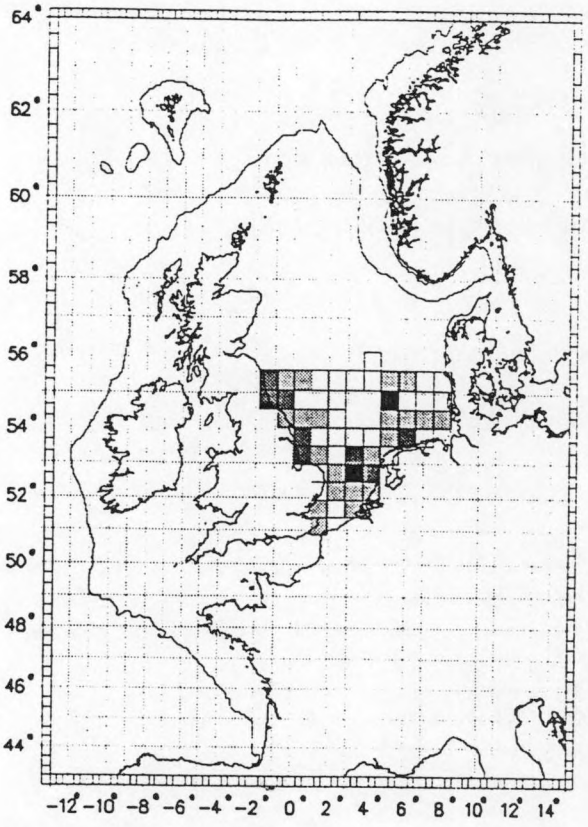
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004031301
ENAME : BODC/Lowry, R.
UNITS : MYMOL/L
NO. OF DATA : 5848
NO. OF POSITIONS : 1503



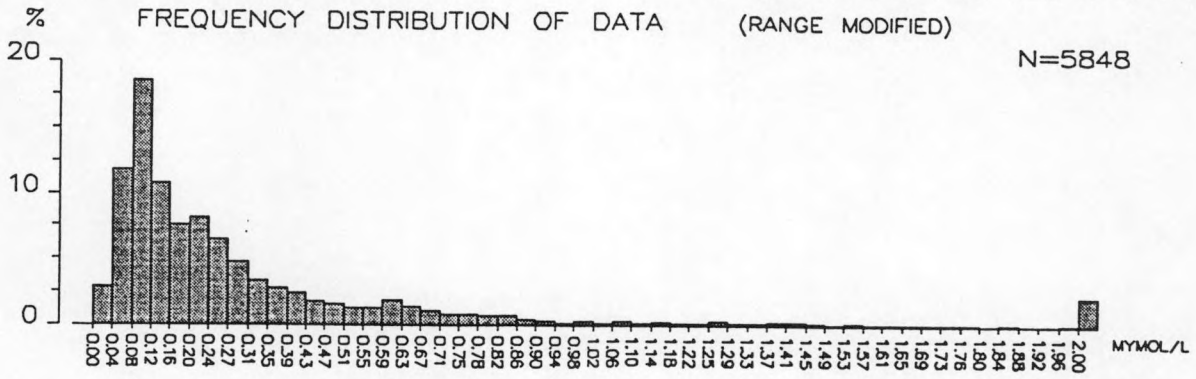
NO. OF DATA/AREA :
(without longterm data series !)

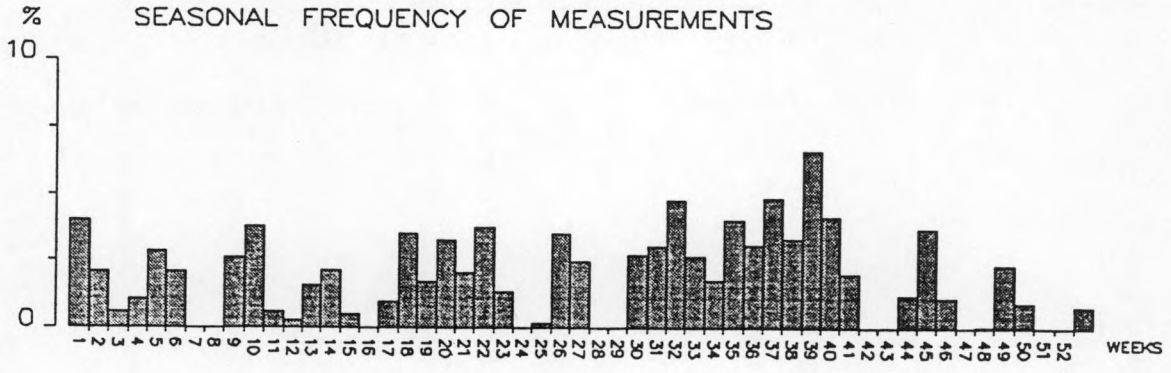
< 606	< 259
< 519	< 173
< 432	< 86
< 346	= 0

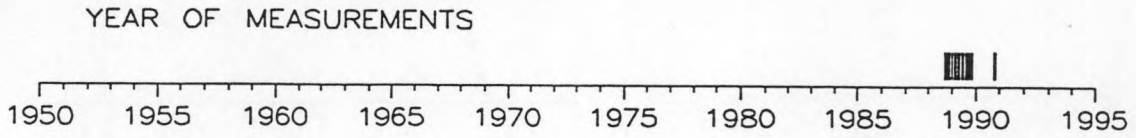
MINIMUM : 0.01
MAXIMUM : 5.92

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







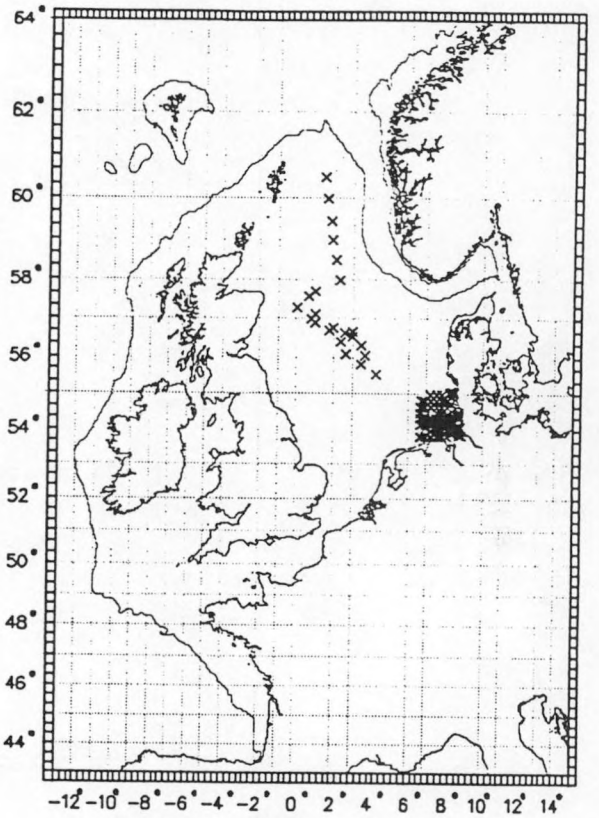
96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004030099
ENAME : DOD
UNITS : MYMOL/L
NO. OF POSITIONS : 173
NO. OF DATA : 984
MINIMUM : 0.00
MAXIMUM : 9.98

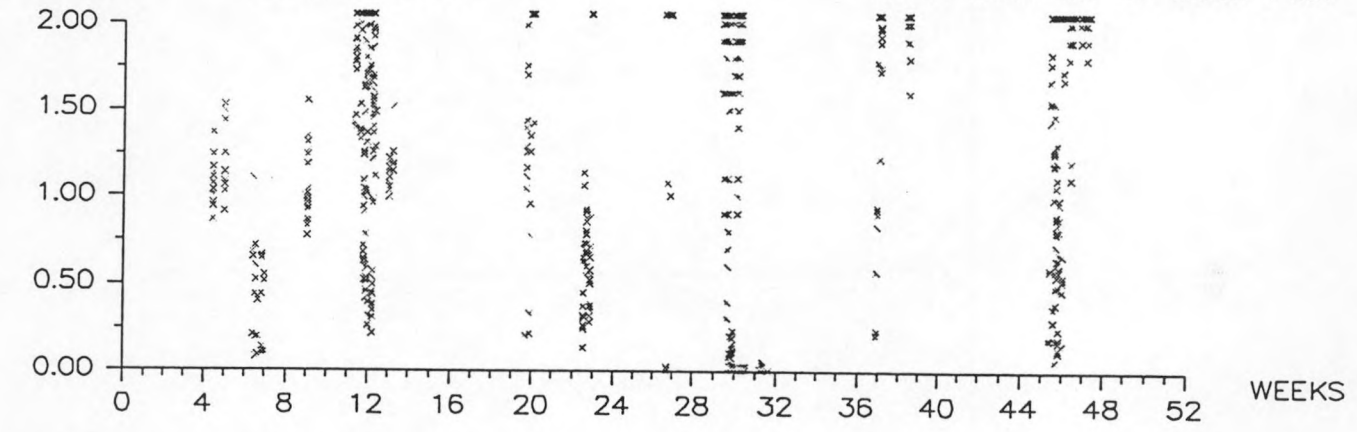


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

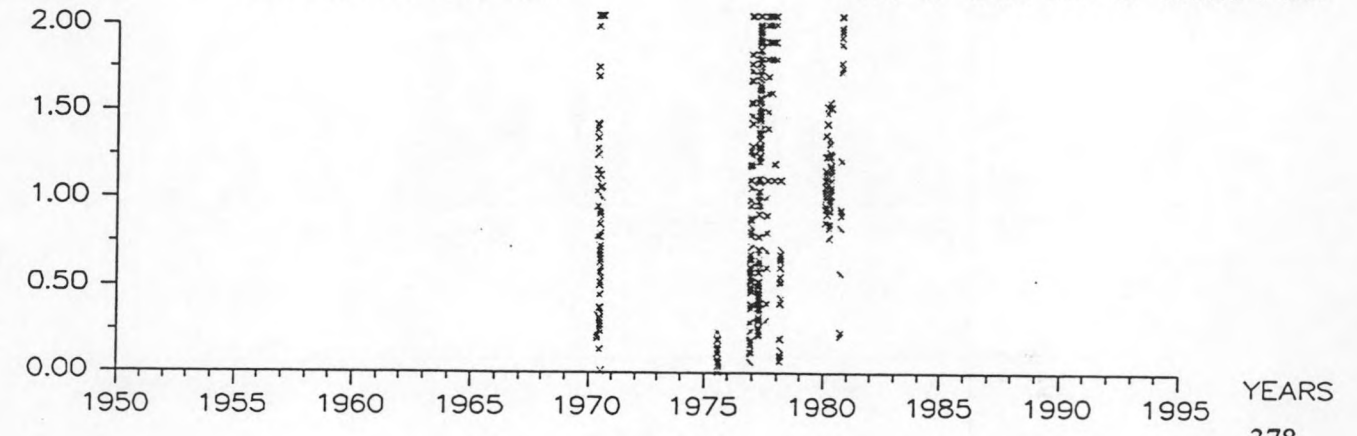
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 364



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 364

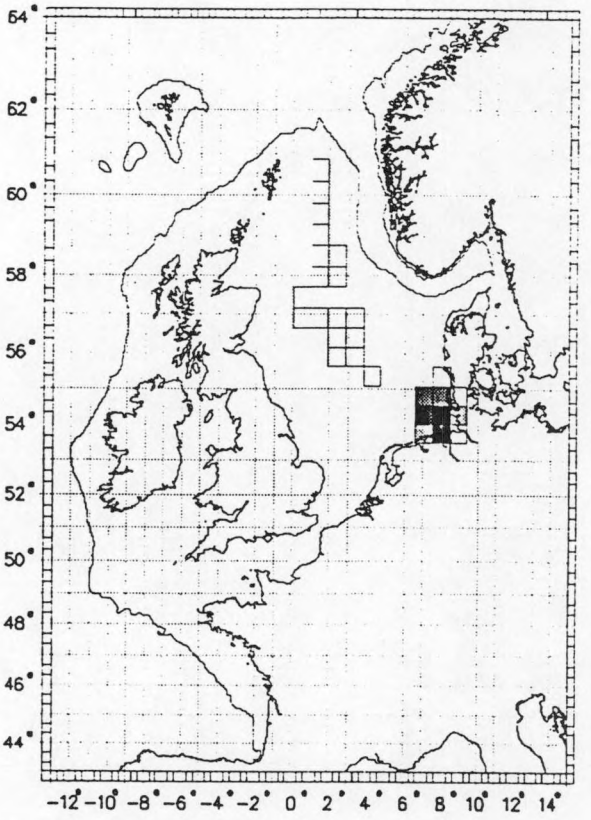


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004030099
ENAME : DOD
UNITS : MYMOL/L
NO. OF DATA : 984
NO. OF POSITIONS : 173



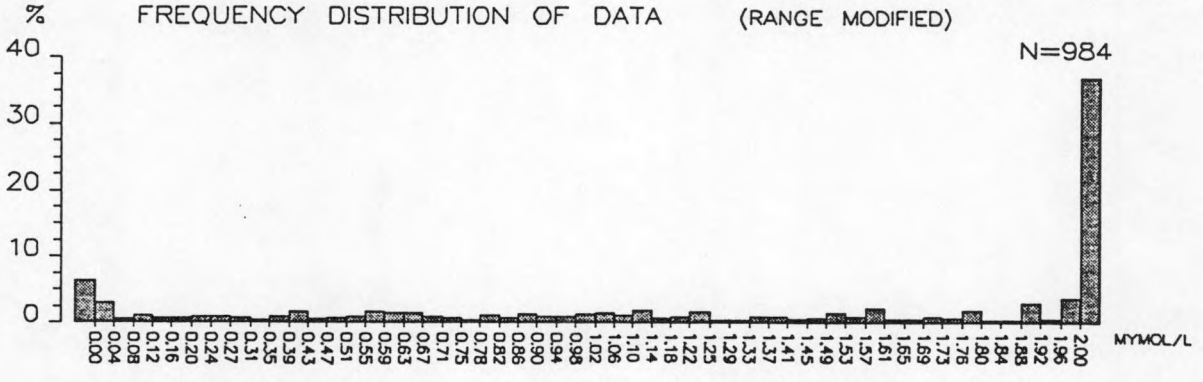
NO. OF DATA/AREA :
(without longterm data series !)

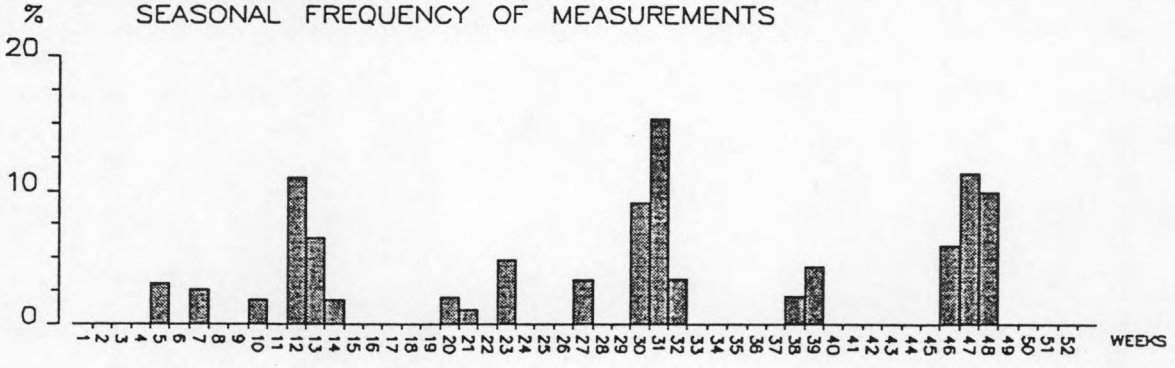
<	248	<	106
<	212	<	70
<	177	<	35
<	141	=	0

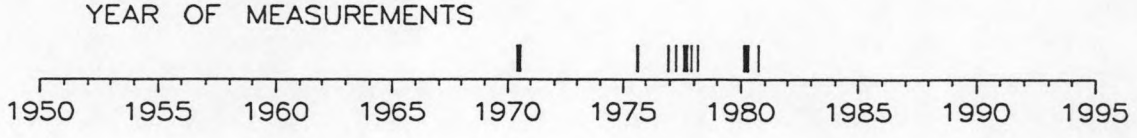
MINIMUM : 0.00
MAXIMUM : 9.98

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







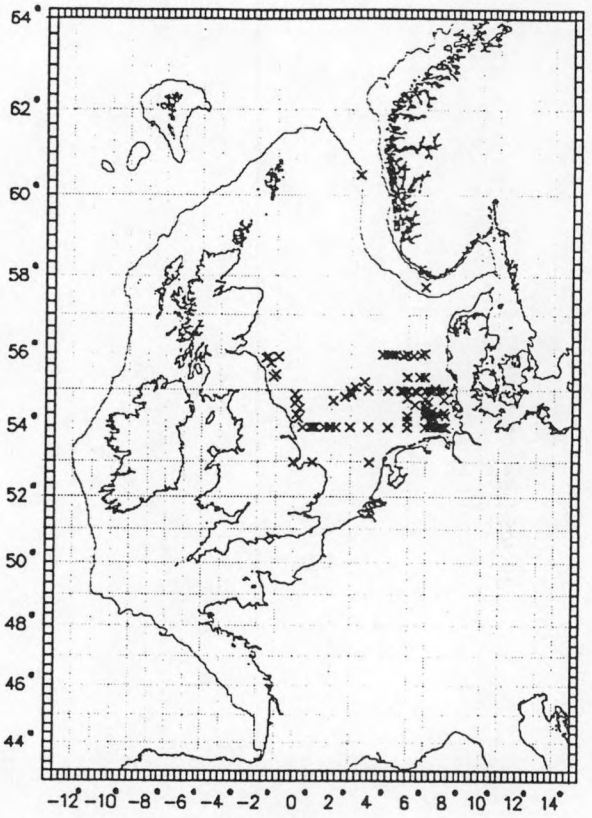
96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004030001
ENAME : Lammers, S.
UNITS : MYMOL/L
NO. OF POSITIONS : 128
NO. OF DATA : 697
MINIMUM : 0.00
MAXIMUM : 3.70

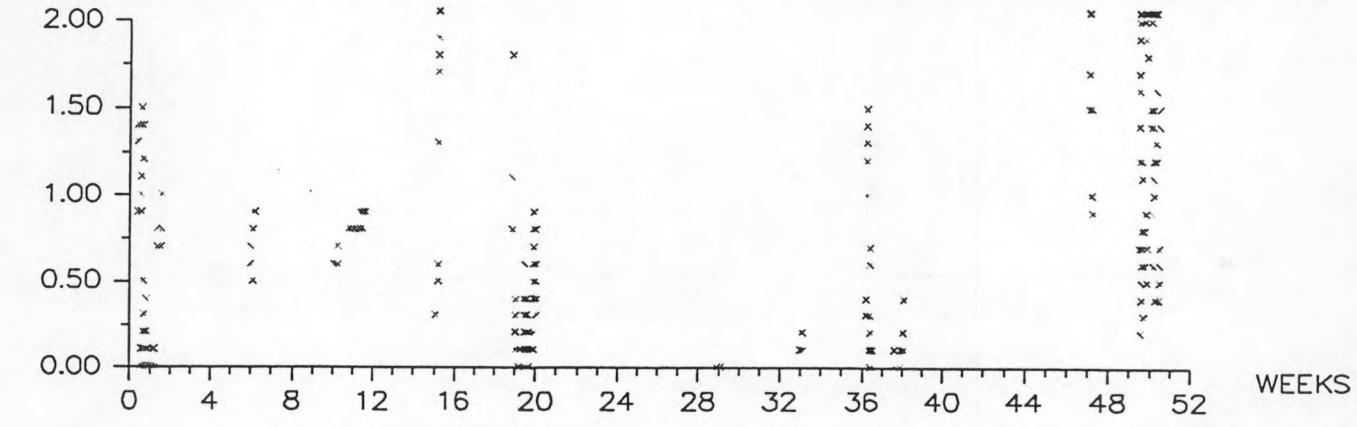


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

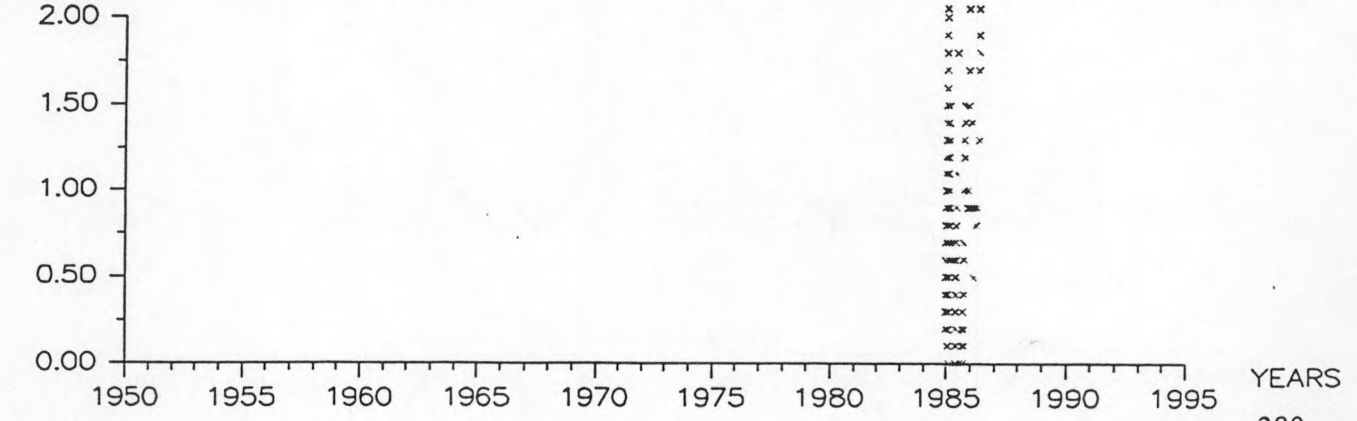
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 42



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 42



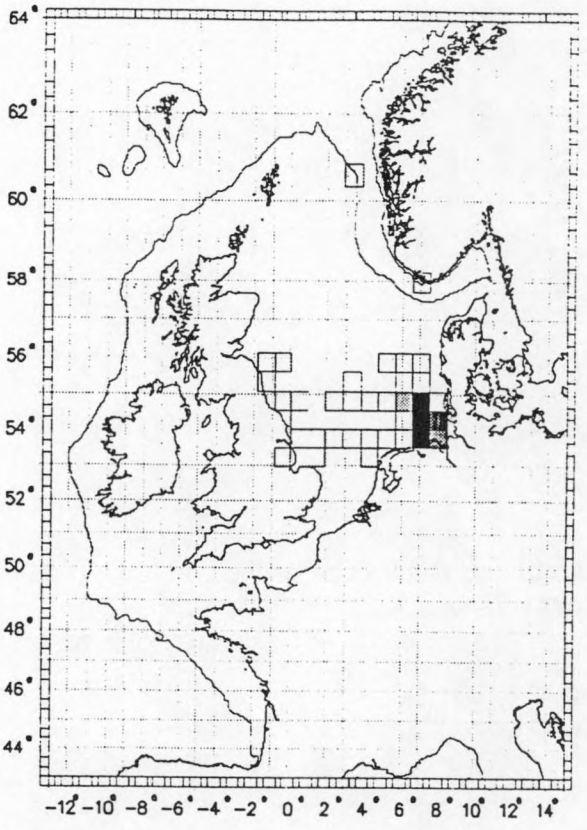
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004030001
ENAME : Lammers, S.
UNITS : MYMOL/L
NO. OF DATA : 697
NO. OF POSITIONS : 128



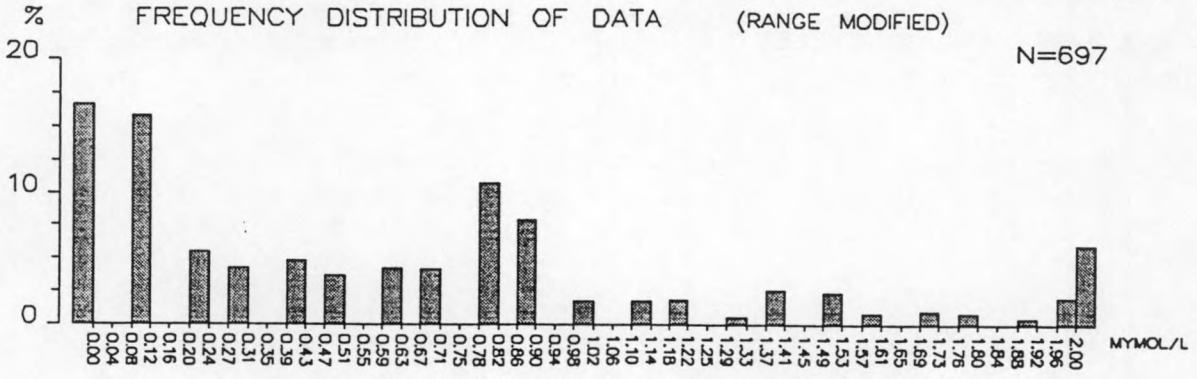
NO. OF DATA/AREA :
(without longterm data series !)

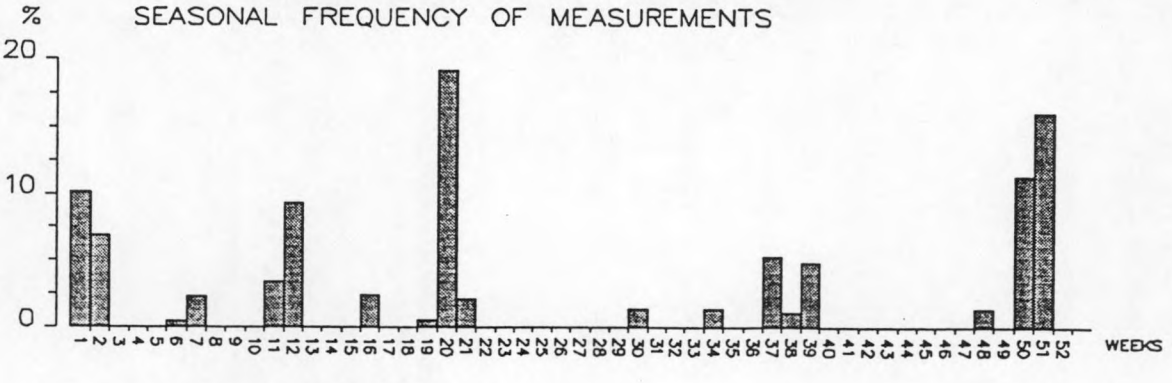
< 120	< 51
< 102	< 34
< 85	< 17
< 68	= 0

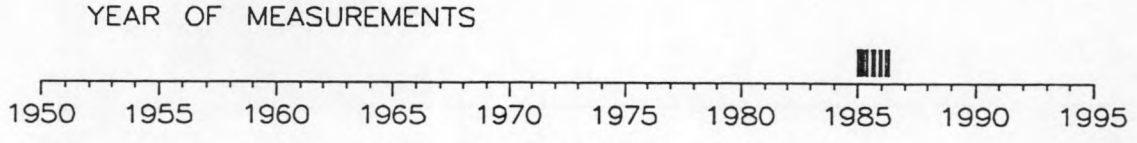
MINIMUM : 0.00
MAXIMUM : 3.70

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004010001

ENAME : HELCOM

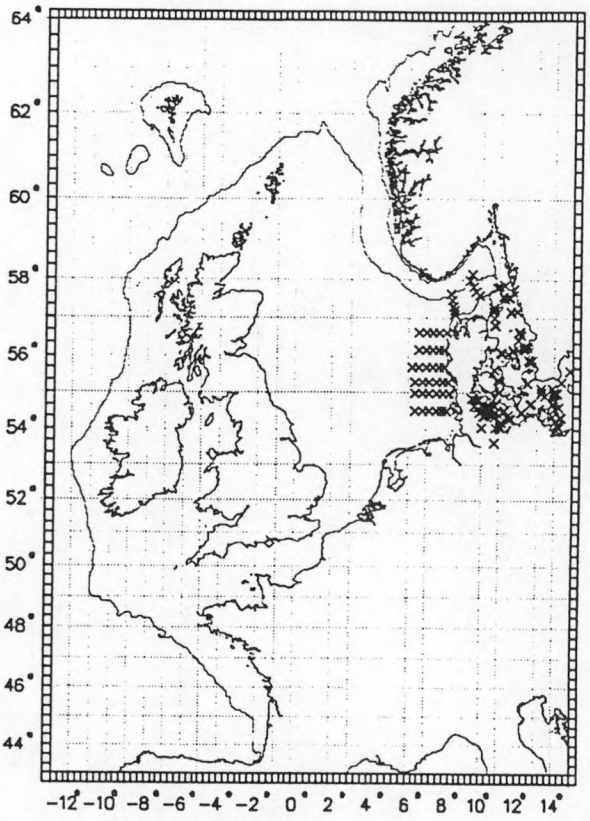
UNITS : MYMOL/L

NO. OF POSITIONS : 189

NO. OF DATA : 14392

MINIMUM : 0.00

MAXIMUM : 6.01



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

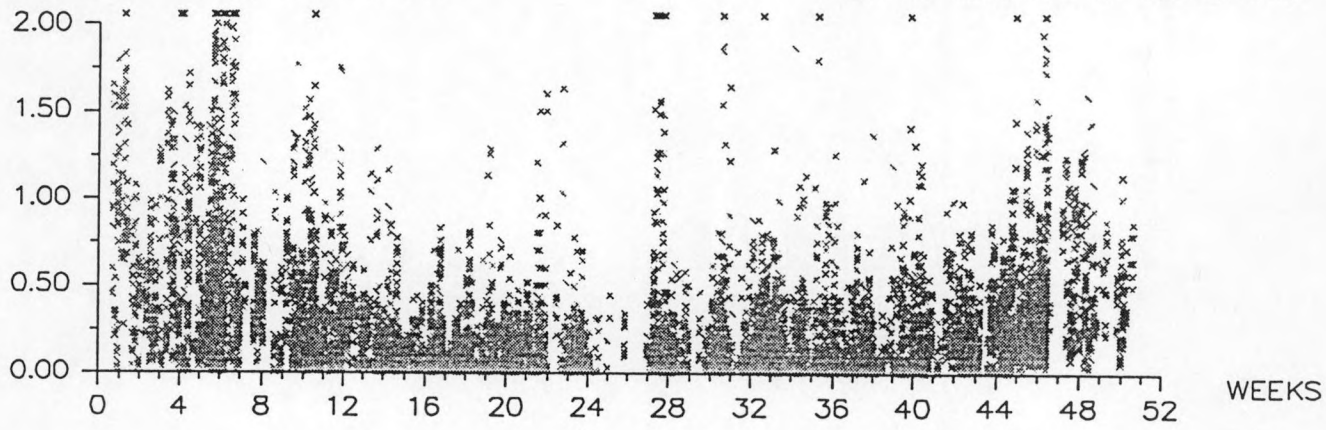
DEPTH–RANGE

UPPER : 0

LOWER : 2000

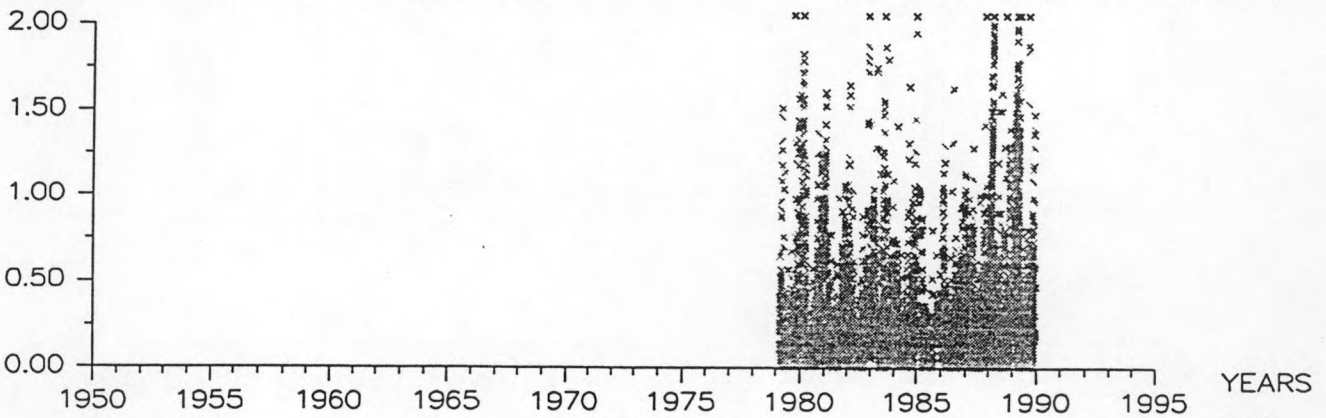
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 76



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 76



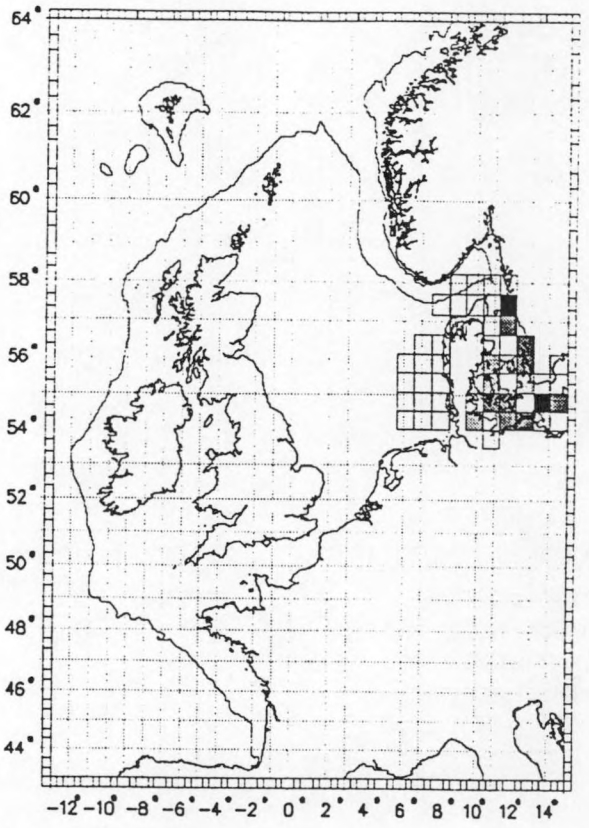
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004010001
ENAME : HELCOM
UNITS : MYMOL/L
NO. OF DATA : 14392
NO. OF POSITIONS : 189



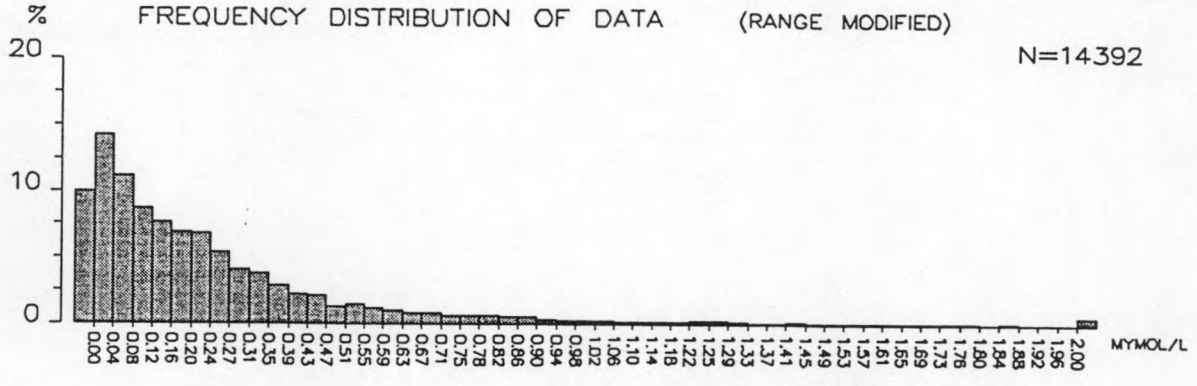
NO. OF DATA/AREA :
(without longterm data series !)

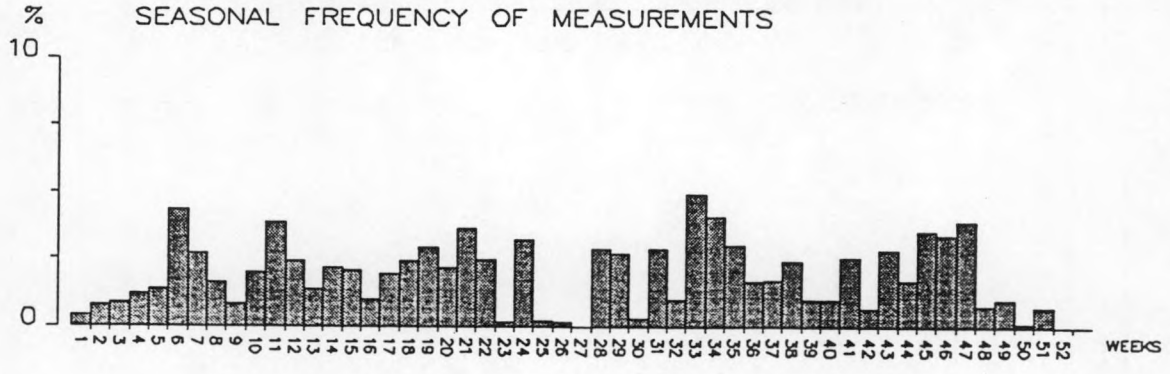
<	2406	<	1031
<	2062	<	687
<	1718	<	343
<	1374	=	0

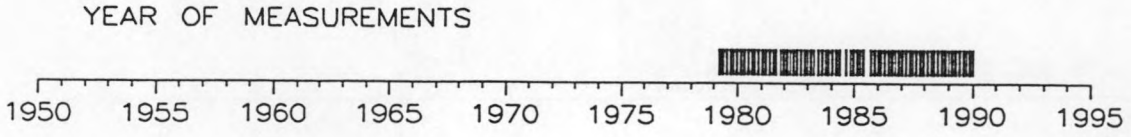
MINIMUM : 0.00
MAXIMUM : 6.01

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004010001

ENAME : ICES

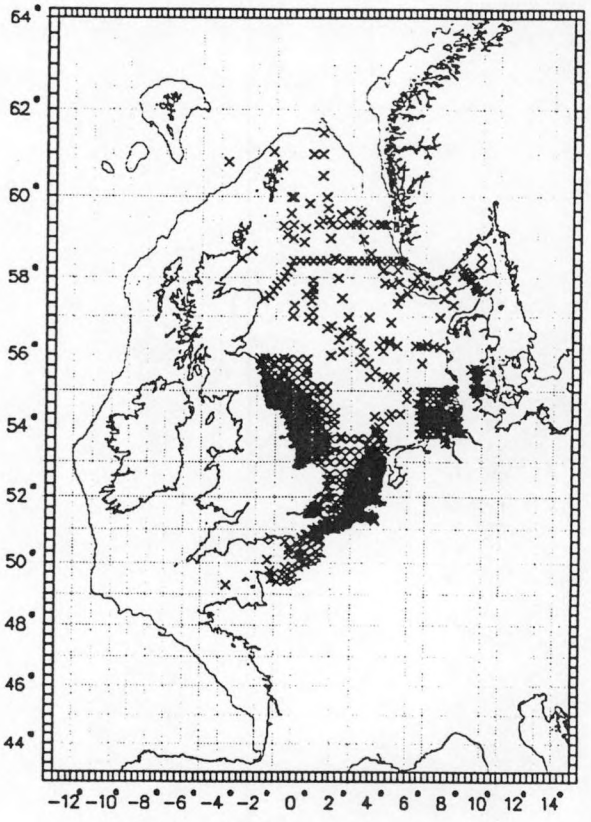
UNITS : MYMOL/L

NO. OF POSITIONS : 1580

NO. OF DATA : 8037

MINIMUM : 0.00

MAXIMUM : 10.40



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

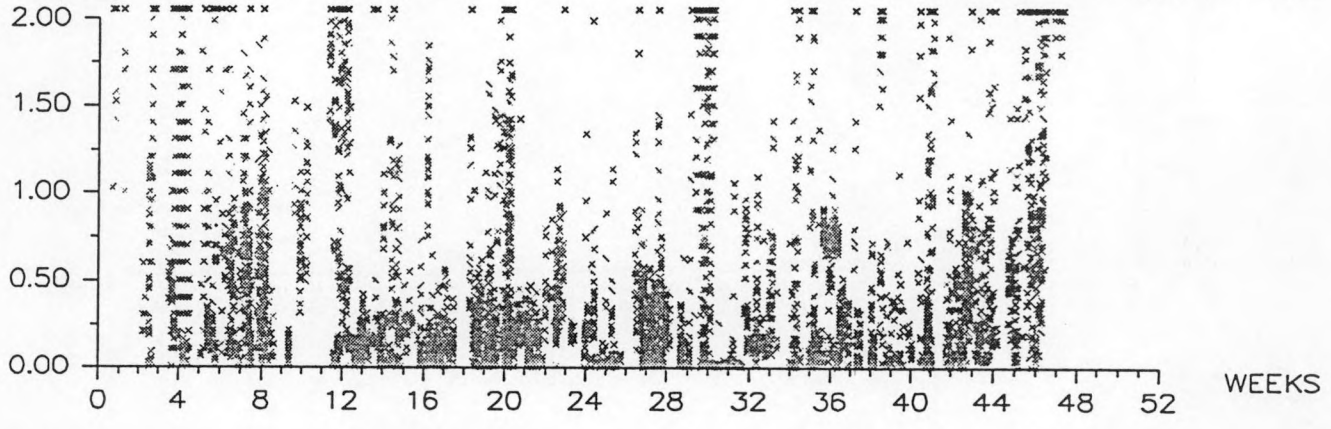
DEPTH–RANGE

UPPER : 0

LOWER : 2000

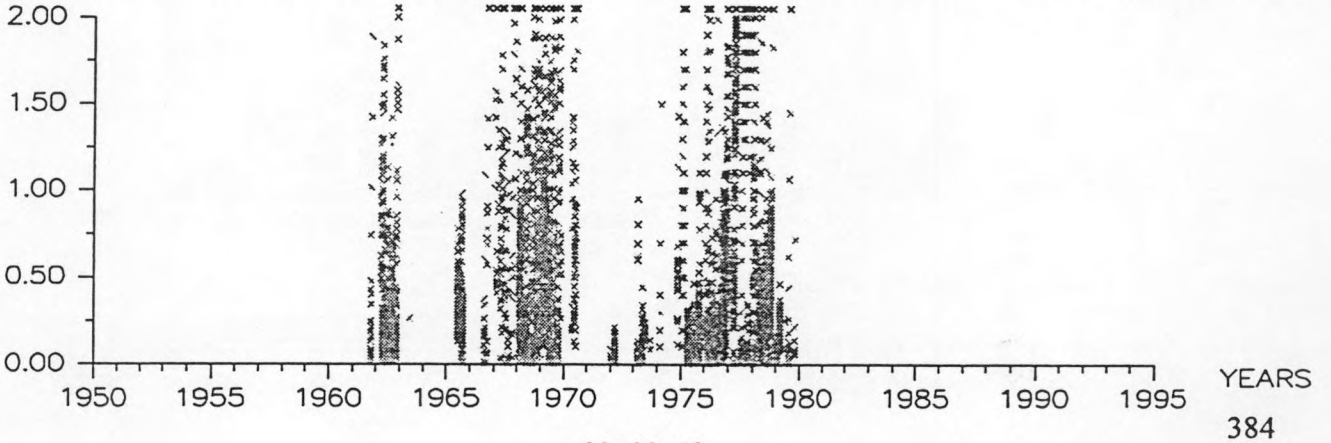
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 620



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 620



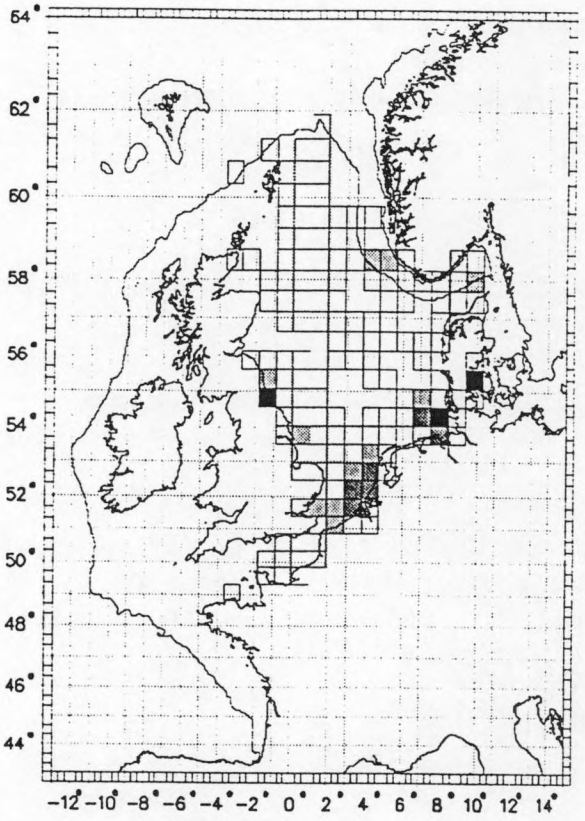
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004010001
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 8037
NO. OF POSITIONS : 1580



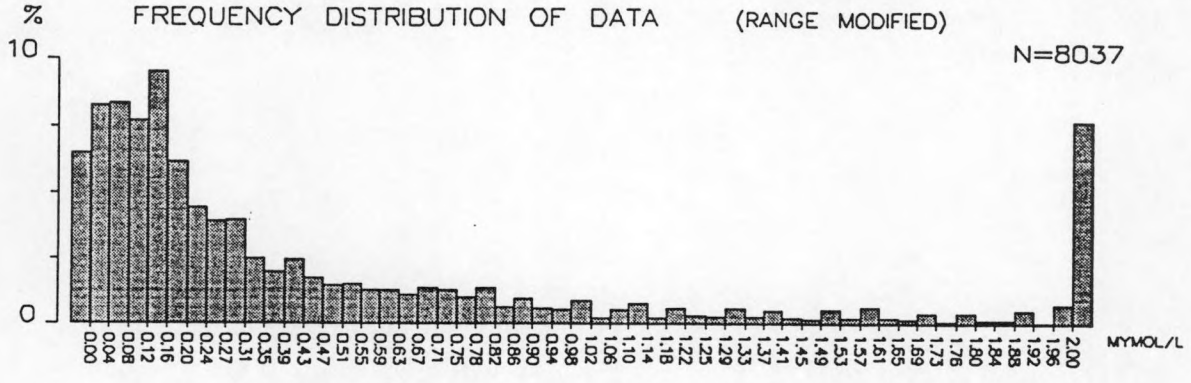
NO. OF DATA/AREA :
(without longterm data series !)

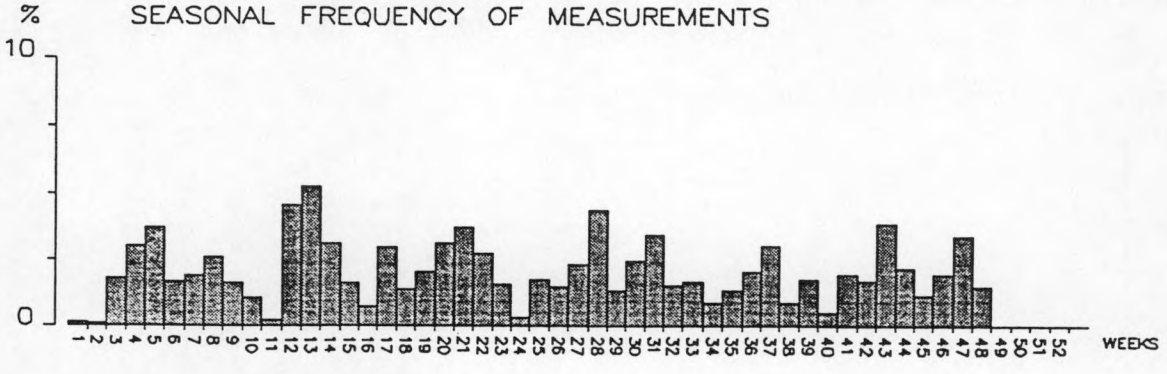
< 741	< 317
< 635	< 211
< 529	< 105
< 423	= 0

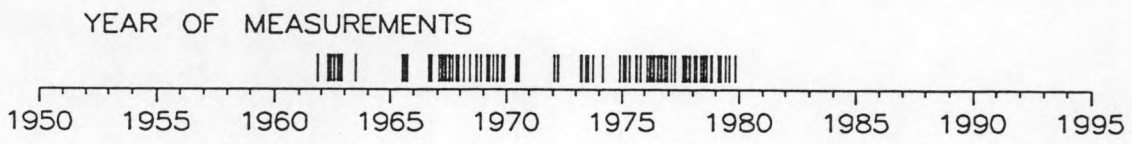
MINIMUM : 0.00
MAXIMUM : 10.40

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004036901

ENAME : IMR/Danielssen, D. S.

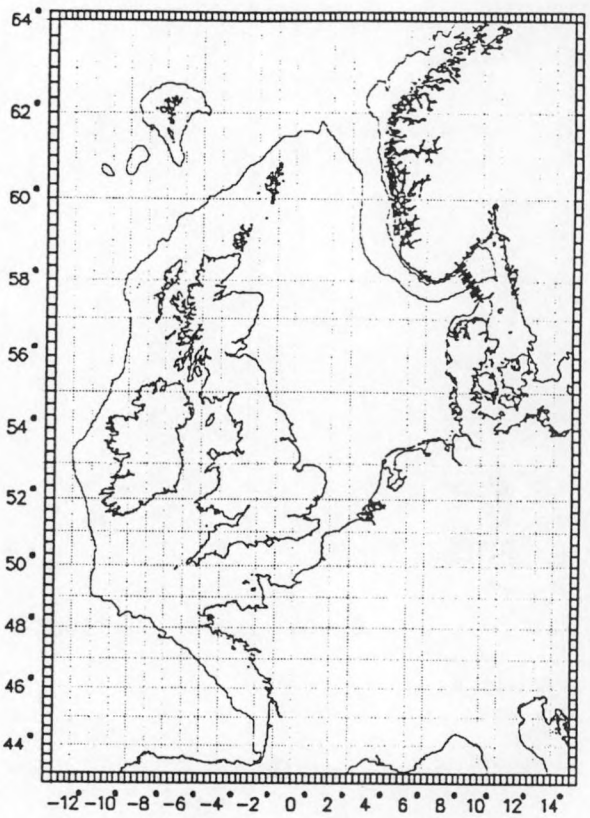
UNITS : MYMOL/L

NO. OF POSITIONS : 13

NO. OF DATA : 12708

MINIMUM : 0.01

MAXIMUM : 5.88



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

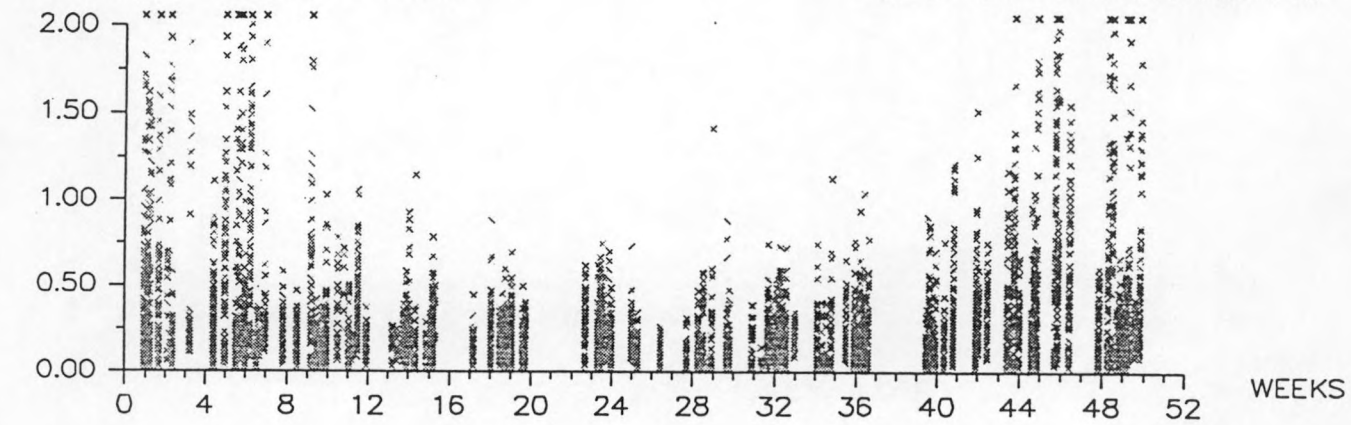
DEPTH–RANGE

UPPER : 0

LOWER : 2000

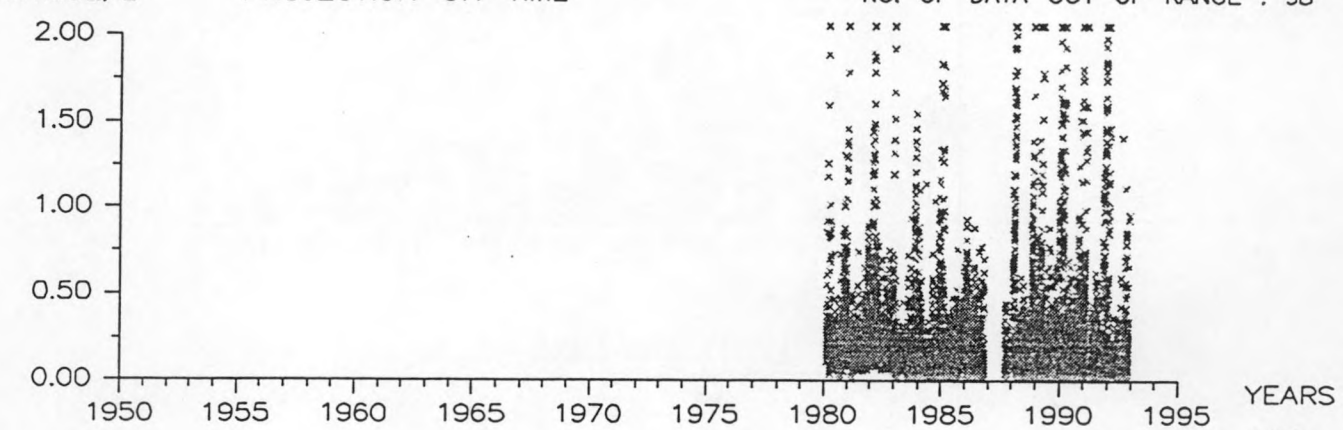
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 98



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 98

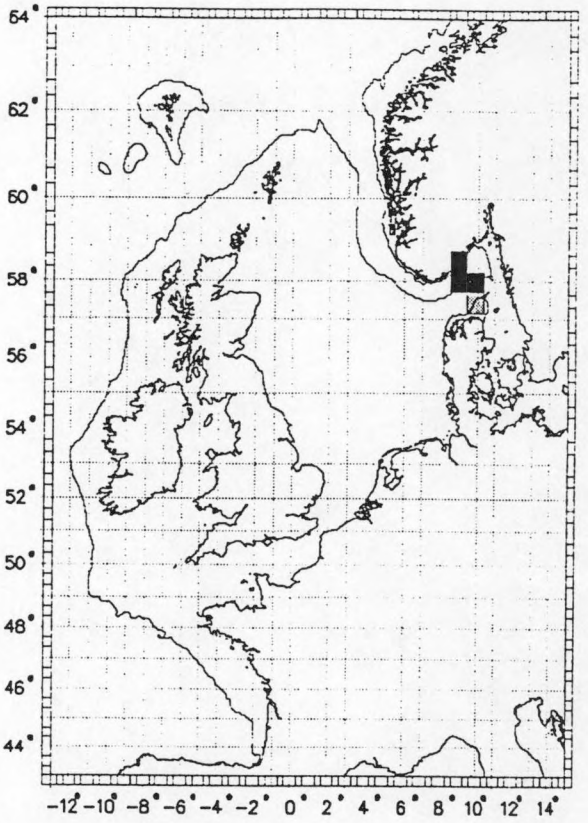


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004036901
ENAME : IMR/Danielssen, D. S.
UNITS : MYMOL/L
NO. OF DATA : 12708
NO. OF POSITIONS : 13



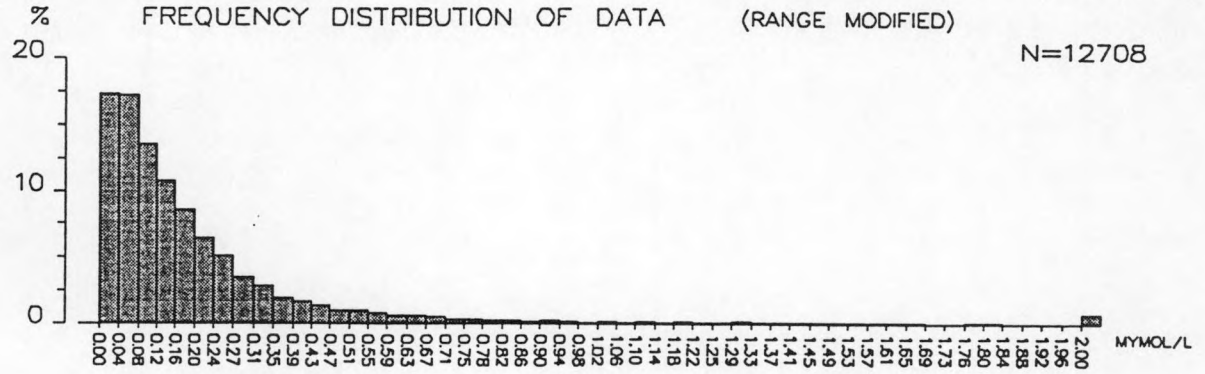
NO. OF DATA/AREA :
(without longterm data series !)

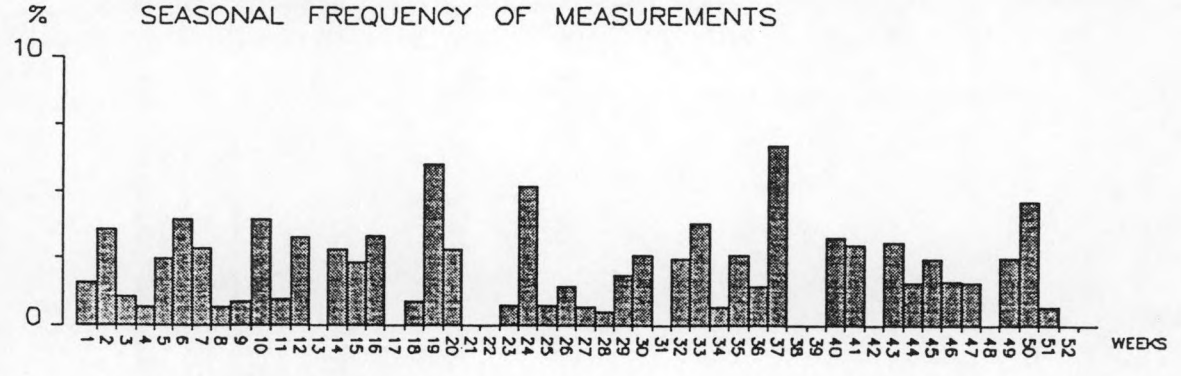
<	4570	<	1958
<	3917	<	1305
<	3264	<	652
<	2611	=	0

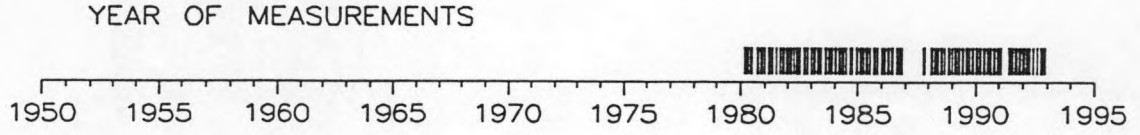
MINIMUM : 0.01
MAXIMUM : 5.88

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







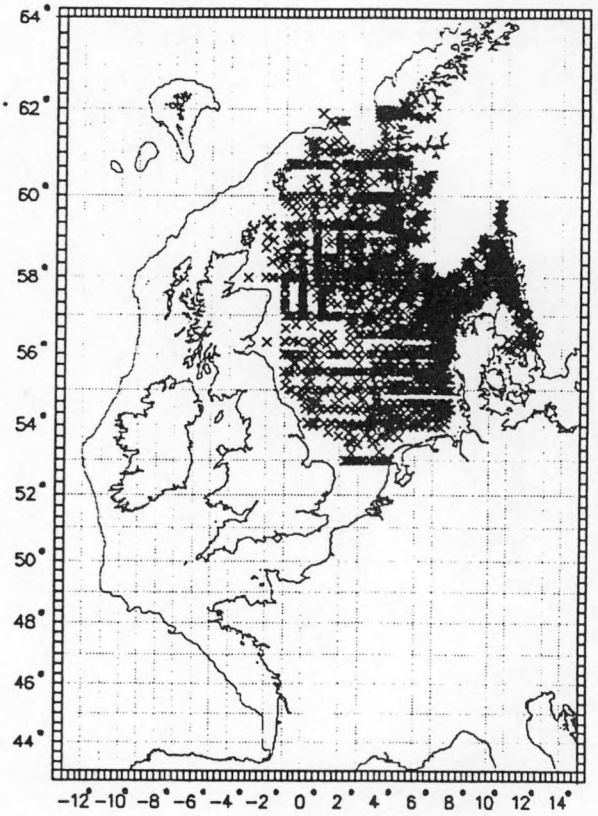
96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

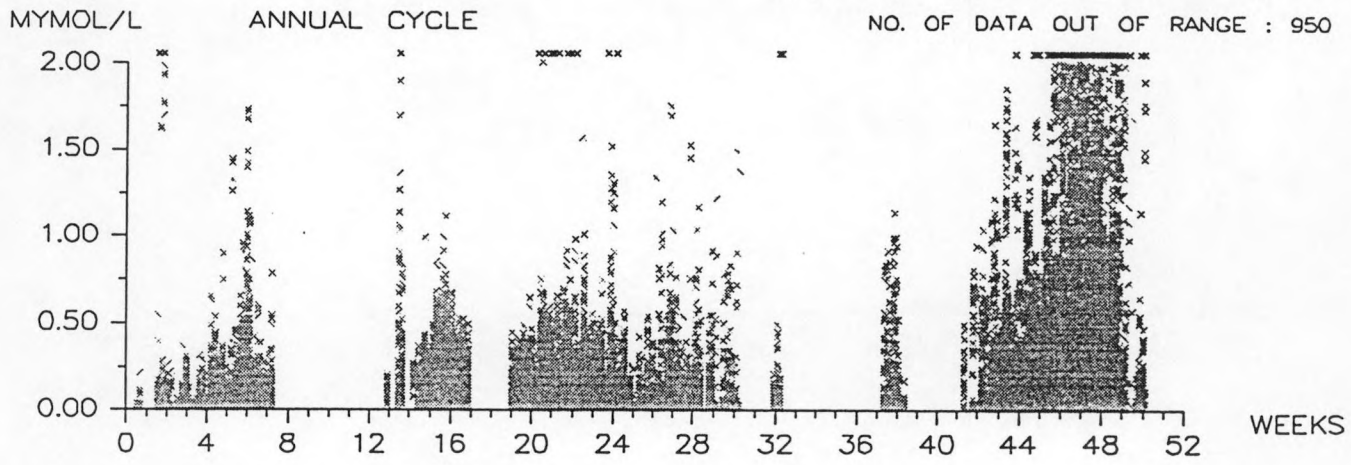
NITRITE–N (NO2)

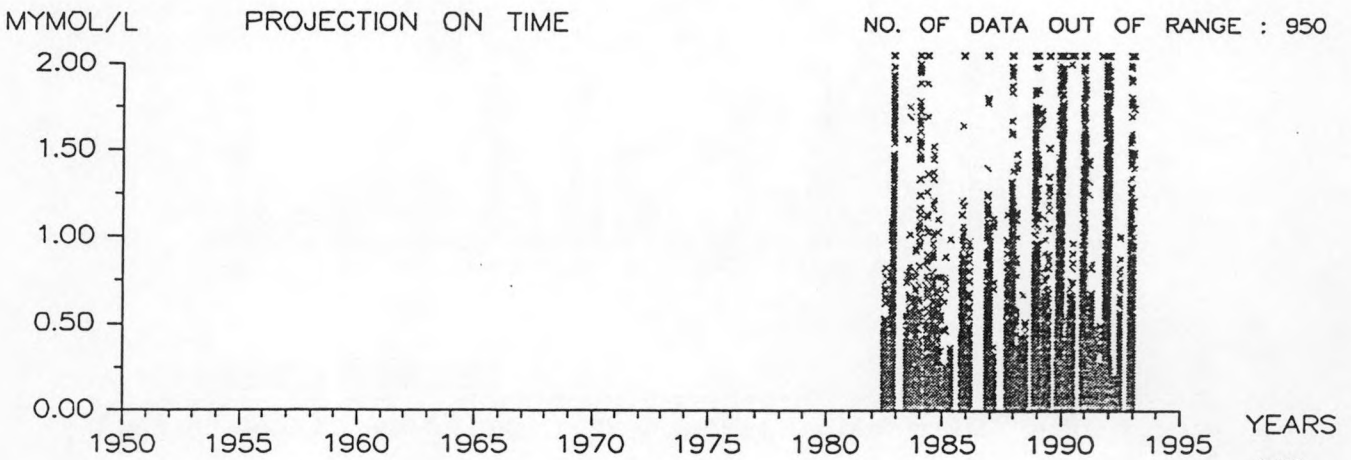
PCODE : 5004016901
ENAME : IMR/Hageboe M., Foyn, .
UNITS : MYMOL/L
NO. OF POSITIONS : 4829
NO. OF DATA : 41568
MINIMUM : 0.01
MAXIMUM : 13.00



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





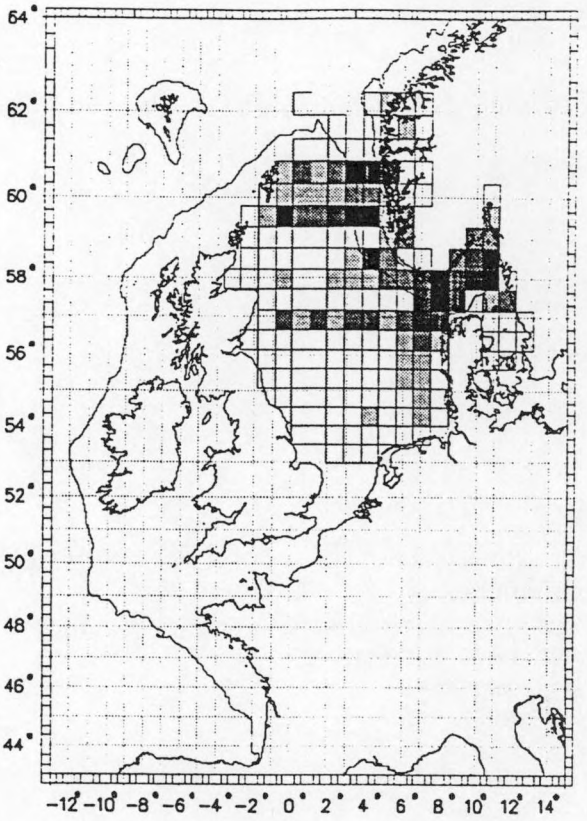
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004016901
ENAME : IMR/Hageboe M., Foyn, .
UNITS : MYMOL/L
NO. OF DATA : 41568
NO. OF POSITIONS : 4829



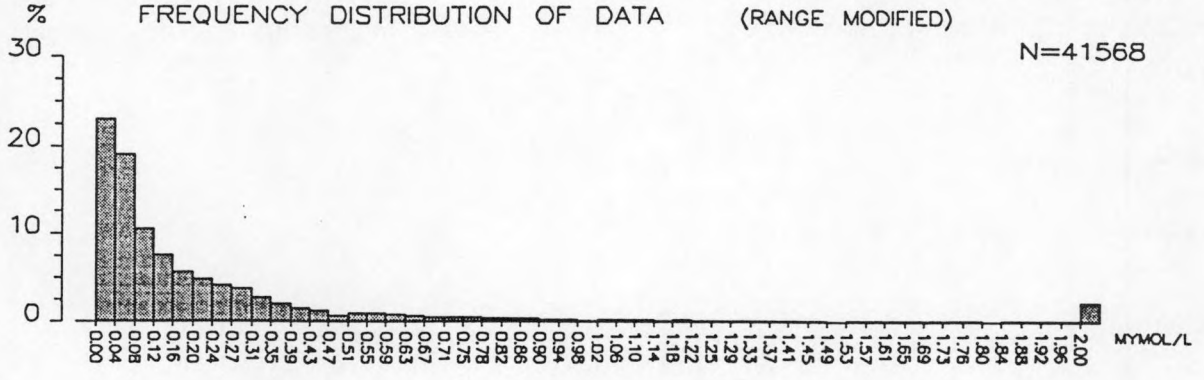
NO. OF DATA/AREA :
(without longterm data series !)

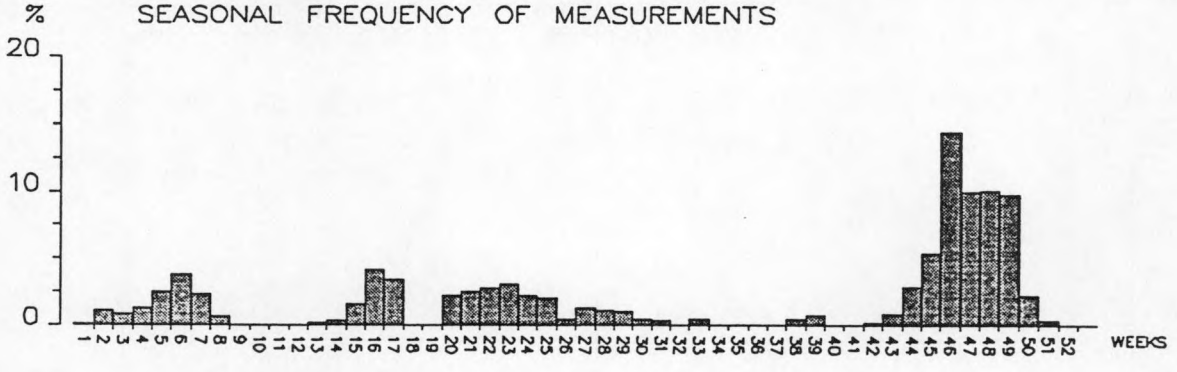
<	1252	<	536
<	1073	<	357
<	894	<	178
<	715	=	0

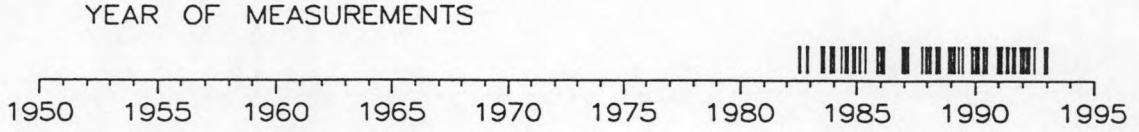
MINIMUM : 0.01
MAXIMUM : 13.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004020001

ENAME : IOCB/Brockmann, U., Un.

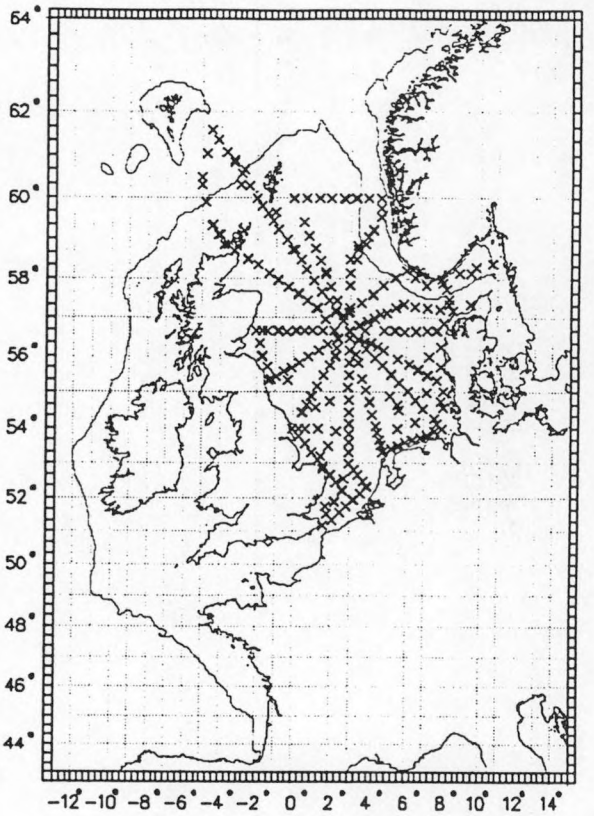
UNITS : MYMOL/L

NO. OF POSITIONS : 343

NO. OF DATA : 2462

MINIMUM : 0.00

MAXIMUM : 2.75



NO. OF DATA OUT OF RANGE : 7

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

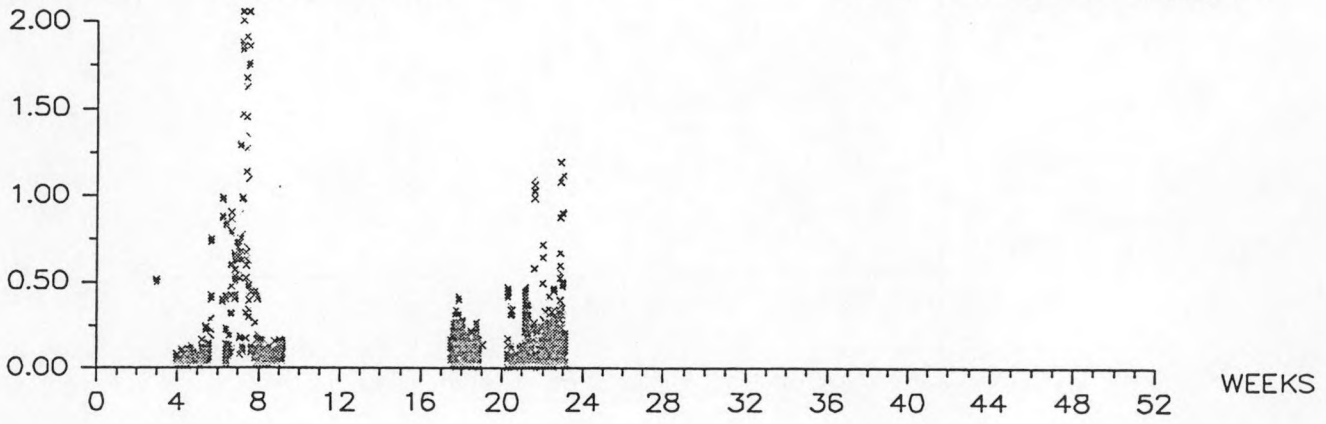
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

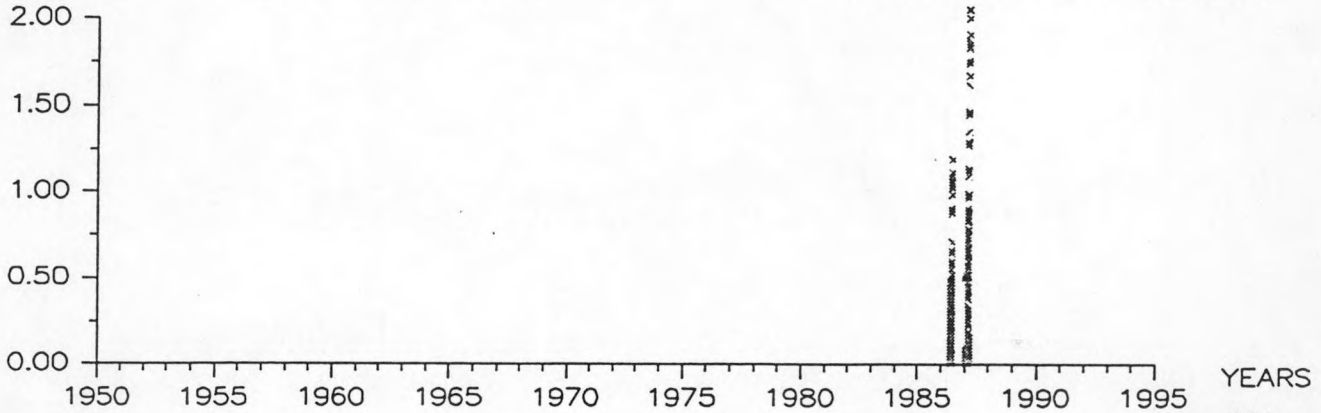
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 7



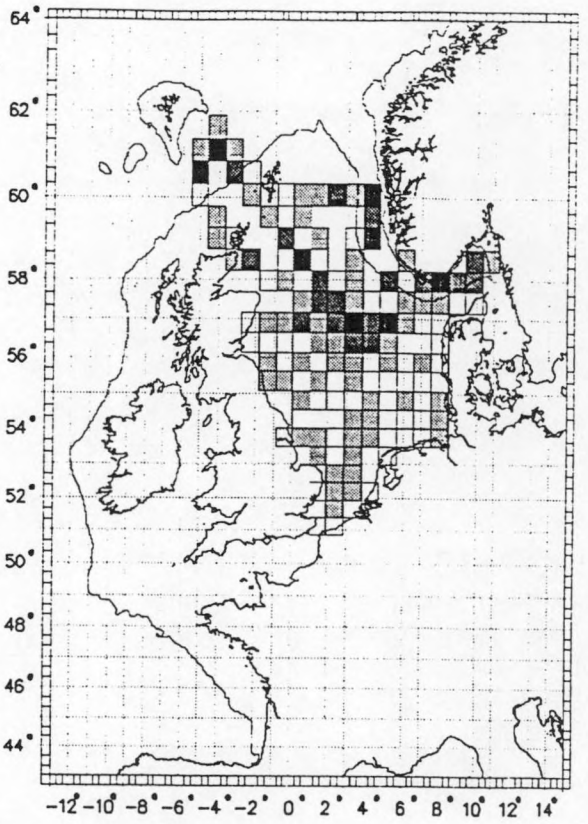
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004020001
ENAME : IOCB/Brockmann, U., Un.
UNITS : MYMOL/L
NO. OF DATA : 2462
NO. OF POSITIONS : 343



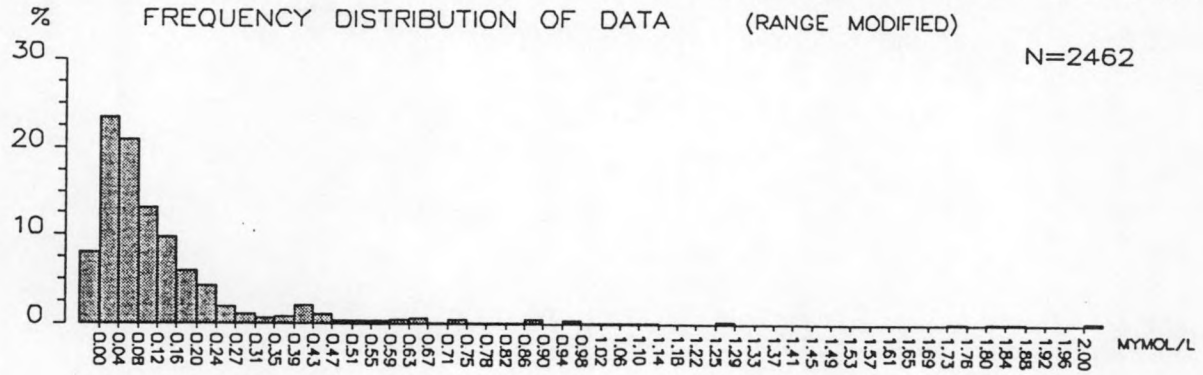
NO. OF DATA/AREA :
(without longterm data series !)

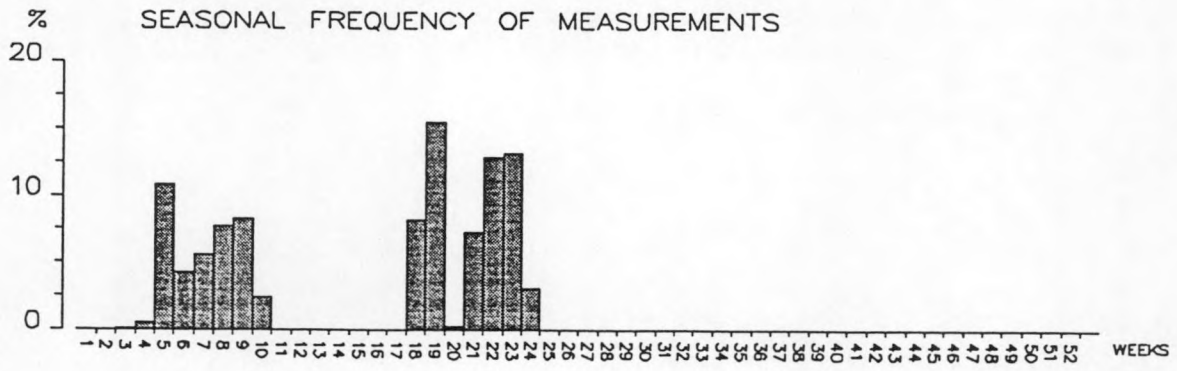
<	84	<	36
<	72	<	24
<	60	<	12
<	48	=	0

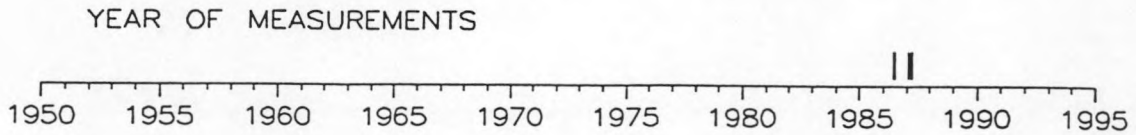
MINIMUM : 0.00
MAXIMUM : 2.75

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004020101

ENAME : IOW

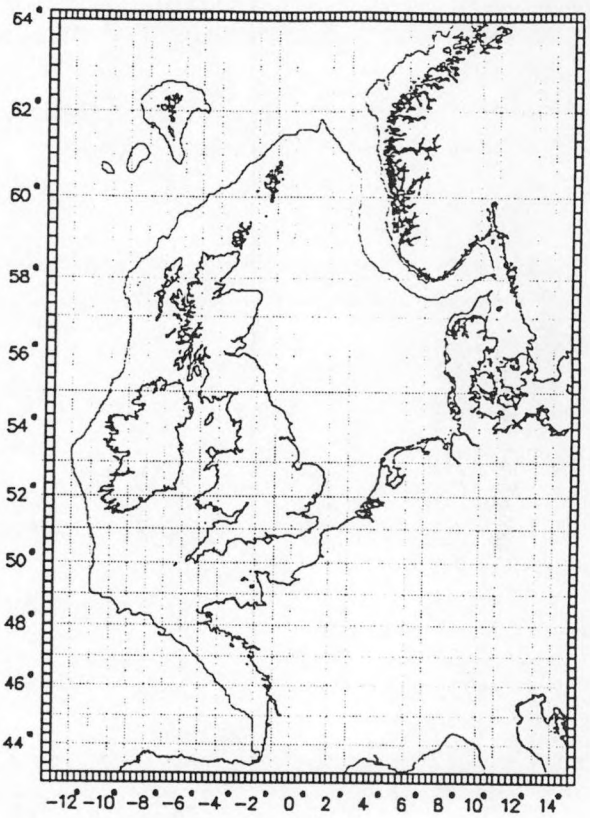
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 224

MINIMUM : 0.00

MAXIMUM : 1.52



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

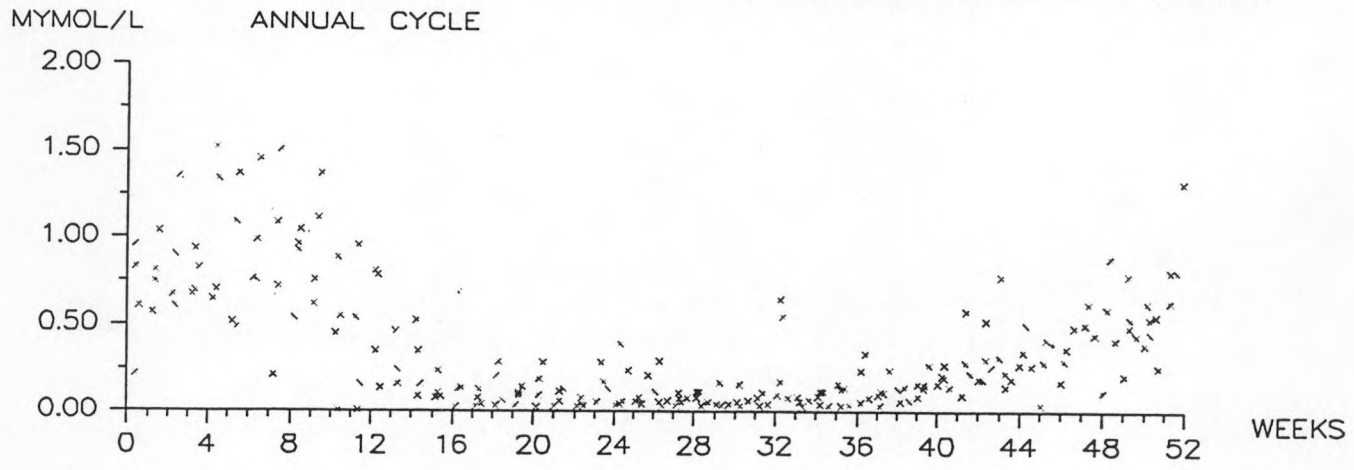
FIRST WEEK : 1

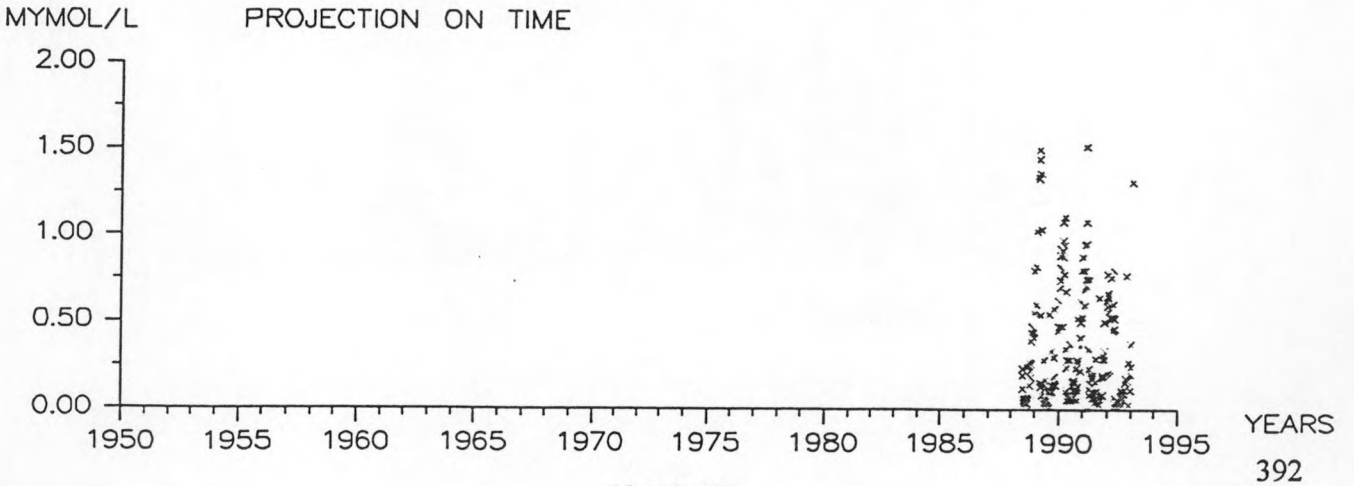
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



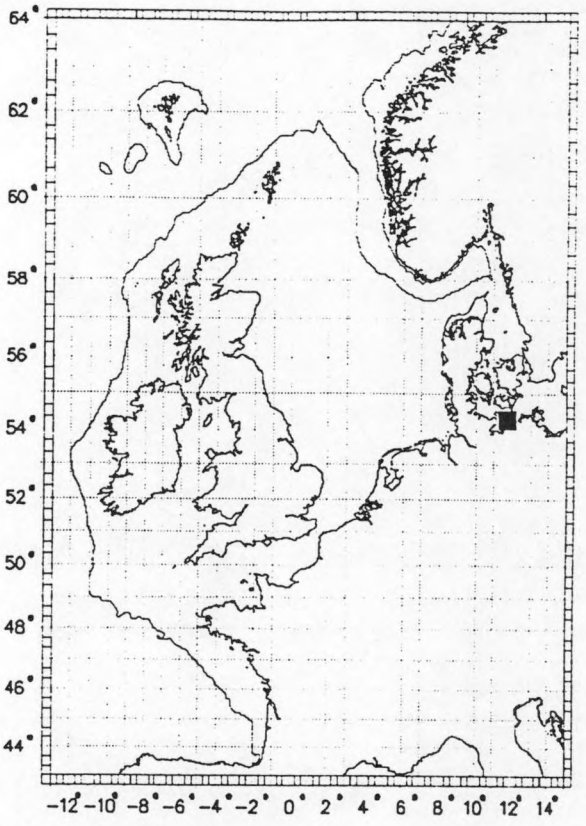


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004020101
ENAME : IOW
UNITS : MYMOL/L
NO. OF DATA : 224
NO. OF POSITIONS : 1



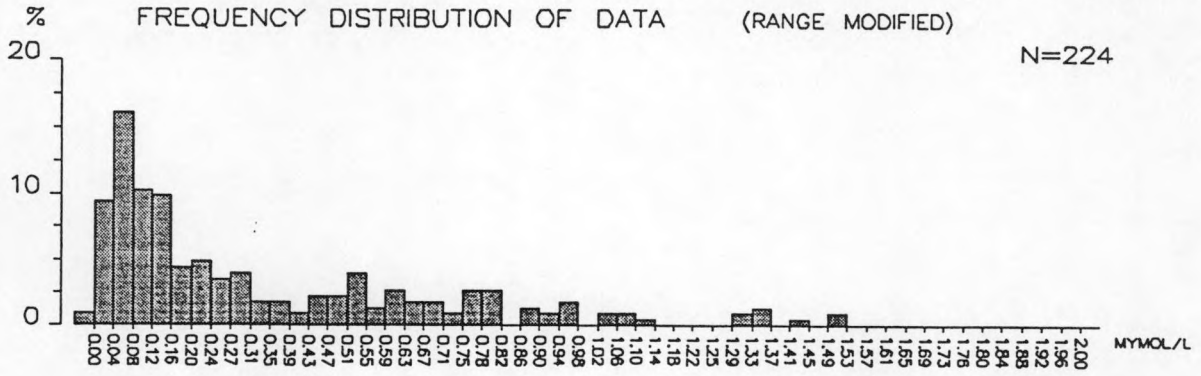
NO. OF DATA/AREA :
(without longterm data series !)

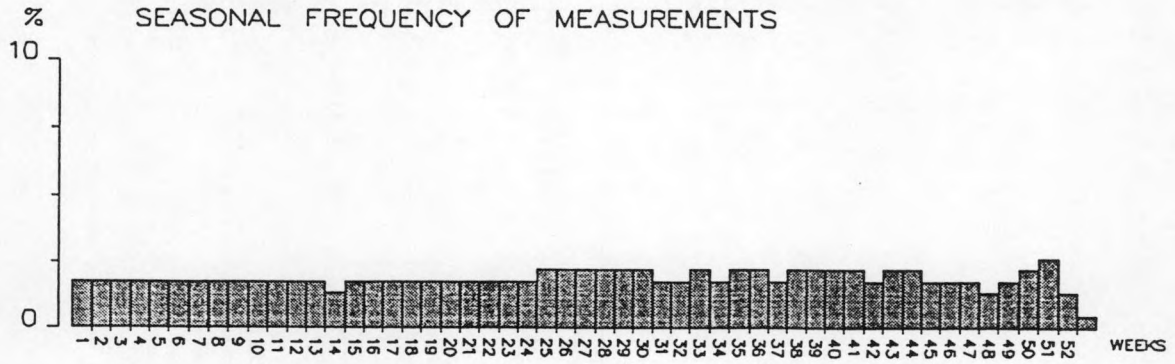
<	224	<	96
<	192	<	64
<	160	<	32
<	128	=	0

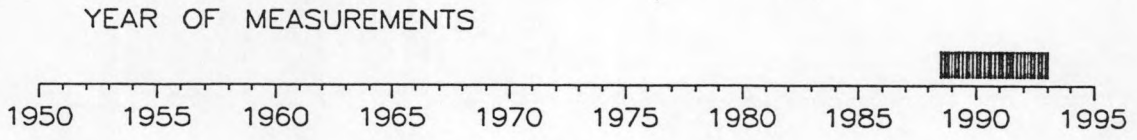
MINIMUM : 0.00
MAXIMUM : 1.52

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004030098

ENAME : IOW

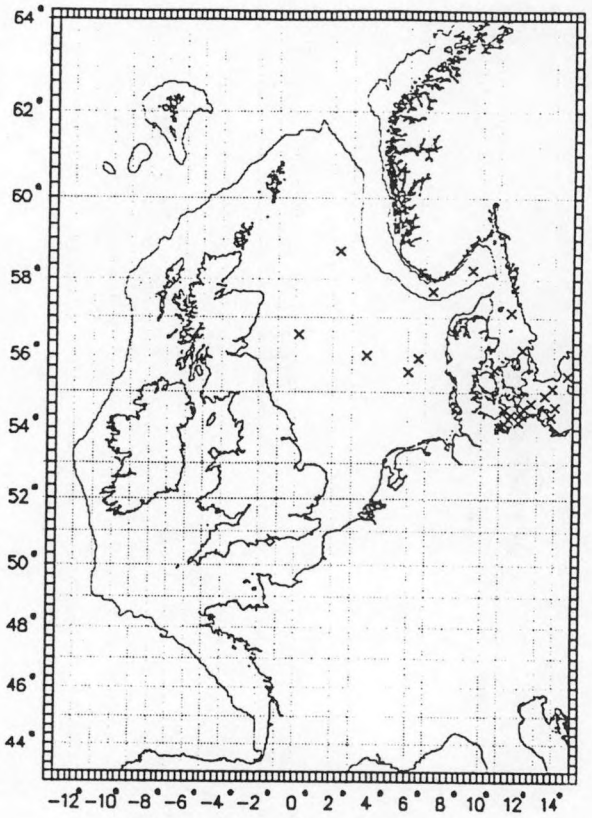
UNITS : MYMOL/L

NO. OF POSITIONS : 26

NO. OF DATA : 18613

MINIMUM : 0.00

MAXIMUM : 2.99



NO. OF DATA OUT OF RANGE : 16

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

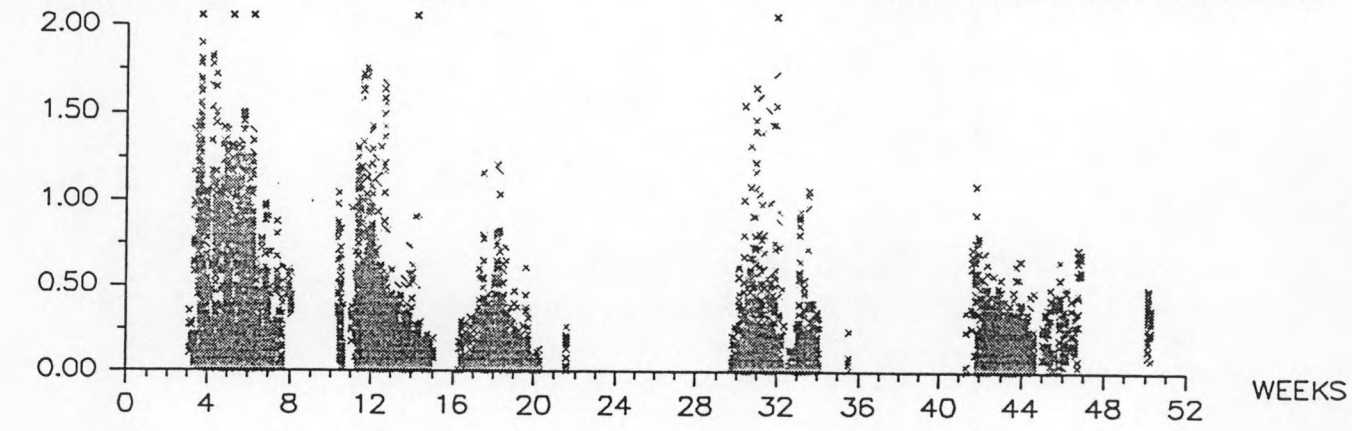
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

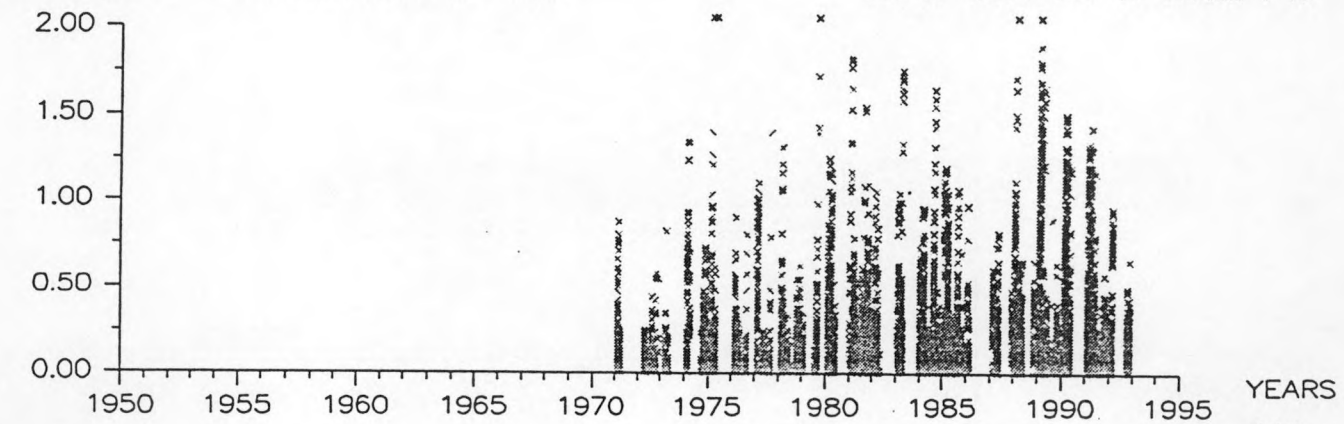
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 16



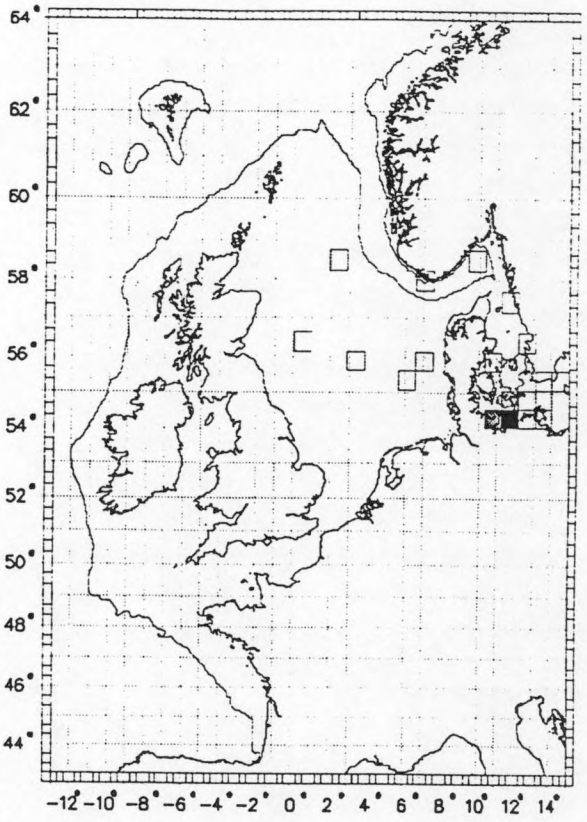
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004030098
ENAME : IOW
UNITS : MYMOL/L
NO. OF DATA : 18613
NO. OF POSITIONS : 26



NO. OF DATA/AREA :
(without longterm data series !)

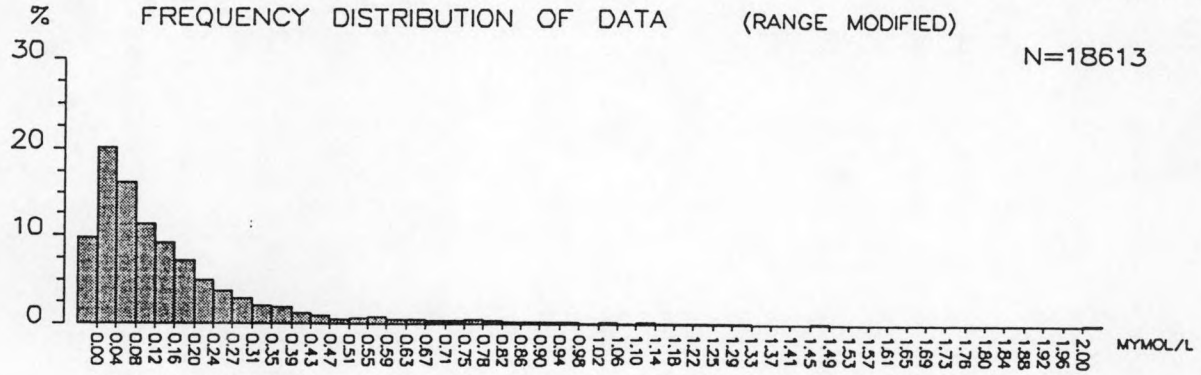
<	9332	<	3999
<	7998	<	2666
<	6665	<	1333
<	5332	=	0

MINIMUM : 0.00
MAXIMUM : 2.99

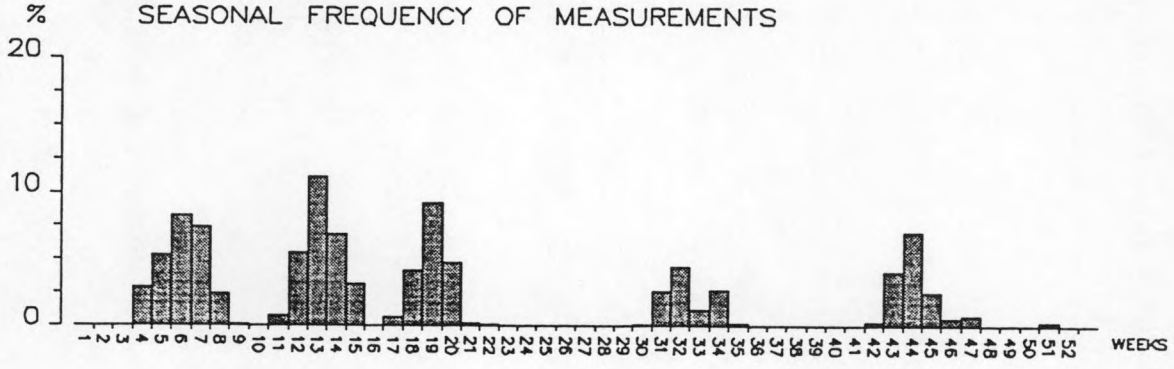
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

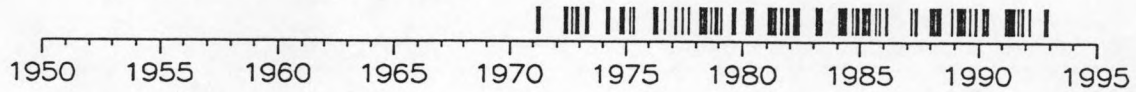
FREQUENCY DISTRIBUTION OF DATA (RANGE MODIFIED)



SEASONAL FREQUENCY OF MEASUREMENTS



YEAR OF MEASUREMENTS



96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004035101

ENAME : MBA/Southward, A.J.

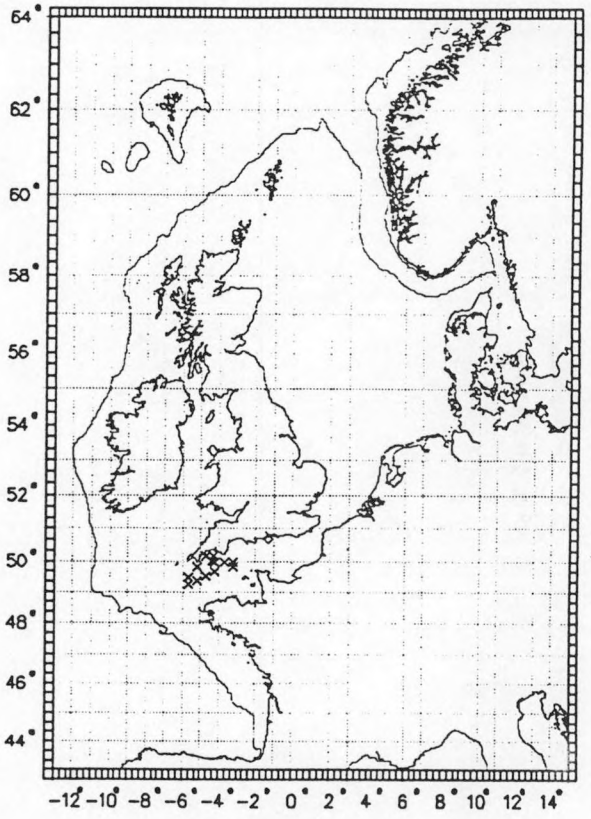
UNITS : MYMOL/L

NO. OF POSITIONS : 13

NO. OF DATA : 84

MINIMUM : 0.01

MAXIMUM : 3.59



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

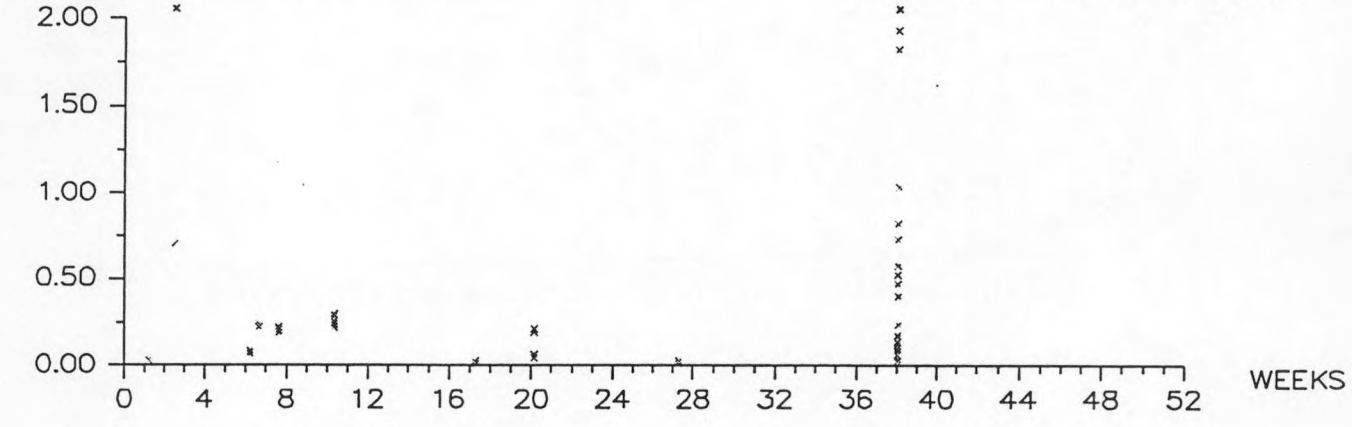
DEPTH–RANGE

UPPER : 0

LOWER : 2000

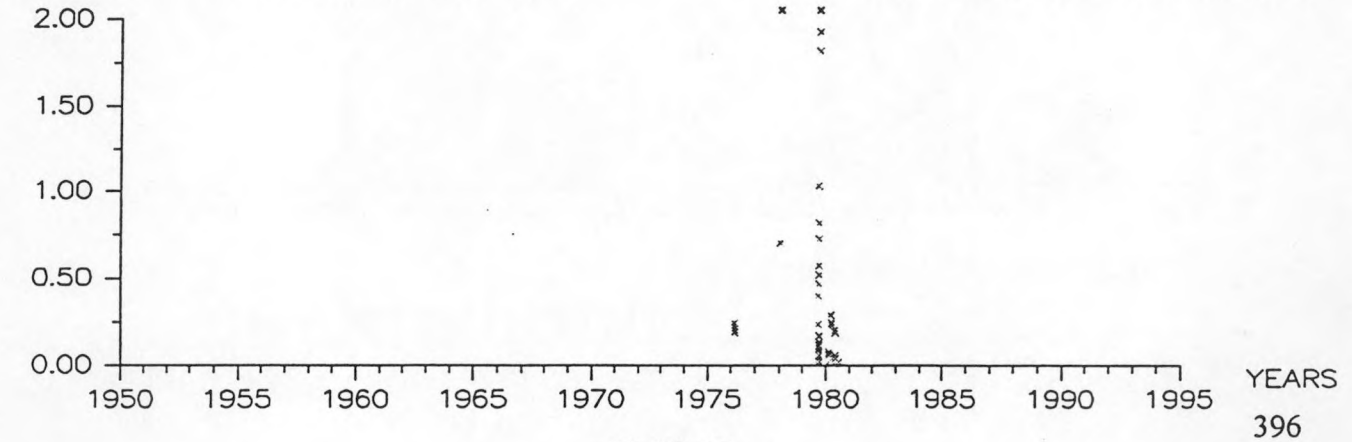
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 10



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 10



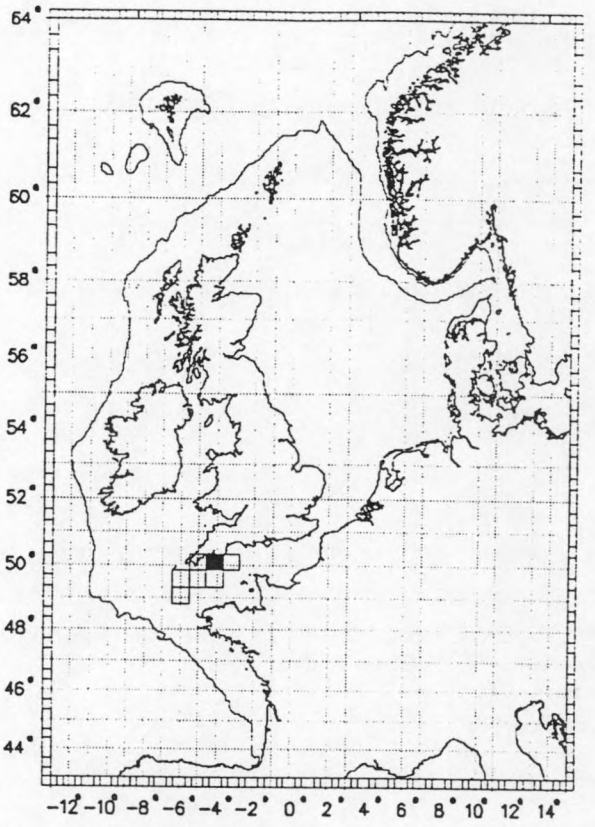
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004035101
ENAME : MBA/Southward, A.J.
UNITS : MYMOL/L
NO. OF DATA : 84
NO. OF POSITIONS : 13



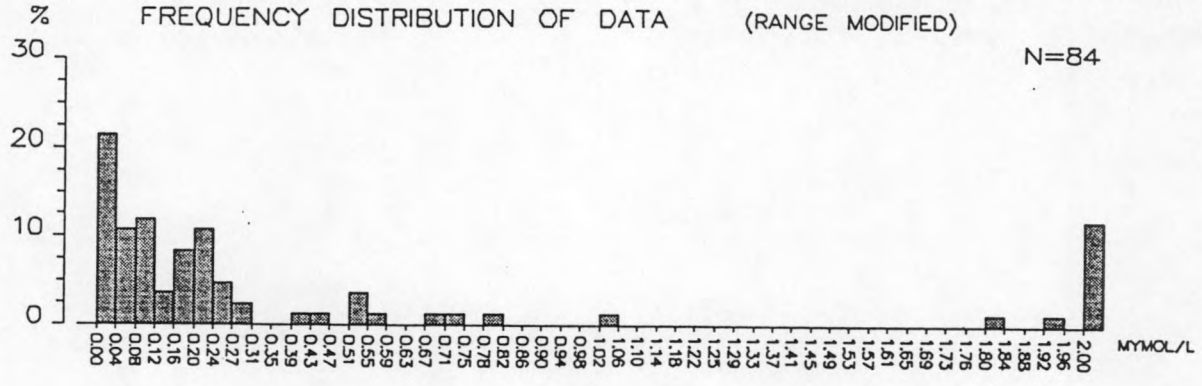
NO. OF DATA/AREA :
(without longterm data series !)

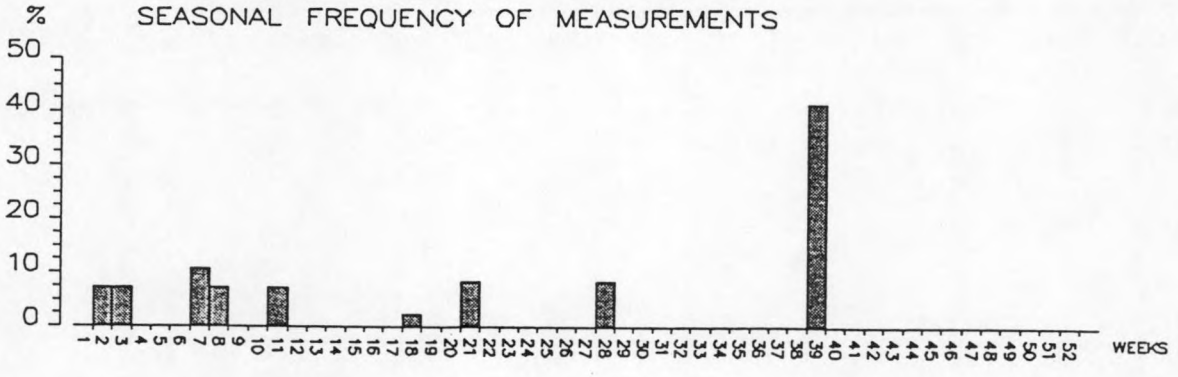
<	62	<	26
<	53	<	17
<	44	<	8
<	35	=	0

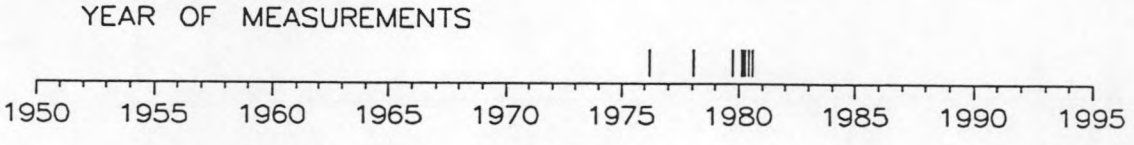
MINIMUM : 0.01
MAXIMUM : 3.59

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







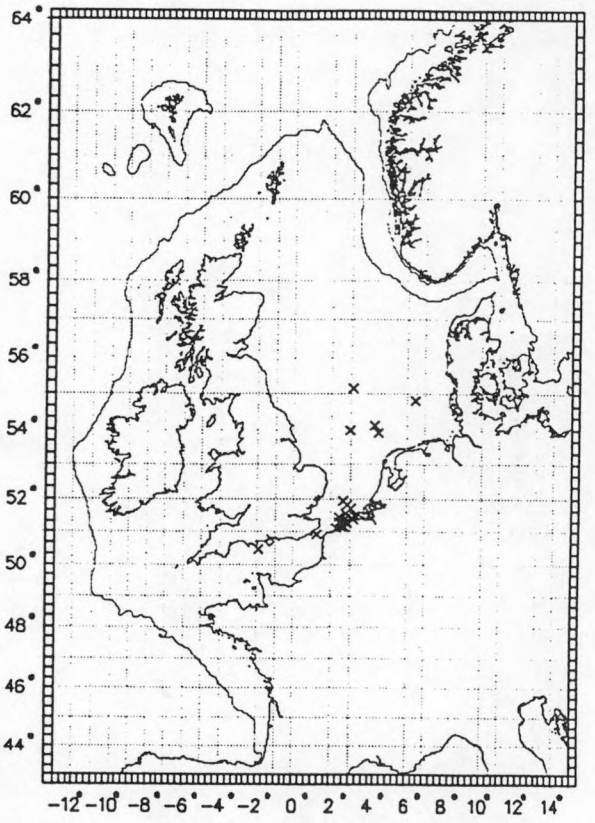
96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004101501
ENAME : MUMM (OOST)
UNITS : MYMOL/L
NO. OF POSITIONS : 26
NO. OF DATA : 91
MINIMUM : 0.14
MAXIMUM : 3.27

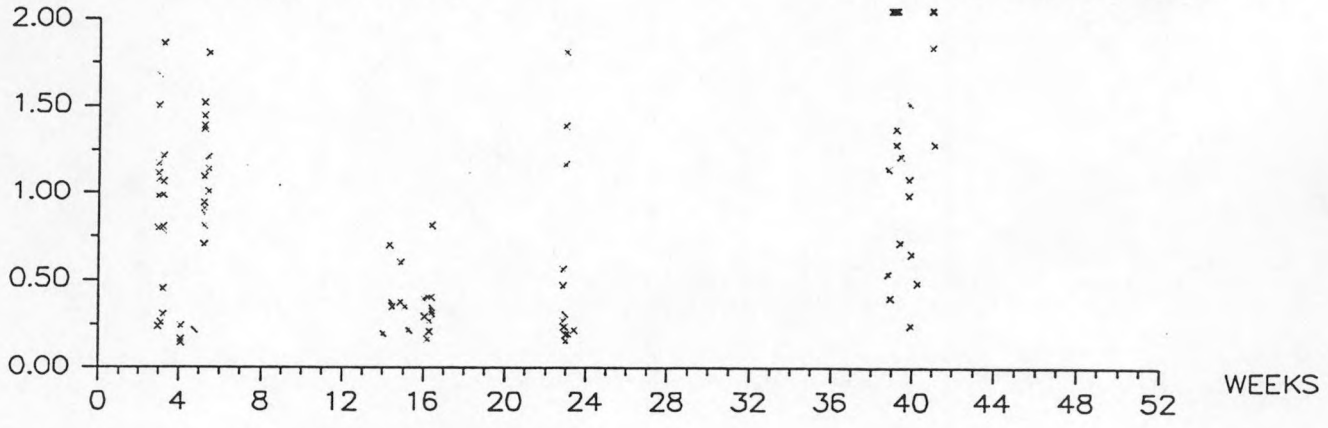


NO. OF DATA OUT OF RANGE : 4

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

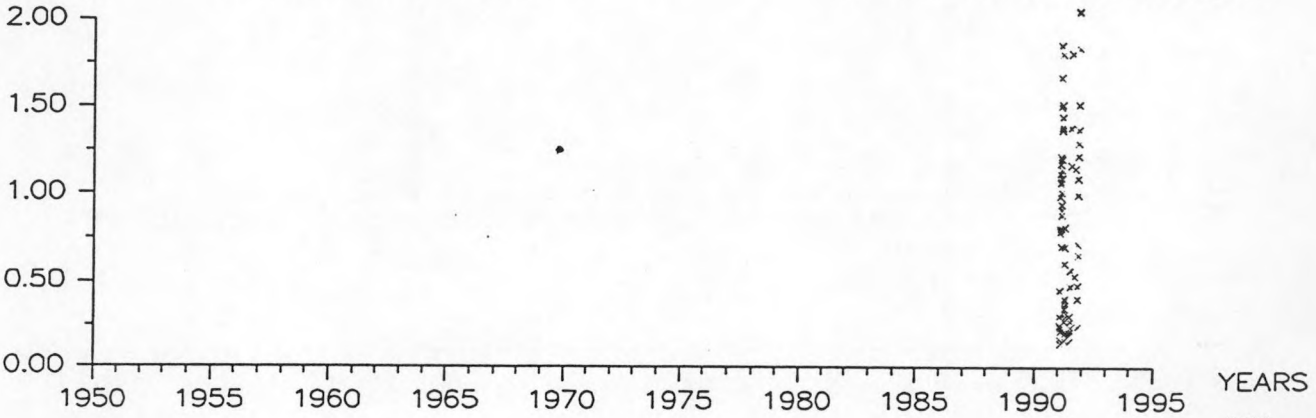
DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 4

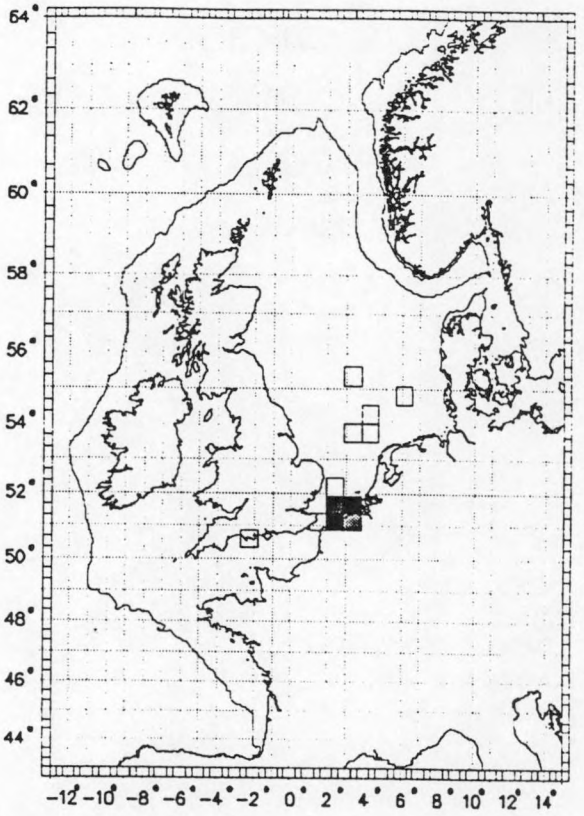


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004101501
ENAME : MUMM (OOST)
UNITS : MYMOL/L
NO. OF DATA : 91
NO. OF POSITIONS : 26



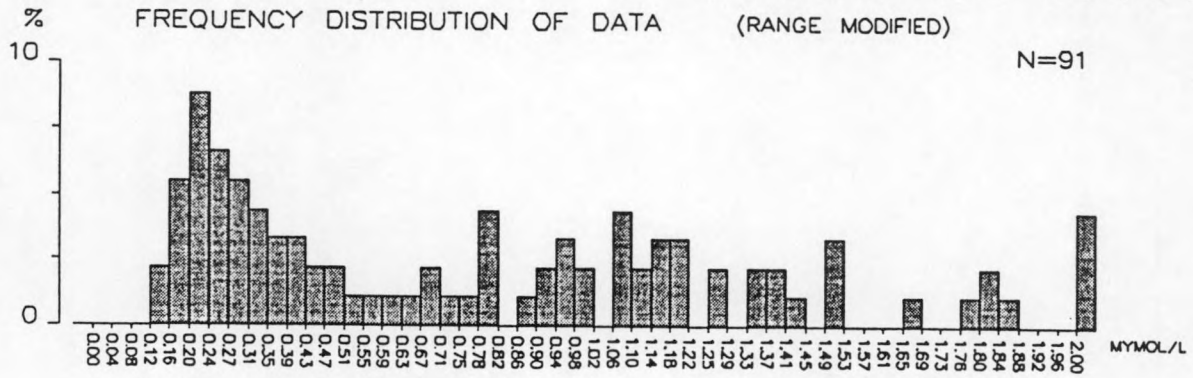
NO. OF DATA/AREA :
(without longterm data series !)

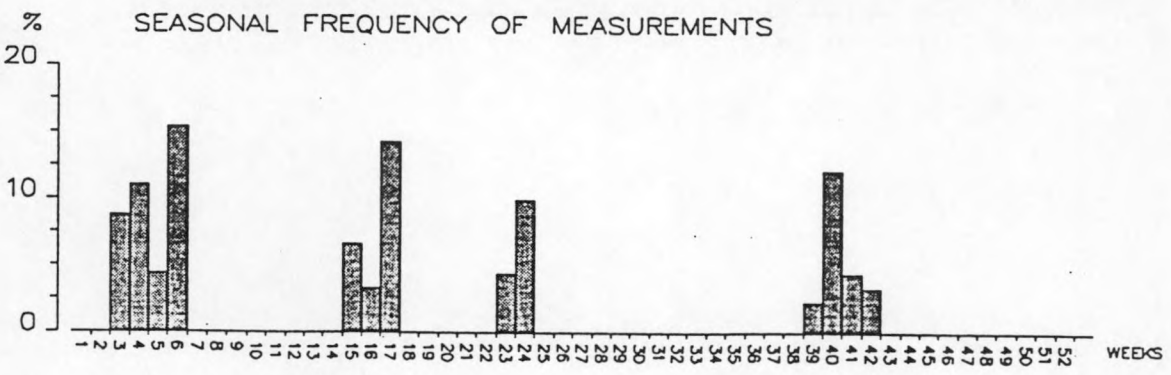
< 29	< 12
< 24	< 8
< 20	< 4
< 16	= 0

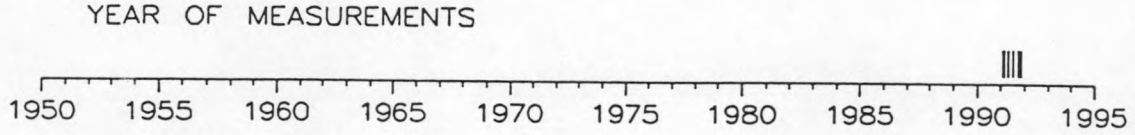
MINIMUM : 0.14
MAXIMUM : 3.27

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004014801

ENAME : Slinn, D.J. and Allen,.

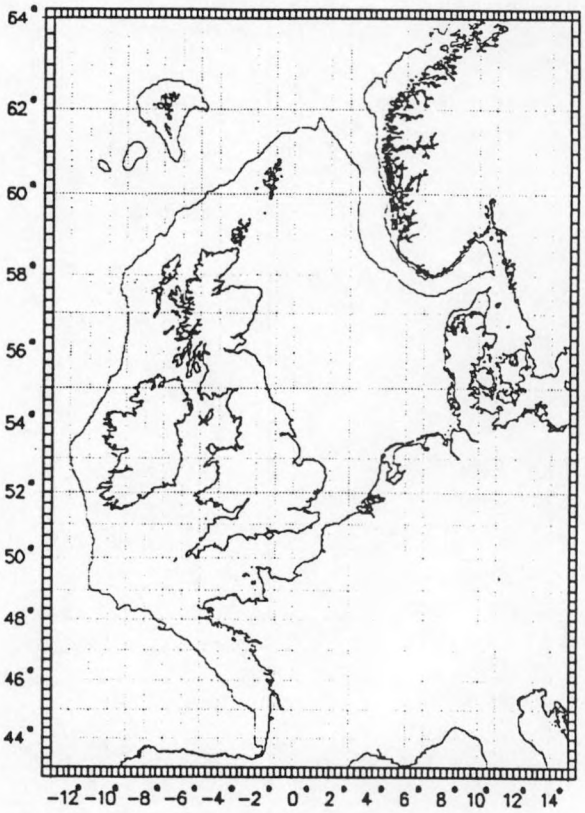
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 2722

MINIMUM : 0.01

MAXIMUM : 0.71



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

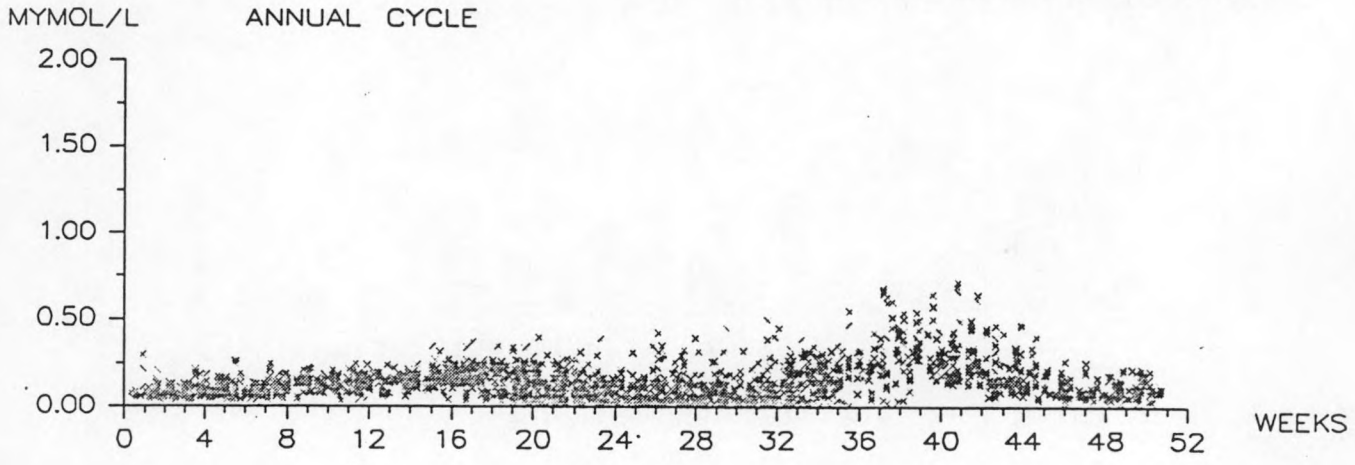
FIRST WEEK : 1

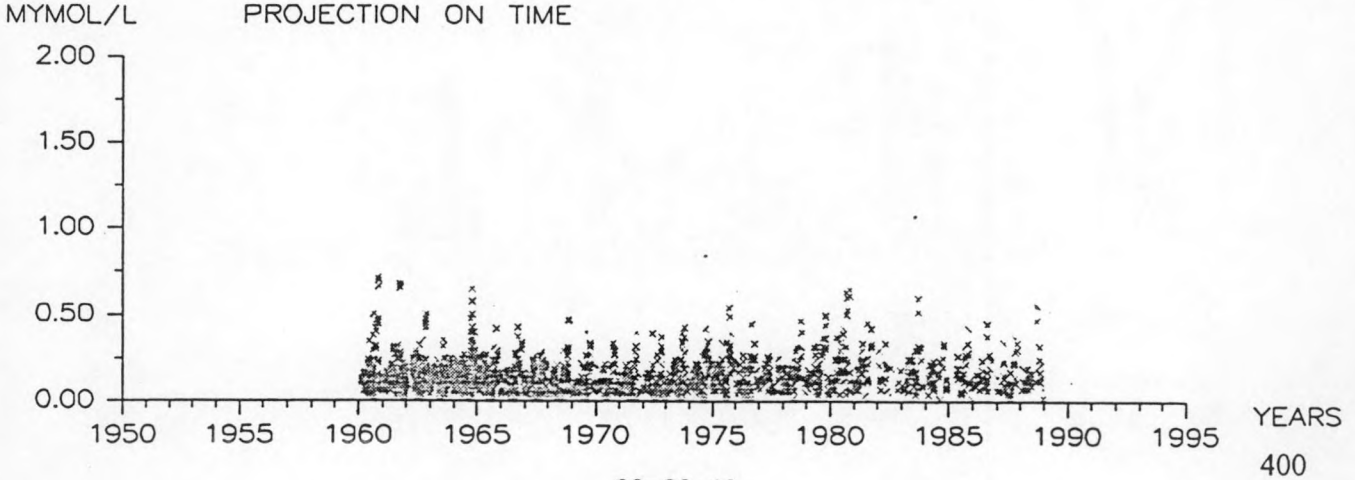
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





400

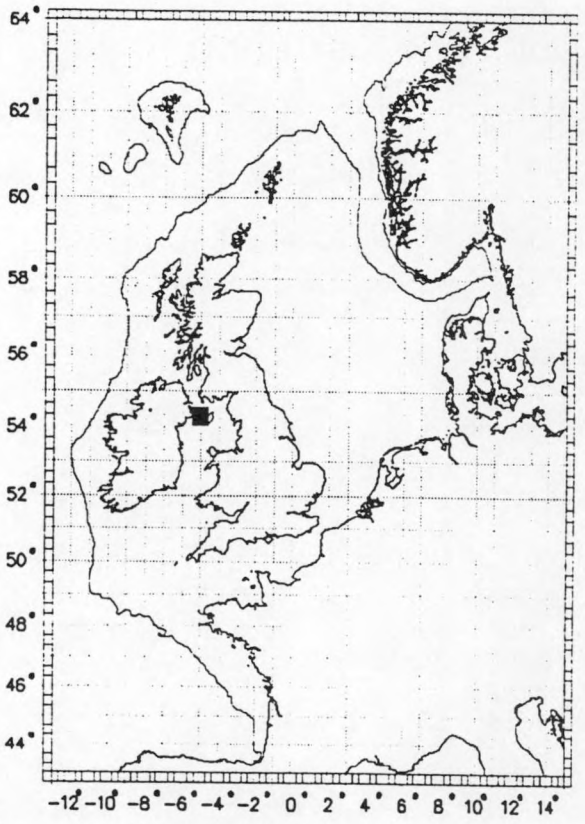
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004014801
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 2722
NO. OF POSITIONS : 1



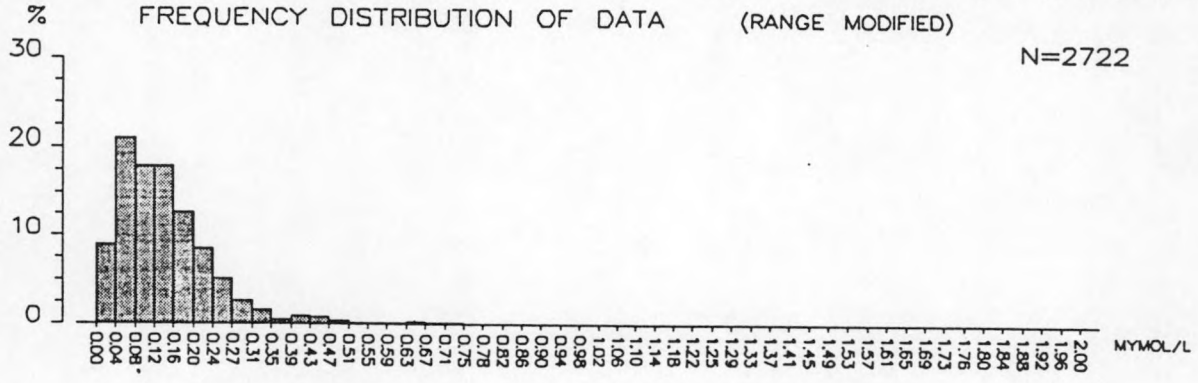
NO. OF DATA/AREA :
(without longterm data series !)

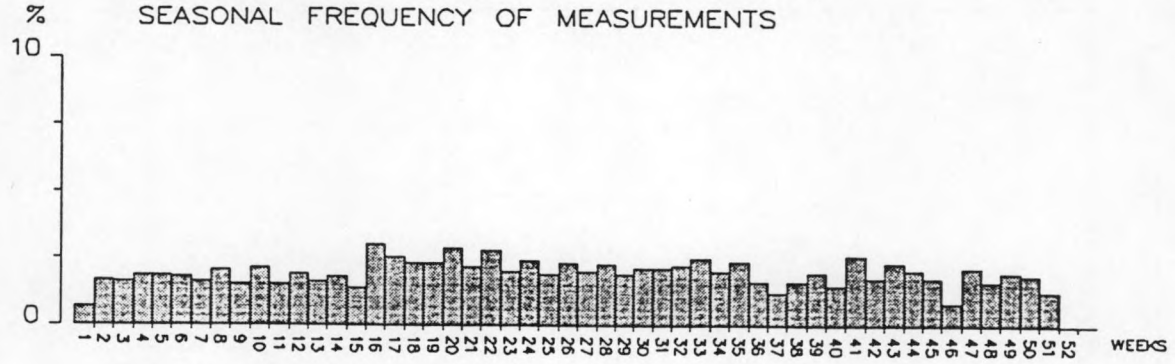
<	2722	<	1166
<	2333	<	777
<	1944	<	388
<	1555	=	0

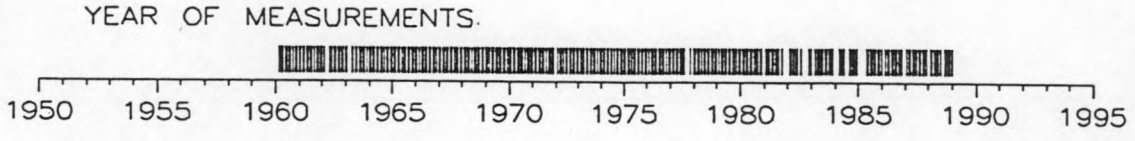
MINIMUM : 0.01
MAXIMUM : 0.71

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004014901

ENAME : Slinn, D.J. and Allen,.

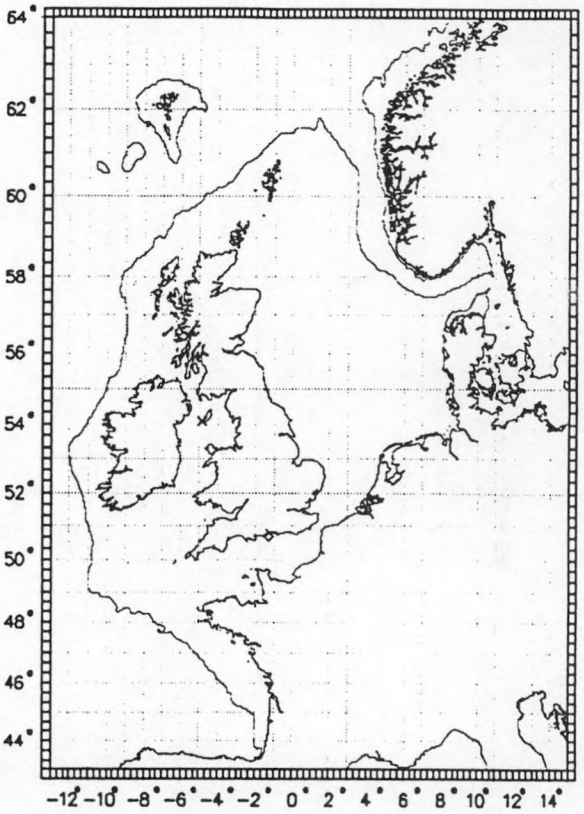
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 84

MINIMUM : 0.01

MAXIMUM : 0.89



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

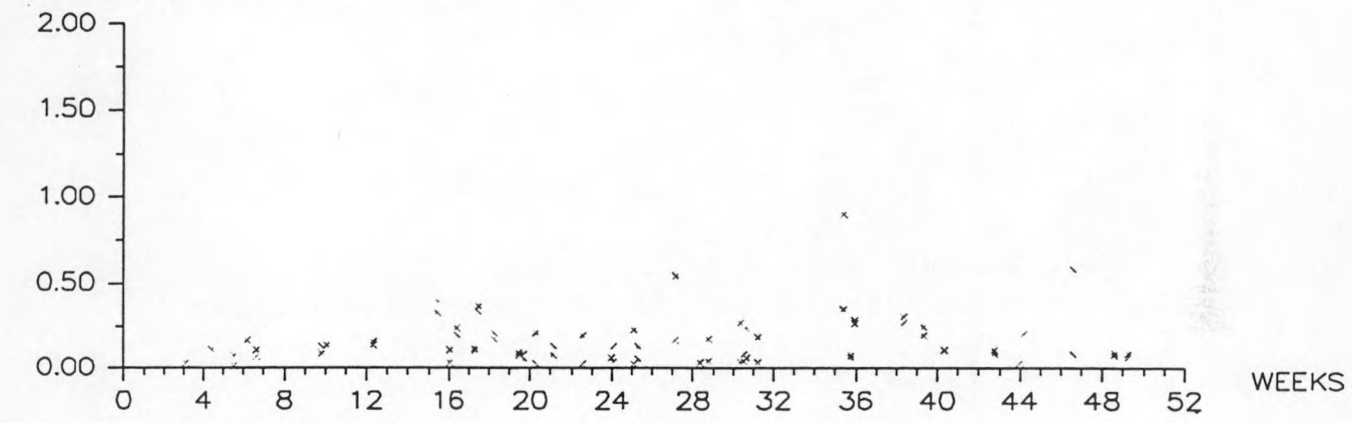
LAST WEEK : 53

DEPTH–RANGE

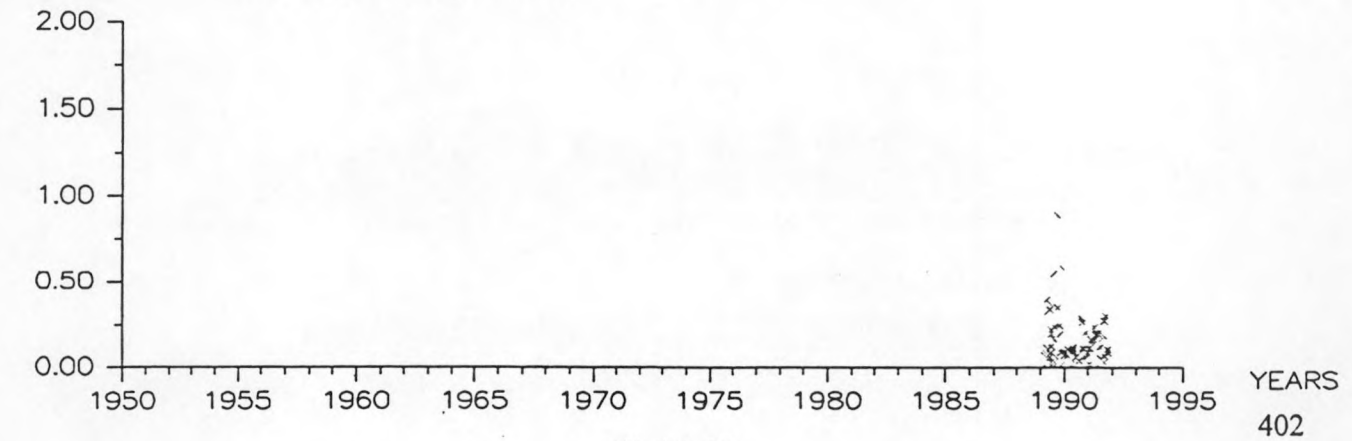
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



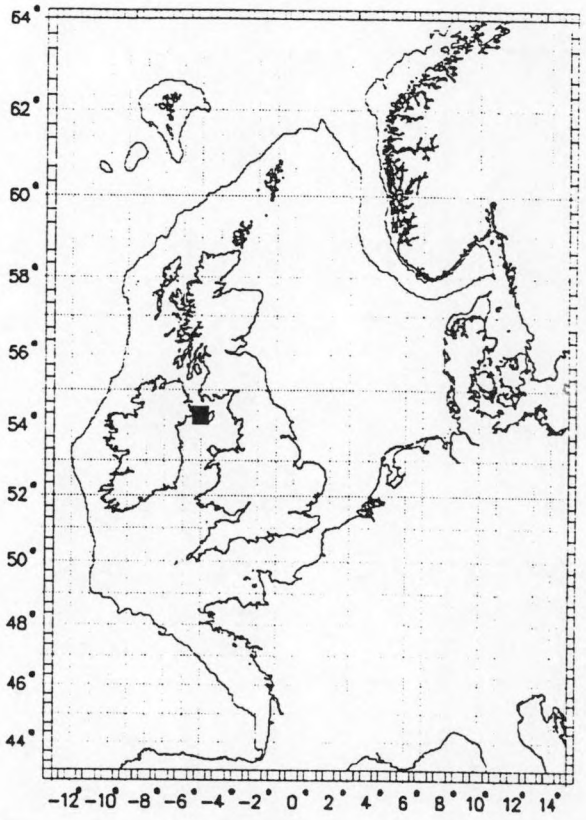
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004014901
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 84
NO. OF POSITIONS : 1



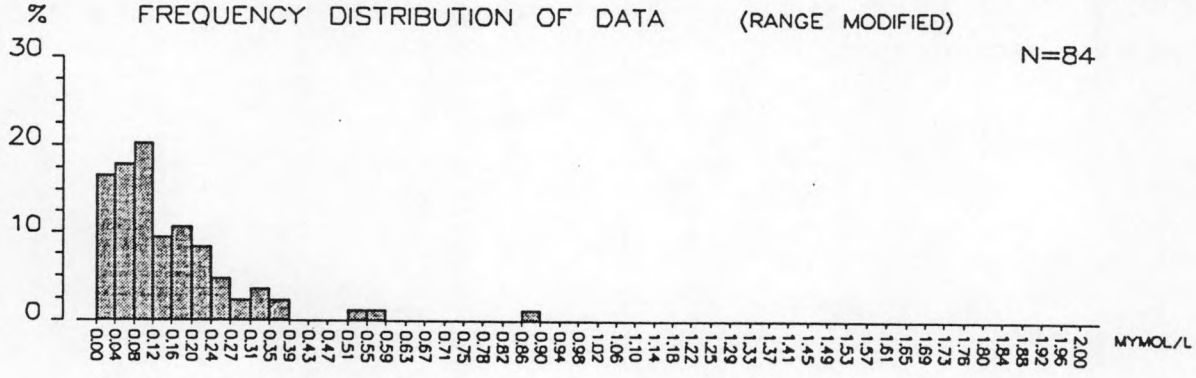
NO. OF DATA/AREA :
(without longterm data series !)

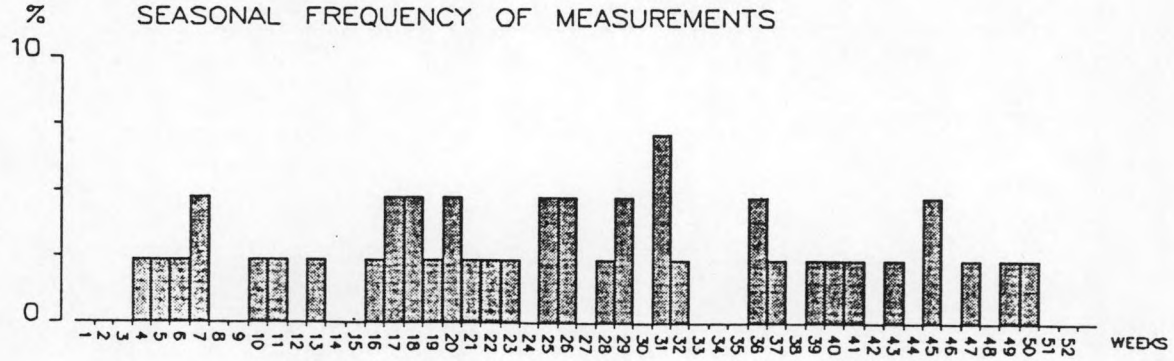
< 84	< 36
< 72	< 24
< 60	< 12
< 48	= 0

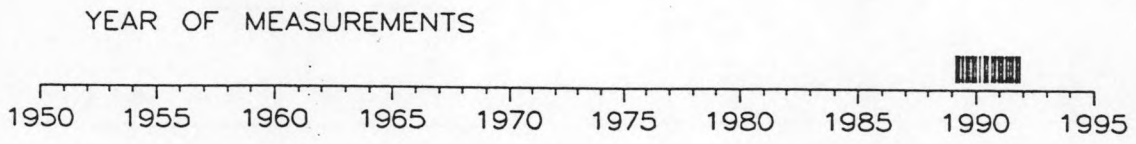
MINIMUM : 0.01
MAXIMUM : 0.89

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004015001

ENAME : Slinn, D.J. and Allen,.

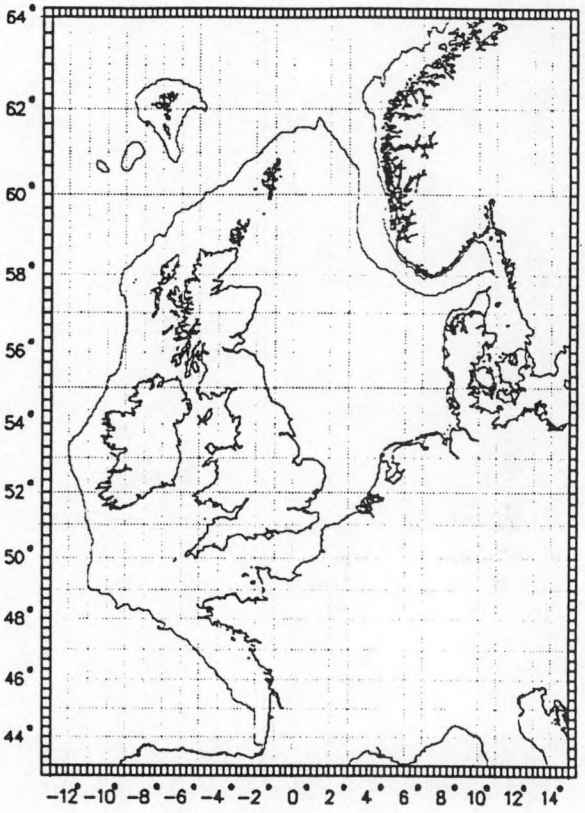
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 47

MINIMUM : 0.00

MAXIMUM : 0.52



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

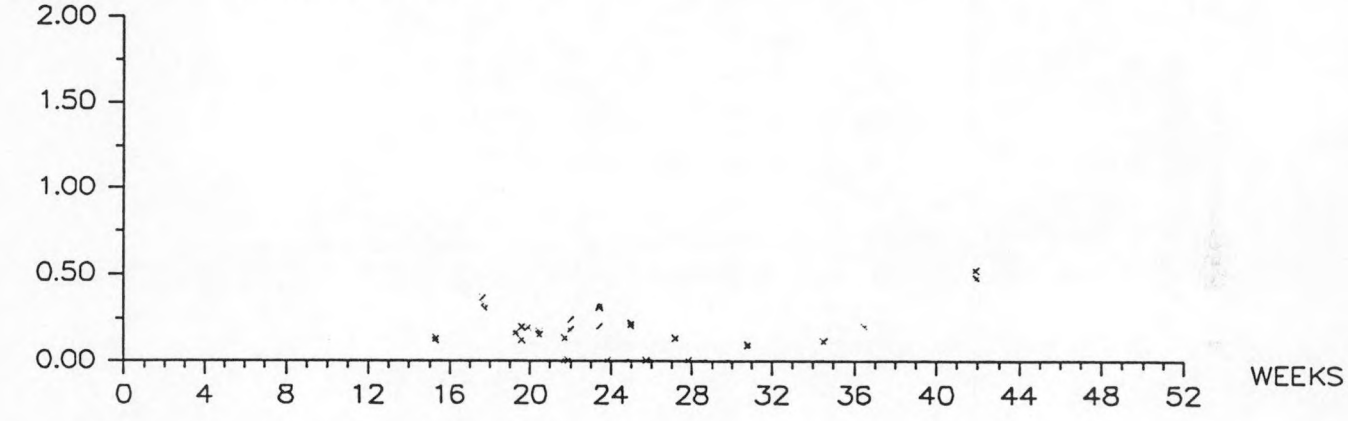
LAST WEEK : 53

DEPTH–RANGE

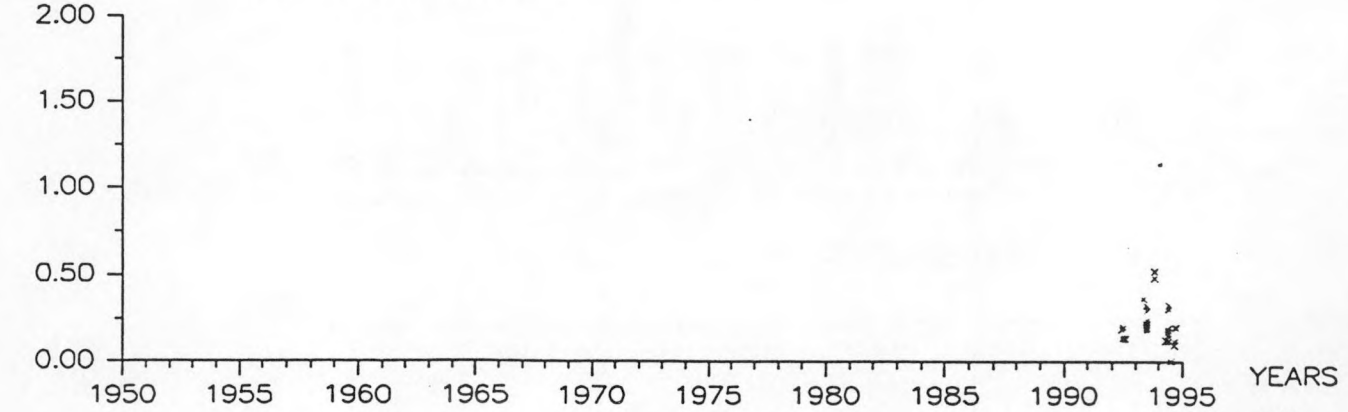
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

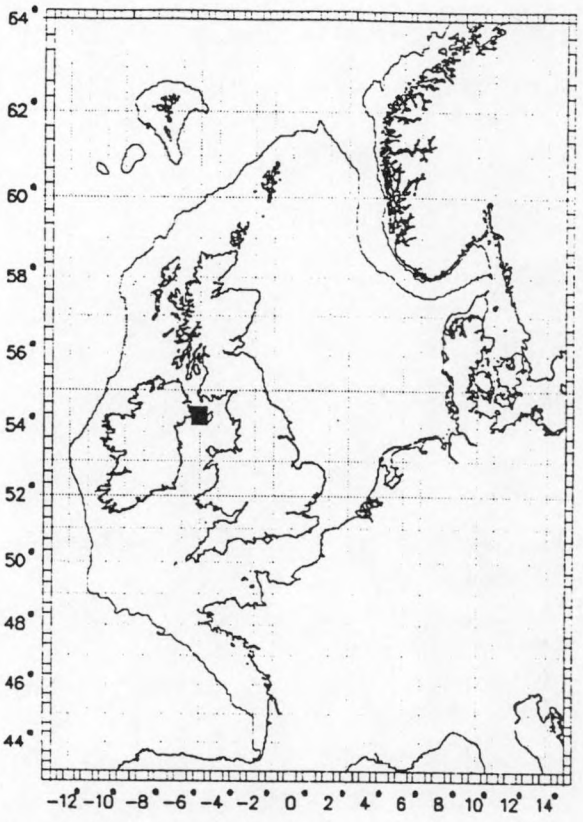


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004015001
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 47
NO. OF POSITIONS : 1



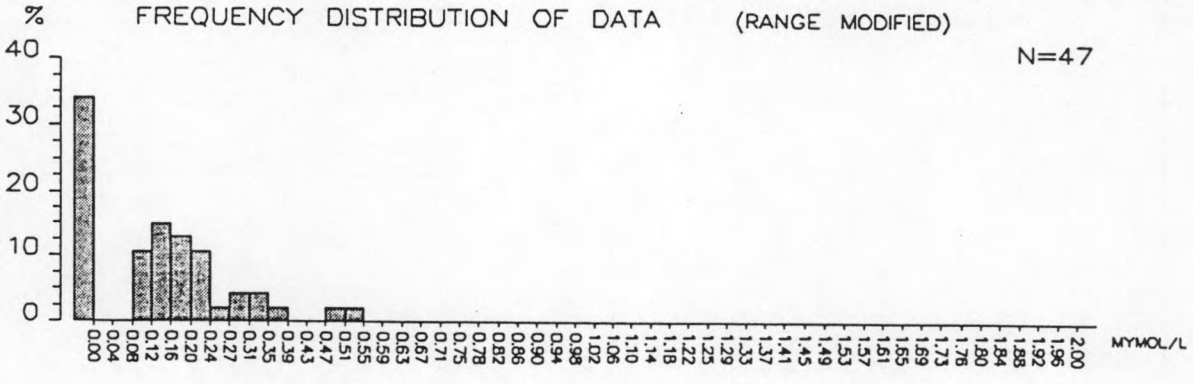
NO. OF DATA/AREA :
(without longterm data series !)

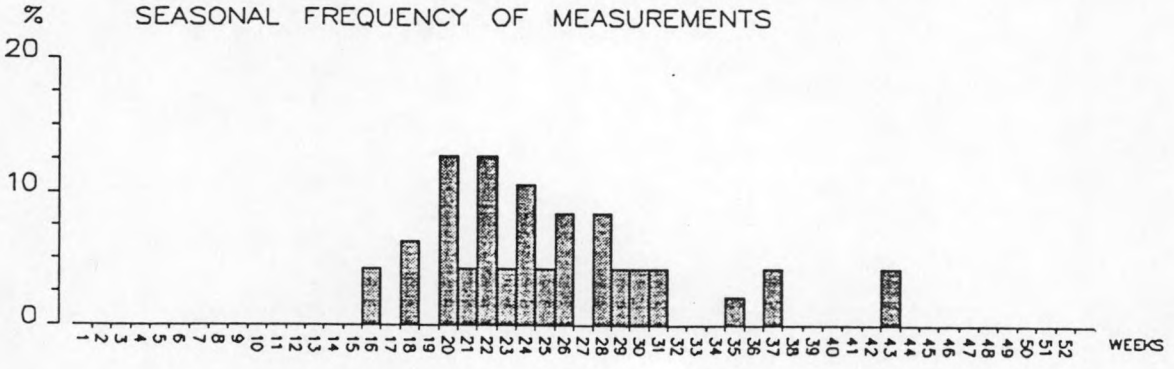
< 47	< 20
< 40	< 13
< 33	< 6
< 26	= 0

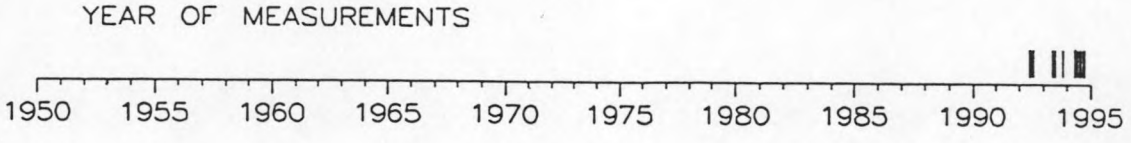
MINIMUM : 0.00
MAXIMUM : 0.52

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004032001

ENAME : Joint, I./Plymouth

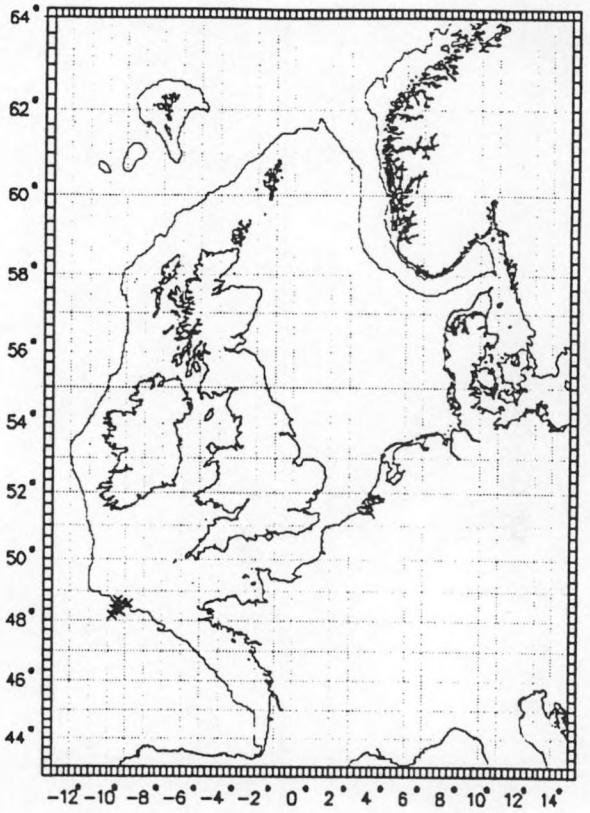
UNITS : MYMOL/L

NO. OF POSITIONS : 10

NO. OF DATA : 89

MINIMUM : 0.04

MAXIMUM : 0.95



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

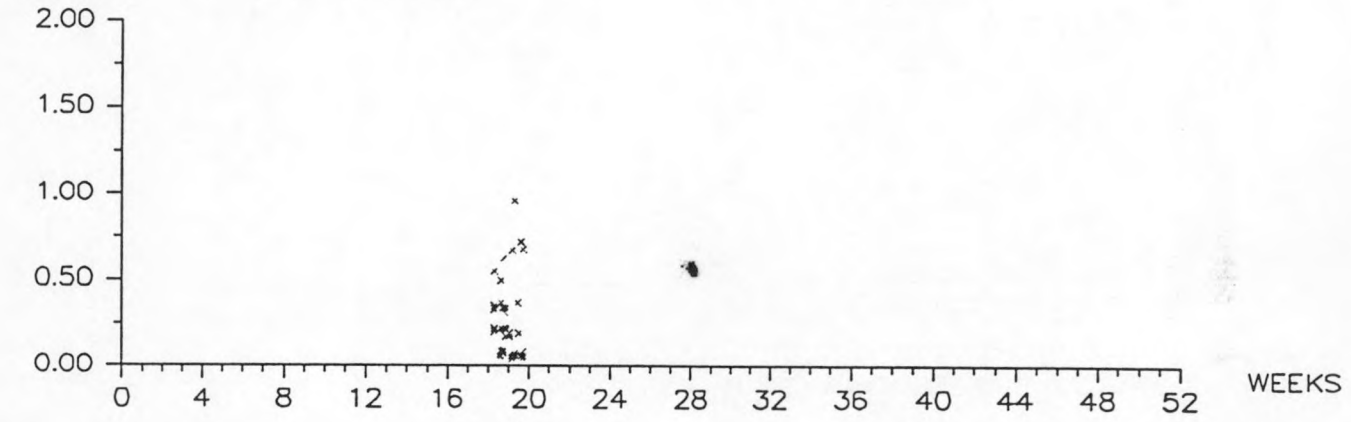
LAST WEEK : 53

DEPTH–RANGE

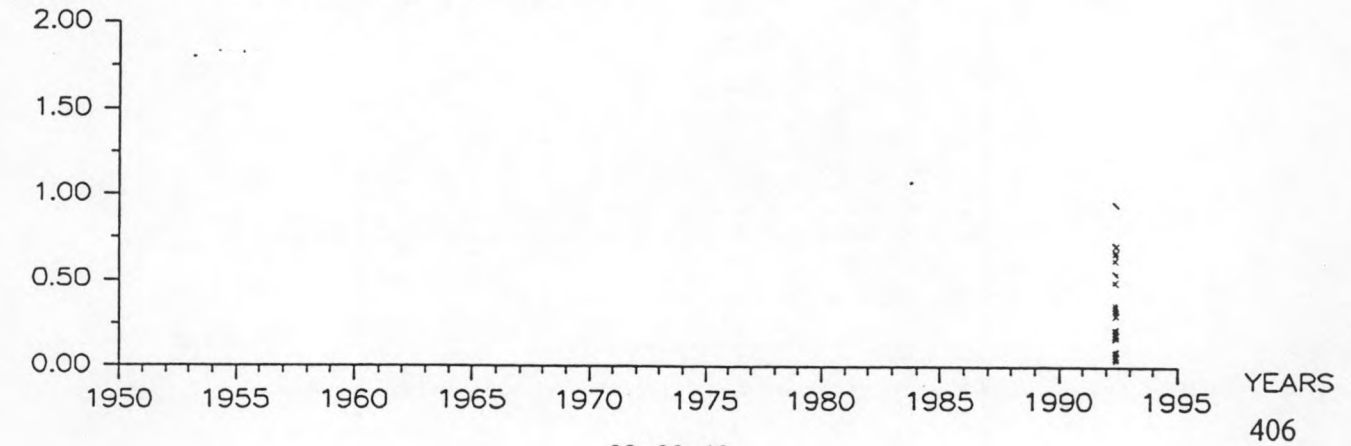
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



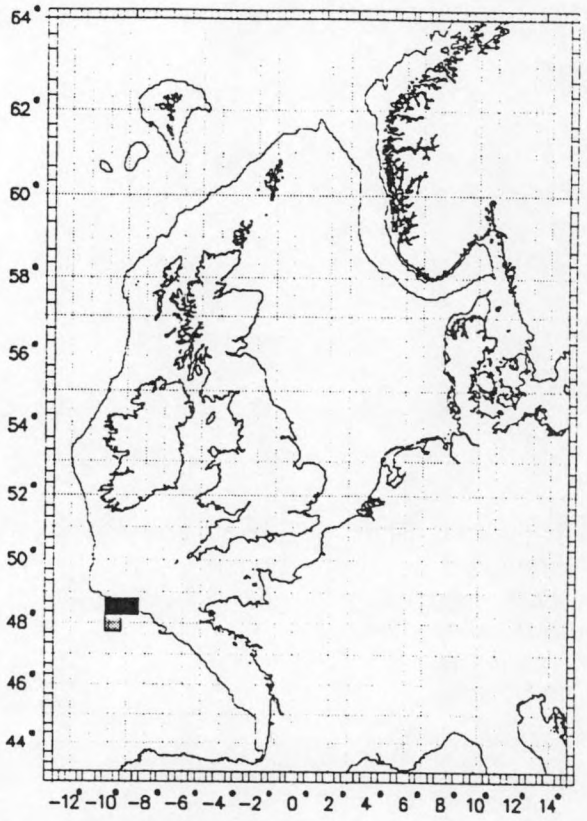
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004032001
ENAME : Joint, I./Plymouth
UNITS : MYMOL/L
NO. OF DATA : 89
NO. OF POSITIONS : 10



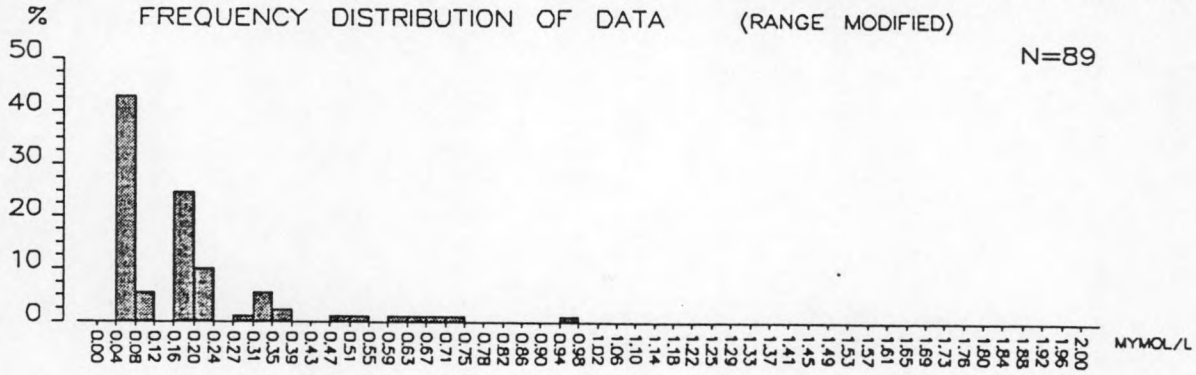
NO. OF DATA/AREA :
(without longterm data series !)

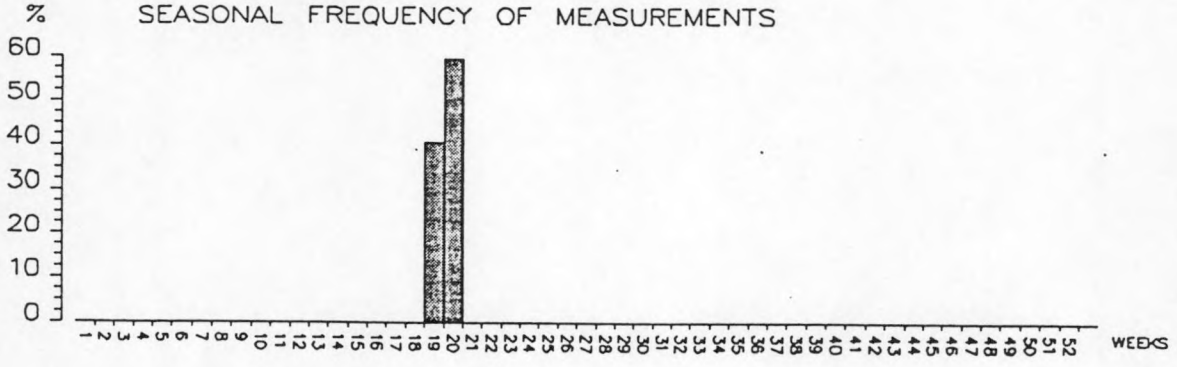
< 44	< 18
< 37	< 12
< 31	< 6
< 25	= 0

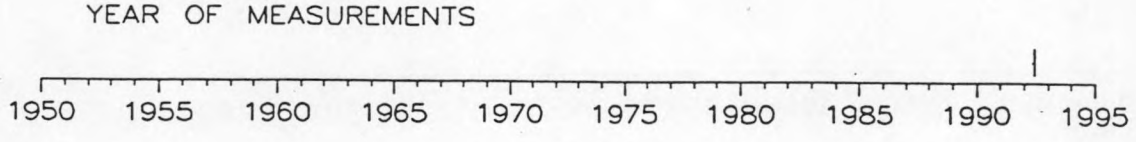
MINIMUM : 0.04
MAXIMUM : 0.95

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004032001

ENAME : Howland, R./Plymouth

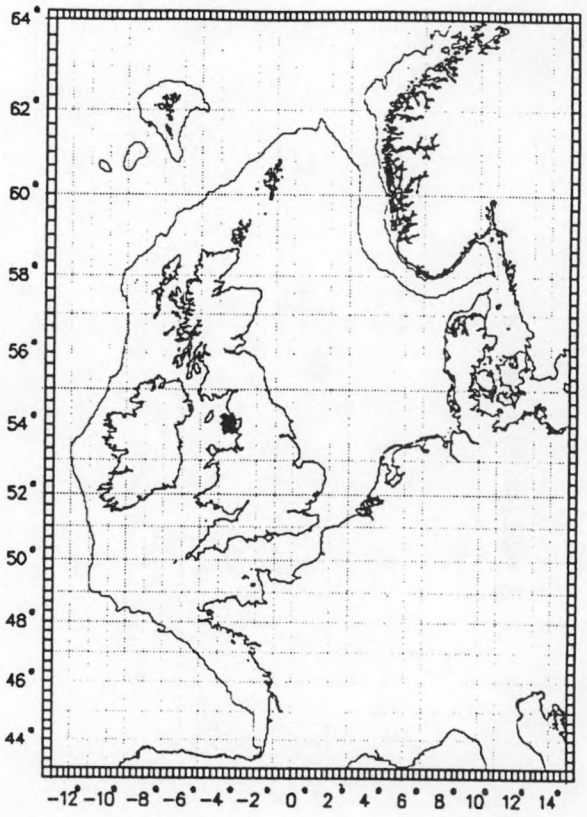
UNITS : MYMOL/L

NO. OF POSITIONS : 70

NO. OF DATA : 214

MINIMUM : 0.42

MAXIMUM : 0.76



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

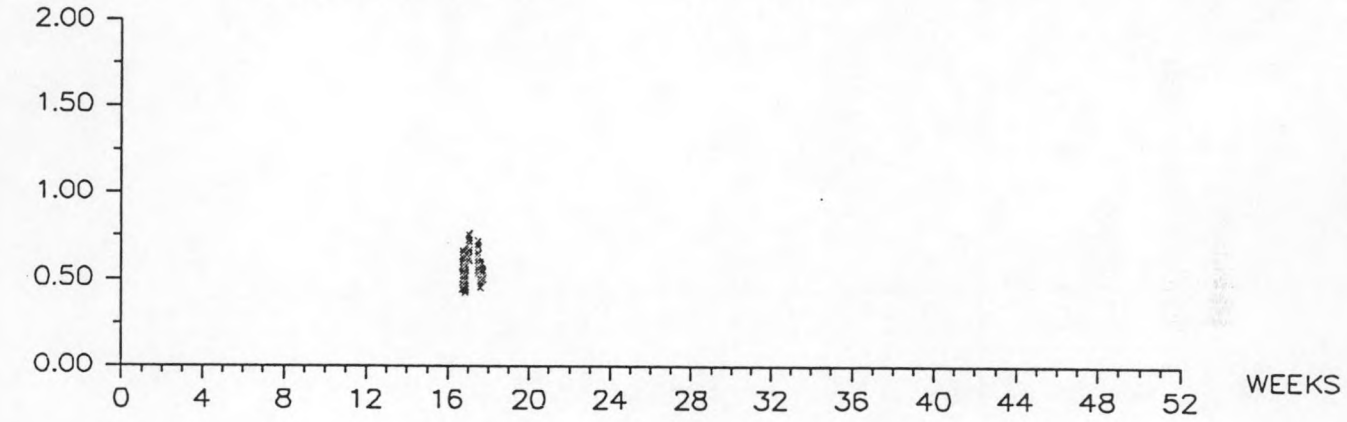
LAST WEEK : 53

DEPTH–RANGE

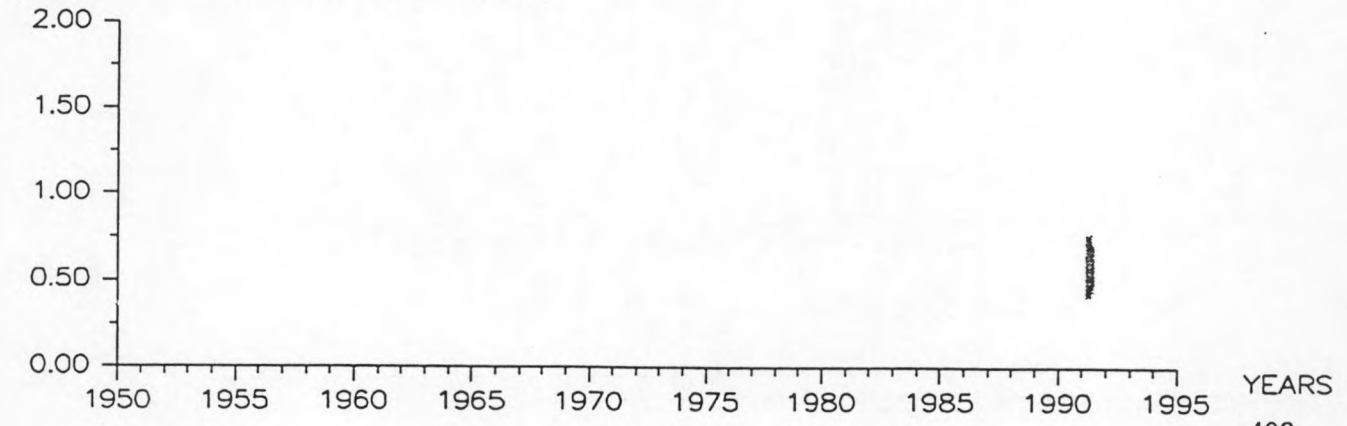
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



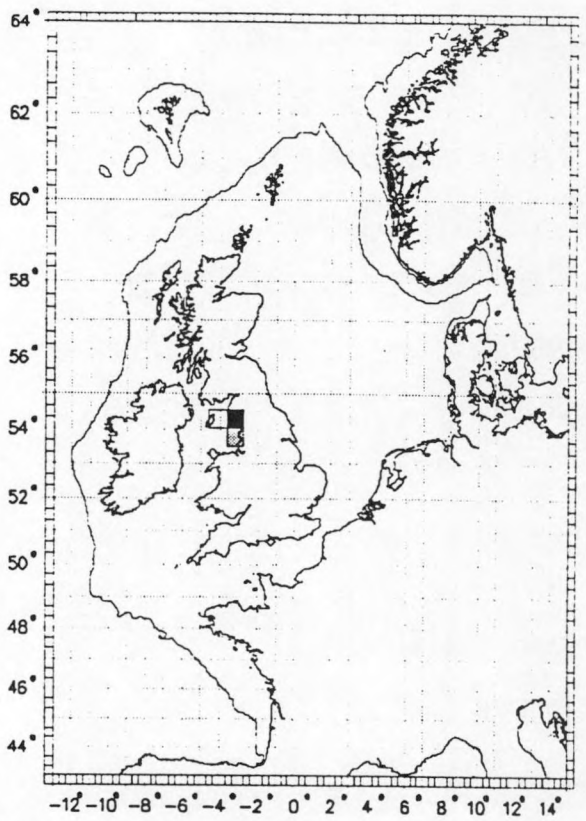
96–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004032001
ENAME : Howland, R./Plymouth
UNITS : MYMOL/L
NO. OF DATA : 214
NO. OF POSITIONS : 70



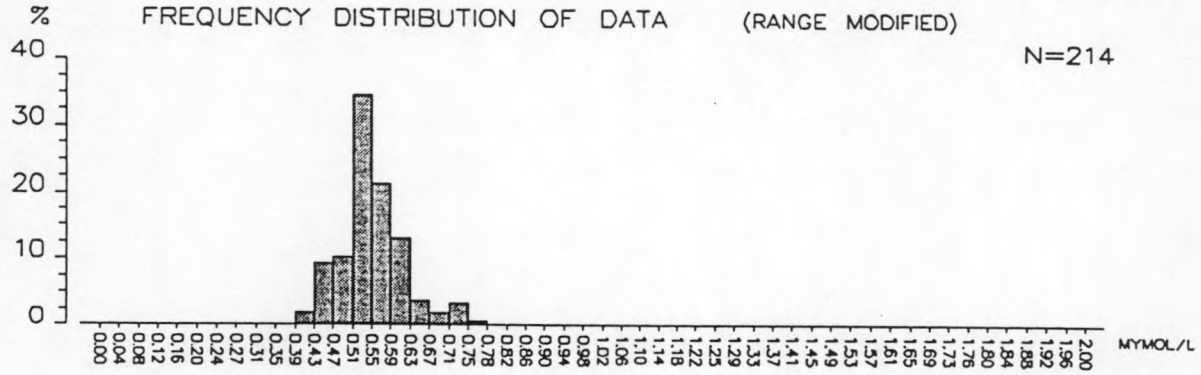
NO. OF DATA/AREA :
(without longterm data series !)

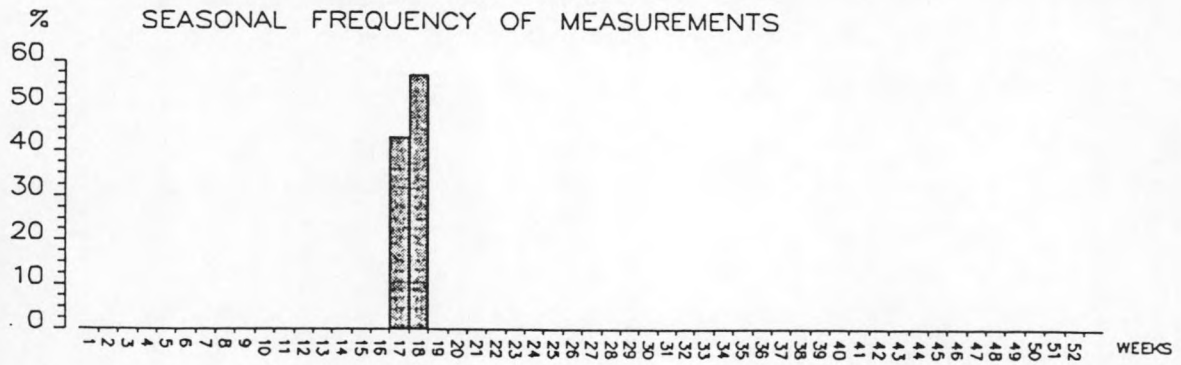
< 167	< 71
< 143	< 47
< 119	< 23
< 95	= 0

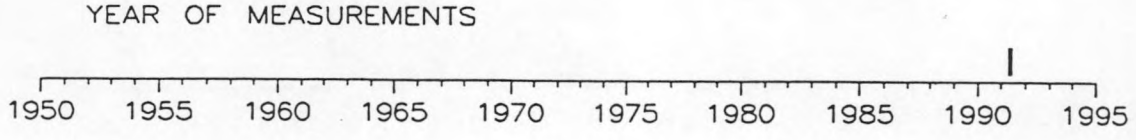
MINIMUM : 0.42
MAXIMUM : 0.76

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004010001

ENAME : RWS / Laane, R.

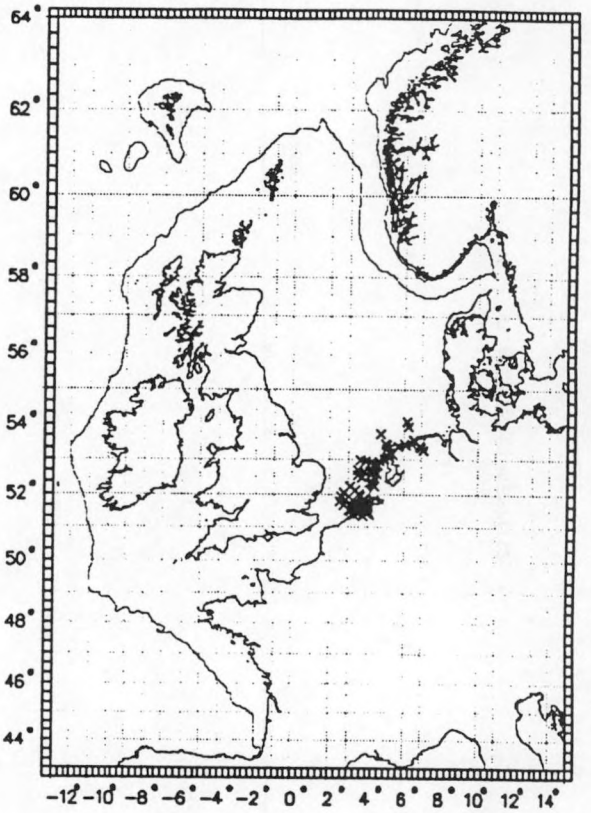
UNITS : MYMOL/L

NO. OF POSITIONS : 81

NO. OF DATA : 7176

MINIMUM : 0.71

MAXIMUM : 59.26



NO. OF DATA OUT OF RANGE : 1

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

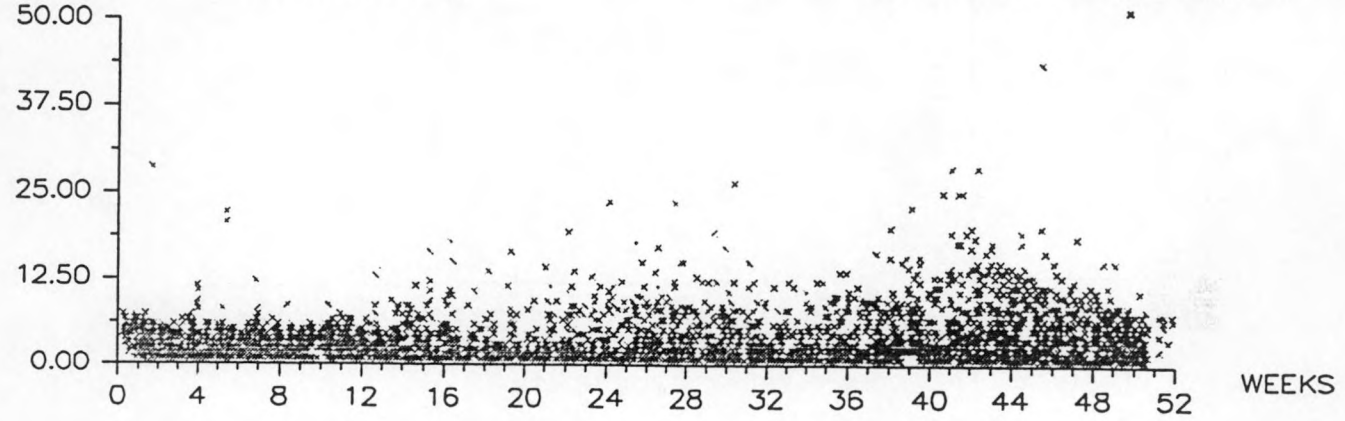
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

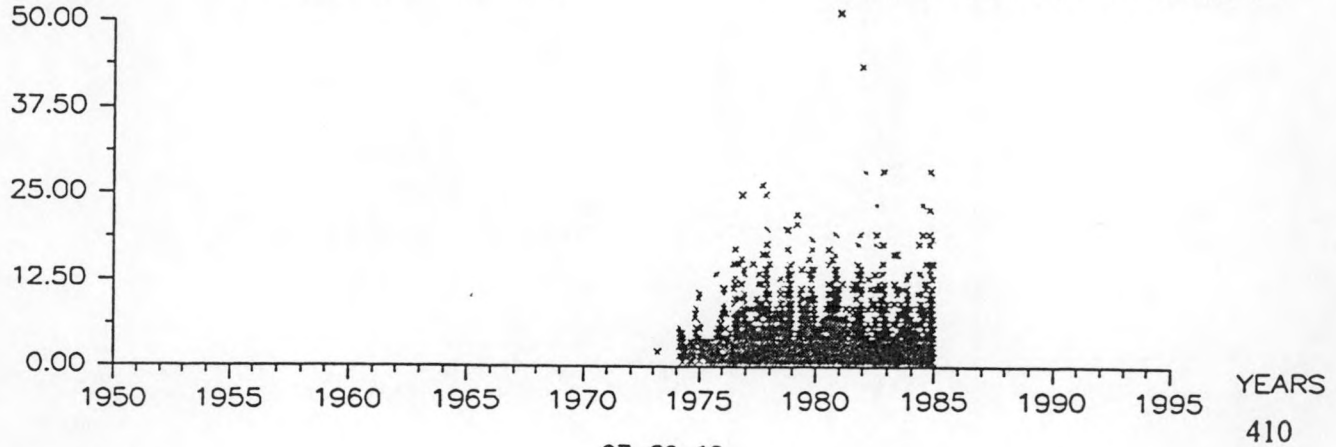
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 1



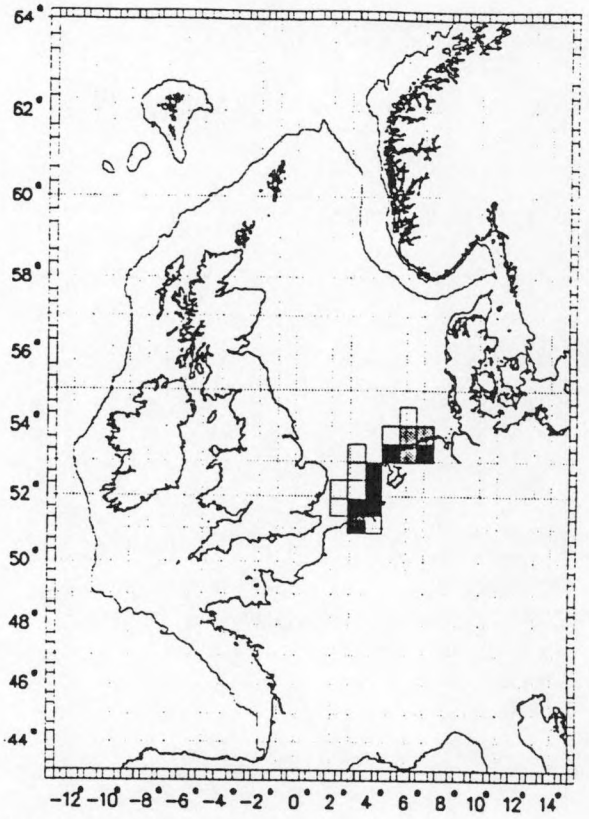
97–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004010001
ENAME : RWS / Laane, R.
UNITS : MYMOL/L
NO. OF DATA : 7176
NO. OF POSITIONS : 81



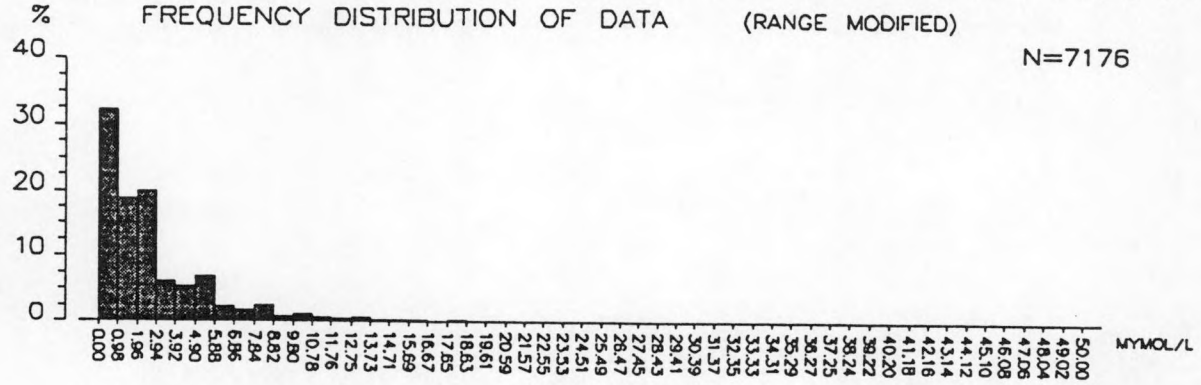
NO. OF DATA/AREA :
(without longterm data series !)

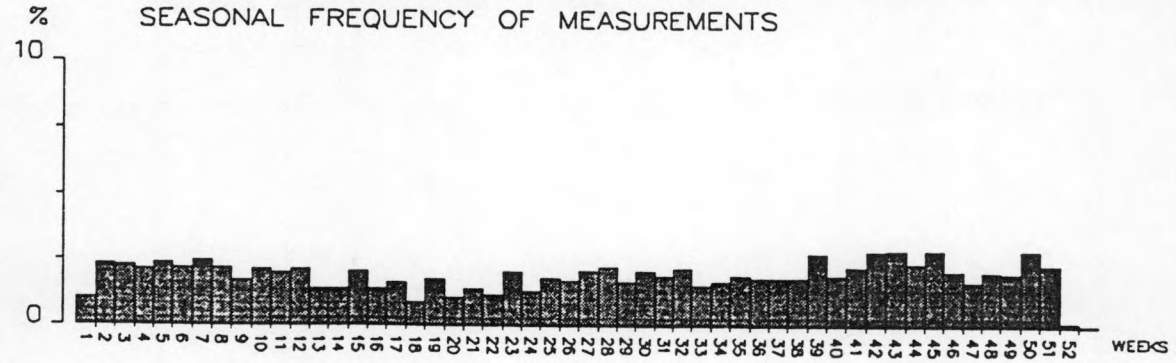
< 1146	< 491
< 982	< 327
< 818	< 163
< 654	= 0

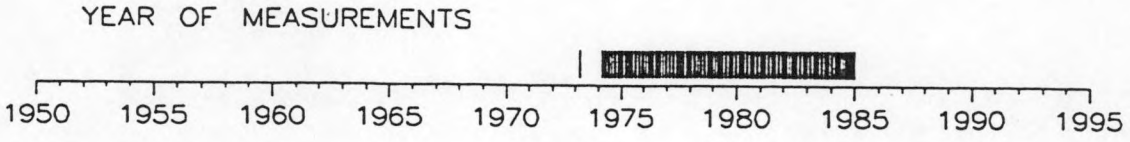
MINIMUM : 0.71
MAXIMUM : 59.26

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







97–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

NITRITE—N (NO2)

PCODE : 5004012201

ENAME : RWS / Laane, R.

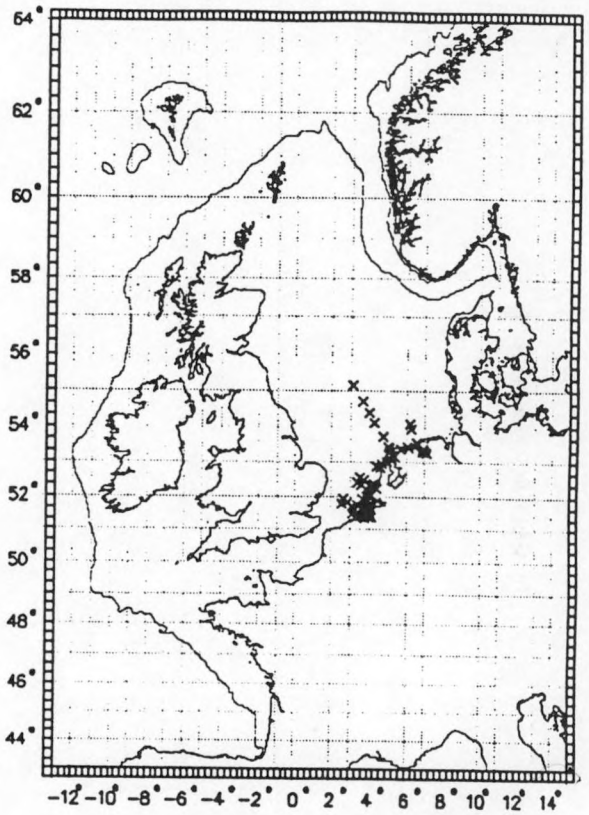
UNITS : MYMOL/L

NO. OF POSITIONS : 75

NO. OF DATA : 7117

MINIMUM : 0.07

MAXIMUM : 61.97



NO. OF DATA OUT OF RANGE : 1

MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

FIRST WEEK : 1

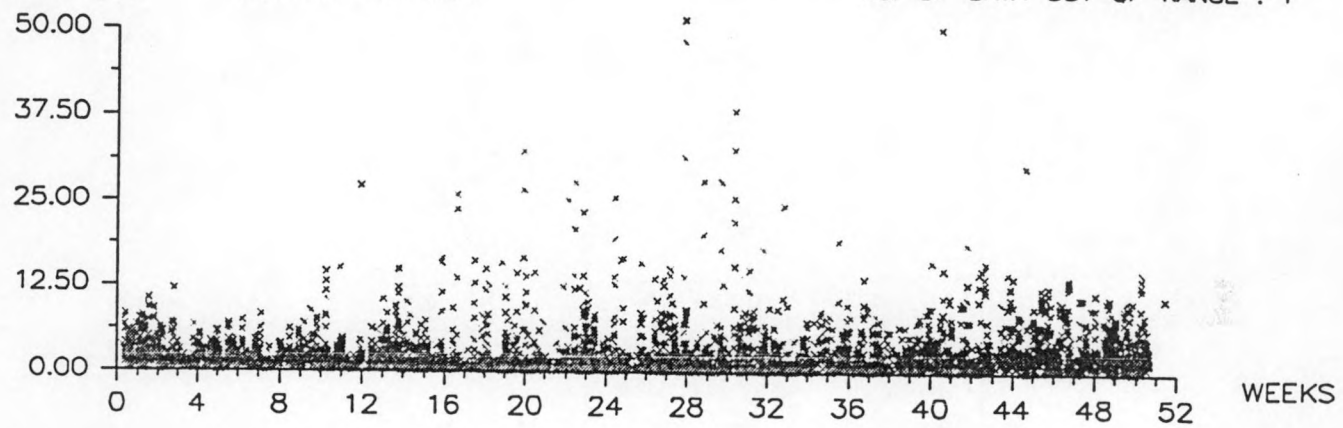
LAST WEEK : 53

DEPTH—RANGE

UPPER : 0

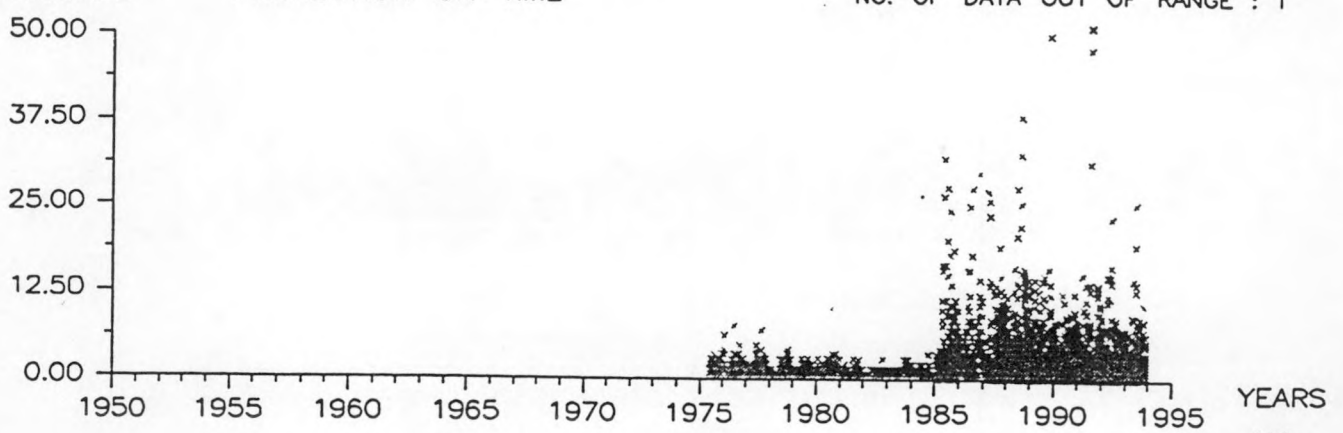
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 1



97—06—10

ECOMOD — PARAMETER — REPORT

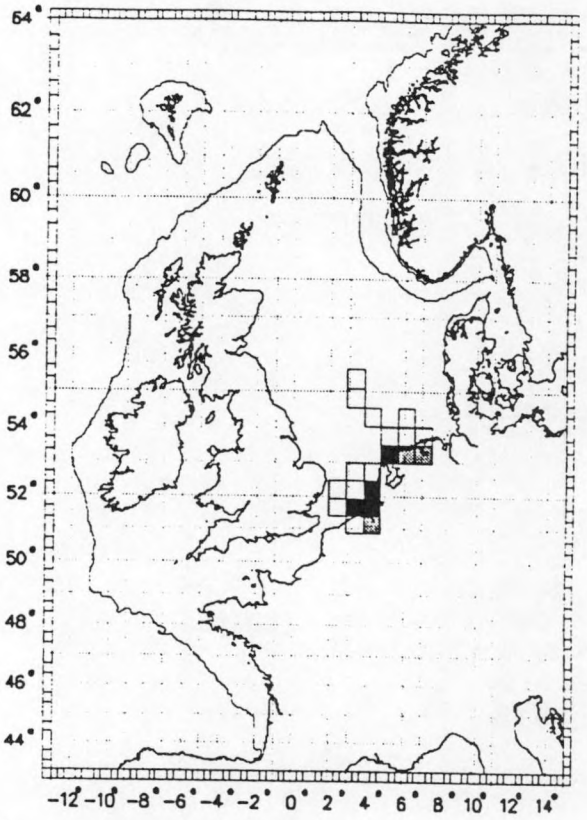
SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004012201
ENAME : RWS / Laane, R.
UNITS : MYMOL/L
NO. OF DATA : 7117
NO. OF POSITIONS : 75

NO. OF DATA/AREA :
(without longterm data series !)

< 1839	< 788
< 1577	< 525
< 1314	< 262
< 1051	= 0



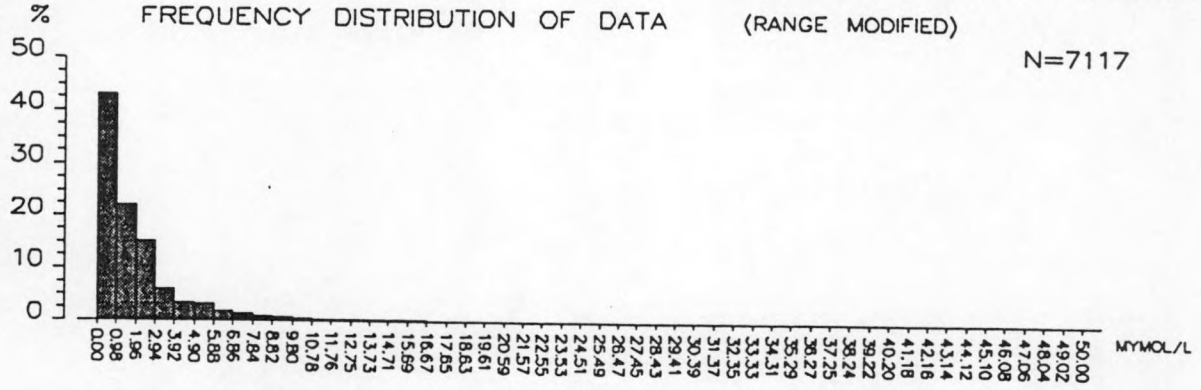
MINIMUM : 0.07
MAXIMUM : 61.97

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

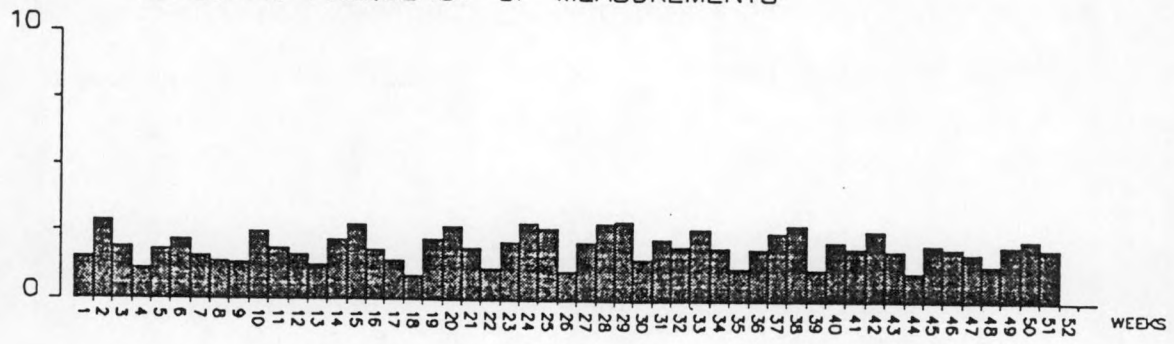
DEPTH–RANGE
UPPER : 0
LOWER : 2000

FREQUENCY DISTRIBUTION OF DATA (RANGE MODIFIED)

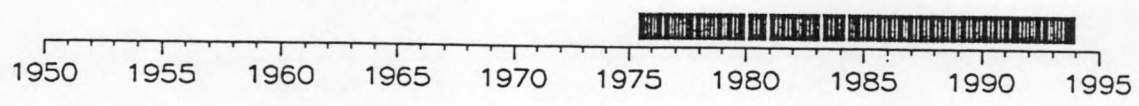
N=7117



SEASONAL FREQUENCY OF MEASUREMENTS



YEAR OF MEASUREMENTS



ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004010001

ENAME : RWS–RIZA

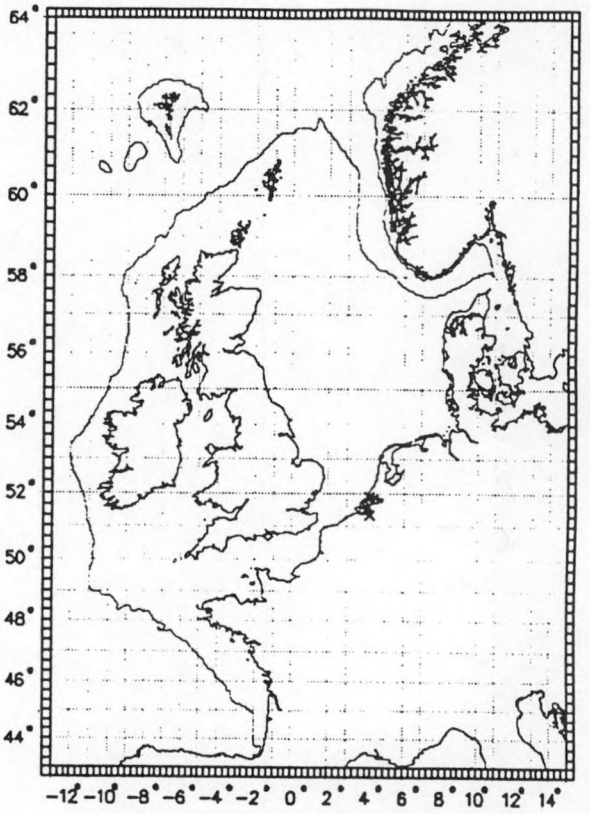
UNITS : MYMOL/L

NO. OF POSITIONS : 2

NO. OF DATA : 638

MINIMUM : 0.00

MAXIMUM : 62.83



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

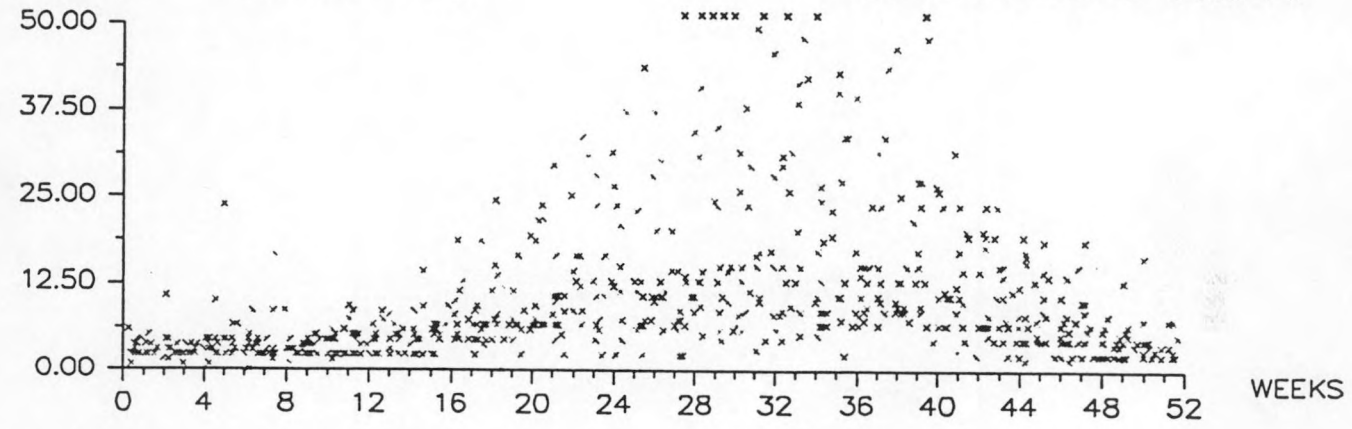
DEPTH–RANGE

UPPER : 0

LOWER : 2000

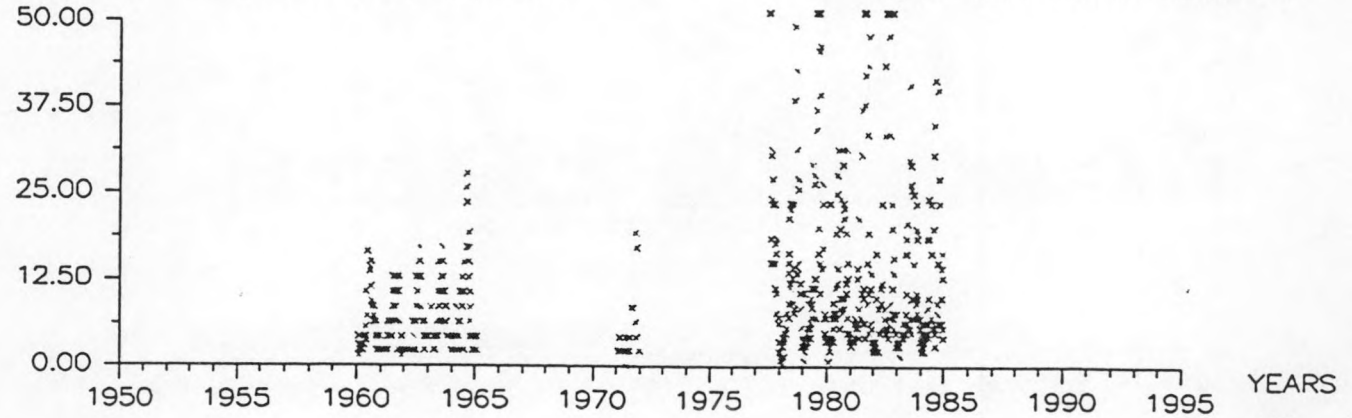
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 9



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 9



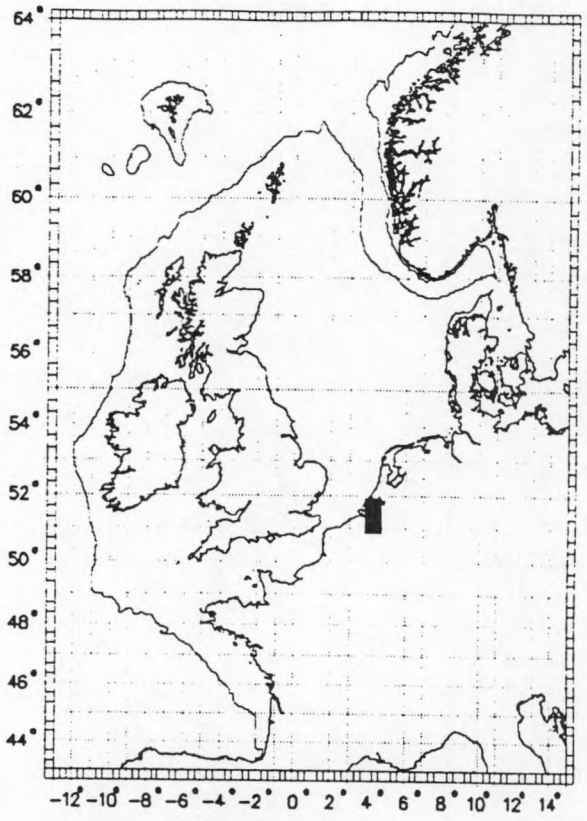
97–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004010001
ENAME : RWS–RIZA
UNITS : MYMOL/L
NO. OF DATA : 638
NO. OF POSITIONS : 2



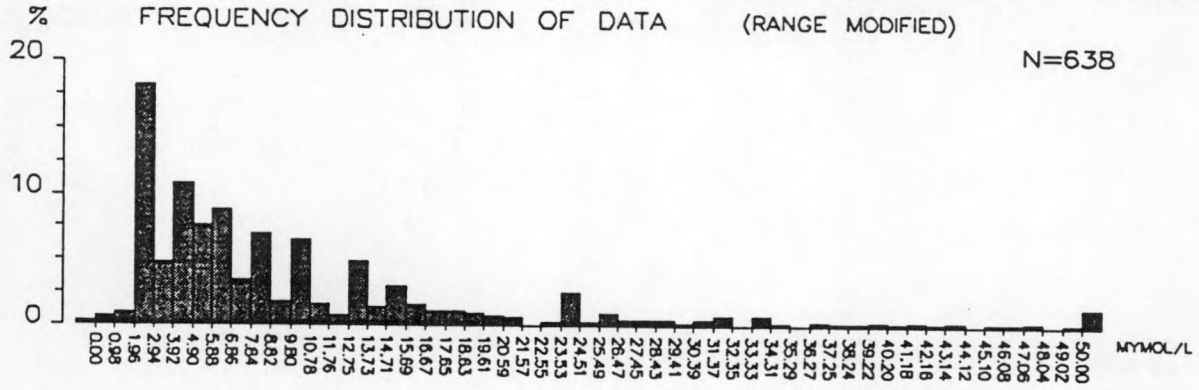
NO. OF DATA/AREA :
(without longterm data series !)

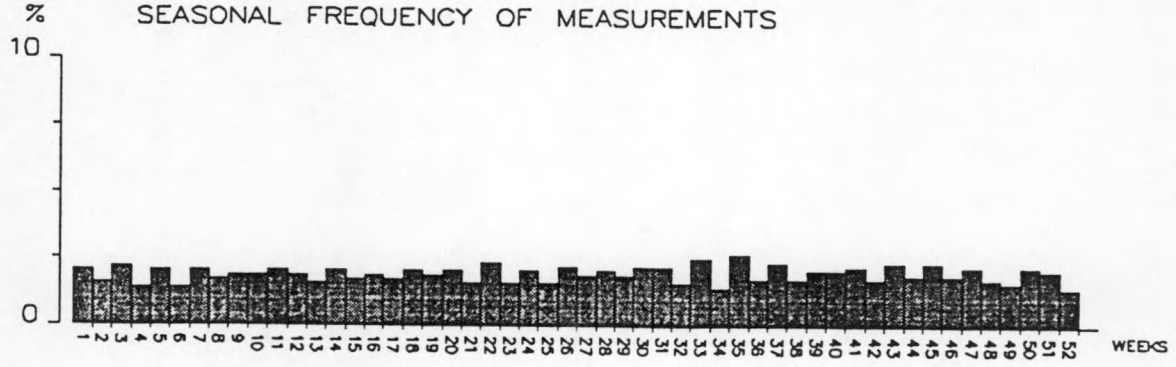
< 418	< 179
< 358	< 119
< 298	< 59
< 238	= 0

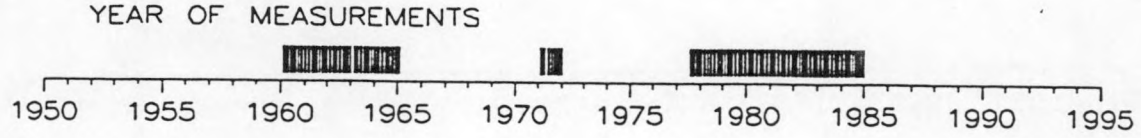
MINIMUM : 0.00
MAXIMUM : 62.83

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

NITRITE–N (NO2)

PCODE : 5004012201

ENAME : RWS–RIZA

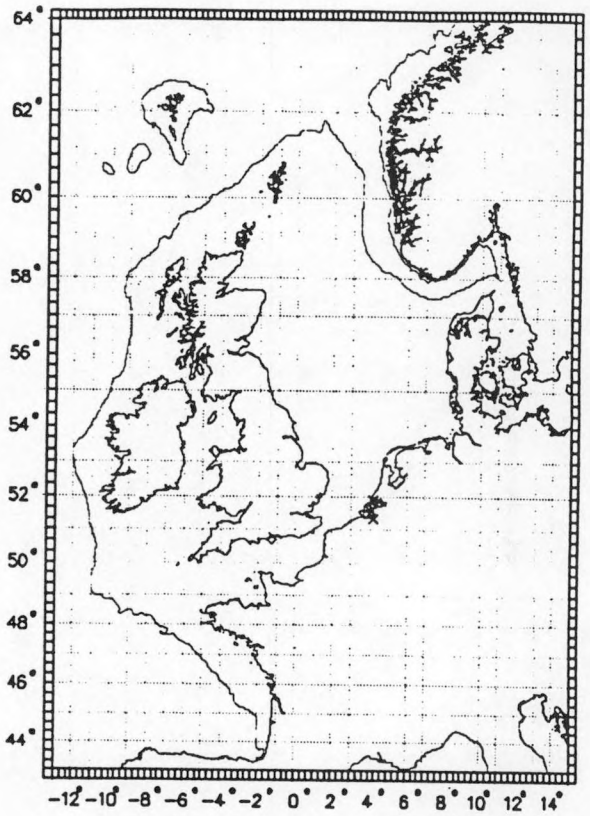
UNITS : MYMOL/L

NO. OF POSITIONS : 2

NO. OF DATA : 472

MINIMUM : 0.07

MAXIMUM : 67.82



NO. OF DATA OUT OF RANGE : 2

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

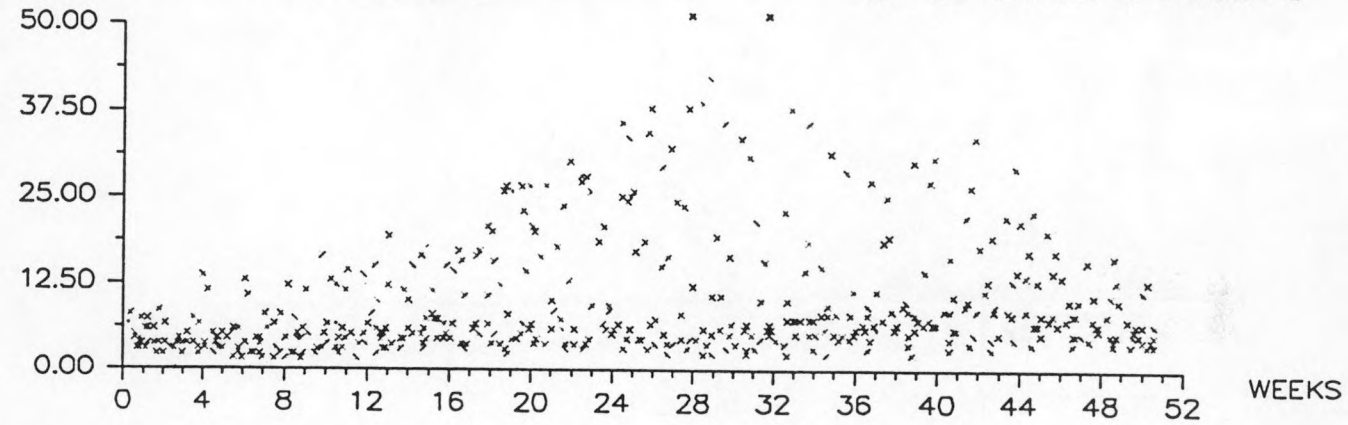
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

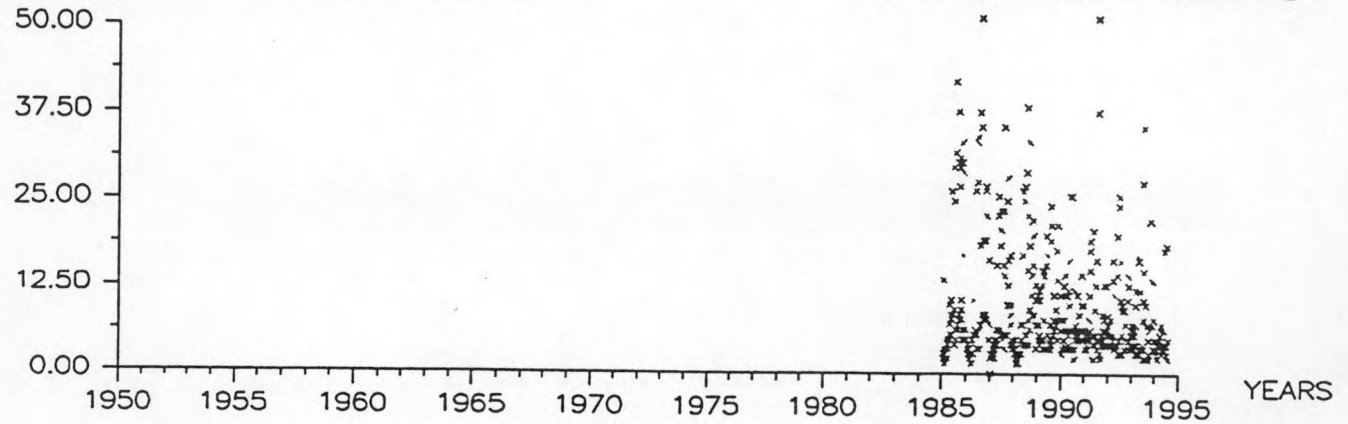
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 2



97–06–10

ECOMOD — PARAMETER — REPORT

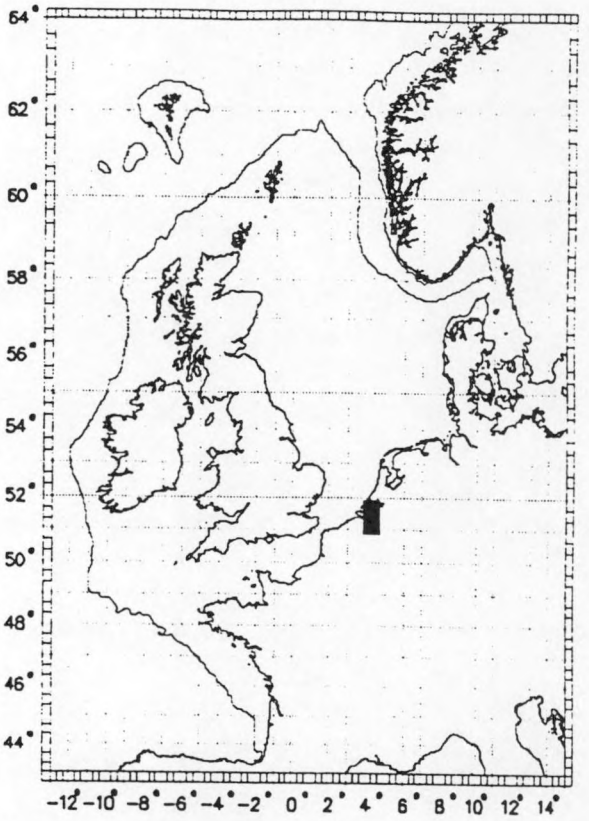
SAMPLING FREQUENCY IN SPACE AND TIME

NITRITE–N (NO2)

PCODE : 5004012201
ENAME : RWS–RIZA
UNITS : MYMOL/L
NO. OF DATA : 472
NO. OF POSITIONS : 2

NO. OF DATA/AREA :
(without longterm data series !)

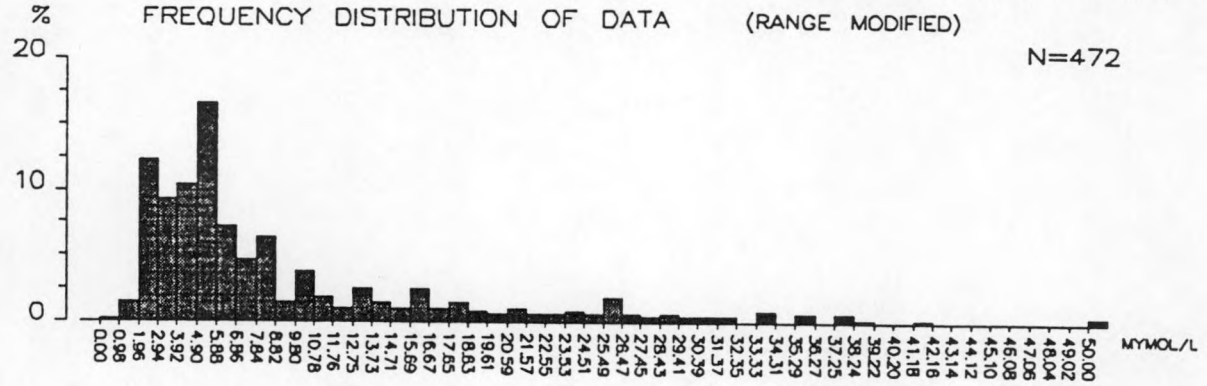
<	236	<	101
<	202	<	67
<	168	<	33
<	134	=	0

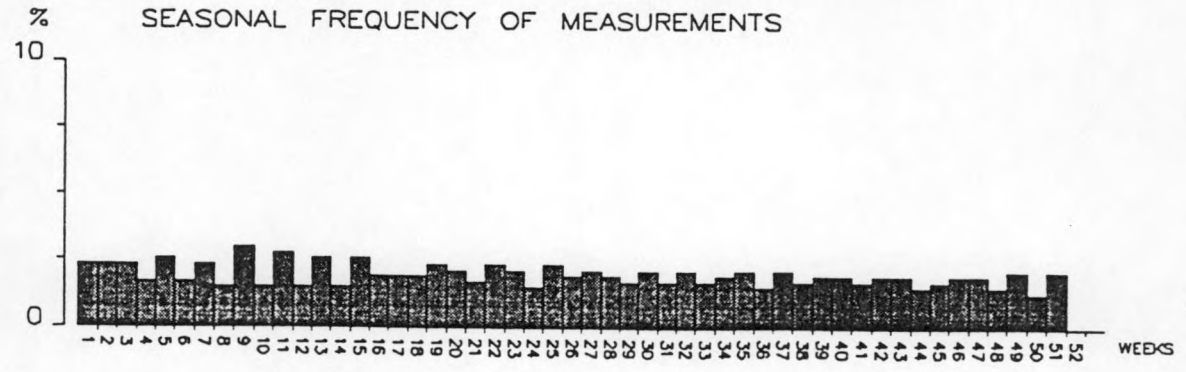


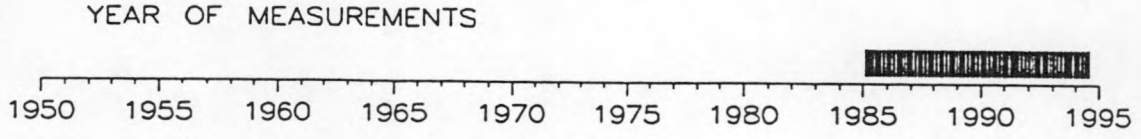
MINIMUM : 0.07
MAXIMUM : 67.82

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







97–06–10

6.6 Ammonium

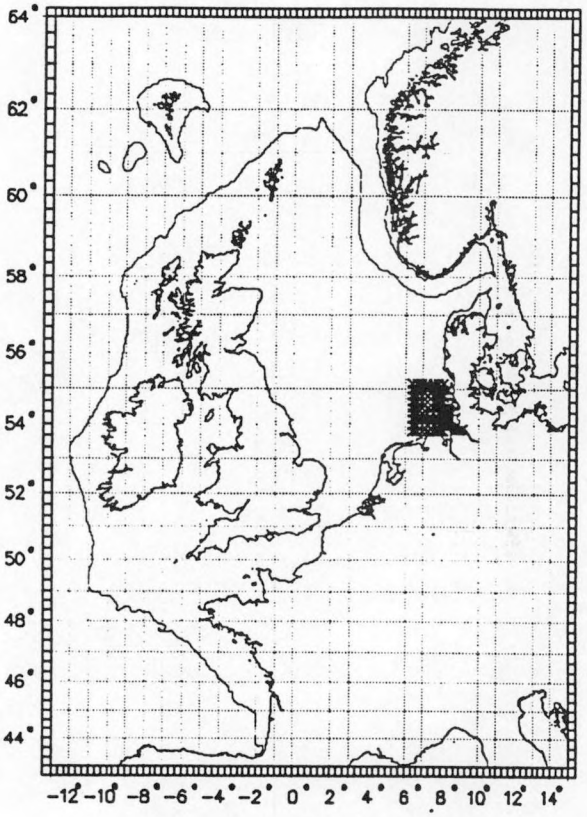
PCODE	Originator	Number of data
5005030096	BAH / Hickel, W.	1898
5005031301	BODC / Lowry, R.	4230
5005035201	BODC / Lowry, R	738
5005030096	DOD	999
5005032801	ESU / Wilson, J.	228
5005101401	GMMA	844
5005030001	GPI / Lammers, S.	337
5005010001	HELCOM	11719
5005010001	ICES	8073
5005030096	ICES	2180
5005030098	ICES	36
5005030099	ICES	2825
5005030096	ICES / SMHI data	6442
5005030096	ICES / YFS data	476
5005030001	IMR / Danielssen, D. S.	7535
5005030096	IOCB / Eberlein, K.	1554
5005030096	IOCB / Hammer, K., Eberlein, K.	788
5005020101	IOW	222
5005030095	IOW	15492
5005101401	LAC / Decadt, G.	556
5005035101	MBA / Southward, A.J.	588
5005101901	MUMM_O	261
5005015001	PEML / Slinn, D.J. Allen, J.R.	89
5005010001	RWS / Laane, R.	12090
5005012401	RWS / Laane, R.	8145
5005010001	RWS-RIZA	1267
5005012401	RWS-RIZA	472

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005030096
ENAME : BAH/Hickel,W.
UNITS : MYMOL/L
NO. OF POSITIONS : 121
NO. OF DATA : 1898
MINIMUM : 0.00
MAXIMUM : 25.30

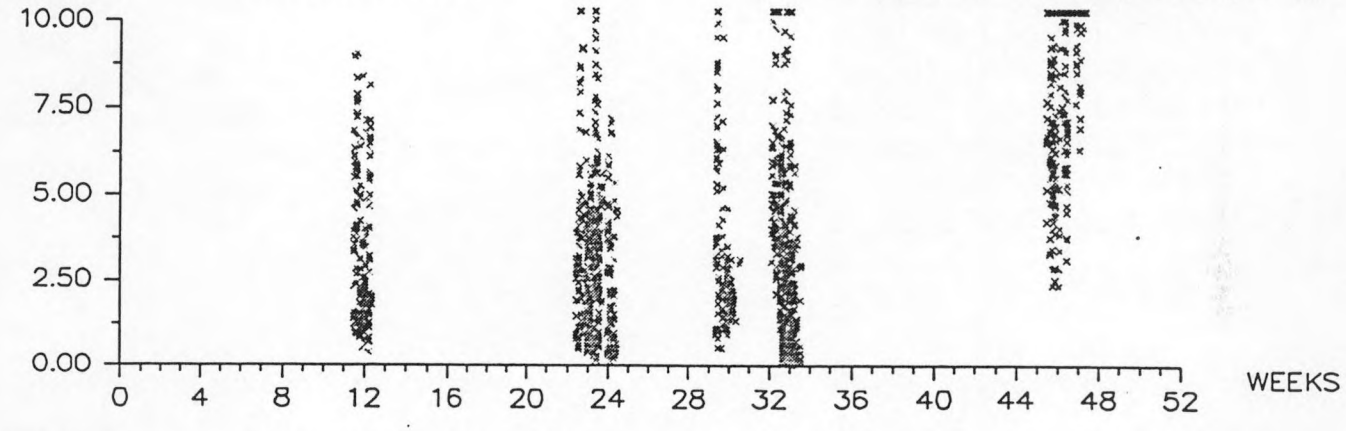


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

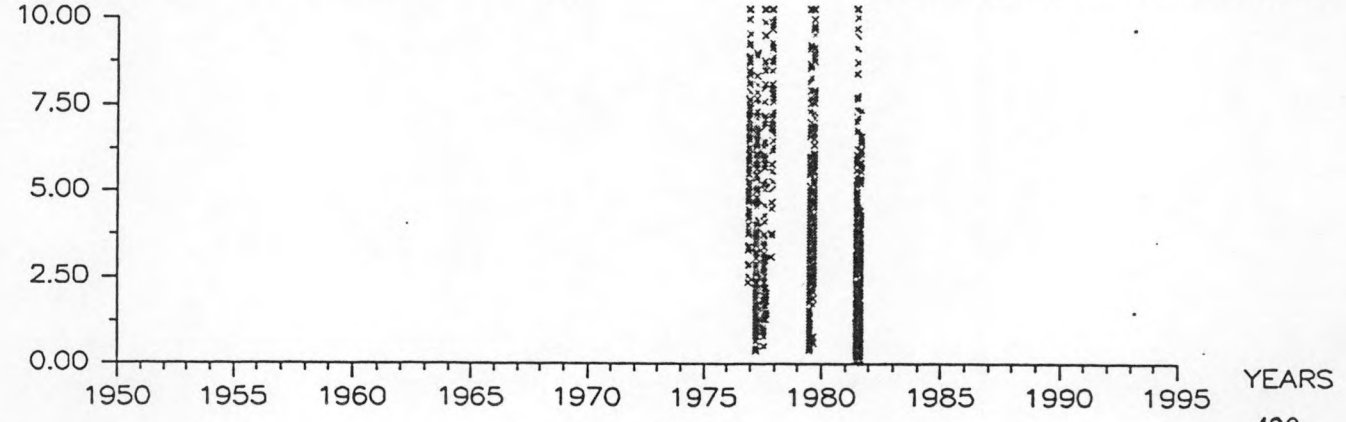
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 159



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 159



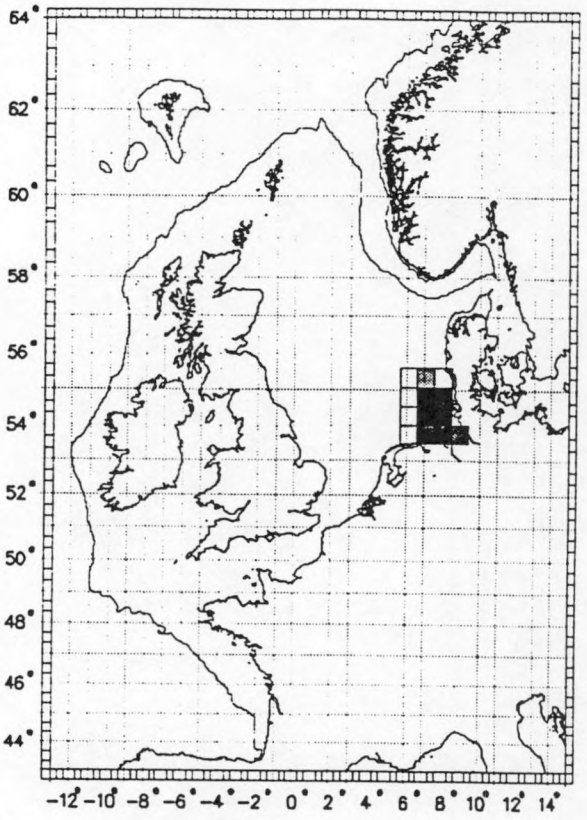
96–09–19

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005030096
ENAME : BAH/Hickel,W.
UNITS : MYMOL/L
NO. OF DATA : 1898
NO. OF POSITIONS : 121



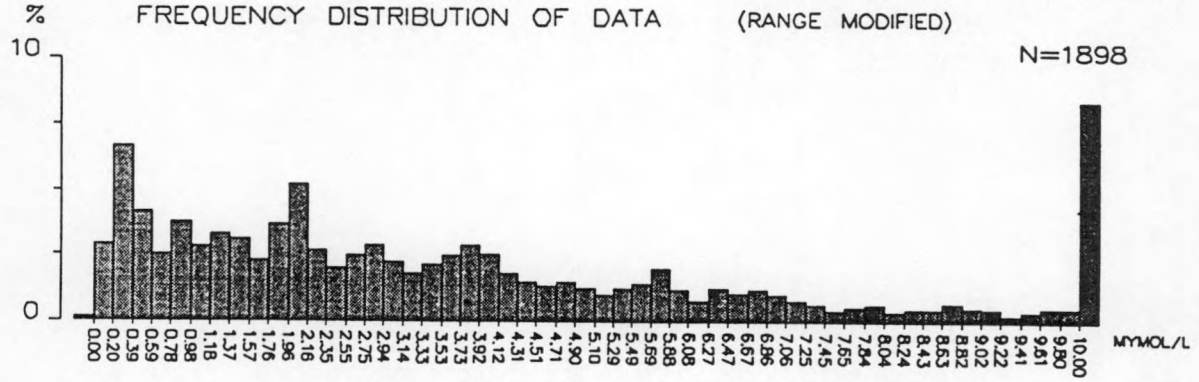
NO. OF DATA/AREA :
(without longterm data series !)

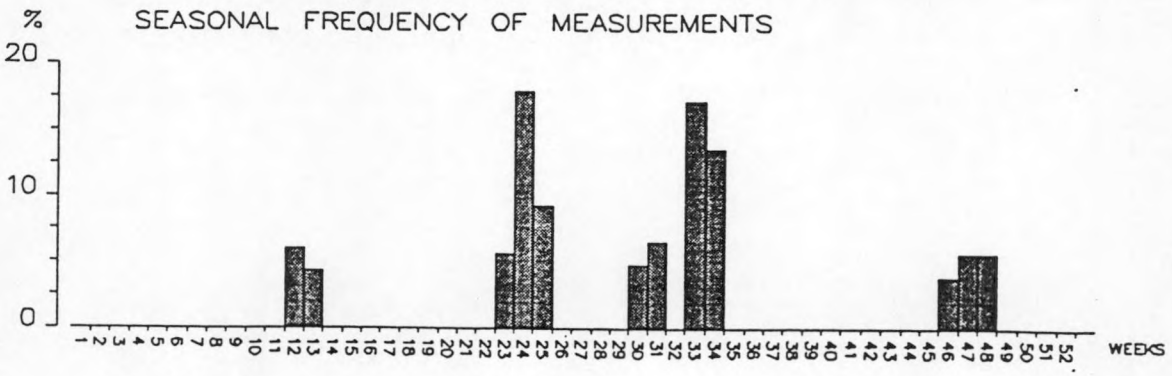
< 336	< 144
< 288	< 96
< 240	< 48
< 192	= 0

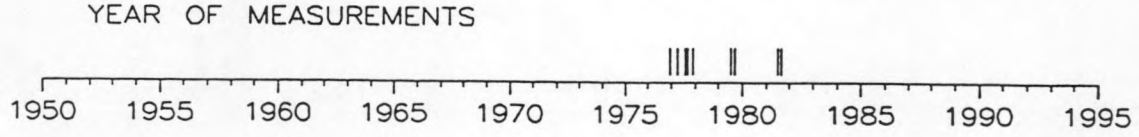
MINIMUM : 0.00
MAXIMUM : 25.30

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005031301

ENAME : BODC/Lowry, R.

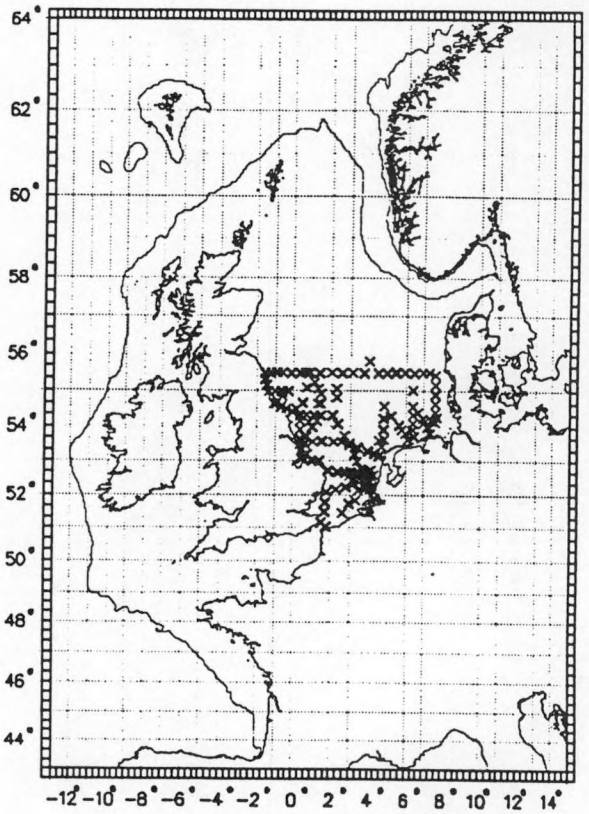
UNITS : MYMOL/L

NO. OF POSITIONS : 1154

NO. OF DATA : 4230

MINIMUM : 0.00

MAXIMUM : 36.50



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

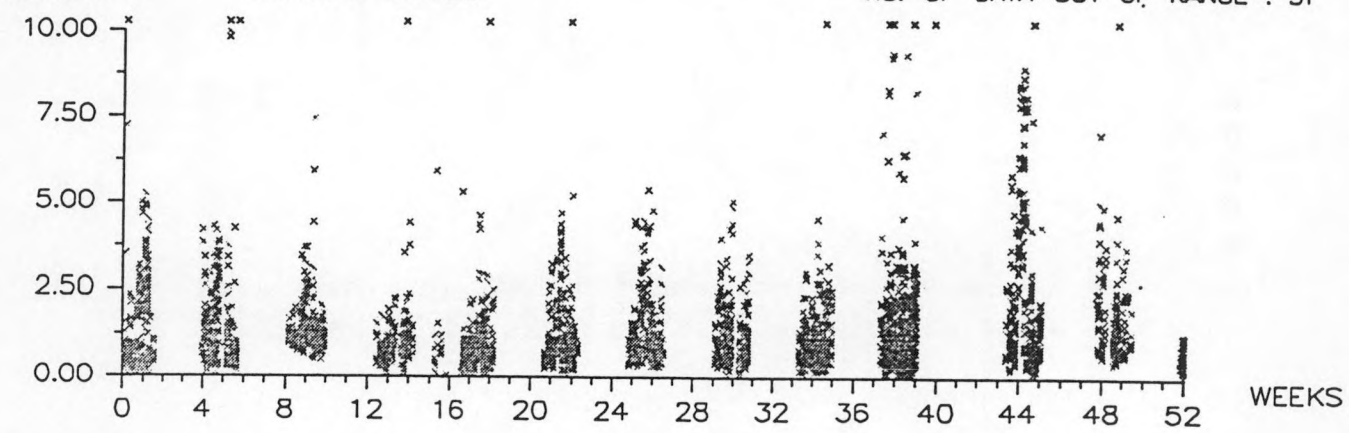
DEPTH–RANGE

UPPER : 0

LOWER : 2000

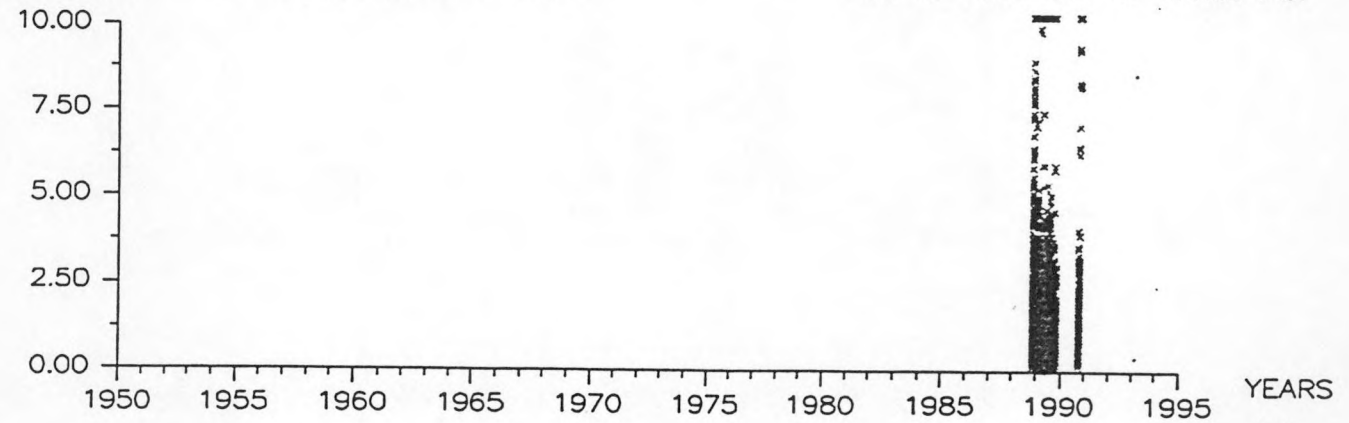
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 51



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 51

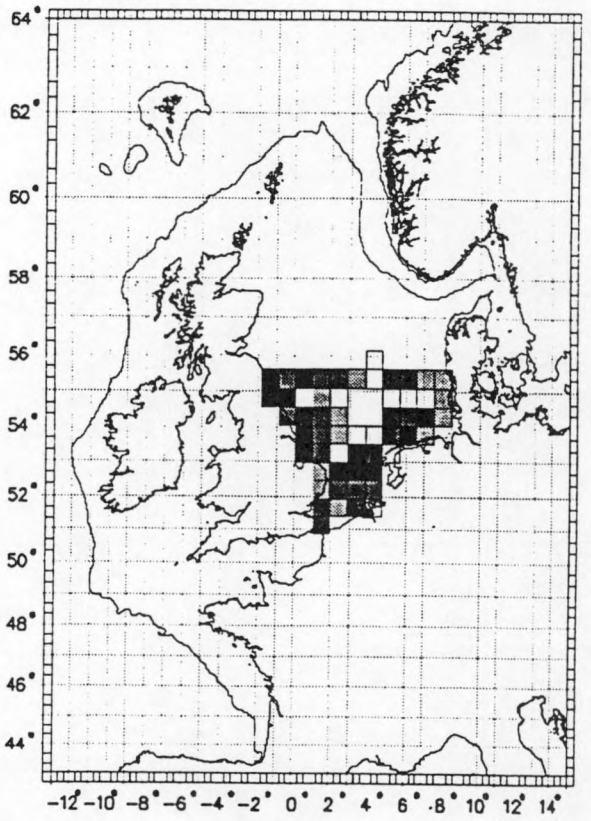


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005031301
ENAME : BODC/Lowry, R.
UNITS : MYMOL/L
NO. OF DATA : 4230
NO. OF POSITIONS : 1154



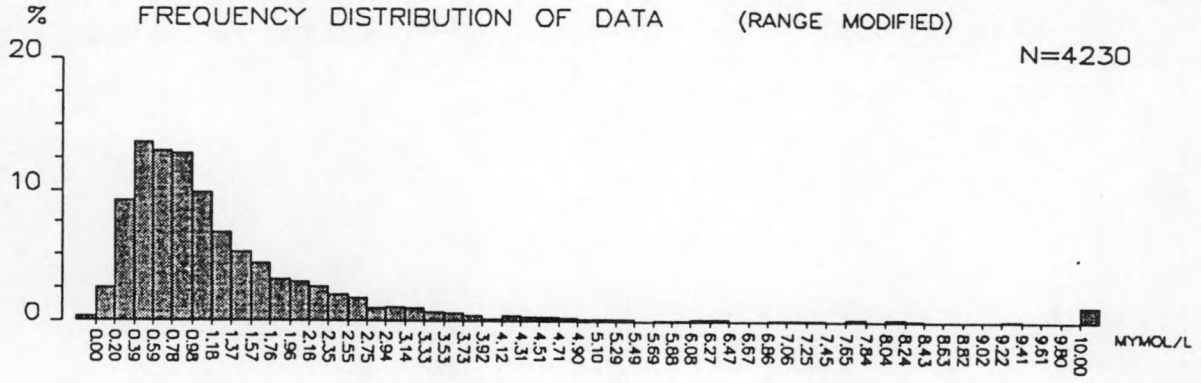
NO. OF DATA/AREA :
(without longterm data series !)

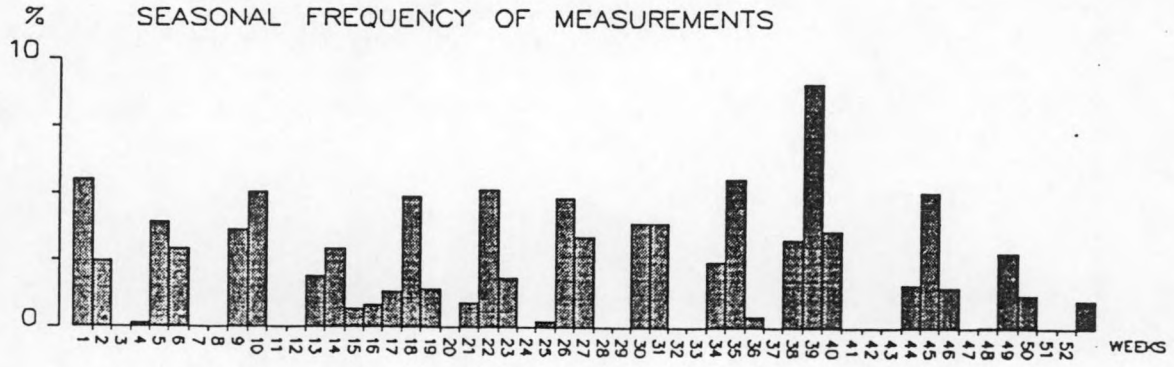
< 229	< 98
< 196	< < 65
< 163	< < < 32
< 130	= 0

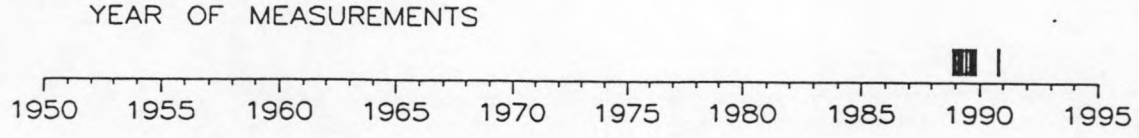
MINIMUM : 0.00
MAXIMUM : 36.50

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







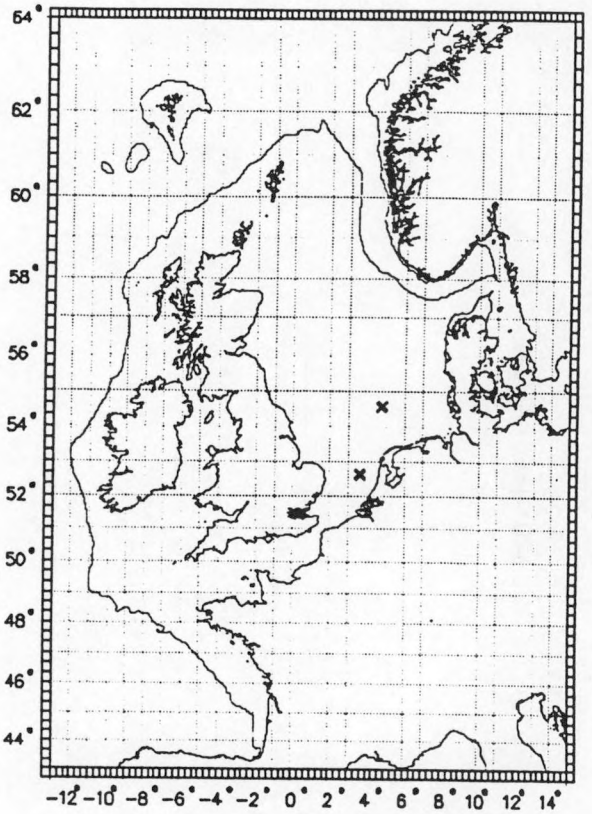
96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

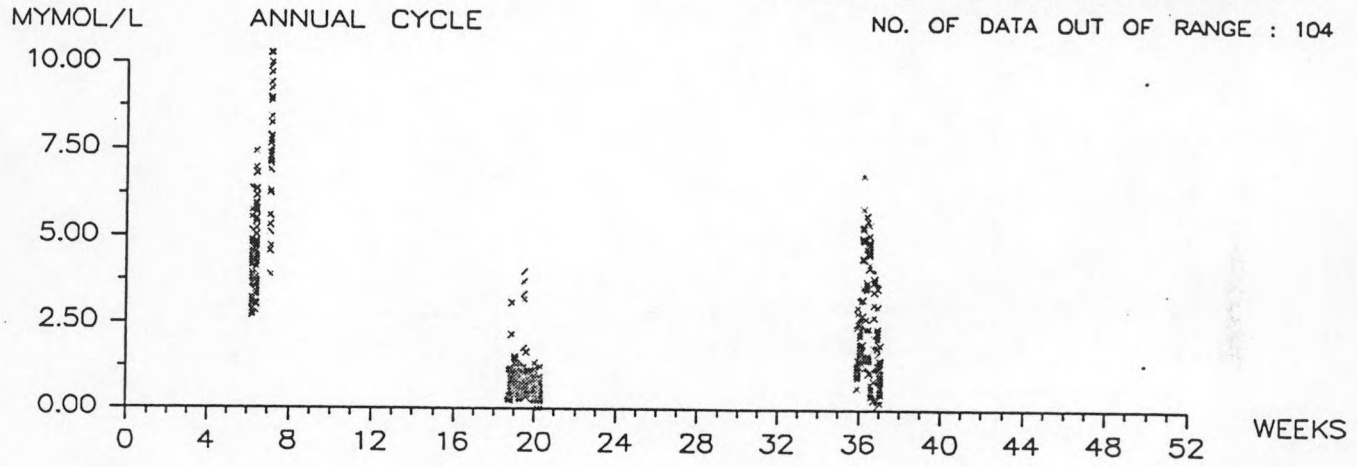
PCODE : 5005035201
ENAME : BODC/Lowry, R.
UNITS : MYMOL/L
NO. OF POSITIONS : 252
NO. OF DATA : 738
MINIMUM : 0.00
MAXIMUM : 66.92

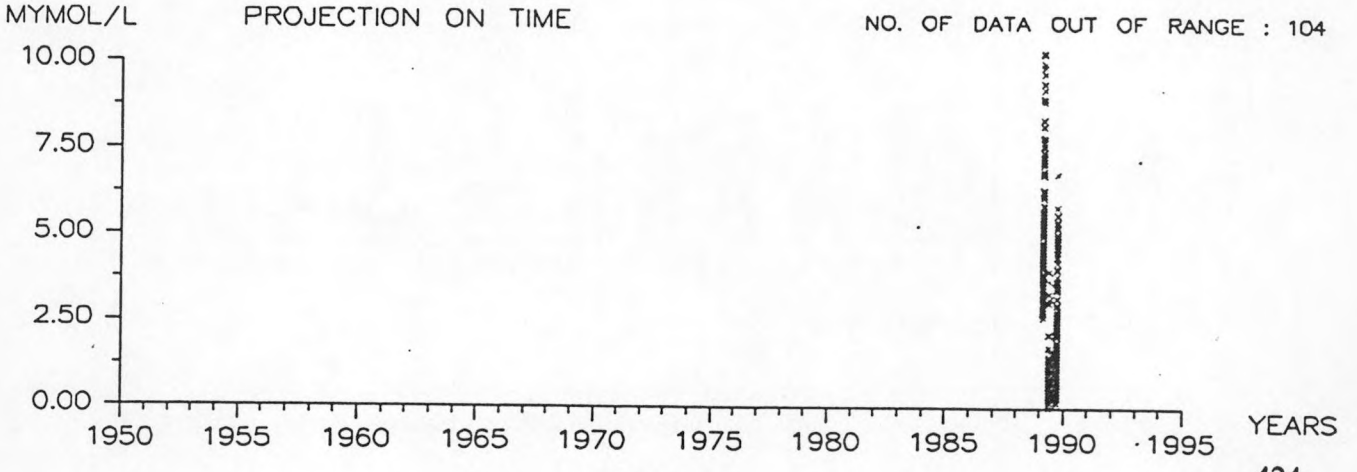


NO. OF DATA OUT OF RANGE : 104

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





NO. OF DATA OUT OF RANGE : 104

ECOMOD — PARAMETER — REPORT

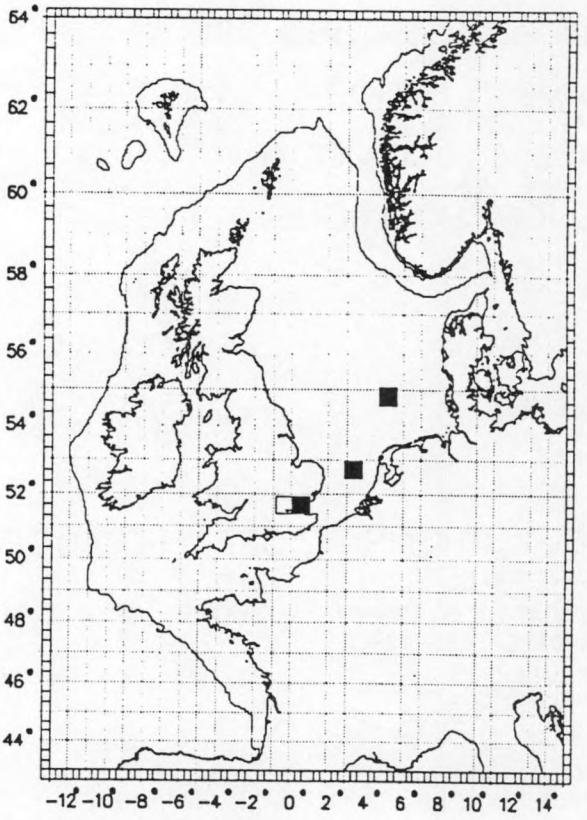
SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005035201
ENAME : BODC/Lowry, R.
UNITS : MYMOL/L
NO. OF DATA : 738
NO. OF POSITIONS : 252

NO. OF DATA/AREA :
(without longterm data series !)

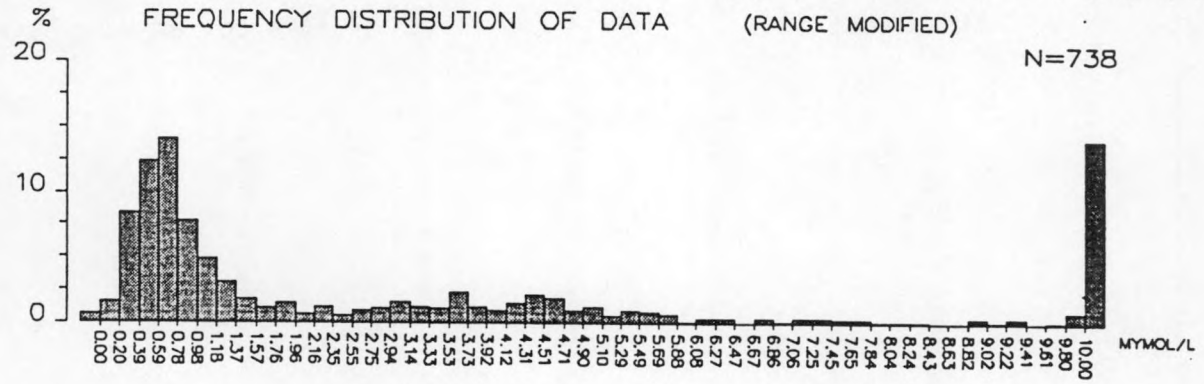
<	273	<	117
<	234	<	78
<	195	<	39
<	156	=	0

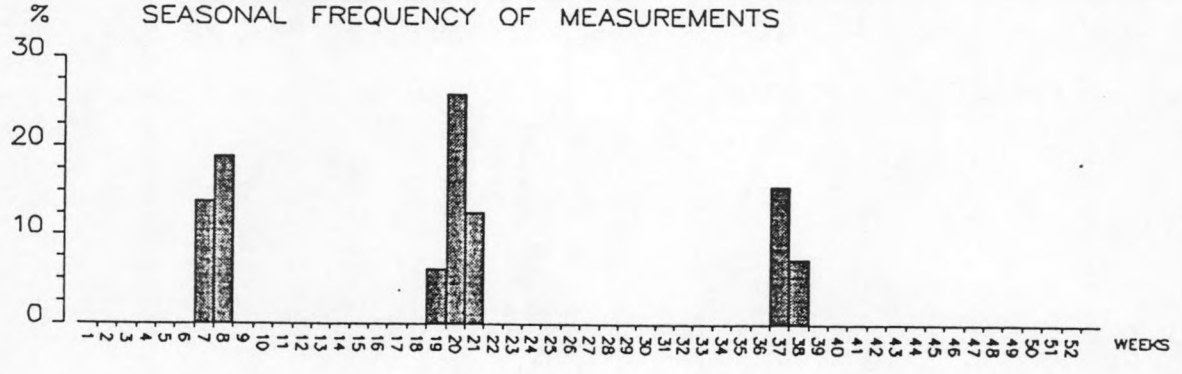


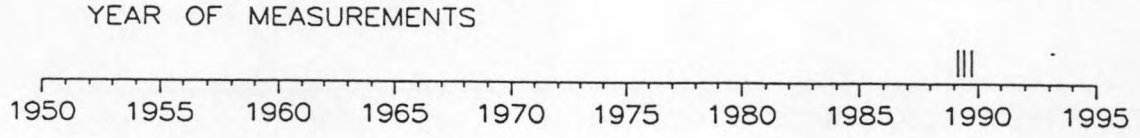
MINIMUM : 0.00
MAXIMUM : 66.92

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005030096

ENAME : DOD

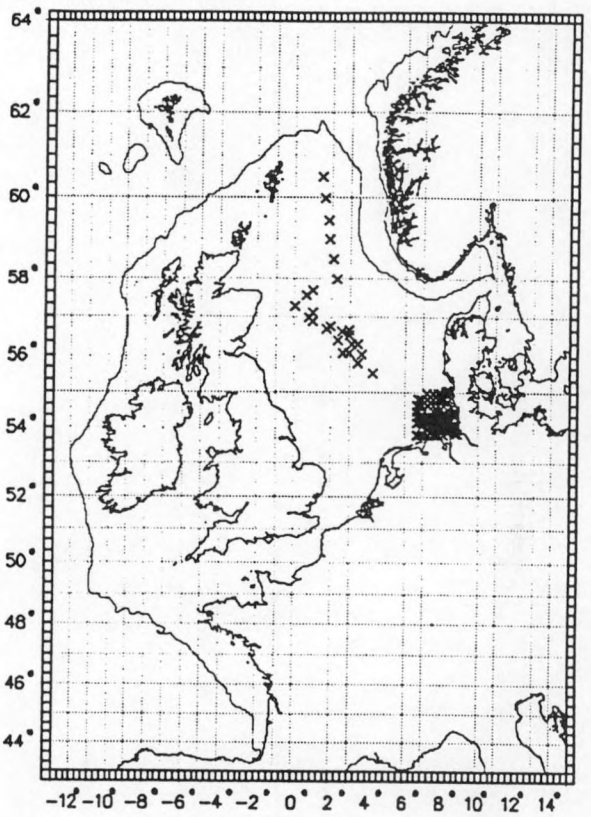
UNITS : MYMOL/L

NO. OF POSITIONS : 178

NO. OF DATA : 999

MINIMUM : 0.00

MAXIMUM : 25.30



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

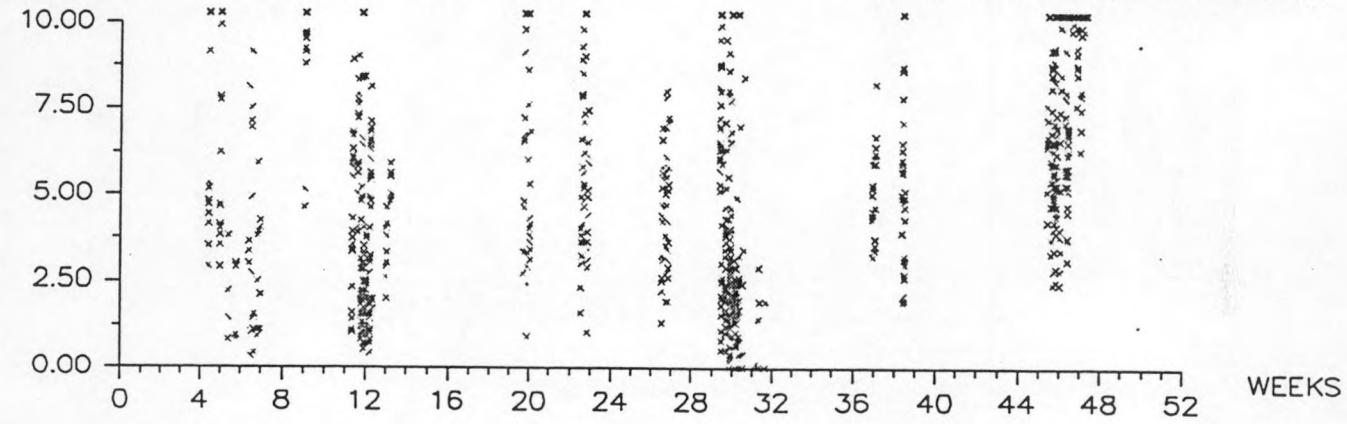
DEPTH–RANGE

UPPER : 0

LOWER : 2000

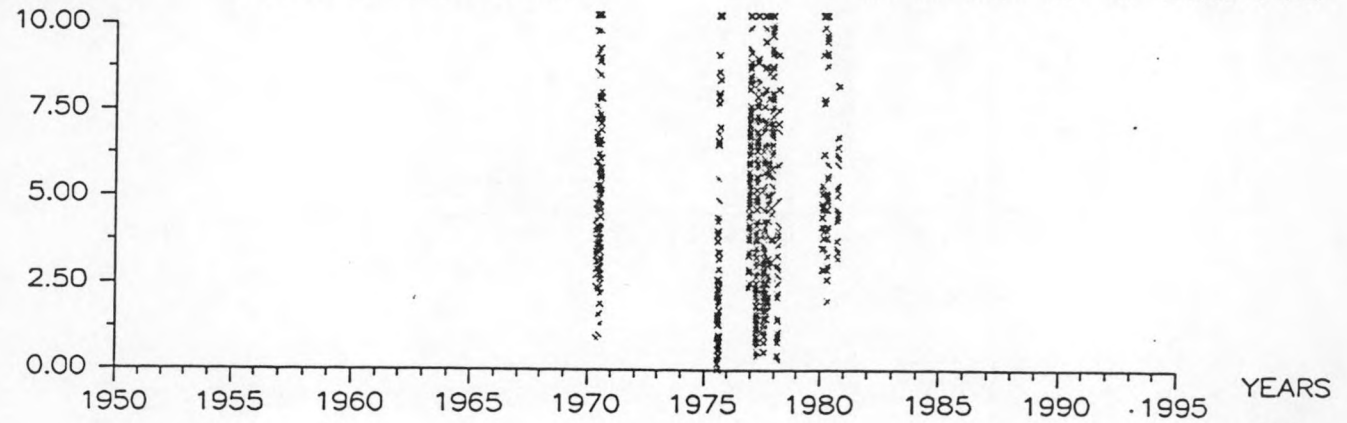
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 160



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 160

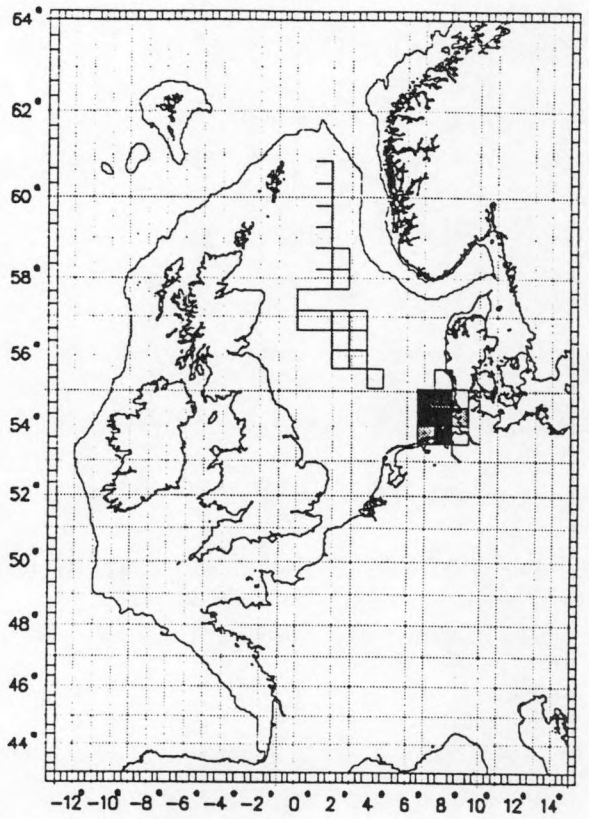


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005030096
ENAME : DOD
UNITS : MYMOL/L
NO. OF DATA : 999
NO. OF POSITIONS : 178



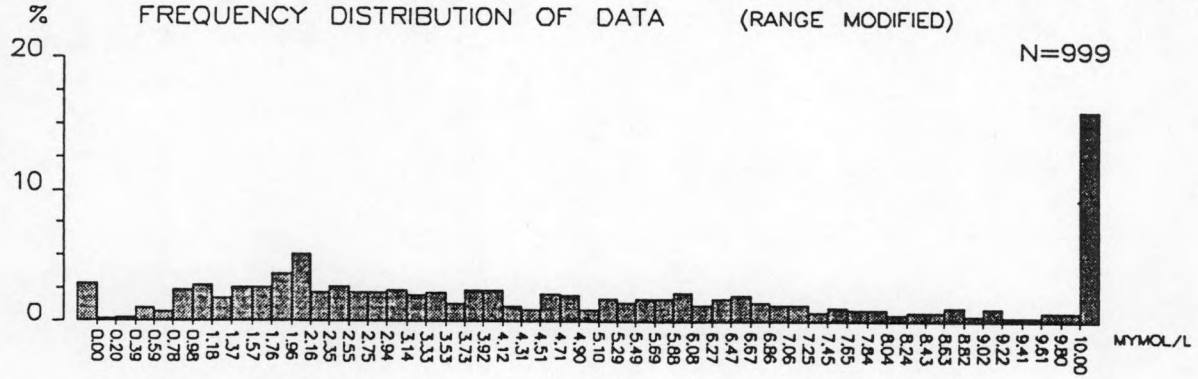
NO. OF DATA/AREA :
(without longterm data series !)

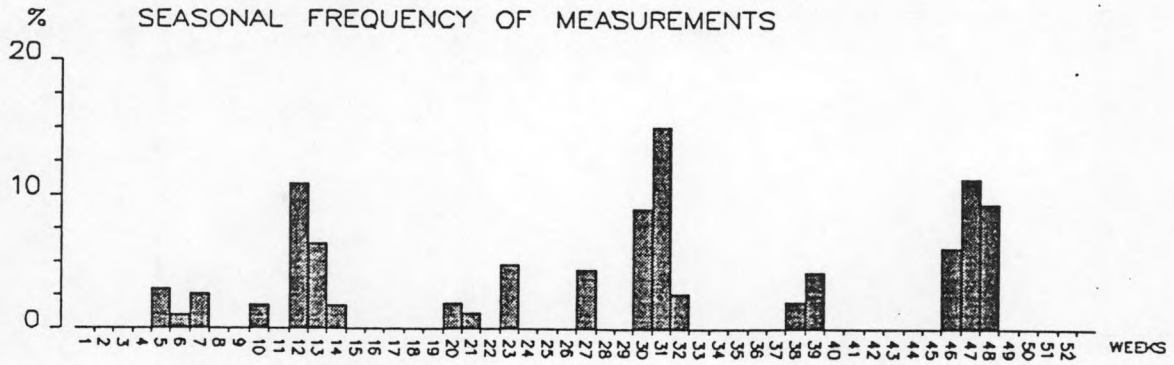
< 261	< 111
< 223	< 74
< 186	< 37
< 149	= 0

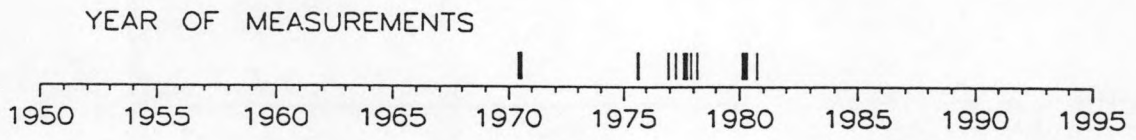
MINIMUM : 0.00
MAXIMUM : 25.30

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005032801

ENAME : ESU/Wilson, J.

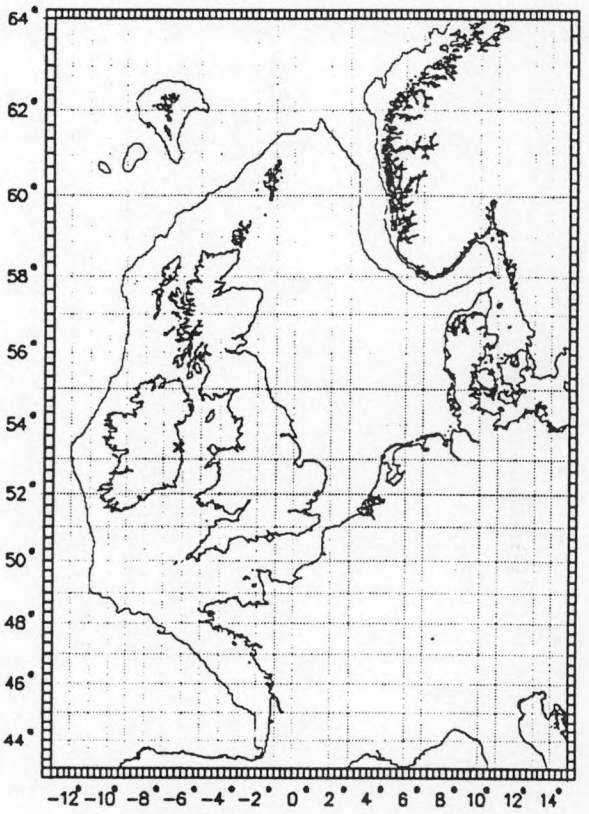
UNITS : MYMOL/L

NO. OF POSITIONS : 2

NO. OF DATA : 228

MINIMUM : 0.70

MAXIMUM : 27.40



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

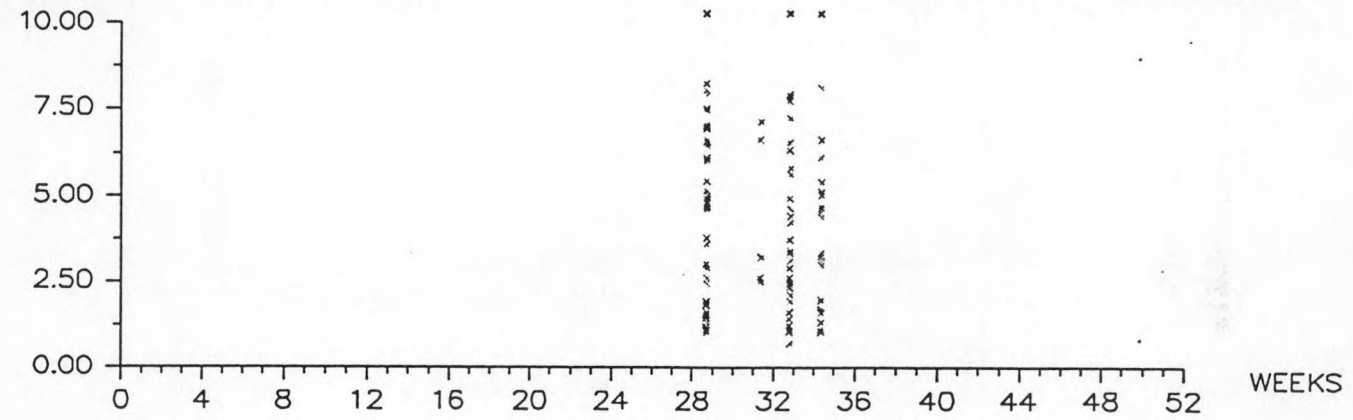
DEPTH–RANGE

UPPER : 0

LOWER : 2000

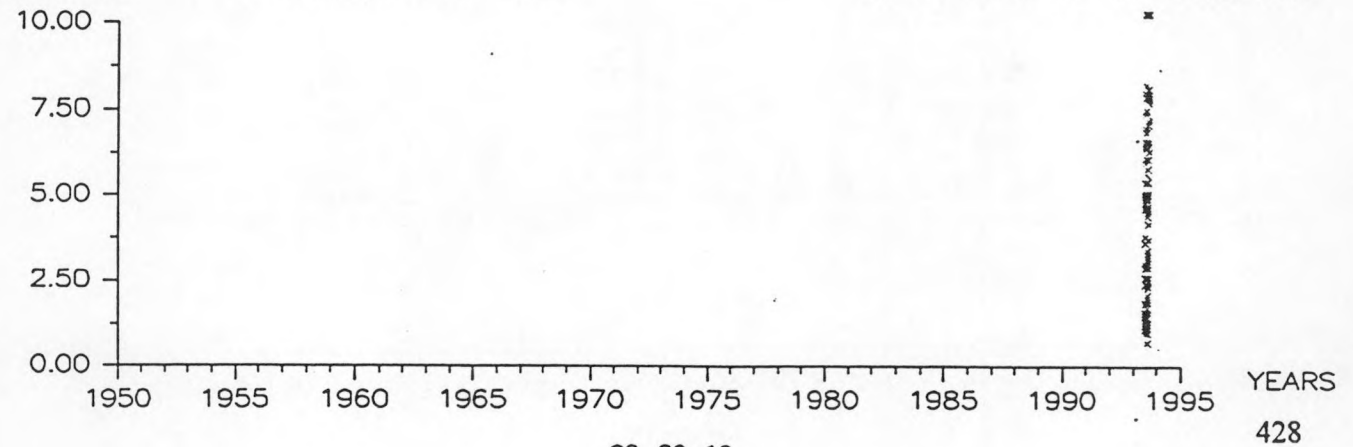
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 34



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 34



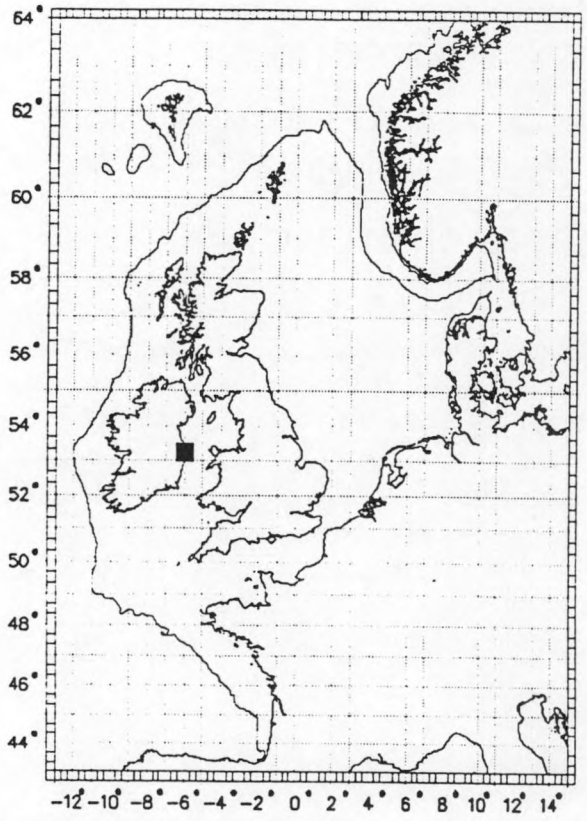
96–09–19

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005032801
ENAME : ESU/Wilson, J.
UNITS : MYMOL/L
NO. OF DATA : 228
NO. OF POSITIONS : 2



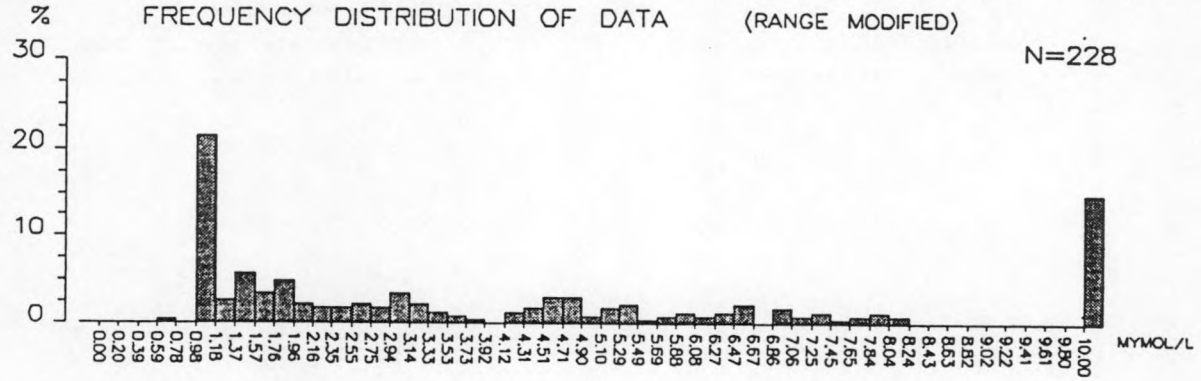
NO. OF DATA/AREA :
(without longterm data series !)

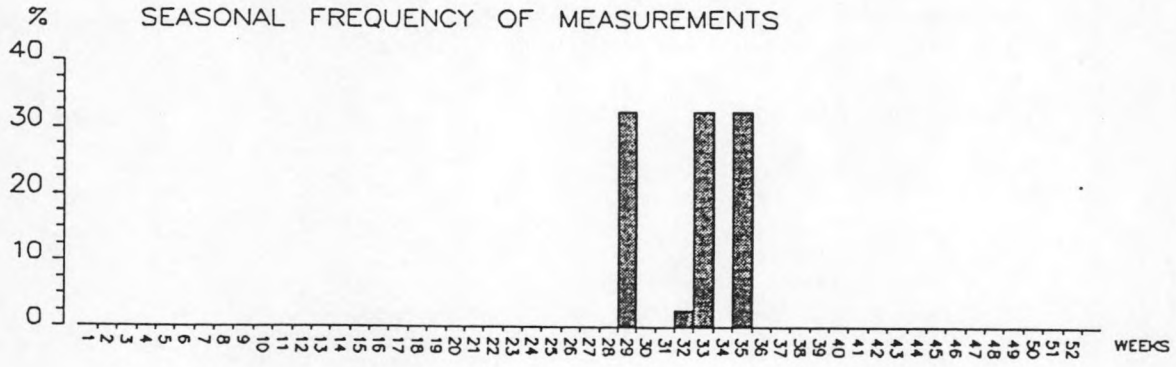
< 228	< 97
< 195	< 65
< 162	< 32
< 130	= 0

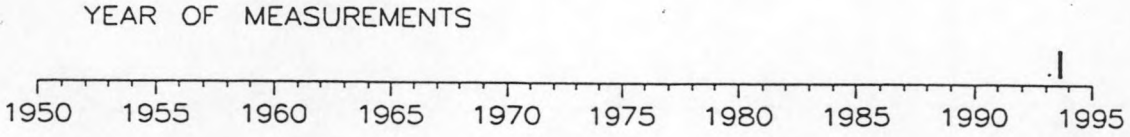
MINIMUM : 0.70
MAXIMUM : 27.40

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005101401

ENAME : ULBB (GMMA)

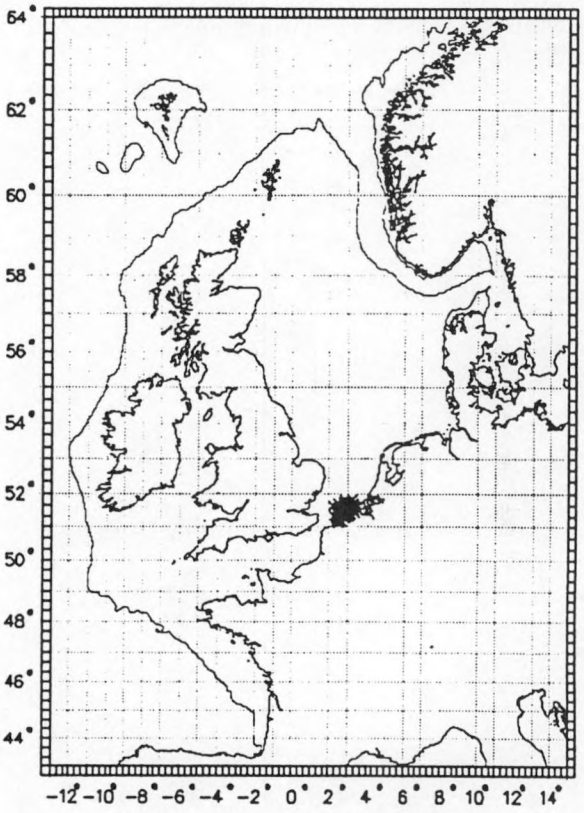
UNITS : MYMOL/L

NO. OF POSITIONS : 52

NO. OF DATA : 844

MINIMUM : 0.20

MAXIMUM : 83.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

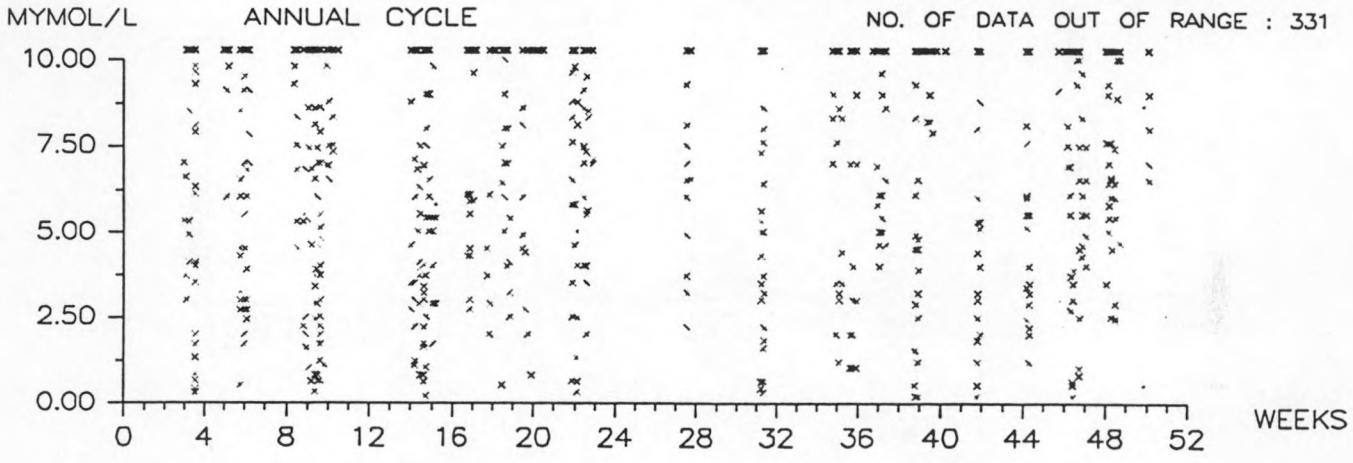
FIRST WEEK : 1

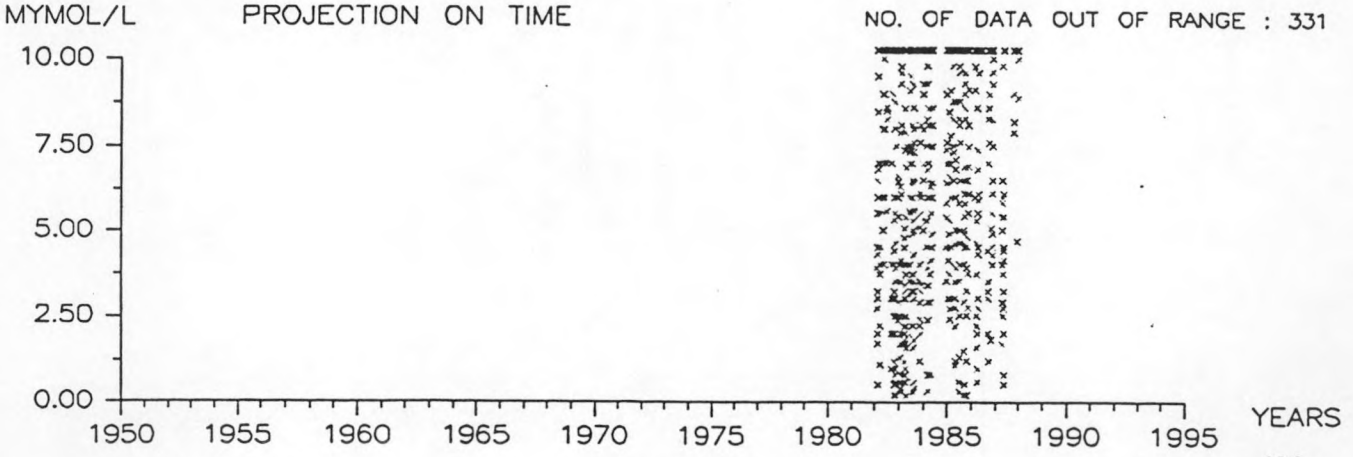
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



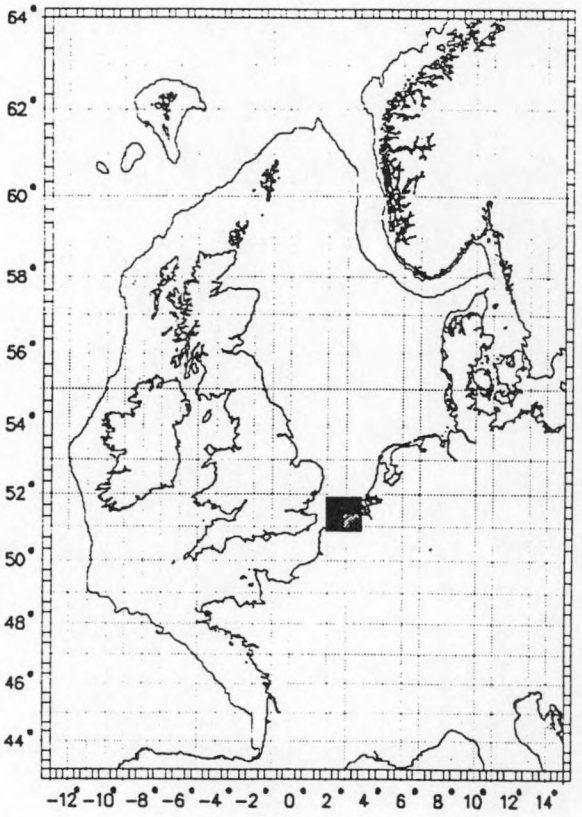


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005101401
ENAME : ULBB (GMMA)
UNITS : MYMOL/L
NO. OF DATA : 844
NO. OF POSITIONS : 52



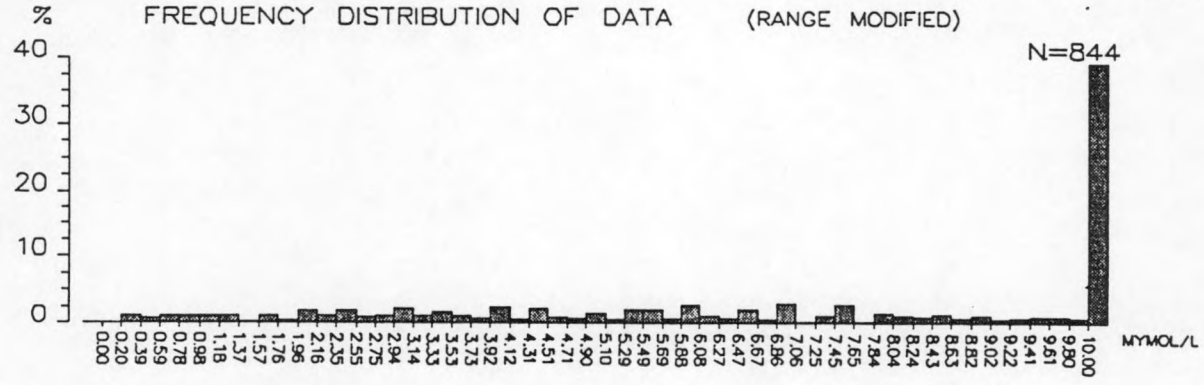
NO. OF DATA/AREA :
(without longterm data series !)

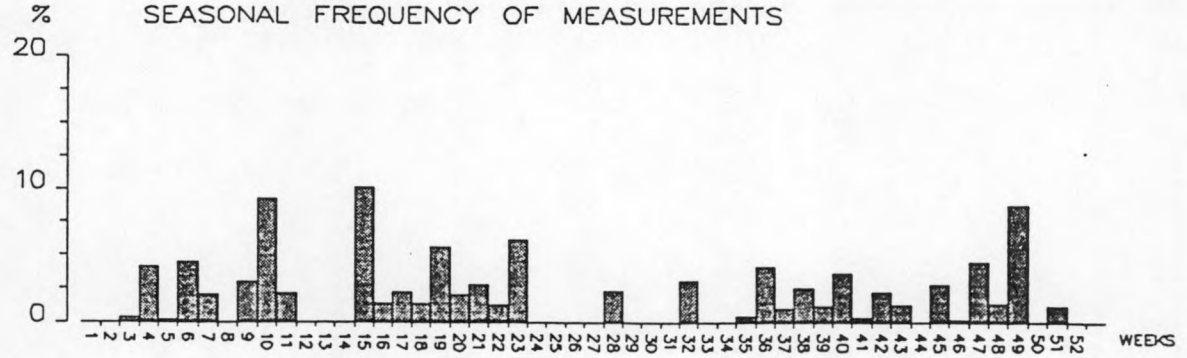
<	337	<	144
<	288	<	96
<	240	<	48
<	192	=	0

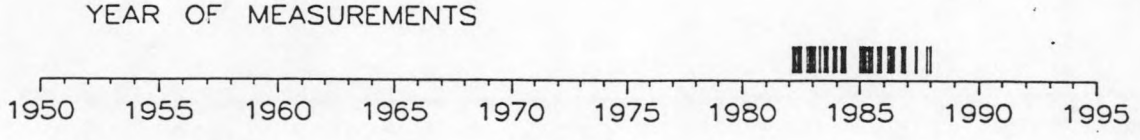
MINIMUM : 0.20
MAXIMUM : 83.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







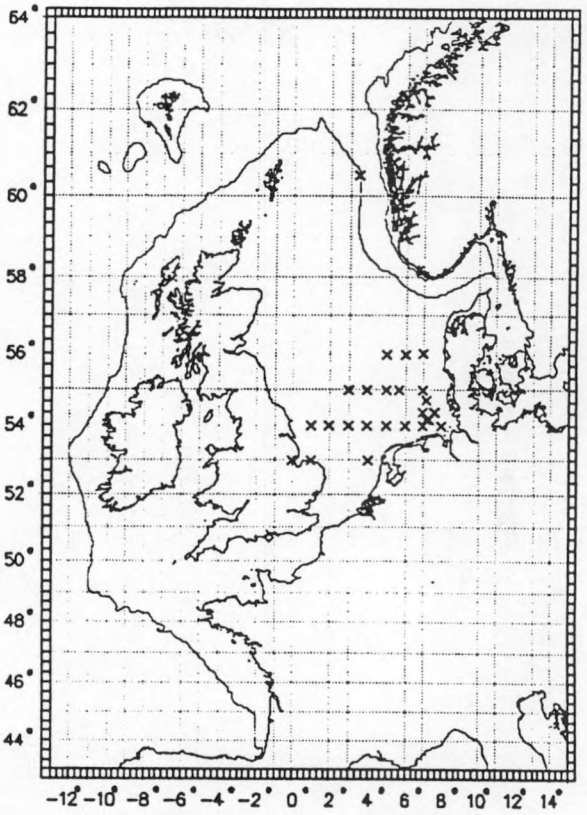
96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005030001
ENAME : Lammers, S.
UNITS : MYMOL/L
NO. OF POSITIONS : 49
NO. OF DATA : 337
MINIMUM : 0.10
MAXIMUM : 16.00

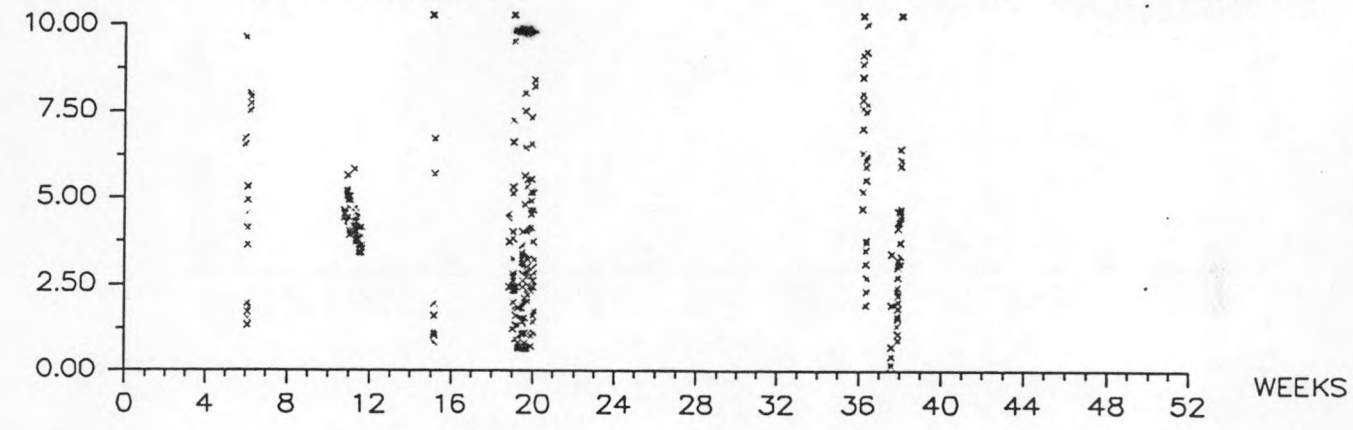


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

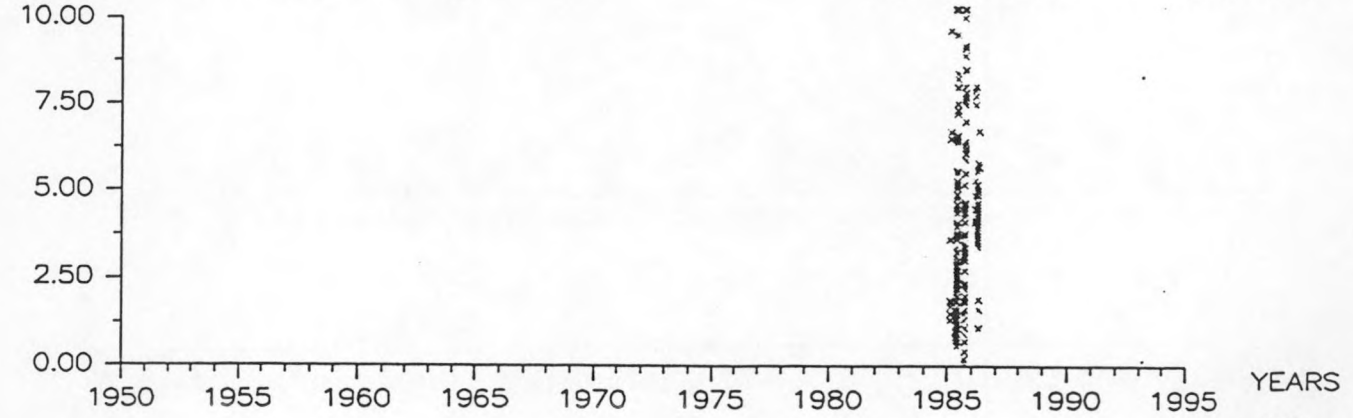
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 13



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 13

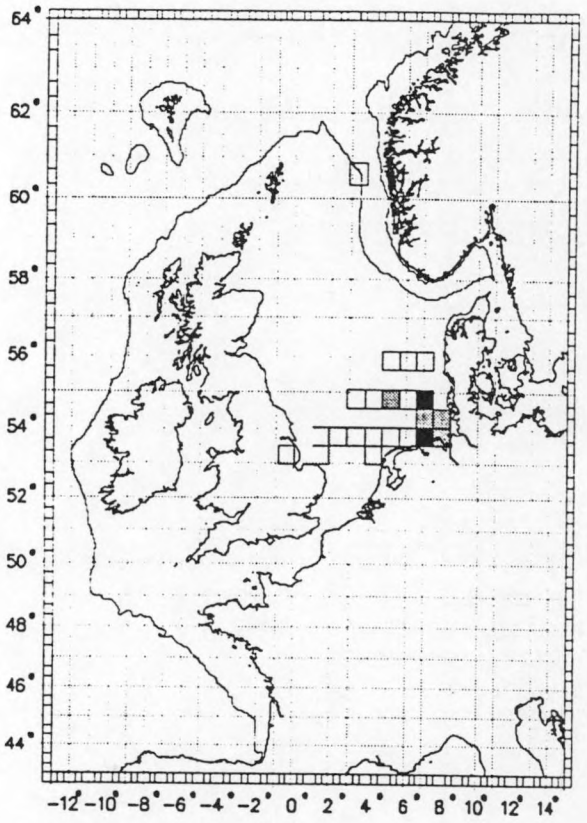


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005030001
ENAME : Lammers, S.
UNITS : MYMOL/L
NO. OF DATA : 337
NO. OF POSITIONS : 49



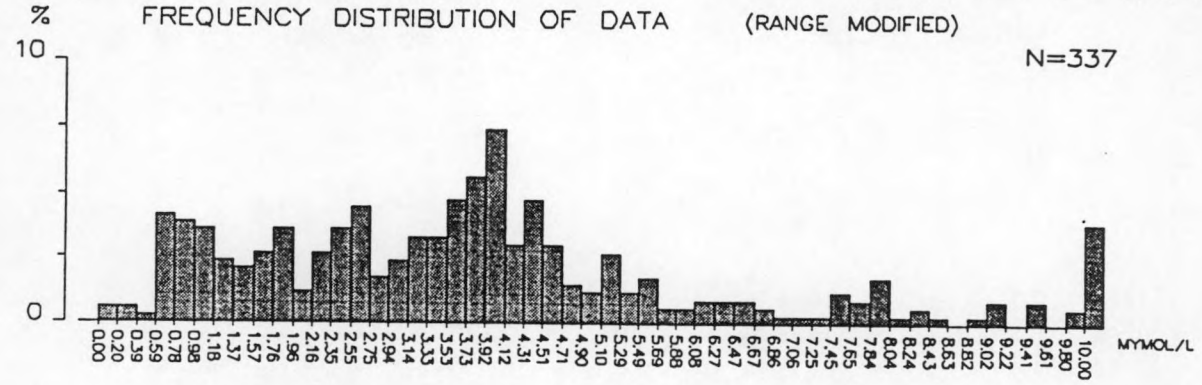
NO. OF DATA/AREA :
(without longterm data series !)

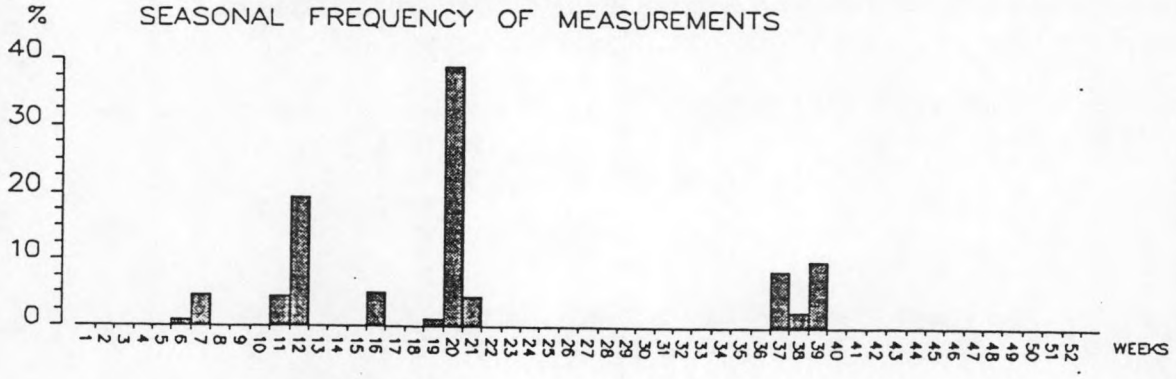
< 89	< 38
< 76	< 25
< 63	< 12
< 50	= 0

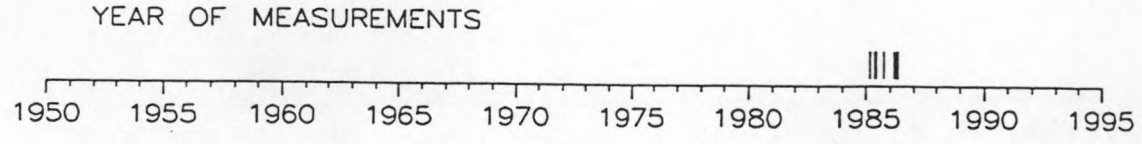
MINIMUM : 0.10
MAXIMUM : 16.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







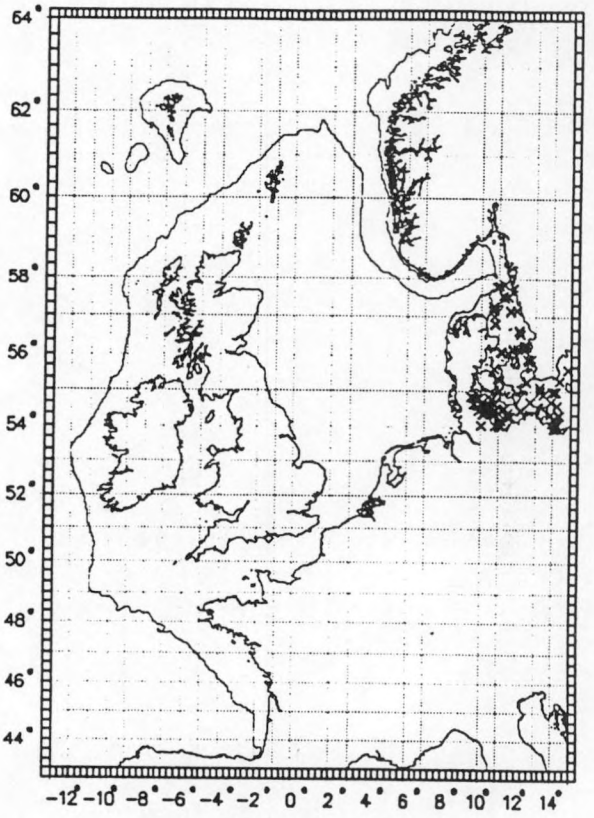
96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

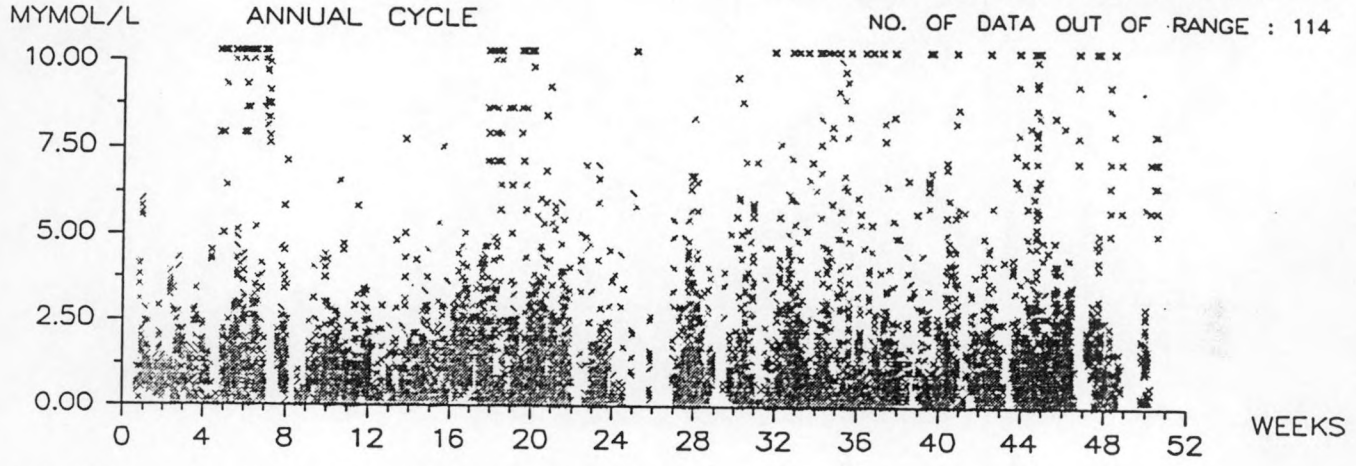
AMMONIA–N (NH4)

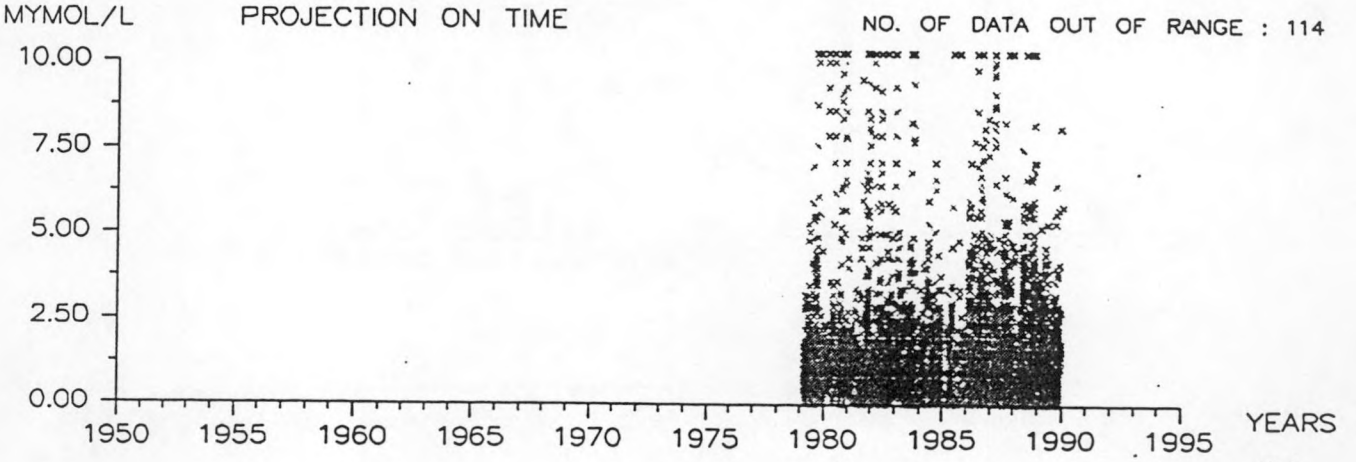
PCODE : 5005010001
ENAME : HELCOM
UNITS : MYMOL/L
NO. OF POSITIONS : 134
NO. OF DATA : 11719
MINIMUM : 0.00
MAXIMUM : 39.50



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



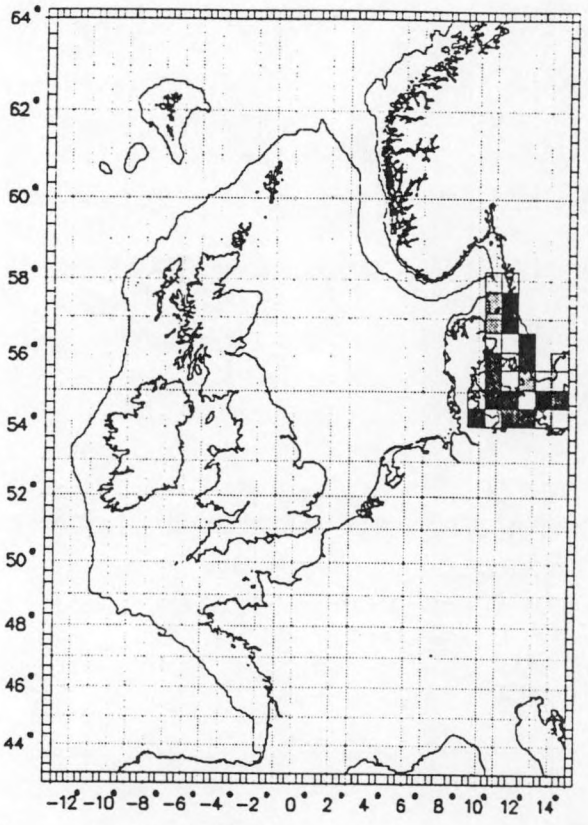


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005010001
ENAME : HELCOM
UNITS : MYMOL/L
NO. OF DATA : 11719
NO. OF POSITIONS : 134



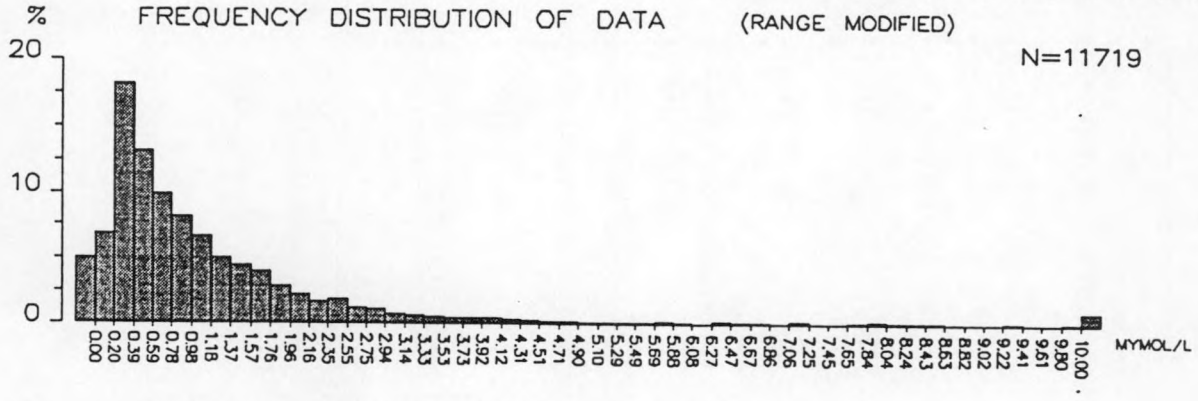
NO. OF DATA/AREA :
(without longterm data series !)

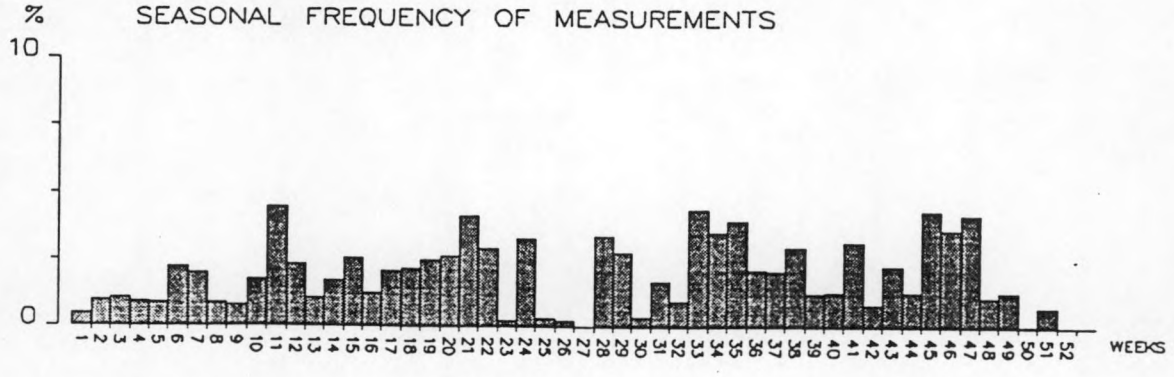
<	1537	<	658
<	1317	<	439
<	1097	<	219
<	878	=	0

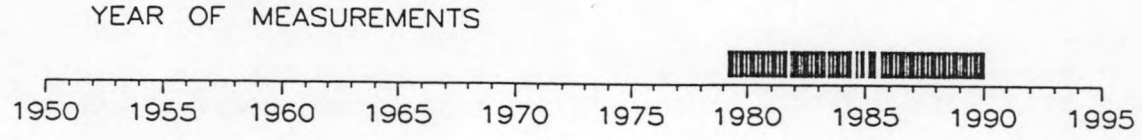
MINIMUM : 0.00
MAXIMUM : 39.50

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005010001

ENAME : ICES

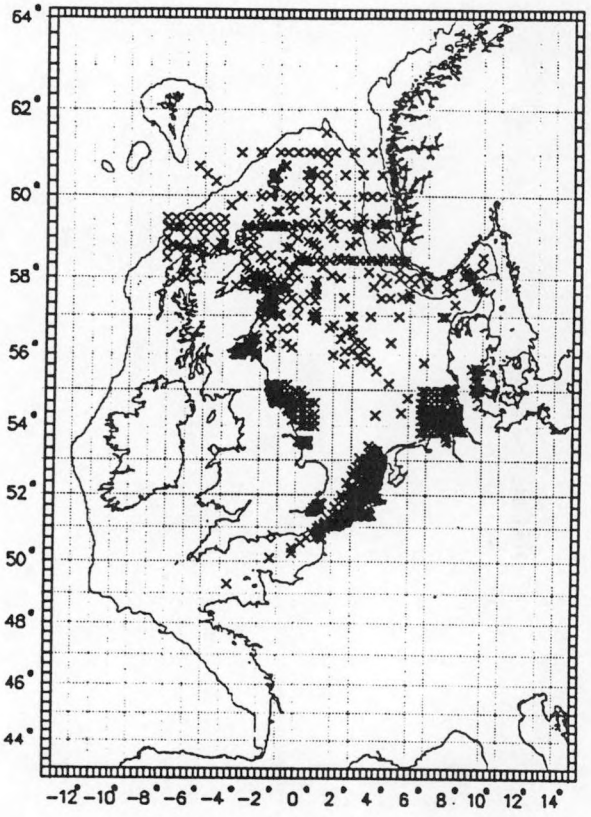
UNITS : MYMOL/L

NO. OF POSITIONS : 1386

NO. OF DATA : 8073

MINIMUM : 0.00

MAXIMUM : 98.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

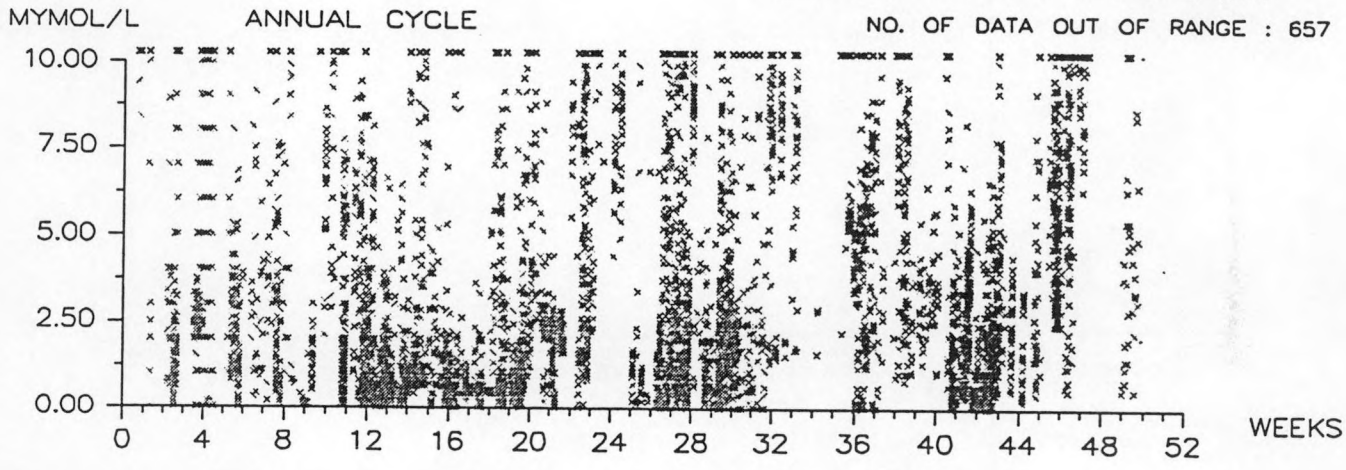
FIRST WEEK : 1

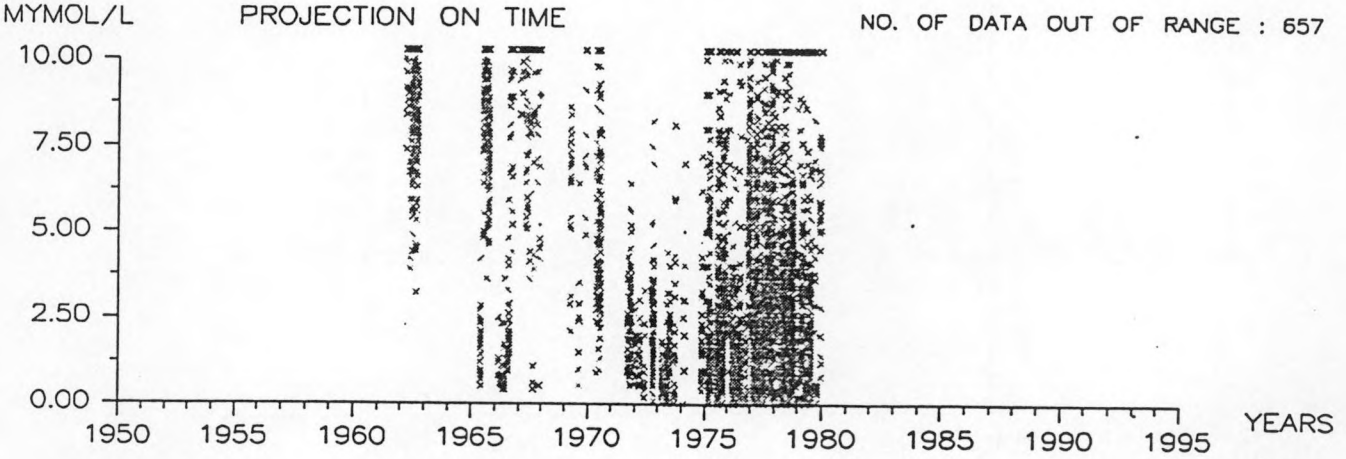
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



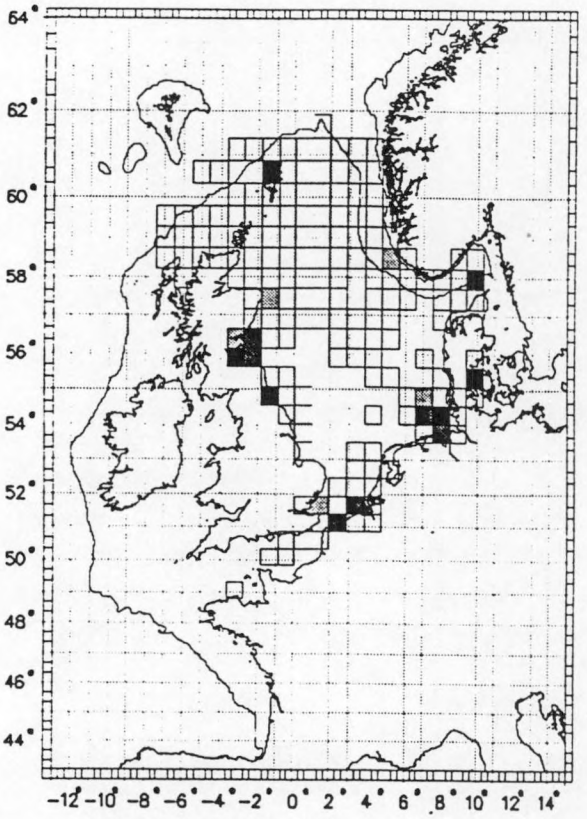


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005010001
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 8073
NO. OF POSITIONS : 1386



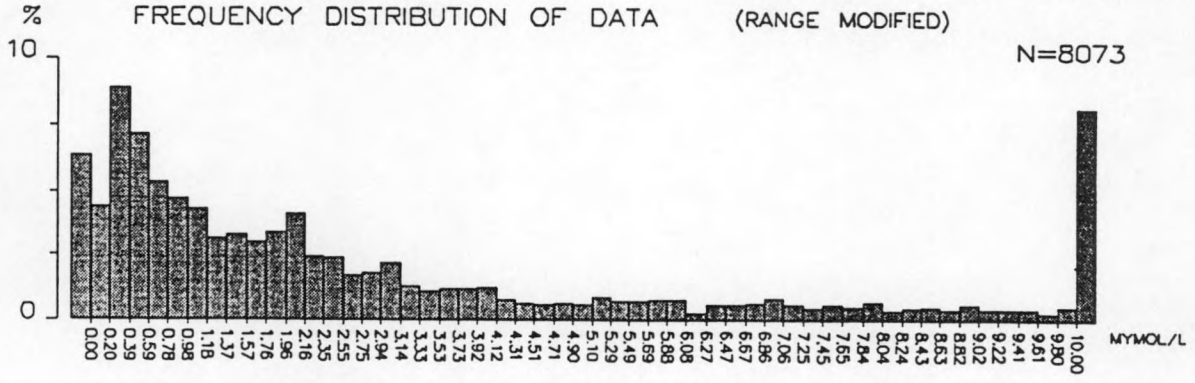
NO. OF DATA/AREA :
(without longterm data series !)

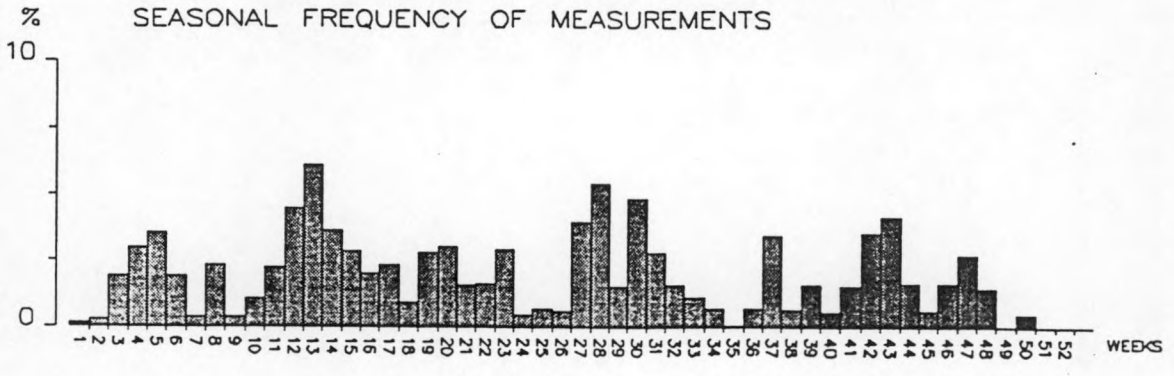
< 715	< 306
< 612	< 204
< 510	< 102
< 408	= 0

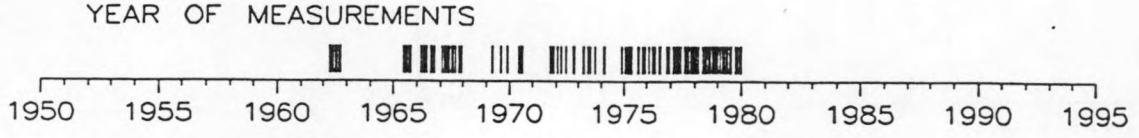
MINIMUM : 0.00
MAXIMUM : 98.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005030096

ENAME : ICES

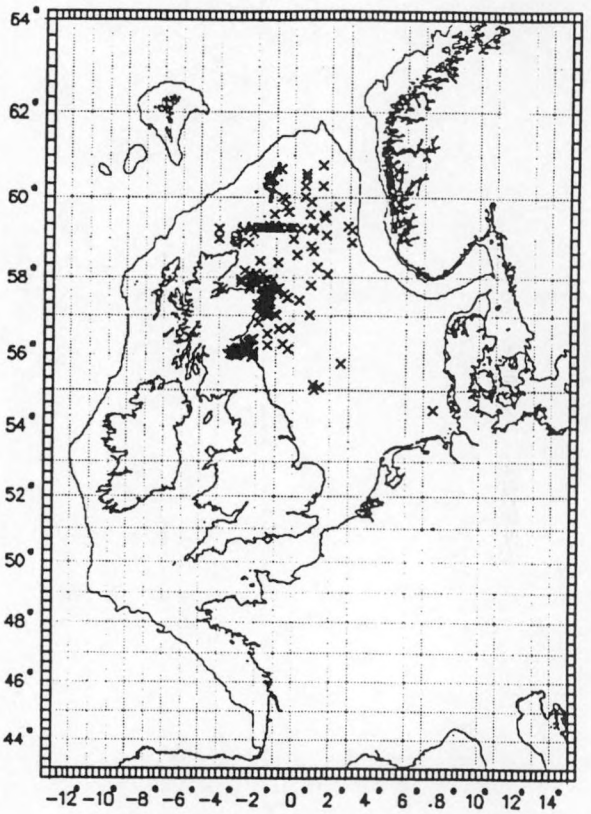
UNITS : MYMOL/L

NO. OF POSITIONS : 303

NO. OF DATA : 2180

MINIMUM : 0.00

MAXIMUM : 12.70



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

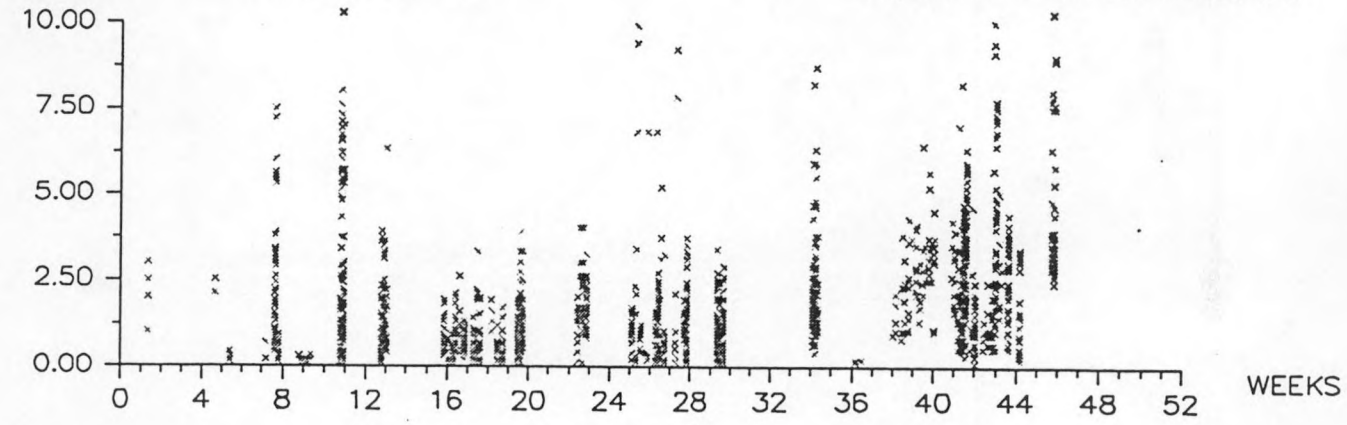
DEPTH–RANGE

UPPER : 0

LOWER : 2000

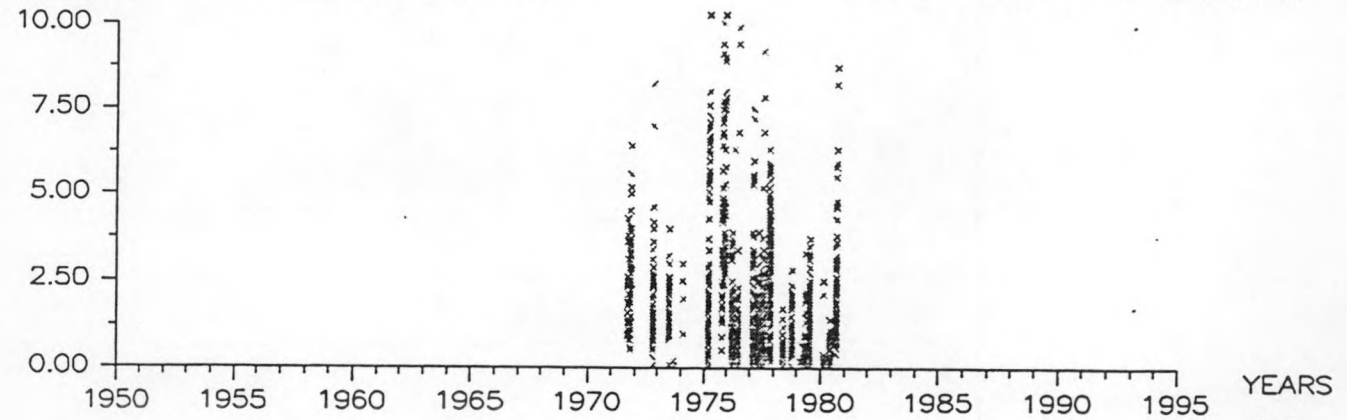
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 3



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 3



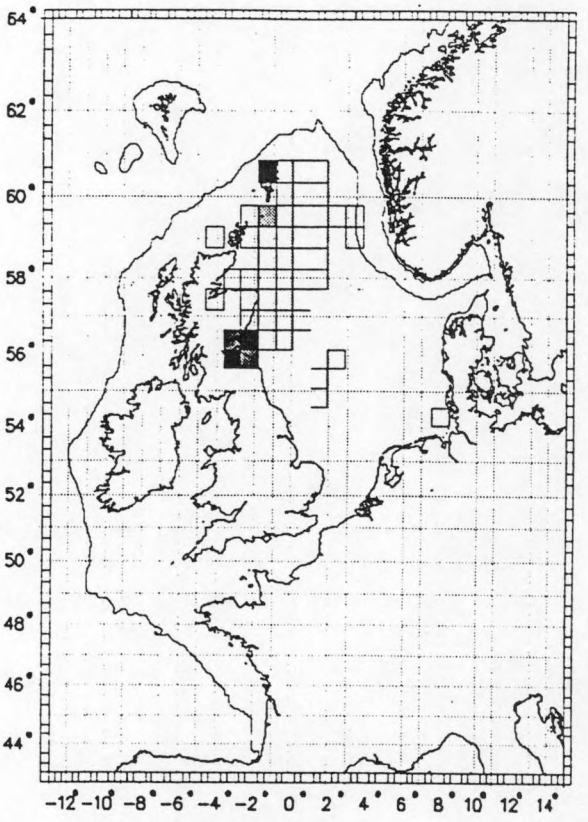
96–09–19

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005030096
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 2180
NO. OF POSITIONS : 303



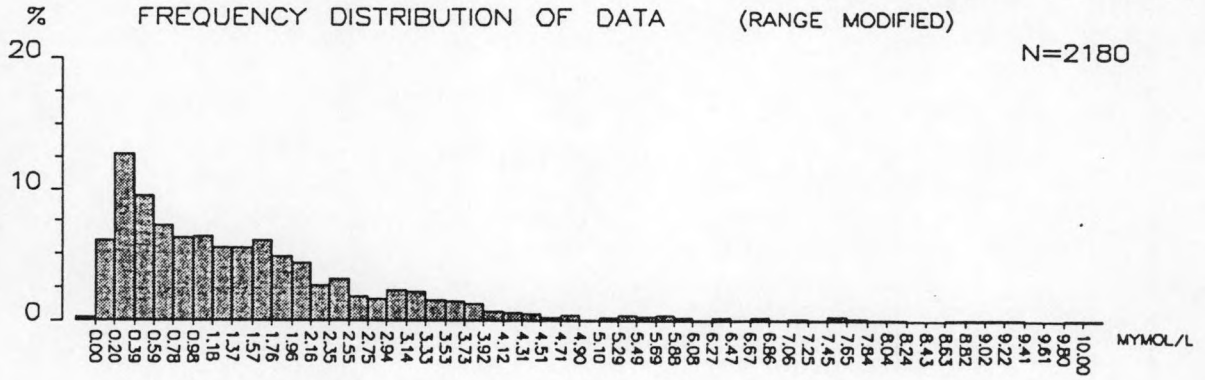
NO. OF DATA/AREA :
(without longterm data series !)

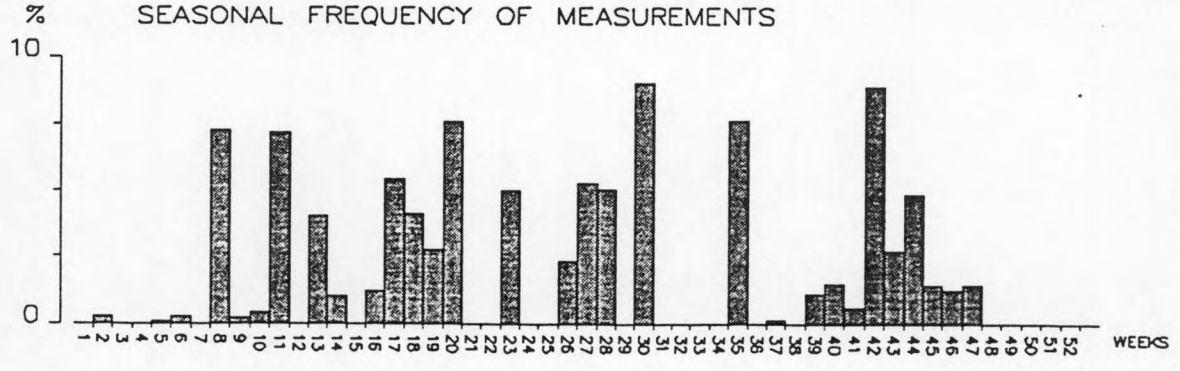
< 618	< 264
< 529	< 176
< 441	< 88
< 353	= 0

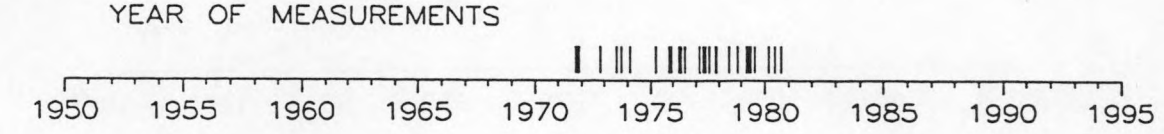
MINIMUM : 0.00
MAXIMUM : 12.70

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005030098

ENAME : ICES

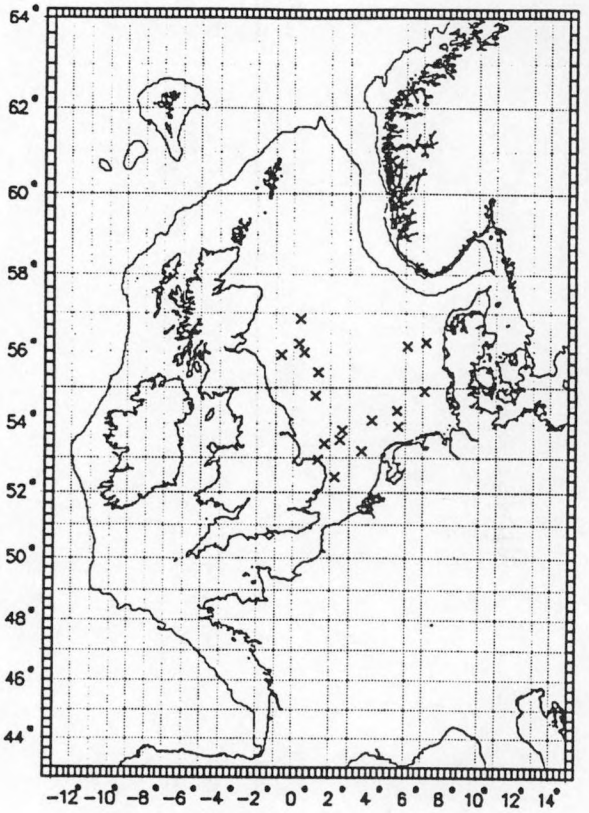
UNITS : MYMOL/L

NO. OF POSITIONS : 18

NO. OF DATA : 36

MINIMUM : 0.50

MAXIMUM : 5.90



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

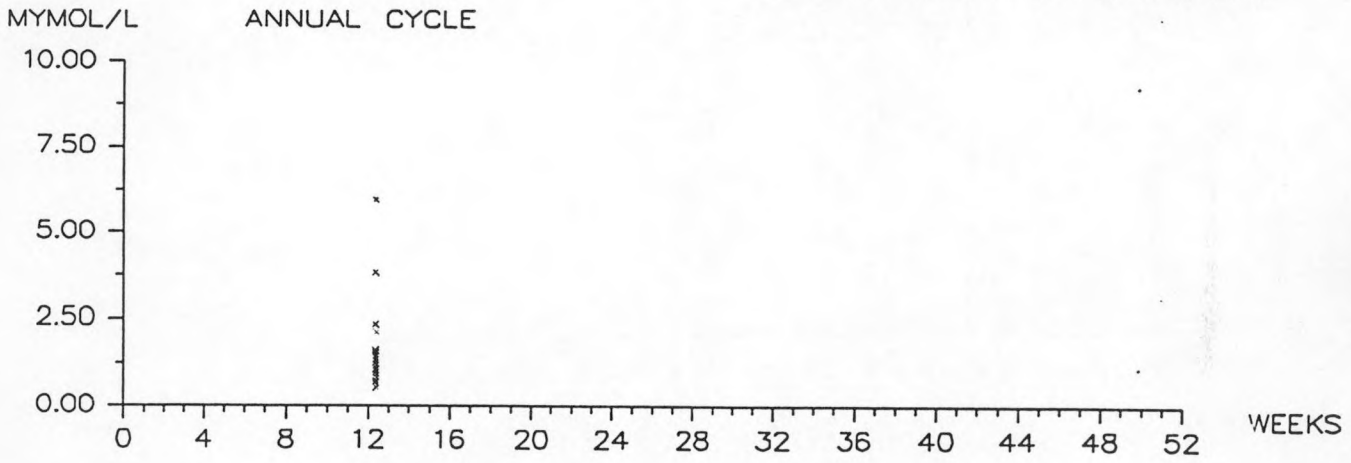
FIRST WEEK : 1

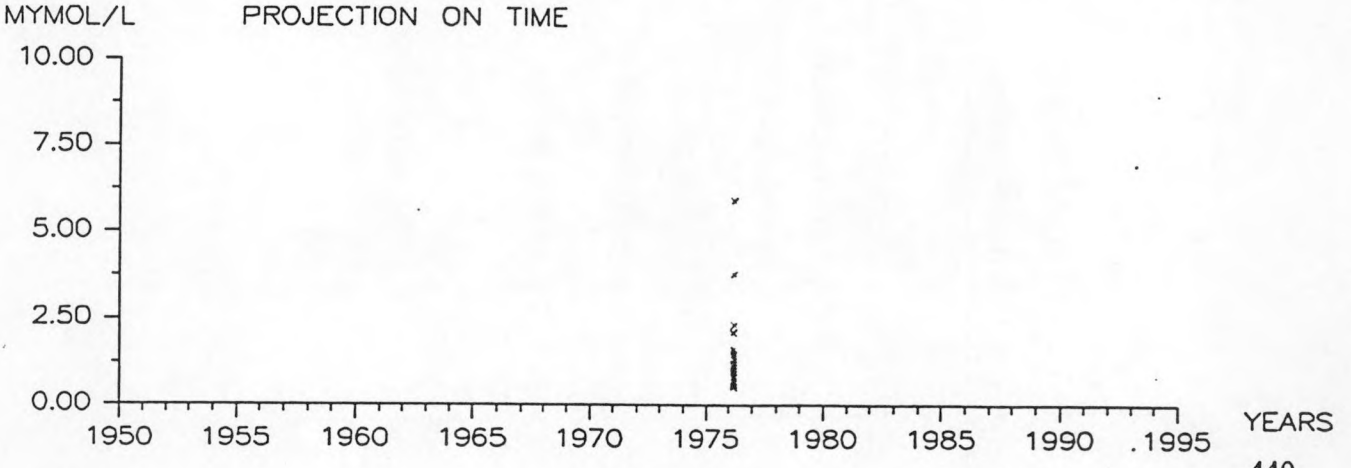
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



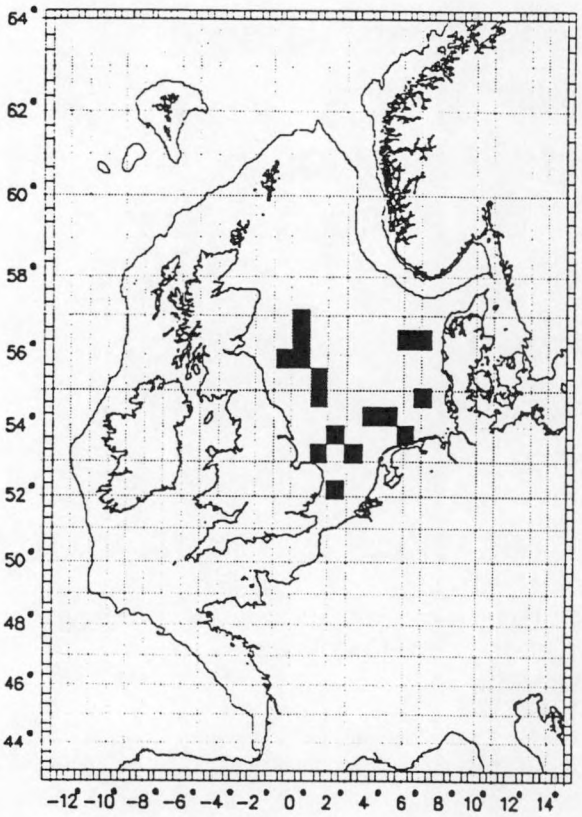


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005030098
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 36
NO. OF POSITIONS : 18



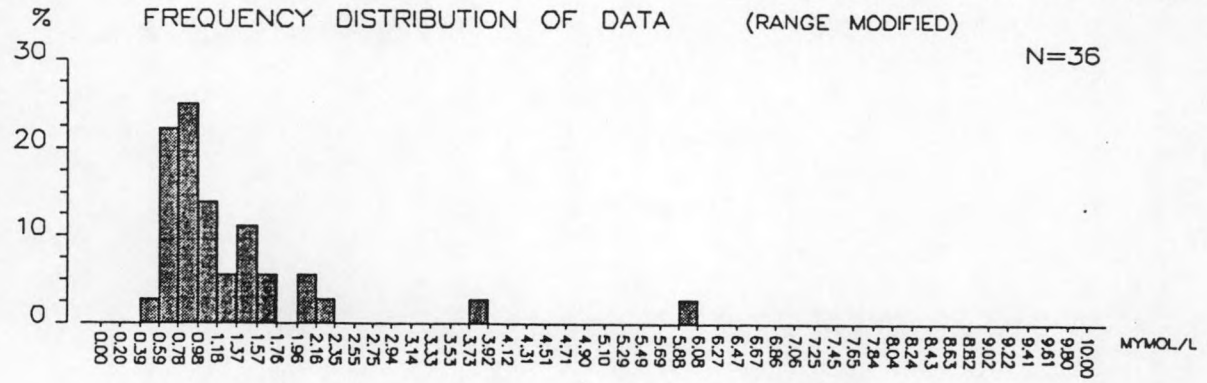
NO. OF DATA/AREA :
(without longterm data series !)

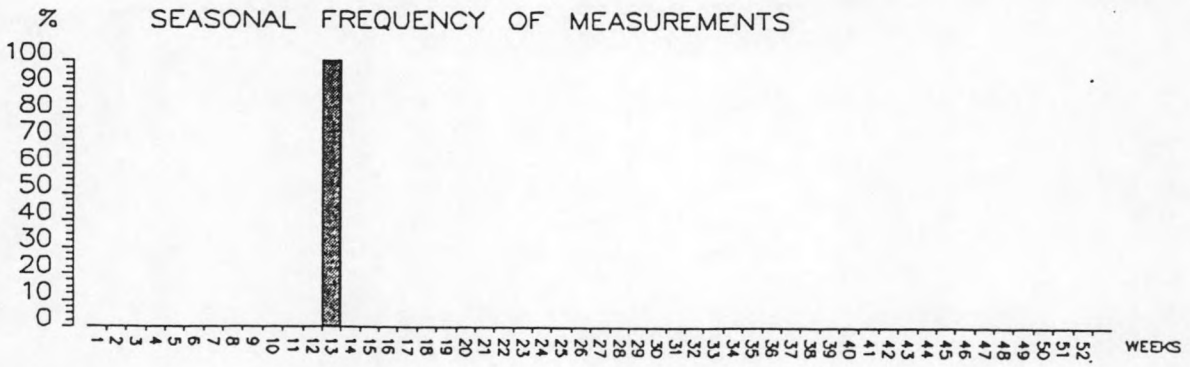
4	< 1
3	< 1
2	< 0
< 2	= 0

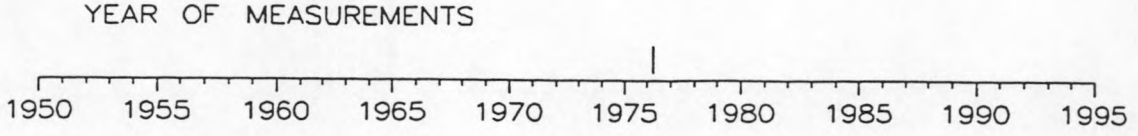
MINIMUM : 0.50
MAXIMUM : 5.90

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







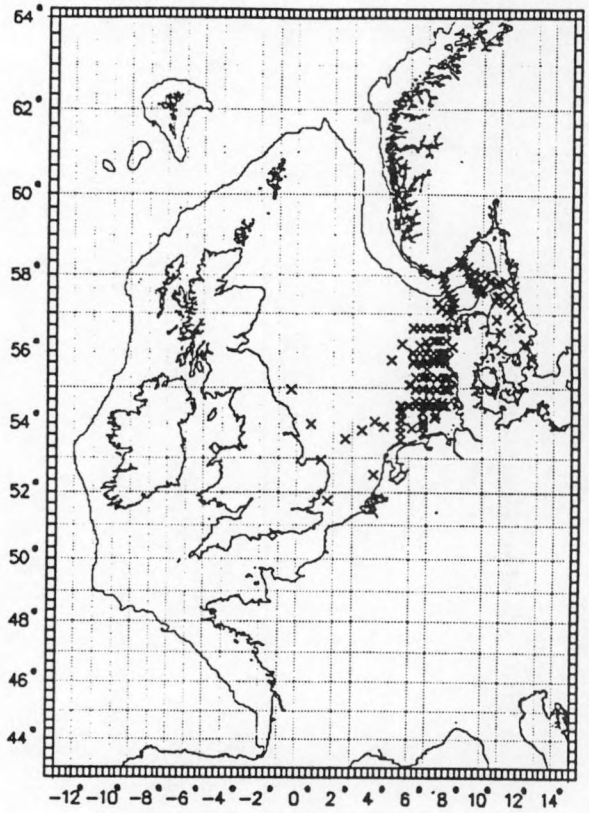
96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005030099
ENAME : ICES
UNITS : MYMOL/L
NO. OF POSITIONS : 330
NO. OF DATA : 2825
MINIMUM : 0.10
MAXIMUM : 14.80

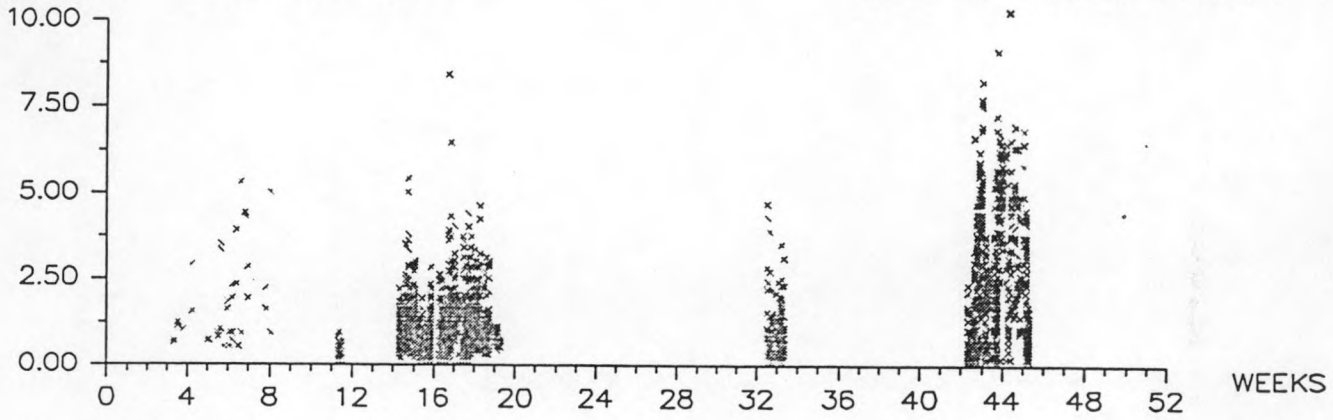


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

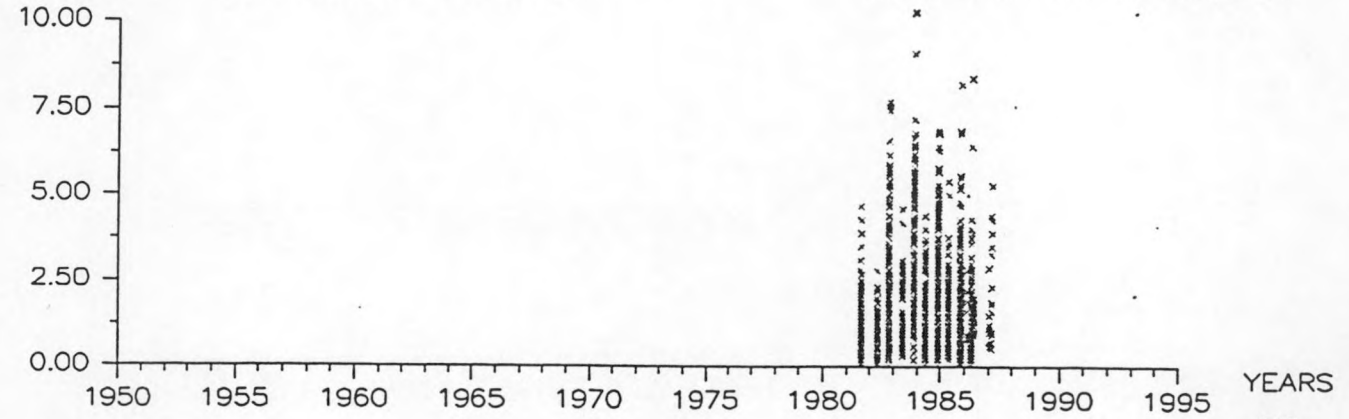
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 1



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 1

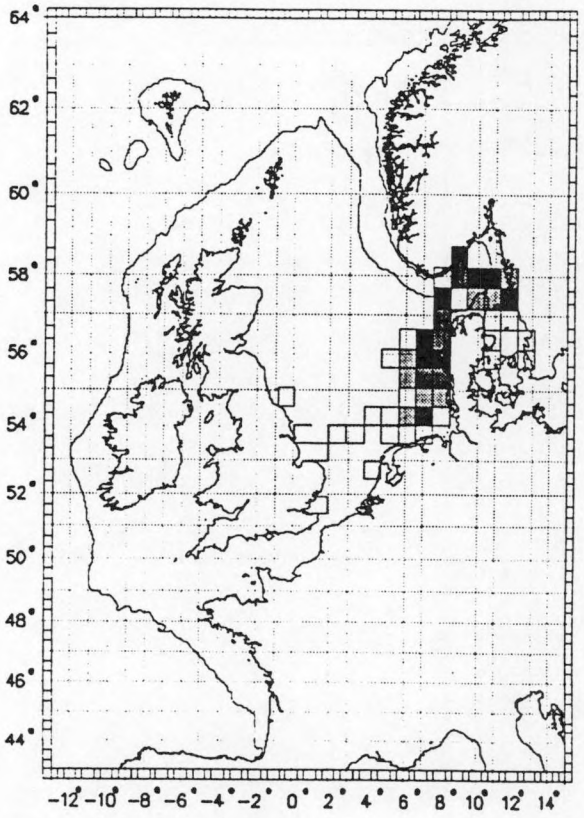


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005030099
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 2825
NO. OF POSITIONS : 330



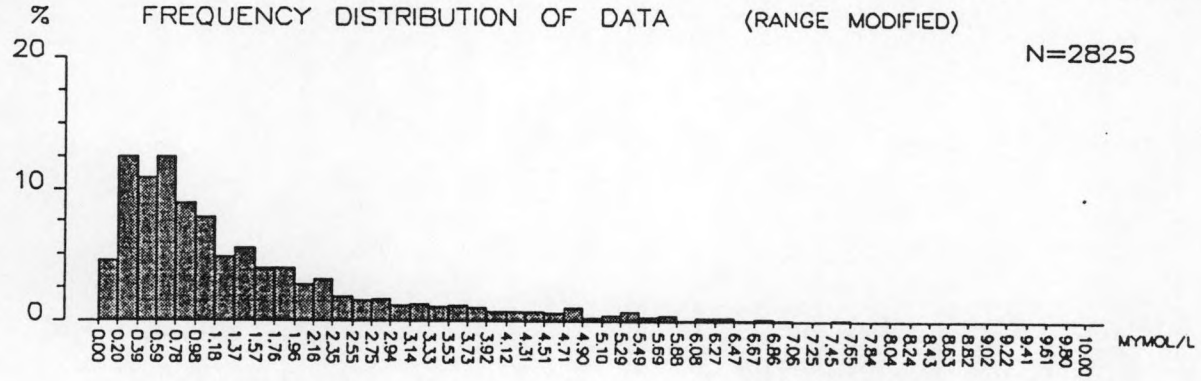
NO. OF DATA/AREA :
(without longterm data series !)

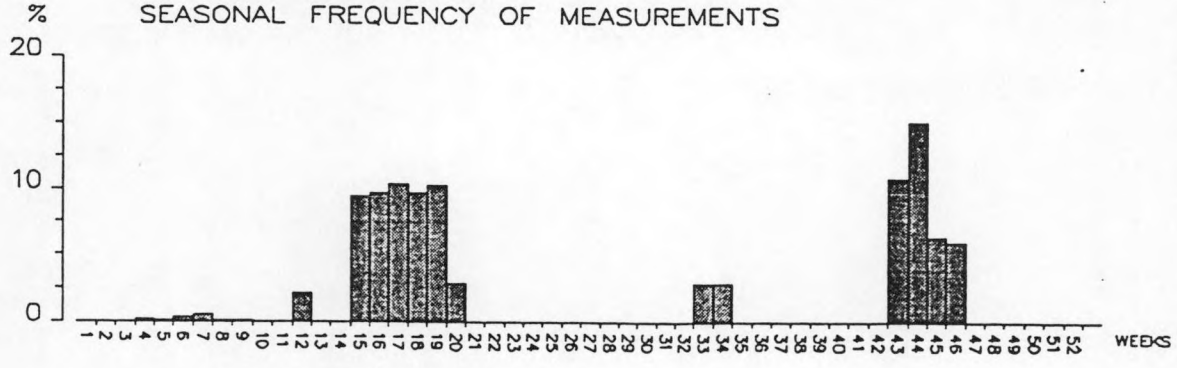
< 290	< 124
< 248	< 82
< 207	< 41
< 165	= 0

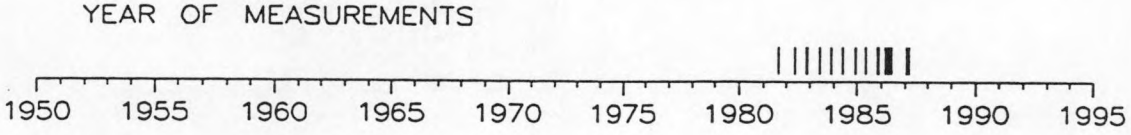
MINIMUM : 0.10
MAXIMUM : 14.80

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







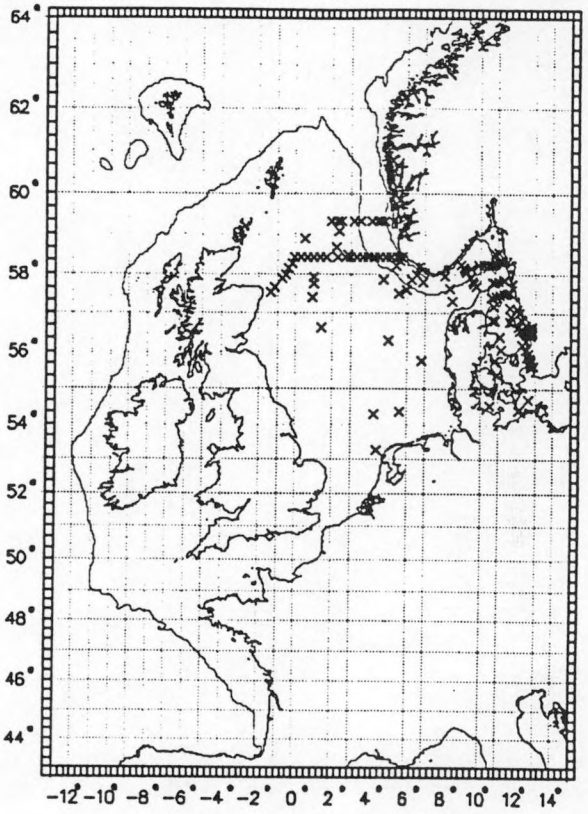
96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

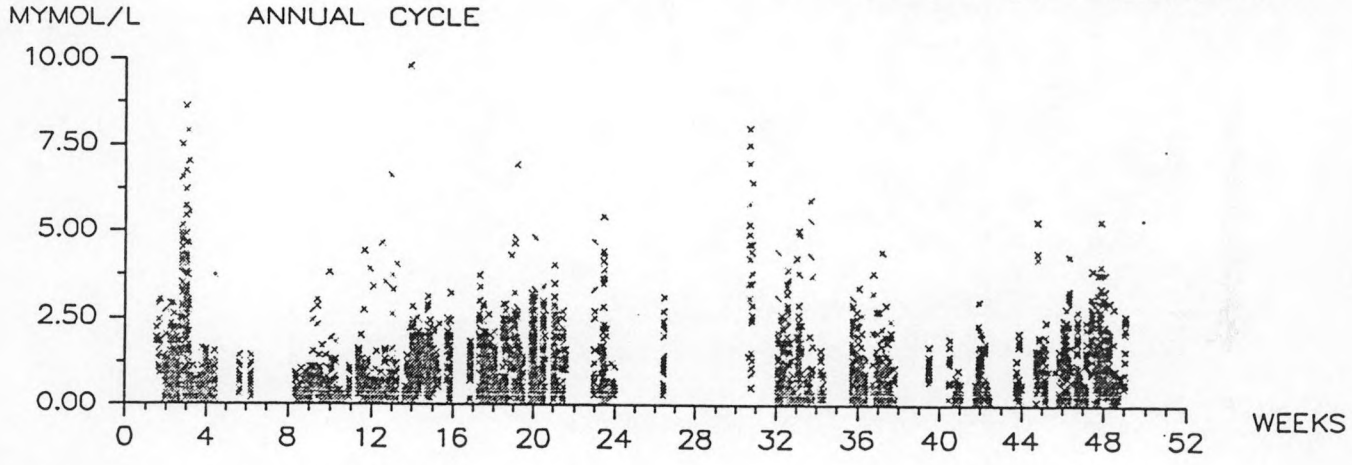
AMMONIA–N (NH4)

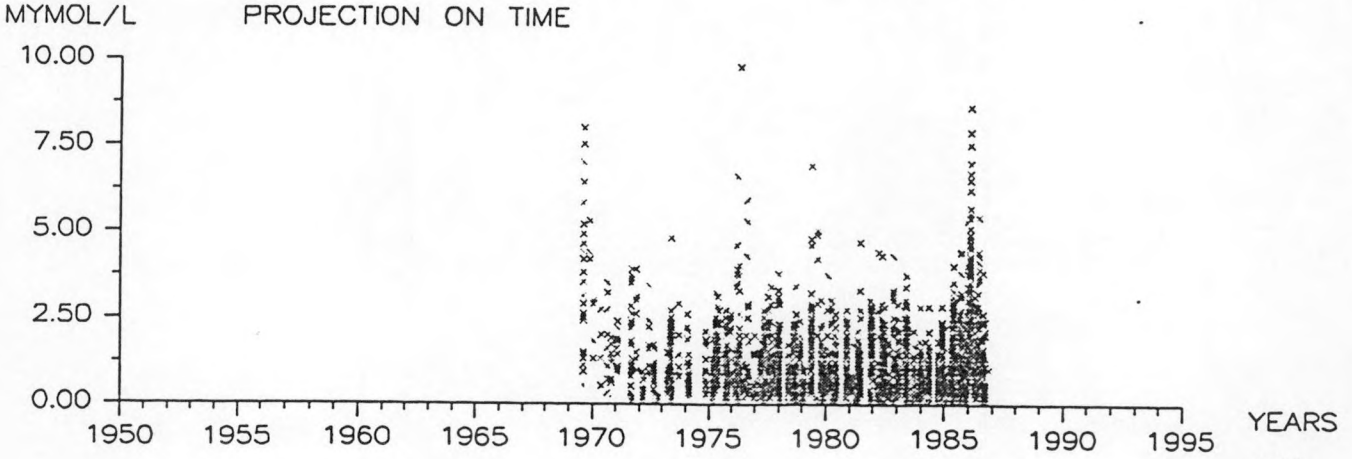
PCODE : 5005030096
ENAME : ICES/SMHI
UNITS : MYMOL/L
NO. OF POSITIONS : 153
NO. OF DATA : 6442
MINIMUM : 0.10
MAXIMUM : 9.80



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



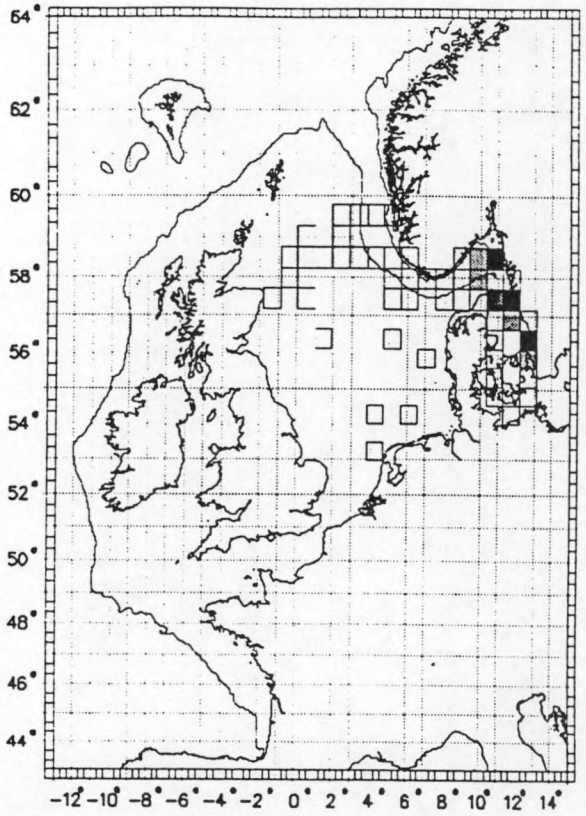


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005030096
ENAME : ICES/SMHI
UNITS : MYMOL/L
NO. OF DATA : 6442
NO. OF POSITIONS : 153



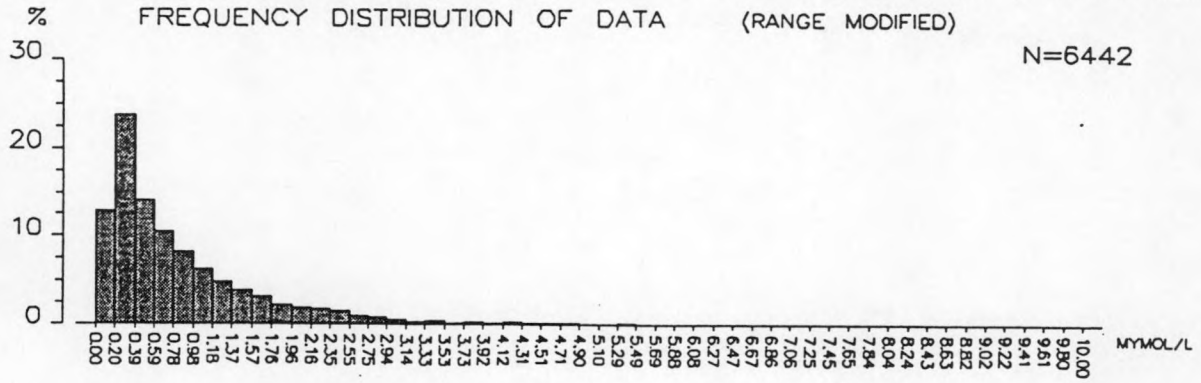
NO. OF DATA/AREA :
(without longterm data series !)

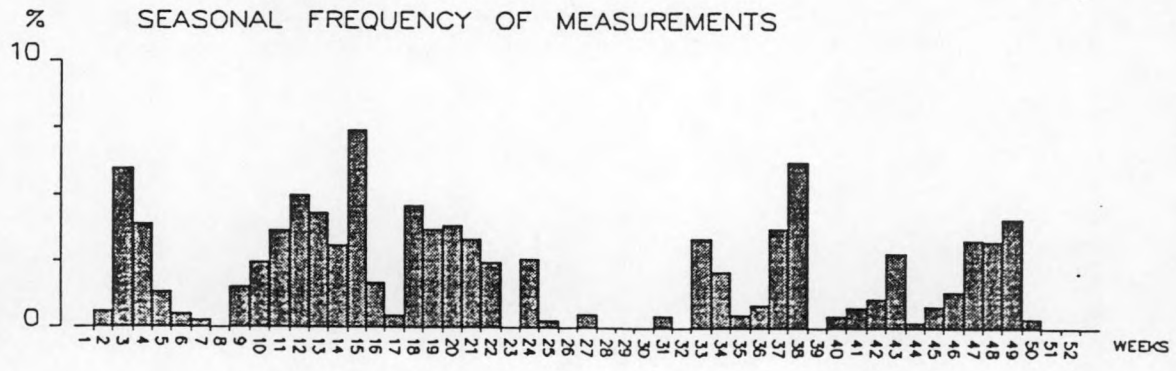
<	1657	<	710
<	1420	<	473
<	1183	<	236
<	946	=	0

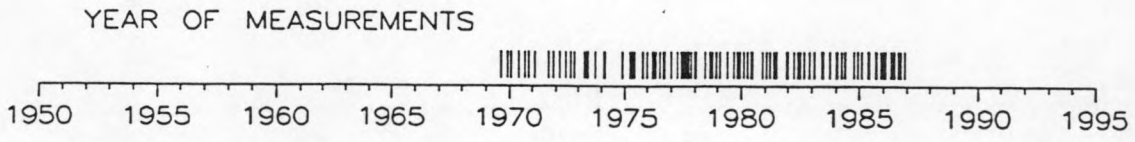
MINIMUM : 0.10
MAXIMUM : 9.80

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







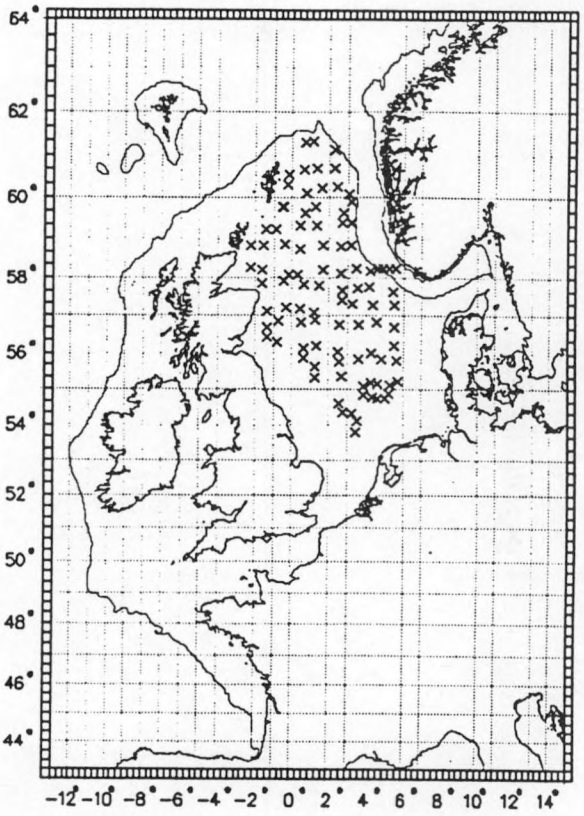
96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

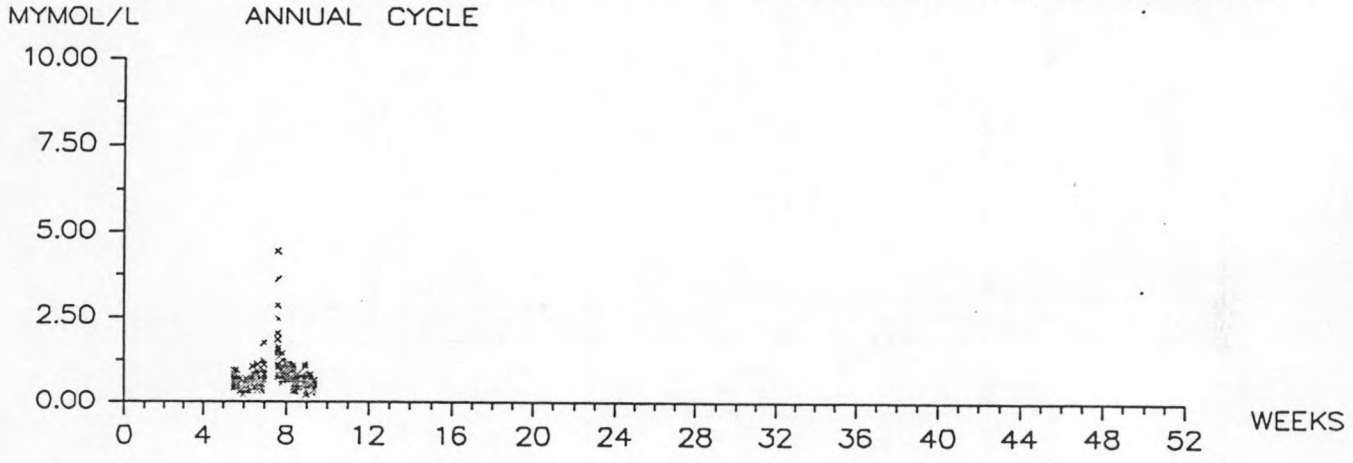
AMMONIA–N (NH4)

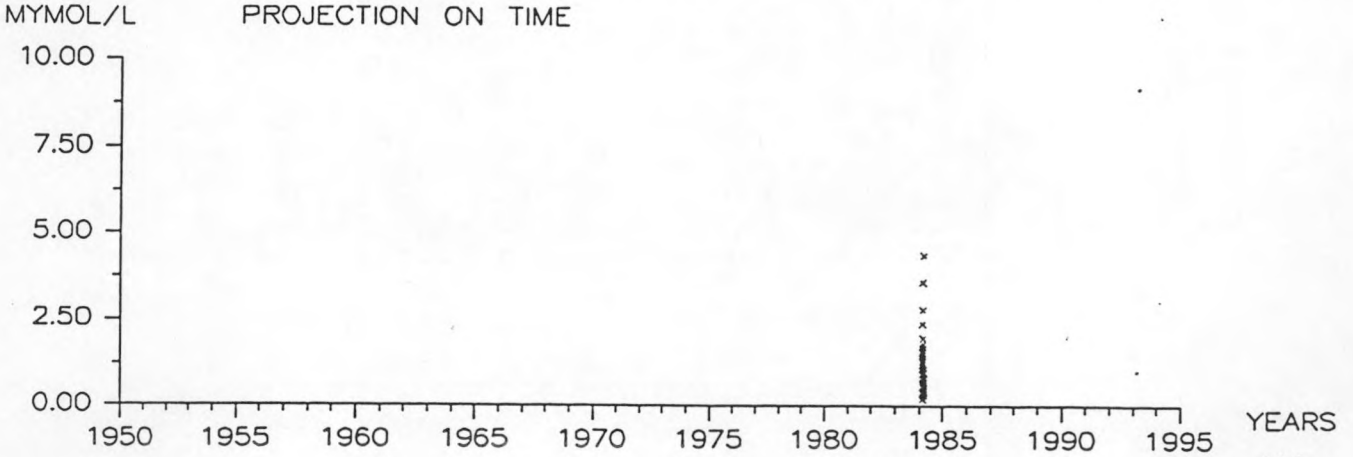
PCODE : 5005030096
ENAME : ICES/YFS
UNITS : MYMOL/L
NO. OF POSITIONS : 97
NO. OF DATA : 476
MINIMUM : 0.20
MAXIMUM : 4.40



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





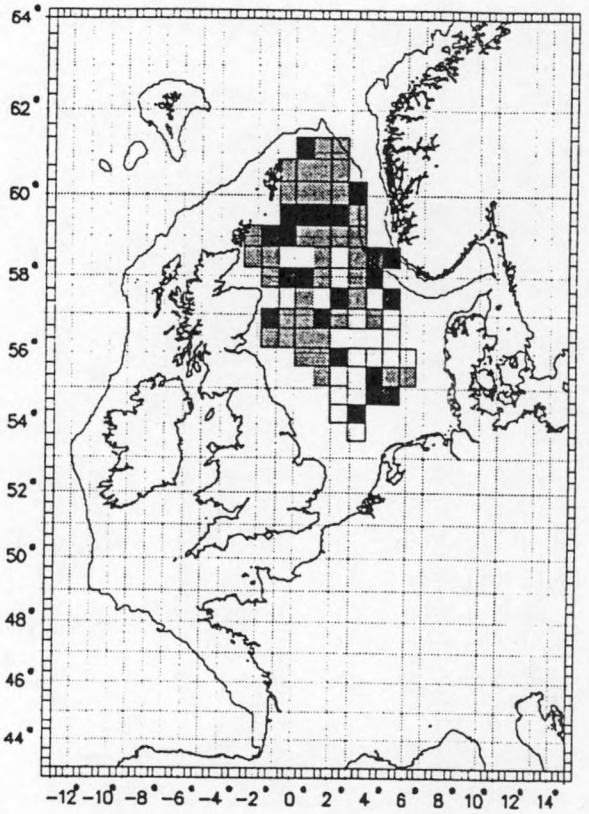
96–09–19

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA—N (NH4)

PCODE : 5005030096
ENAME : ICES/YFS
UNITS : MYMOL/L
NO. OF DATA : 476
NO. OF POSITIONS : 97



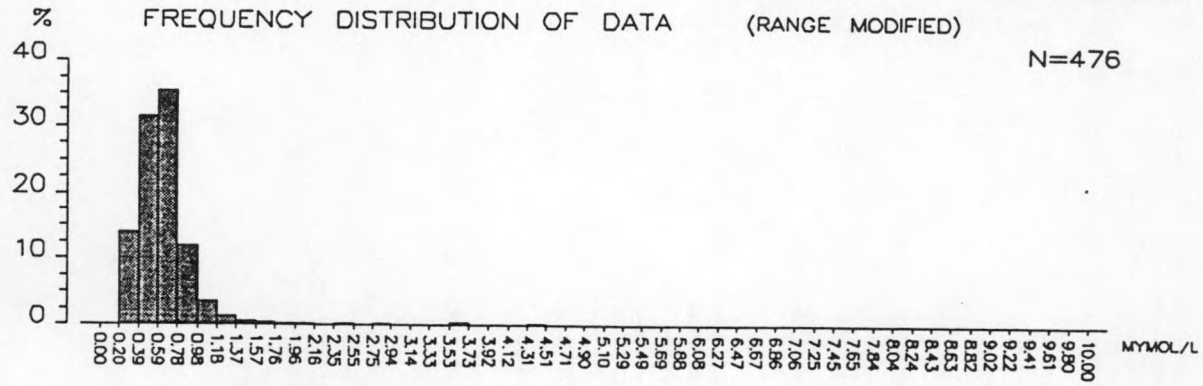
NO. OF DATA/AREA :
(without longterm data series !)

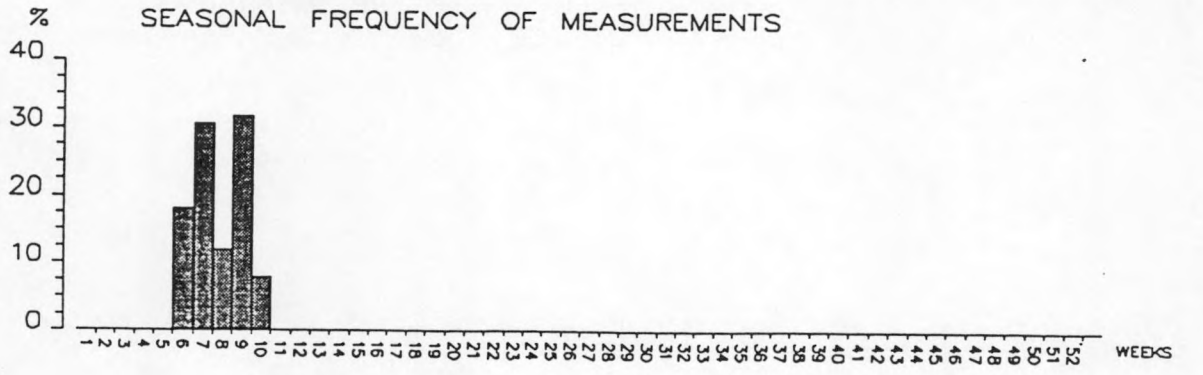
< 24	< 10
< 20	< < 6
< 17	< < 3
< 13	= 0

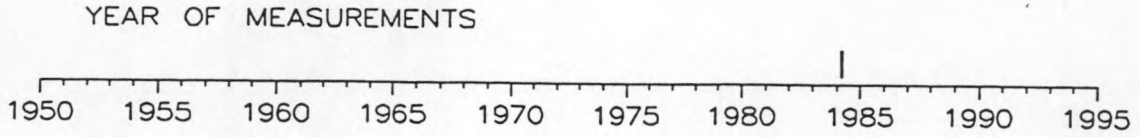
MINIMUM : 0.20
MAXIMUM : 4.40

MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000







96—09—19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005030001

ENAME : IMR/Danielssen, D. S.

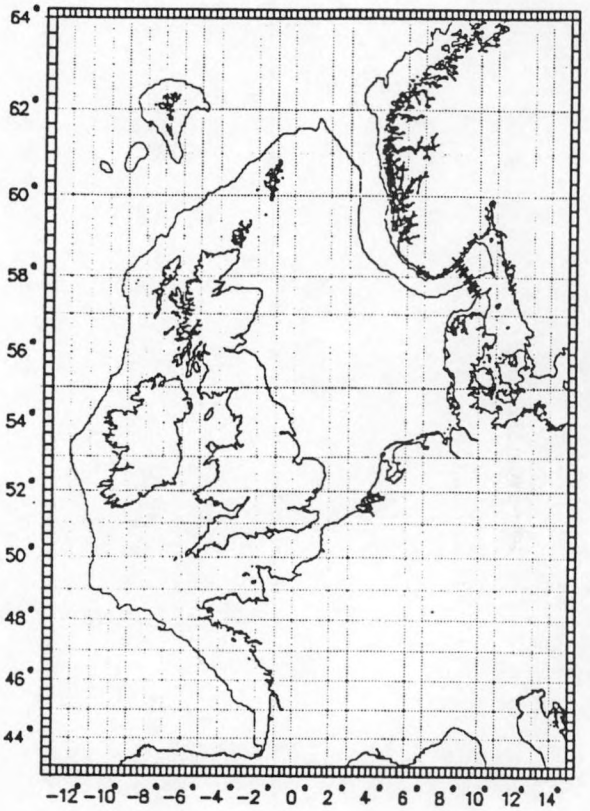
UNITS : MYMOL/L

NO. OF POSITIONS : 12

NO. OF DATA : 7535

MINIMUM : 0.00

MAXIMUM : 7.80



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

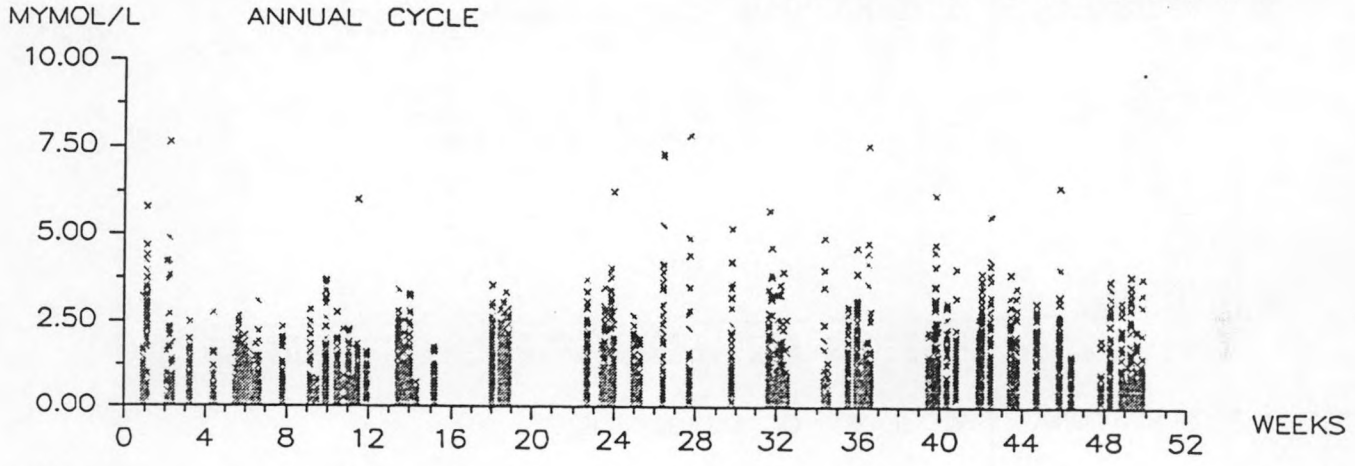
FIRST WEEK : 1

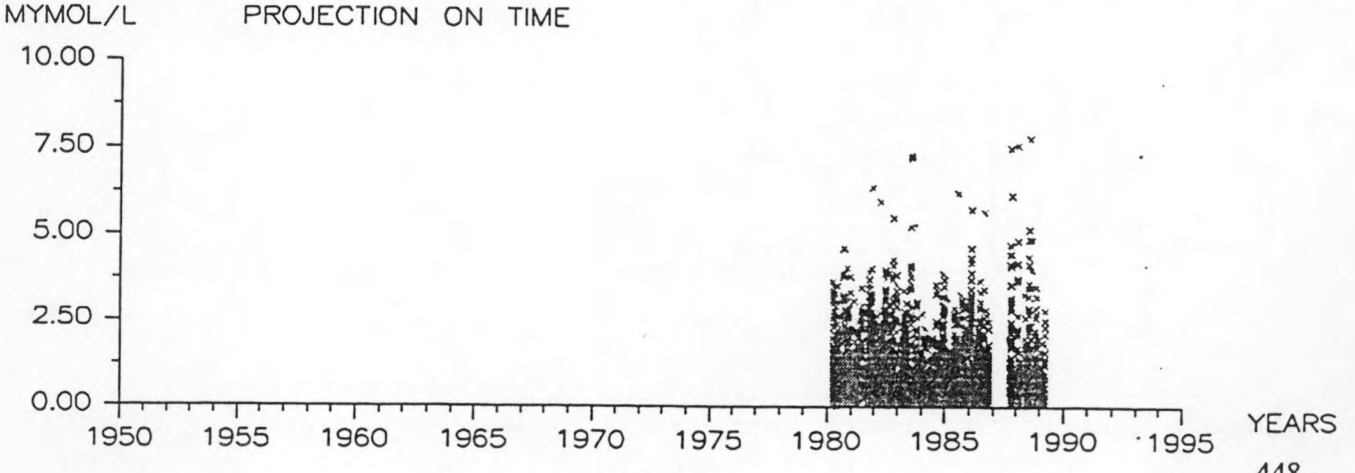
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





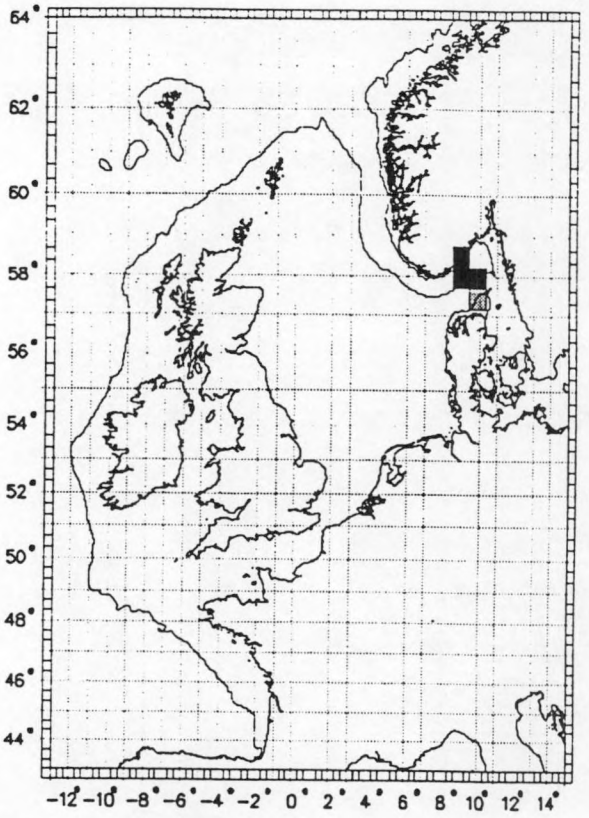
96–09–19

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005030001
ENAME : IMR/Danielssen, D. S.
UNITS : MYMOL/L
NO. OF DATA : 7535
NO. OF POSITIONS : 12



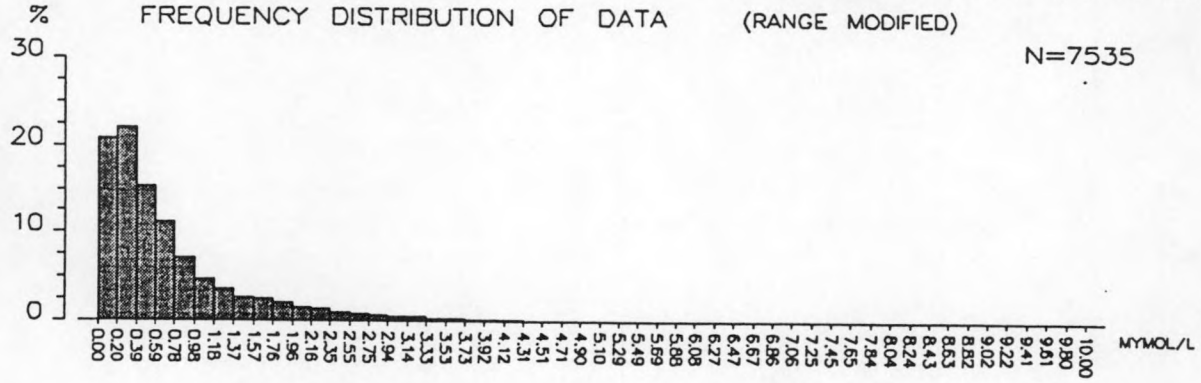
NO. OF DATA/AREA :
(without longterm data series !)

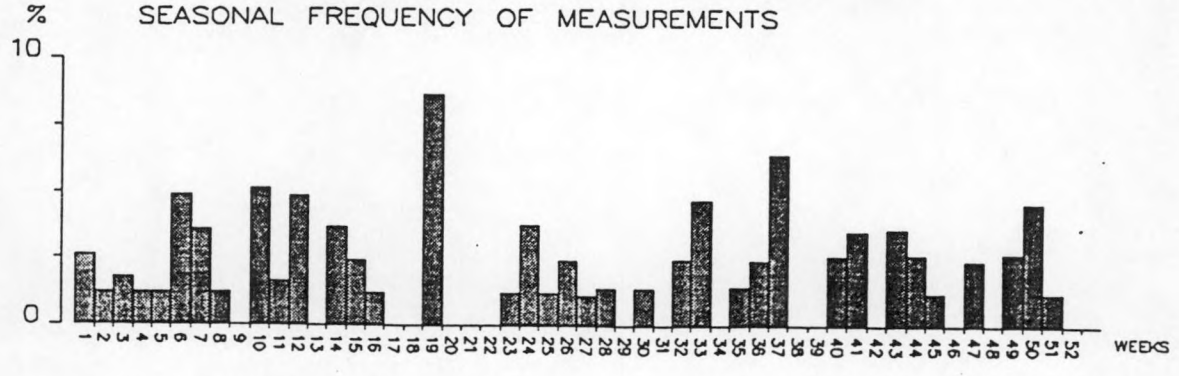
<	2719	<	1165
<	2330	< <	776
<	1942	< < <	388
<	1553	=	0

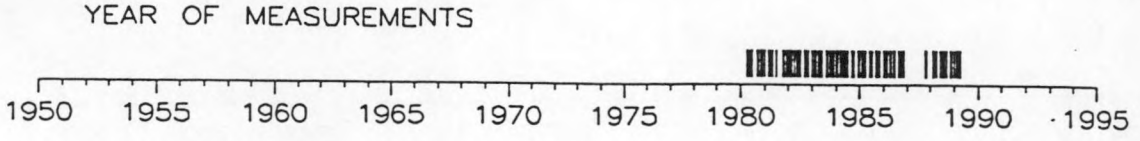
MINIMUM : 0.00
MAXIMUM : 7.80

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







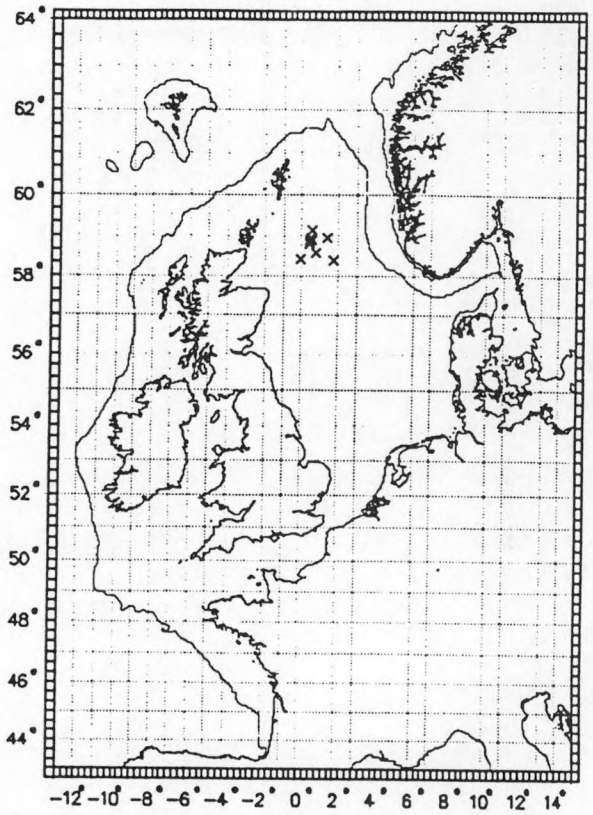
96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

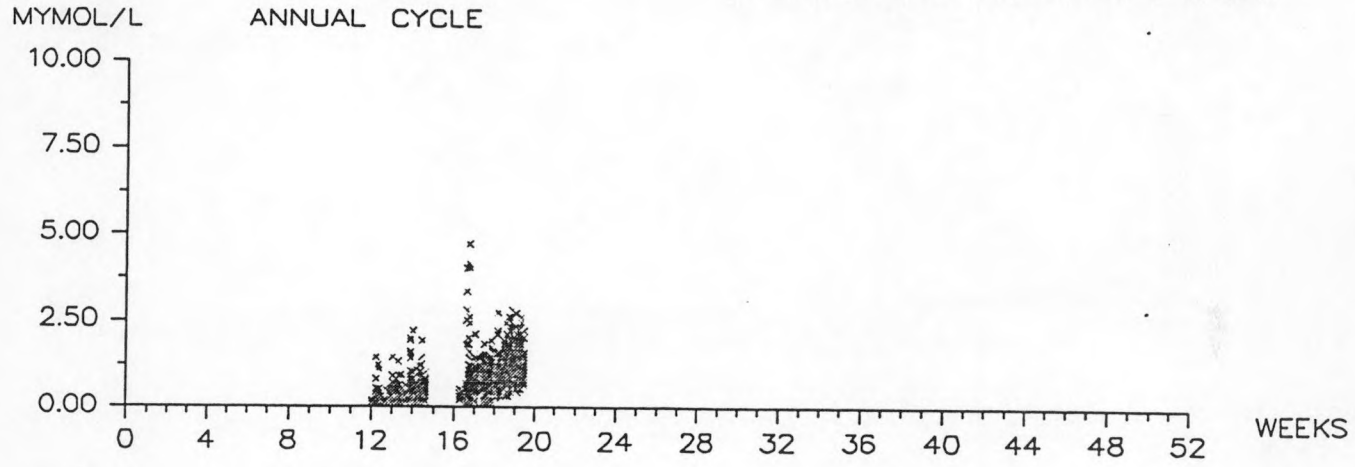
AMMONIA–N (NH4)

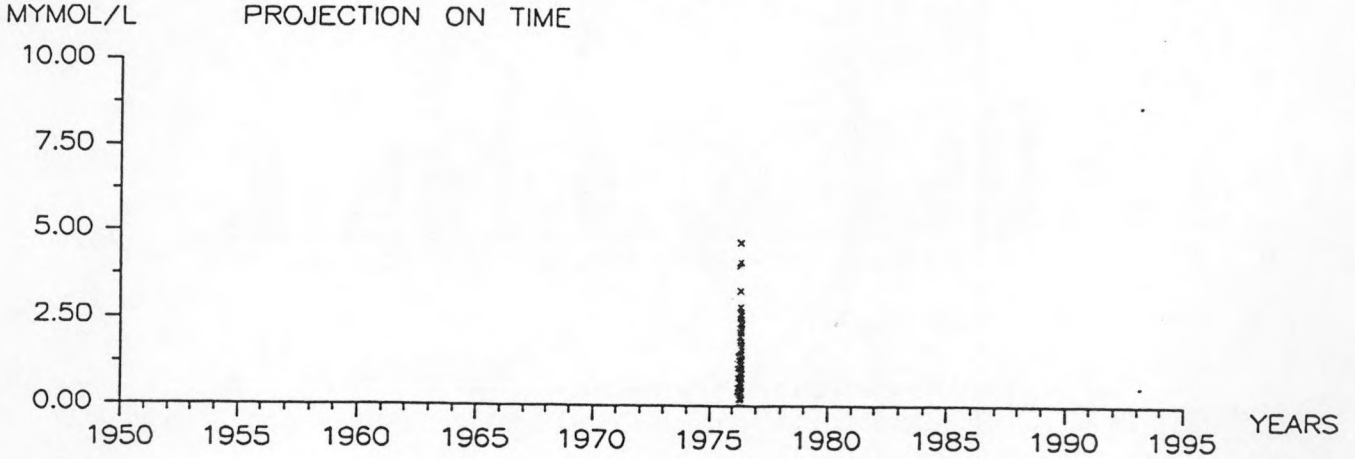
PCODE : 5005030096
ENAME : IOCB/Eberlein,K., Univ.
UNITS : MYMOL/L
NO. OF POSITIONS : 108
NO. OF DATA : 1554
MINIMUM : 0.10
MAXIMUM : 4.70



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



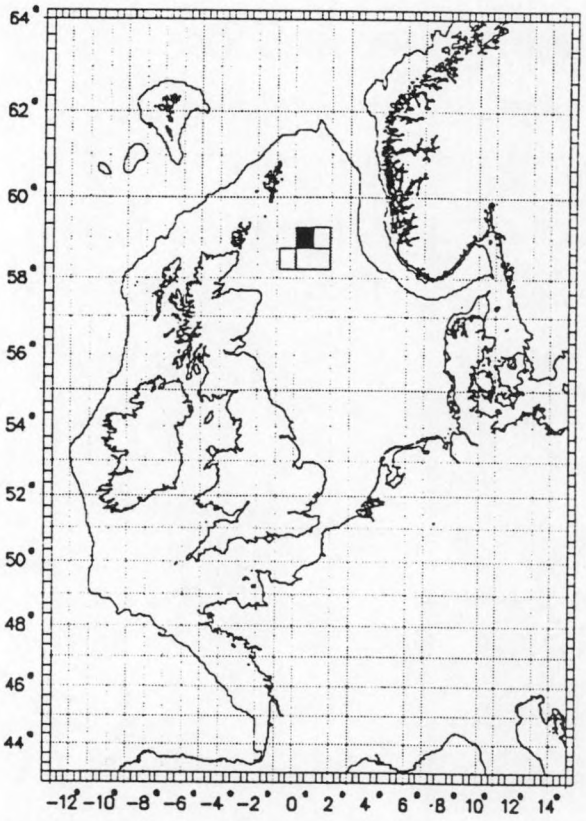


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005030096
ENAME : IOCB/Eberlein,K., Univ.
UNITS : MYMOL/L
NO. OF DATA : 1554
NO. OF POSITIONS : 108



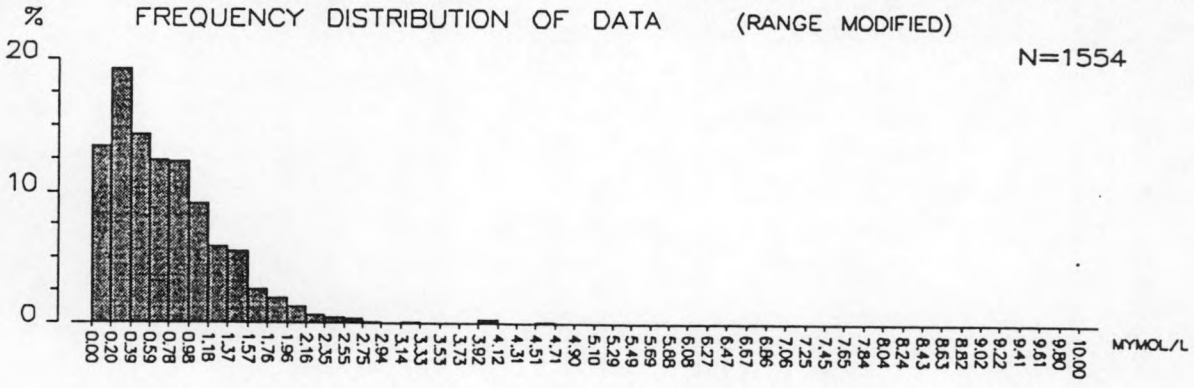
NO. OF DATA/AREA :
(without longterm data series !)

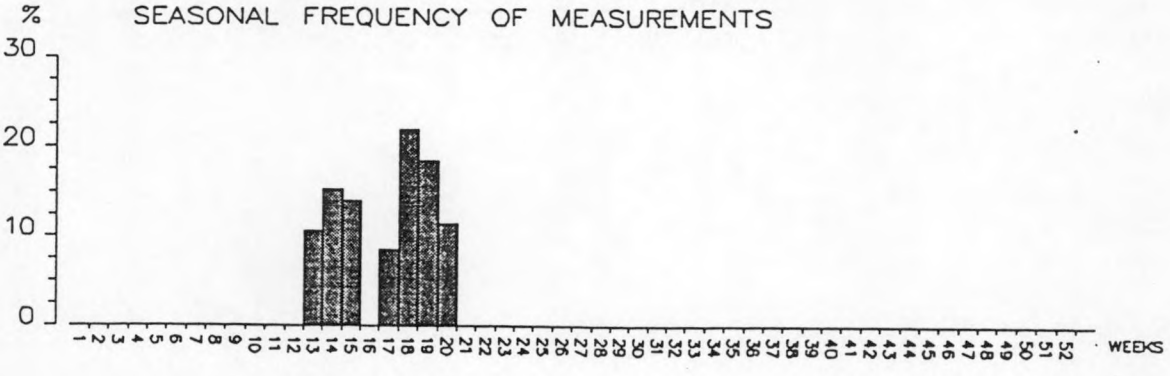
< 1500	< 642
< 1285	< 428
< 1071	< 214
< 857	= 0

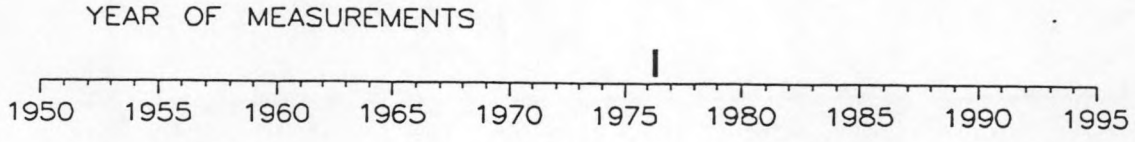
MINIMUM : 0.10
MAXIMUM : 4.70

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





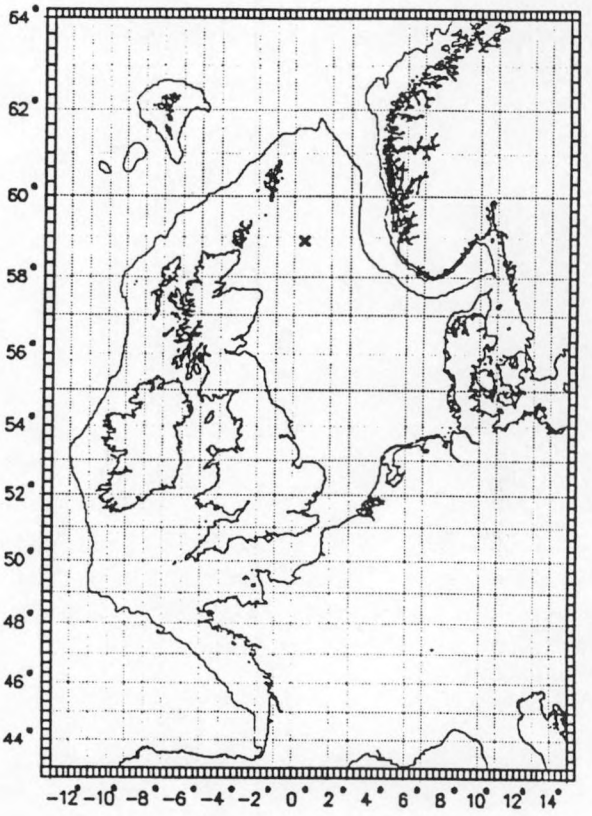


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

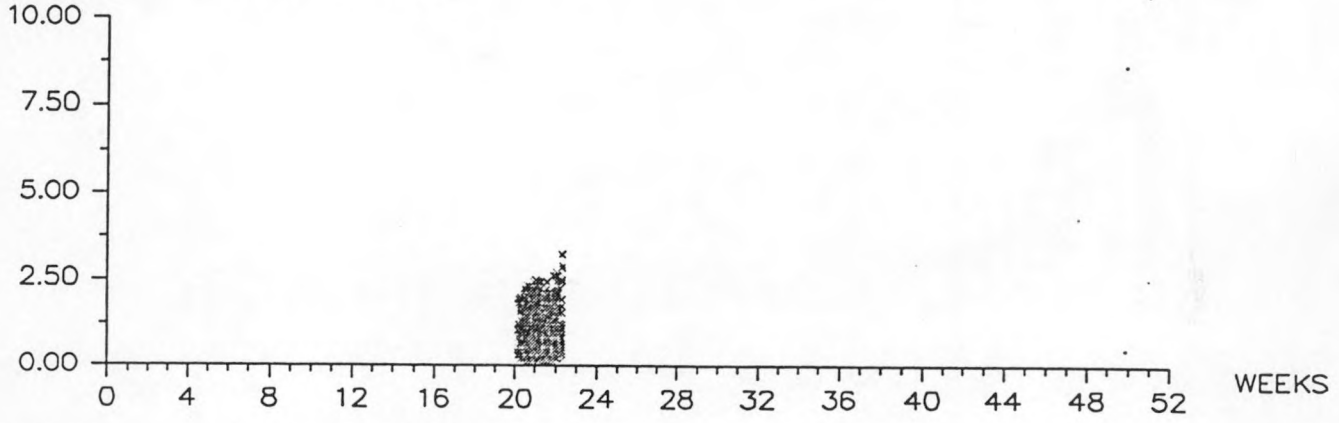
PCODE : 5005030096
ENAME : IOCB/Hammer,K. Eberlei.
UNITS : MYMOL/L
NO. OF POSITIONS : 51
NO. OF DATA : 788
MINIMUM : 0.10
MAXIMUM : 3.20



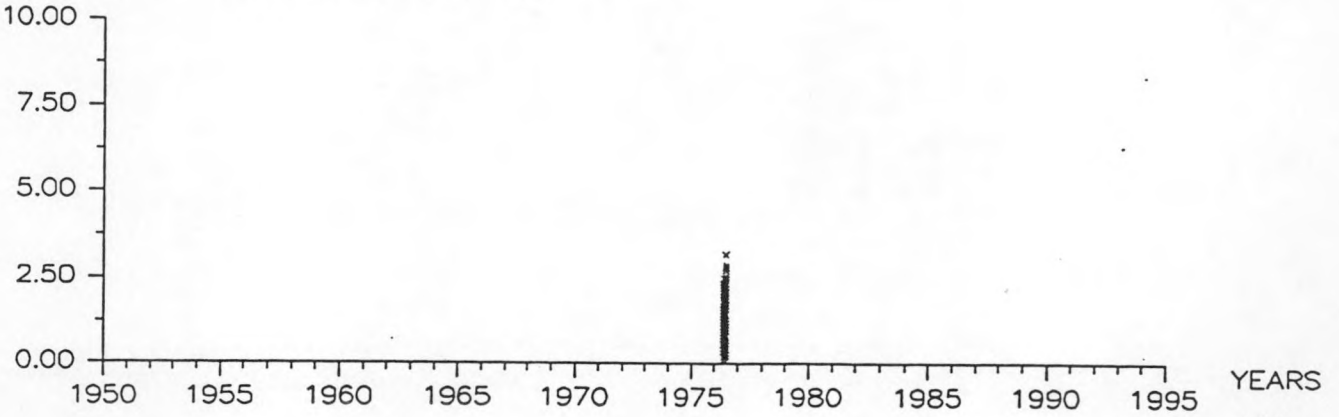
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



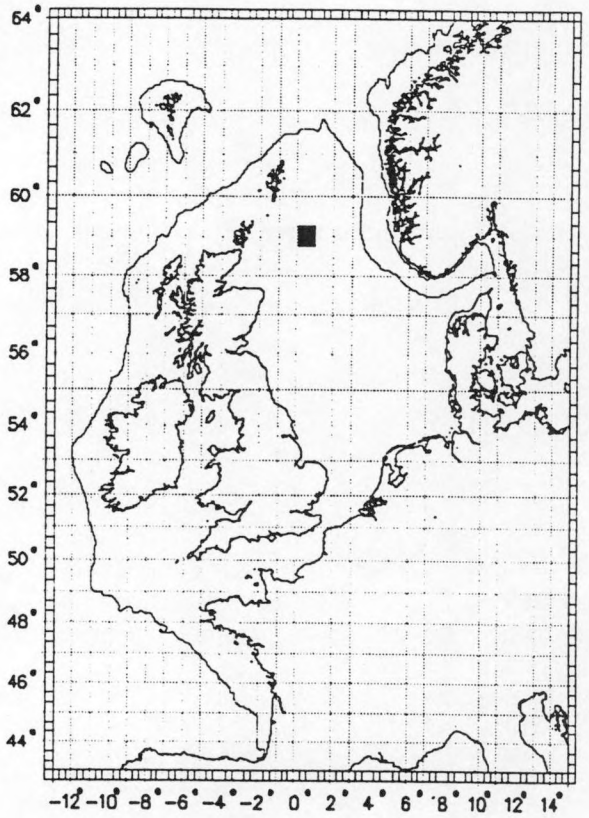
96–09–19

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005030096
ENAME : IOCB/Hammer,K. Eberlei.
UNITS : MYMOL/L
NO. OF DATA : 788
NO. OF POSITIONS : 51



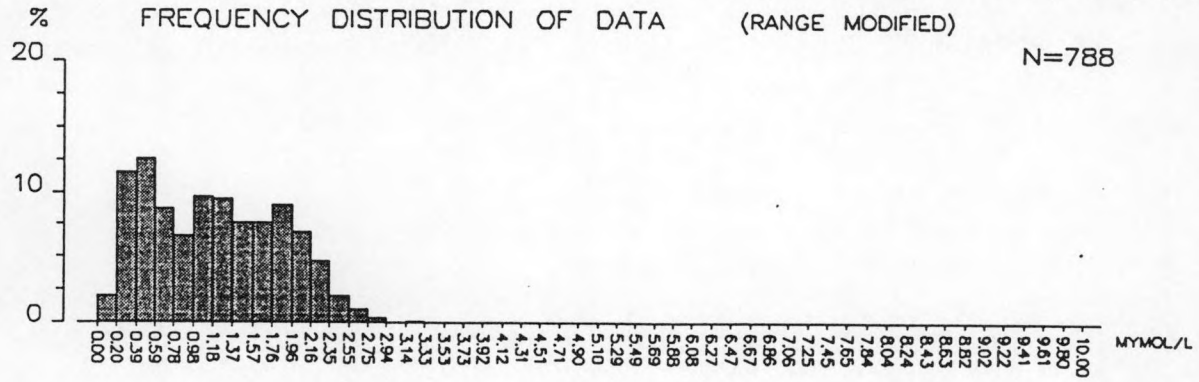
NO. OF DATA/AREA :
(without longterm data series !)

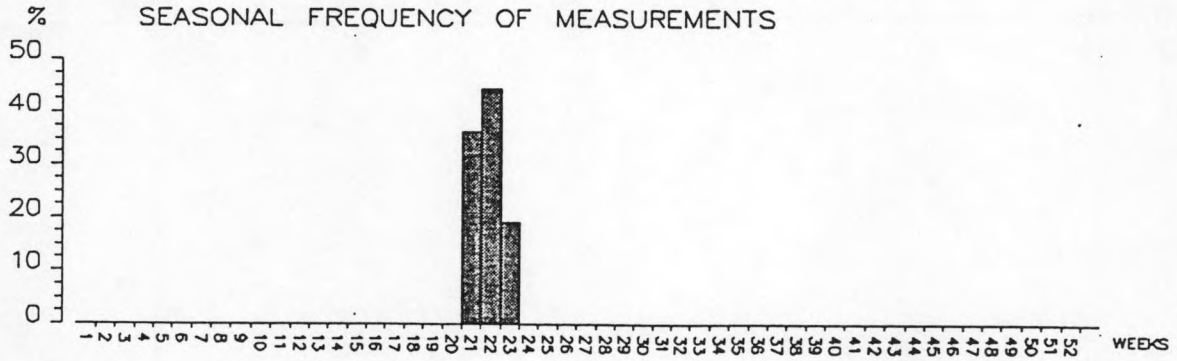
<	788	<	337
<	675	<	225
<	562	<	112
<	450	=	0

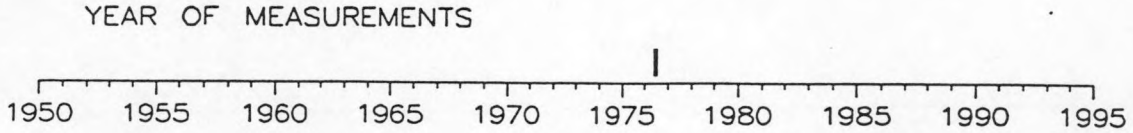
MINIMUM : 0.10
MAXIMUM : 3.20

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–09–19

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005020101

ENAME : IOW

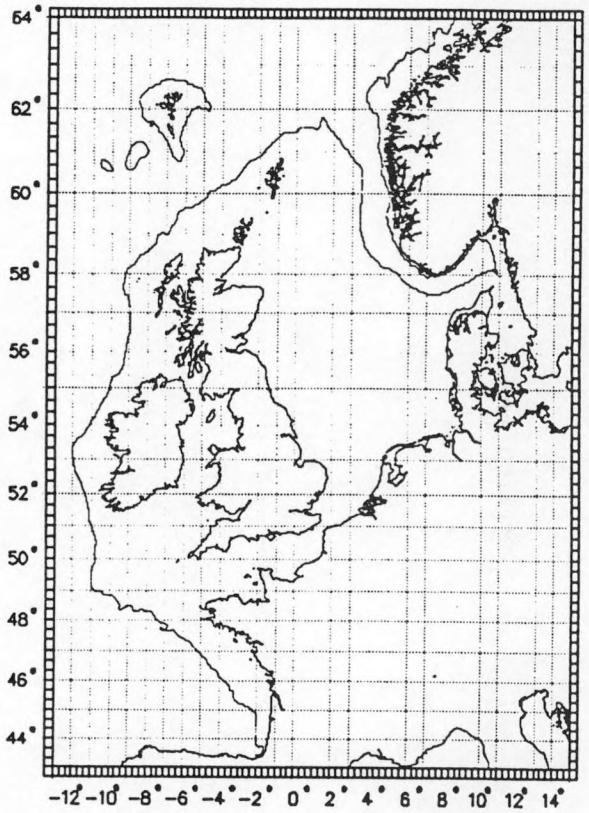
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 222

MINIMUM : 0.06

MAXIMUM : 14.57



MODIFICATIONS

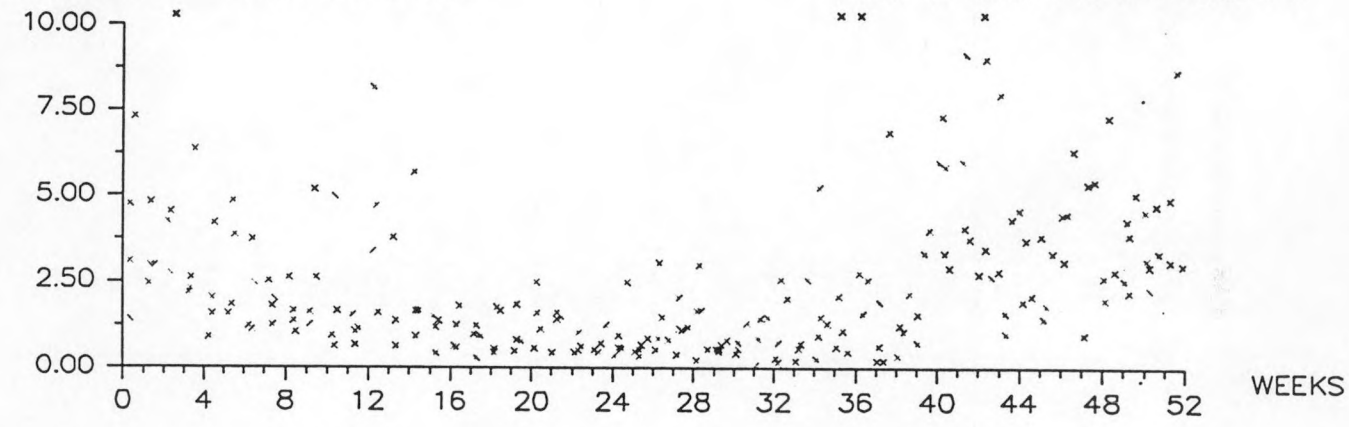
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0
LOWER : 2000

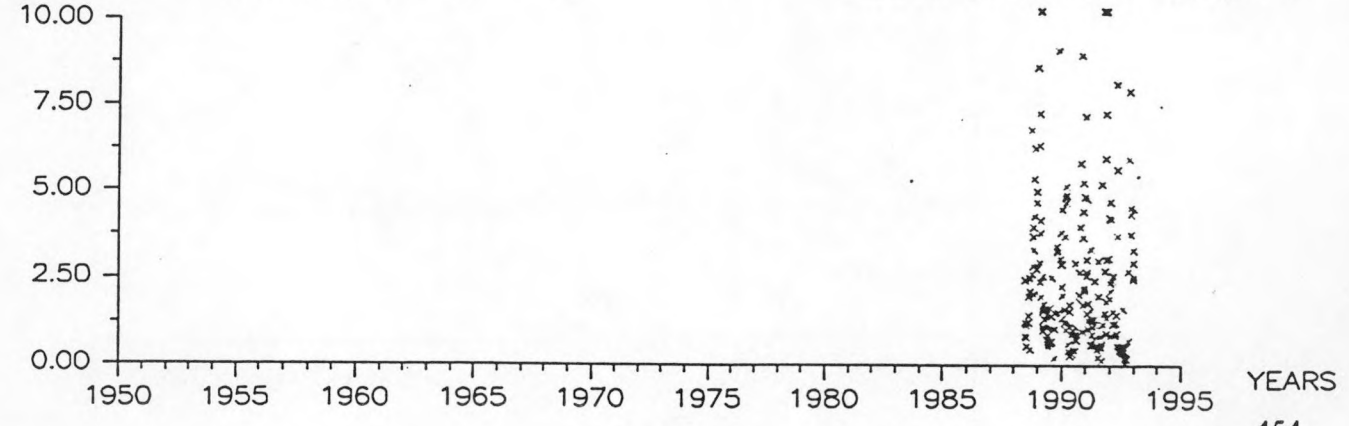
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 4



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 4



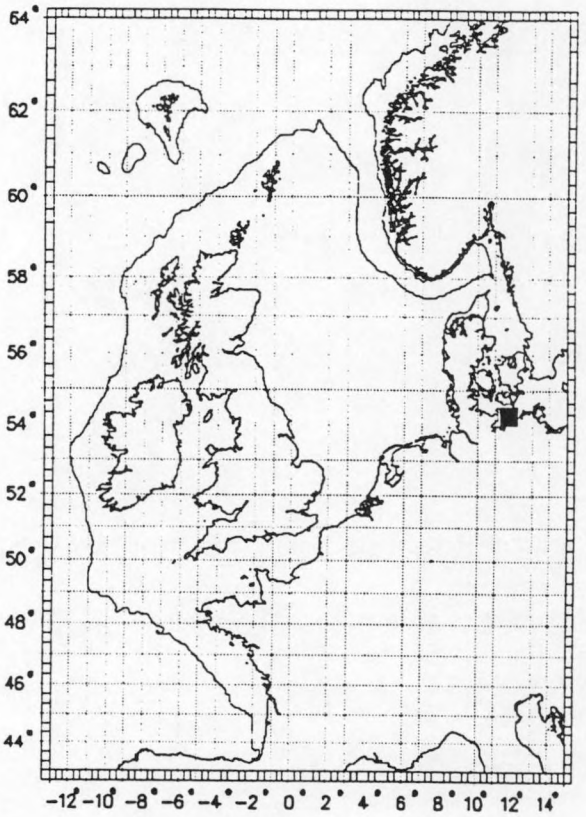
96–09–19

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005020101
ENAME : IOW
UNITS : MYMOL/L
NO. OF DATA : 222
NO. OF POSITIONS : 1



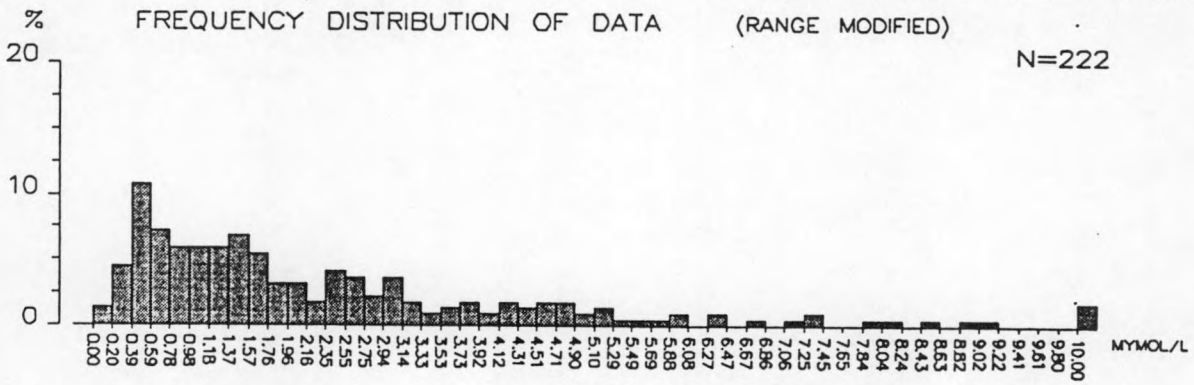
NO. OF DATA/AREA :
(without longterm data series !)

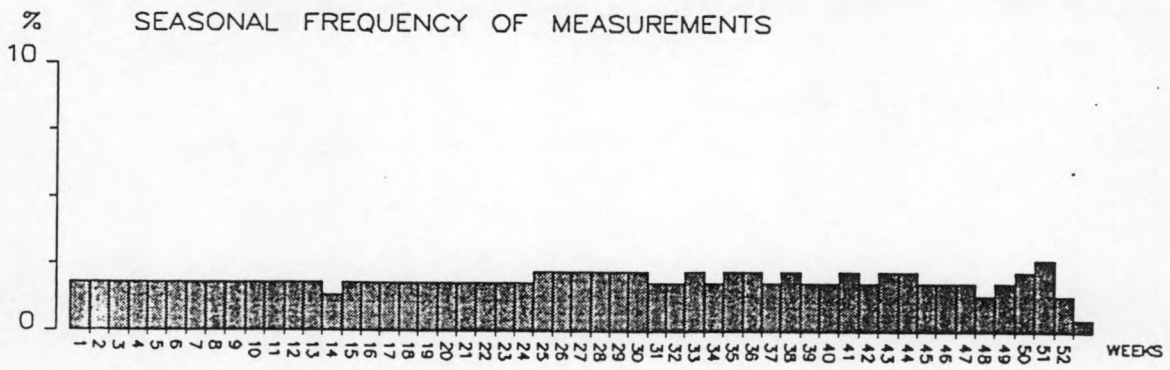
< 222	< 95
< 190	< 63
< 158	< 31
< 126	= 0

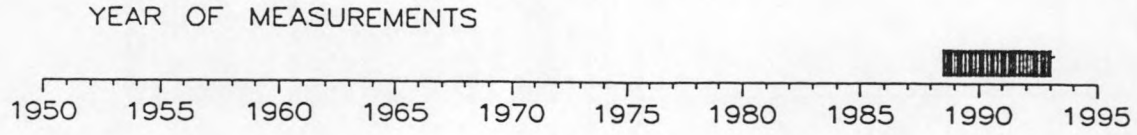
MINIMUM : 0.06
MAXIMUM : 14.57

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005030095

ENAME : IOW

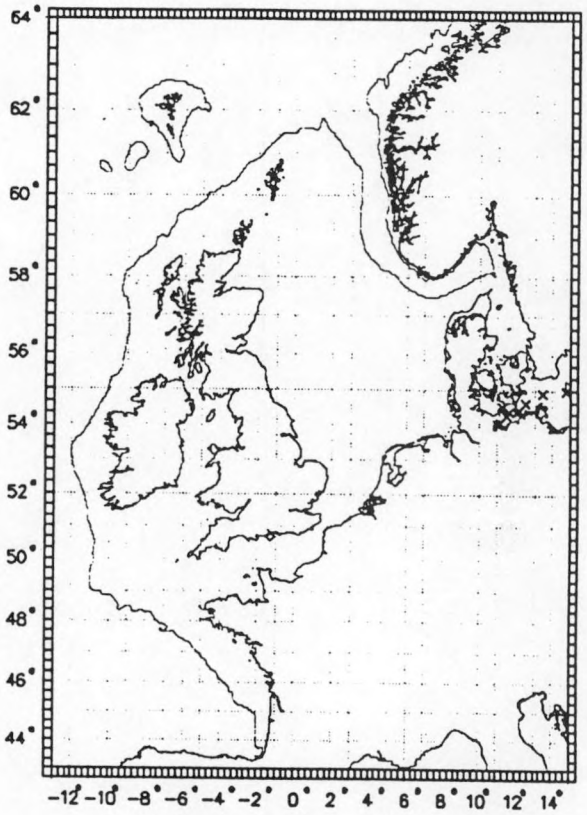
UNITS : MYMOL/L

NO. OF POSITIONS : 10

NO. OF DATA : 15492

MINIMUM : 0.00

MAXIMUM : 44.61



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

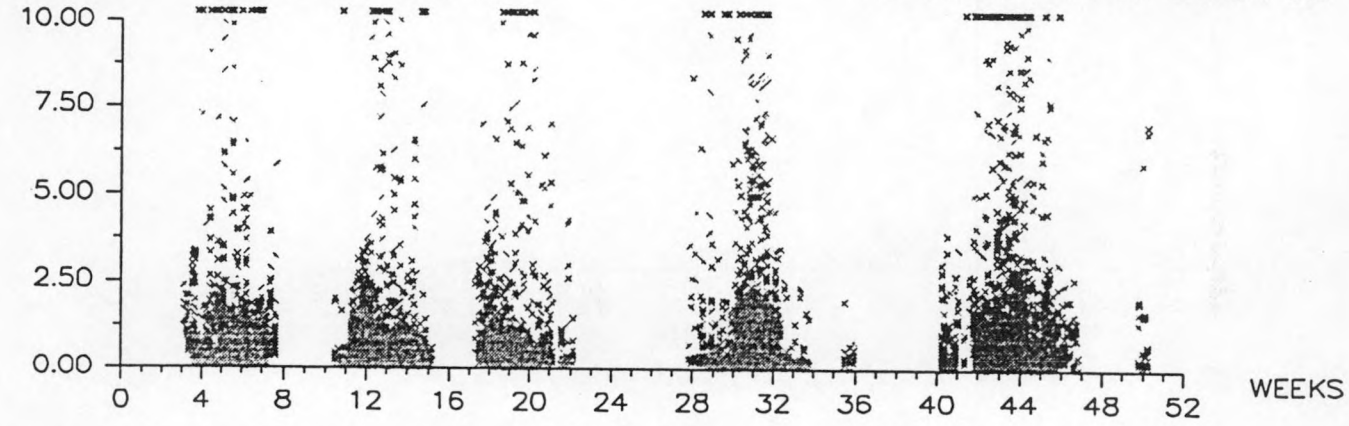
DEPTH–RANGE

UPPER : 0

LOWER : 2000

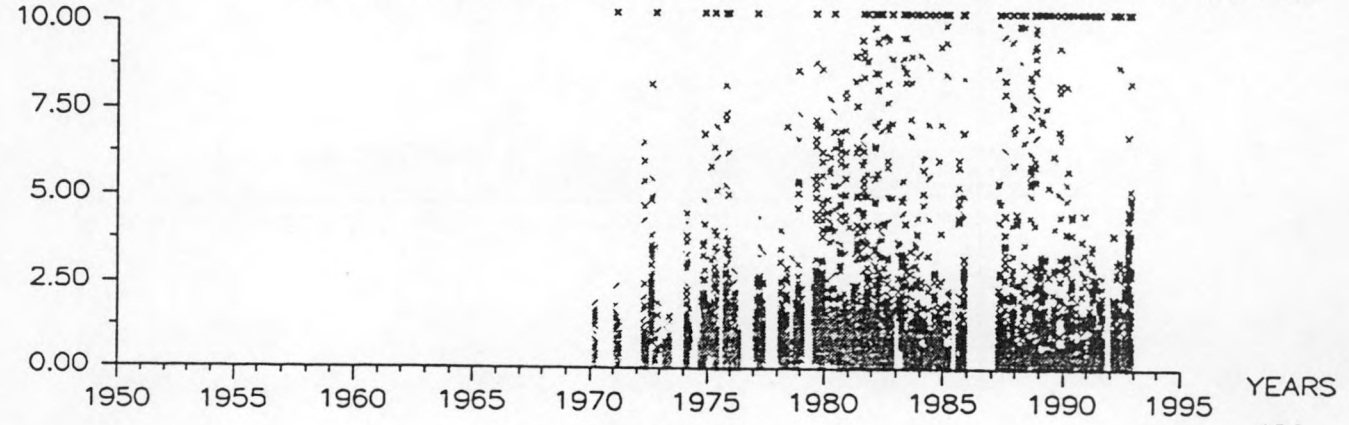
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 204



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 204

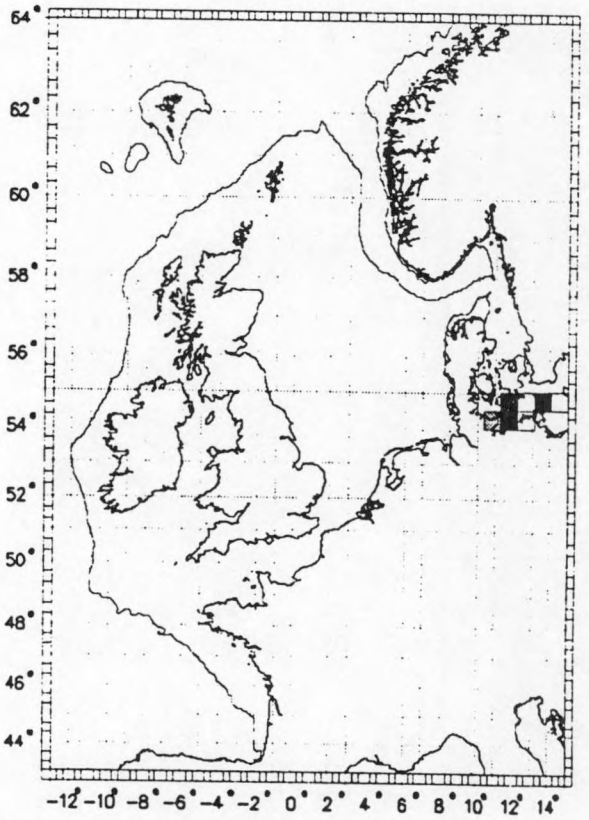


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005030095
ENAME : IOW
UNITS : MYMOL/L
NO. OF DATA : 15492
NO. OF POSITIONS : 10



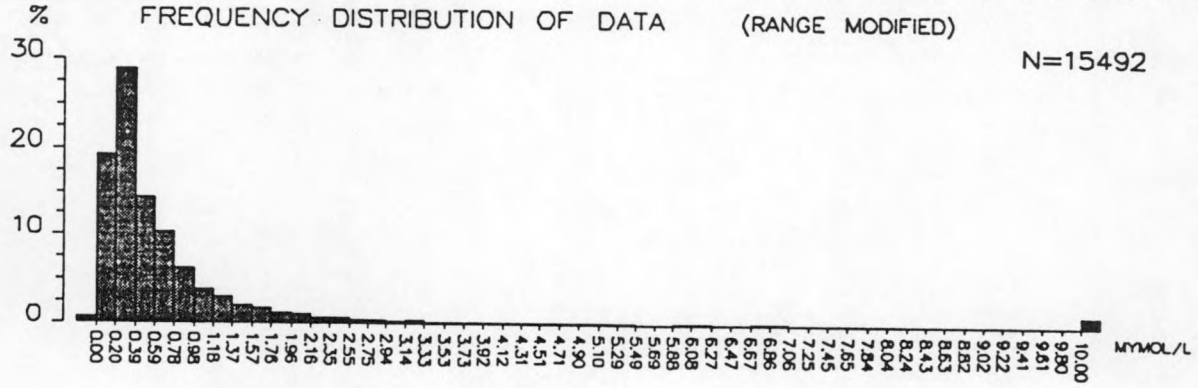
NO. OF DATA/AREA :
(without longterm data series !)

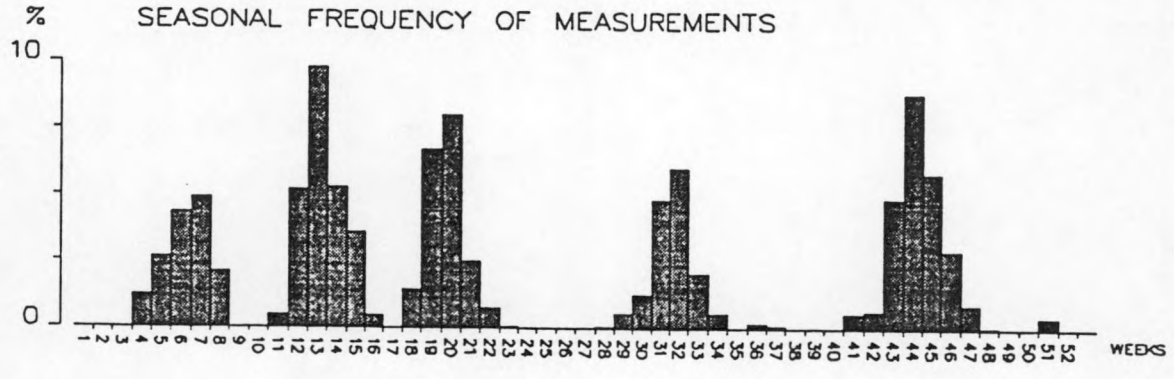
<	6956	<	2981
<	5962	<	1987
<	4968	<	993
<	3974	=	0

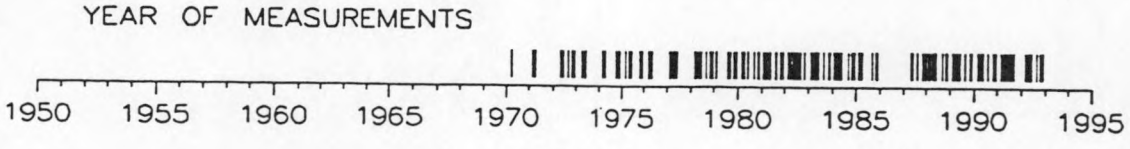
MINIMUM : 0.00
MAXIMUM : 44.61

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005101401

ENAME : LAC / Decadt, G.

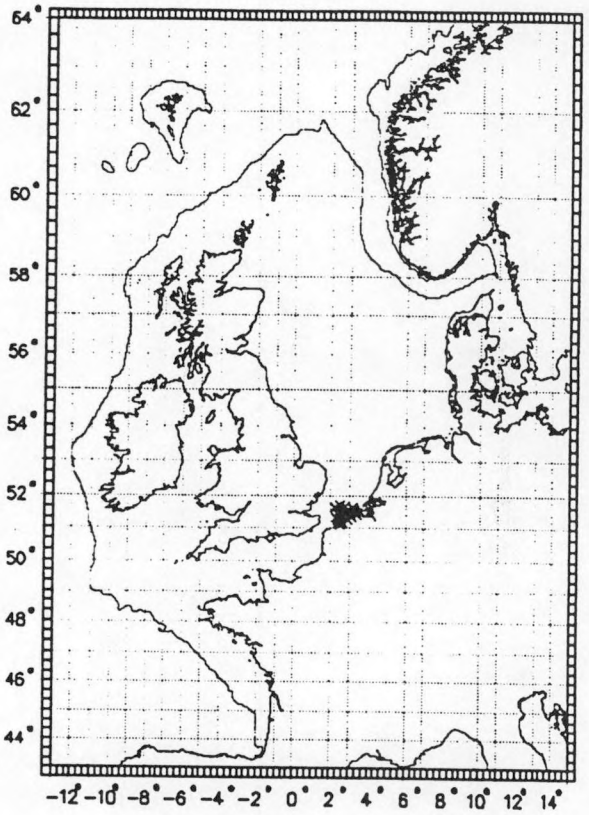
UNITS : MYMOL/L

NO. OF POSITIONS : 23

NO. OF DATA : 556

MINIMUM : 0.20

MAXIMUM : 29.60



MODIFICATIONS

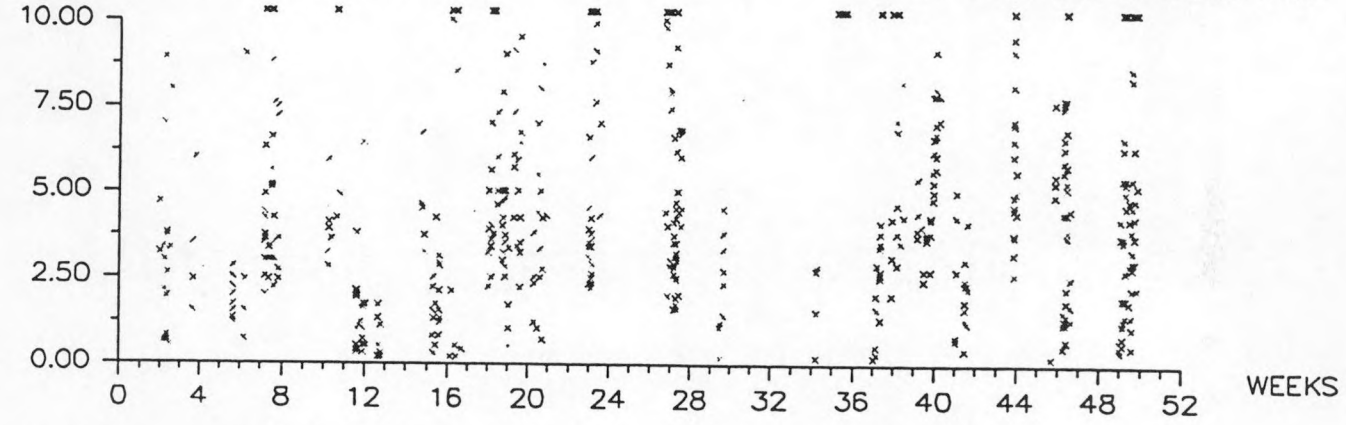
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0
LOWER : 2000

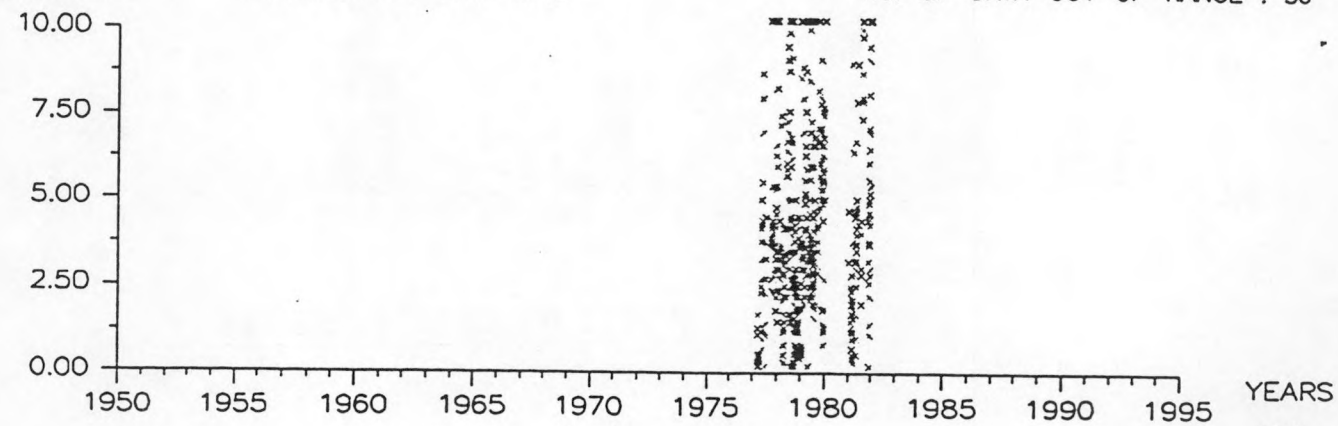
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 56



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 56

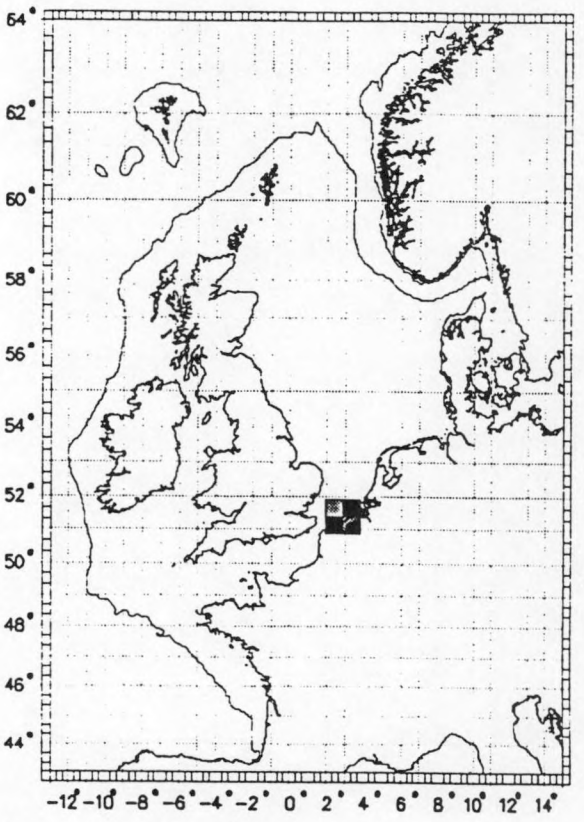


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005101401
ENAME : LAC / Decadt, G.
UNITS : MYMOL/L
NO. OF DATA : 556
NO. OF POSITIONS : 23



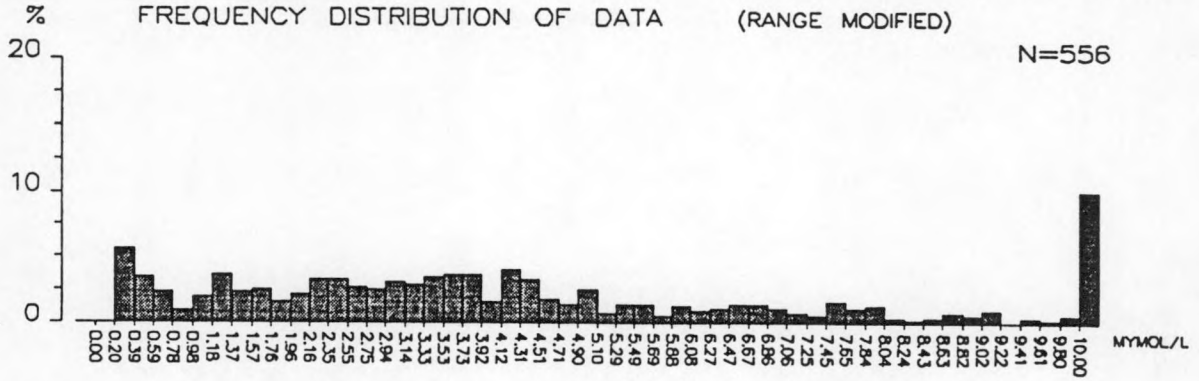
NO. OF DATA/AREA :
(without longterm data series !)

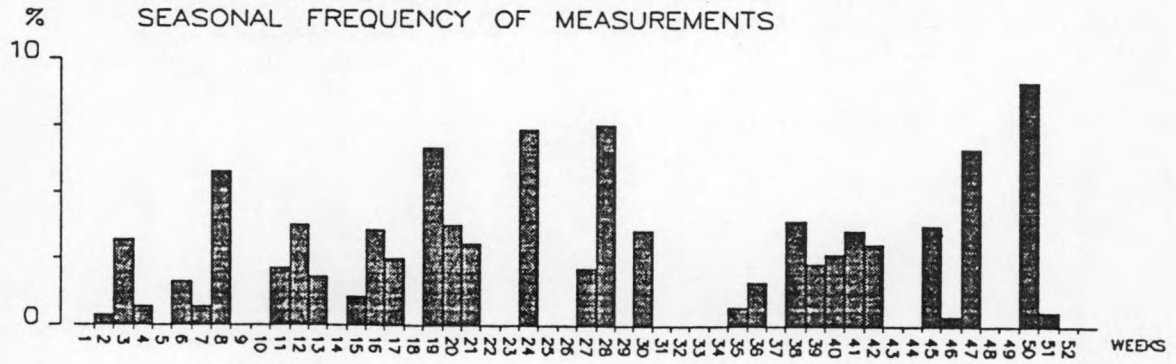
< 224	< 96
< 192	< 64
< 160	< 32
< 128	= 0

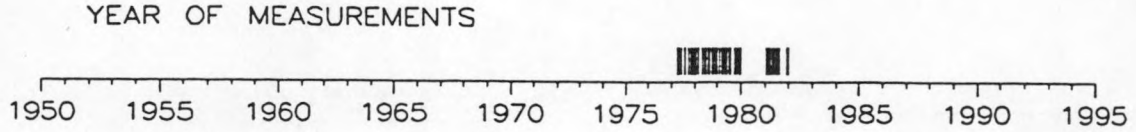
MINIMUM : 0.20
MAXIMUM : 29.60

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







97–06–12

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005035101

ENAME : MBA/Southward, A.J.

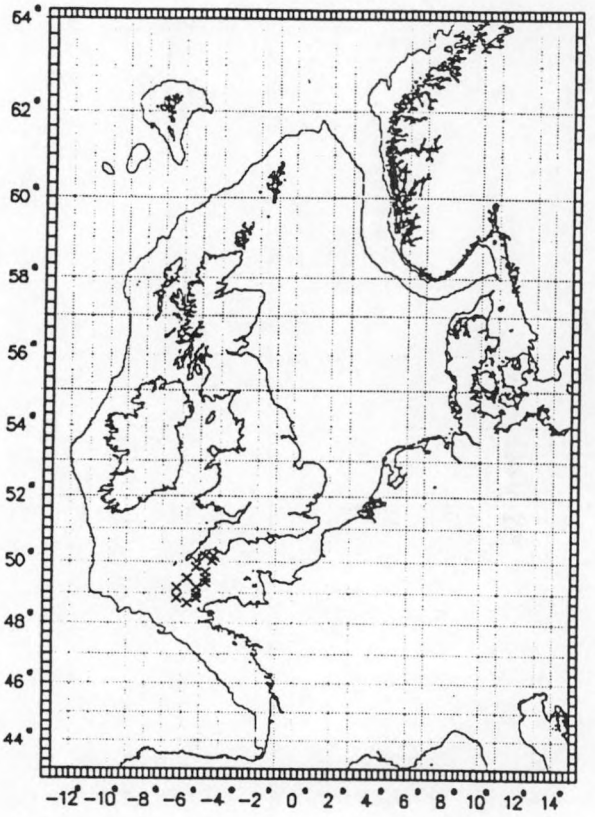
UNITS : MYMOL/L

NO. OF POSITIONS : 14

NO. OF DATA : 588

MINIMUM : 0.05

MAXIMUM : 7.07



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

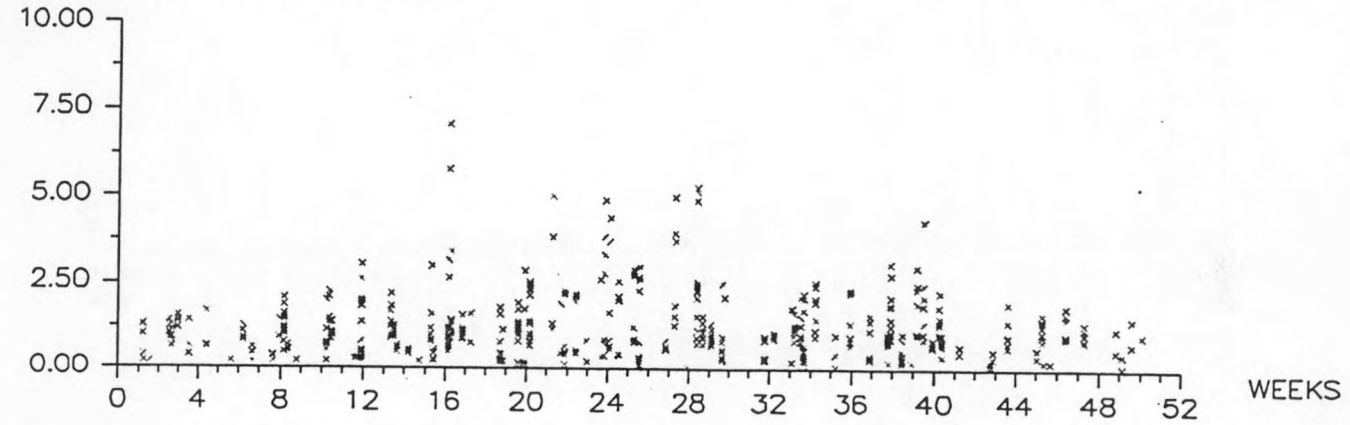
LAST WEEK : 53

DEPTH–RANGE

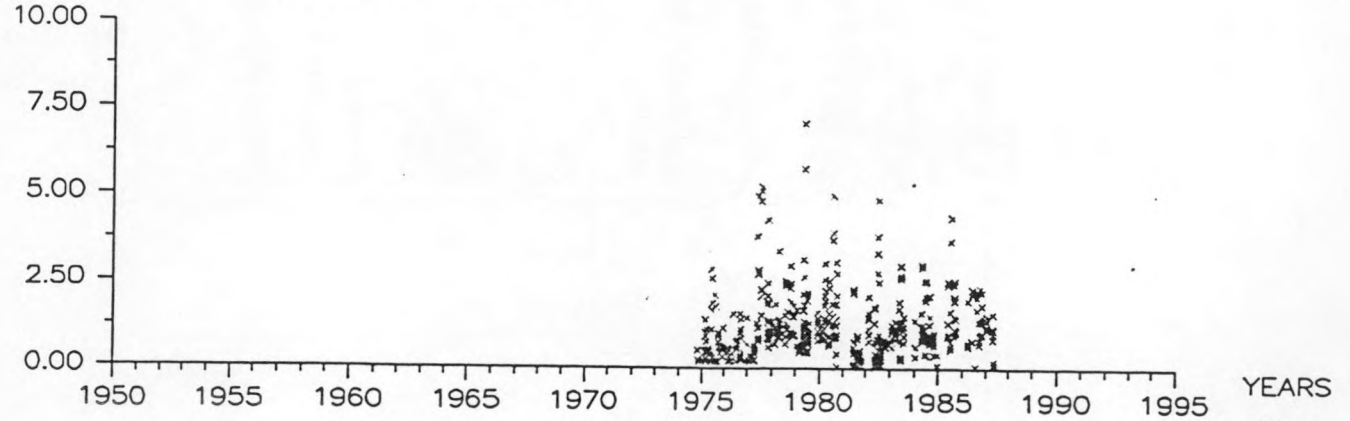
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



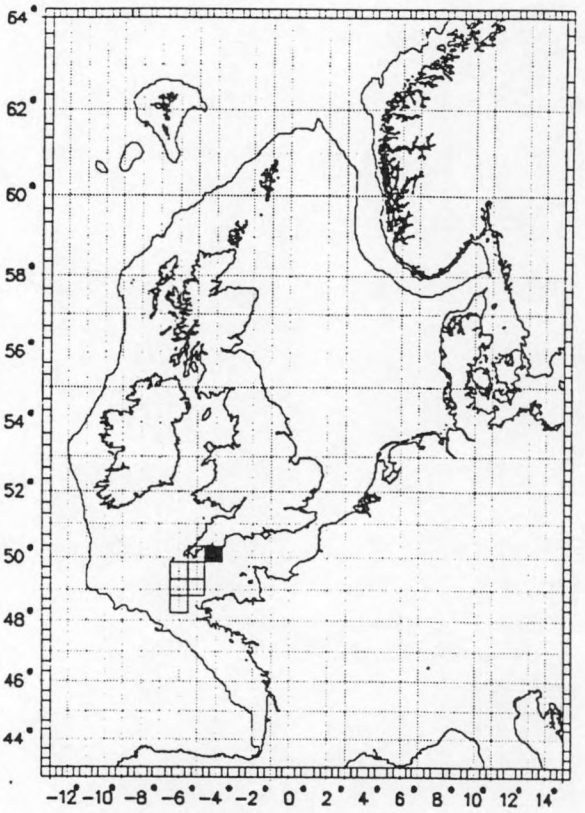
96–09–19

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005035101
ENAME : MBA/Southward, A.J.
UNITS : MYMOL/L
NO. OF DATA : 588
NO. OF POSITIONS : 14



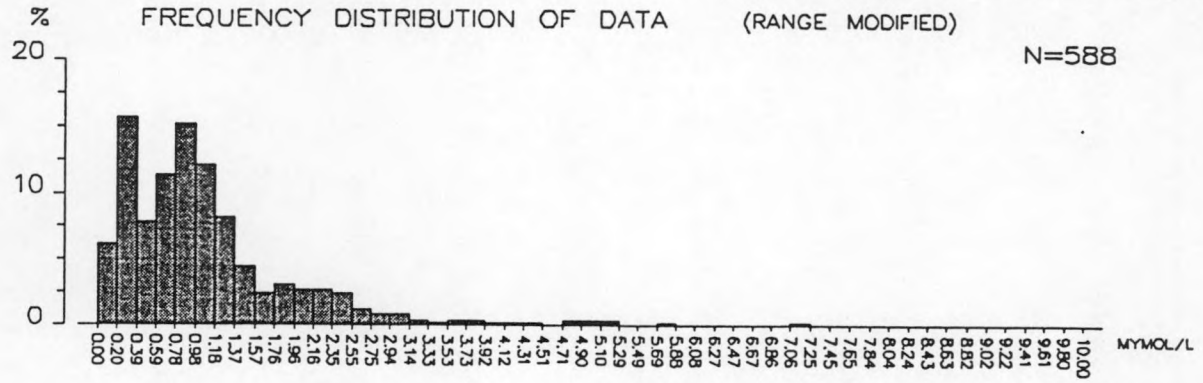
NO. OF DATA/AREA :
(without longterm data series !)

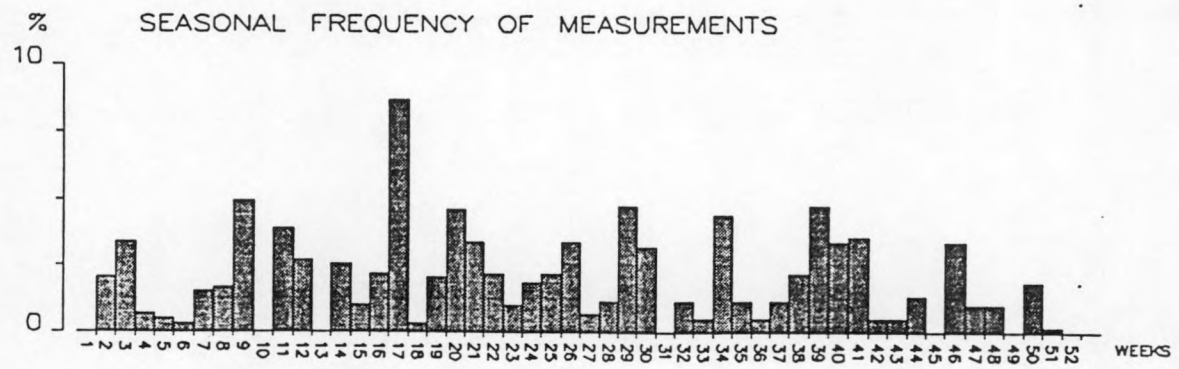
< 519	< 222
< 444	< 148
< 370	< 74
< 296	= 0

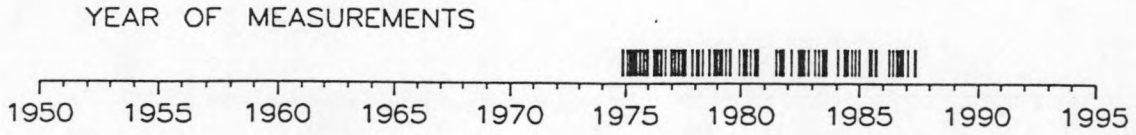
MINIMUM : 0.05
MAXIMUM : 7.07

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





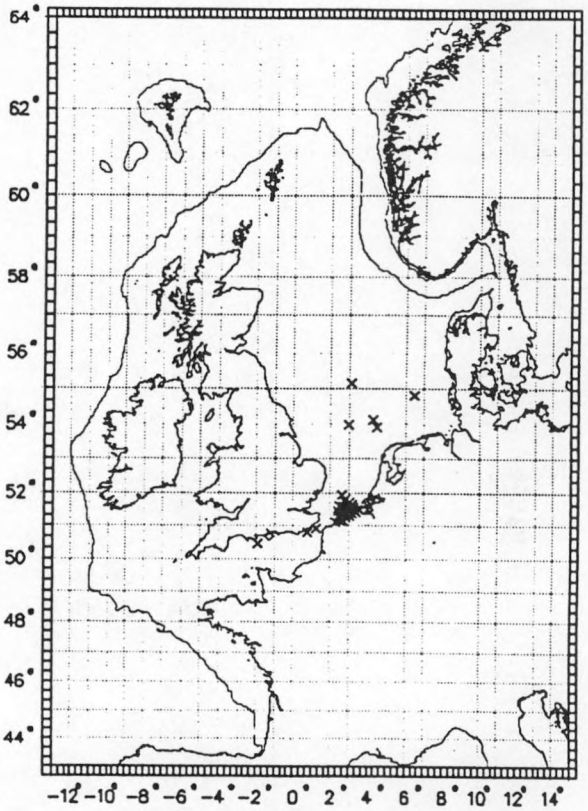


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

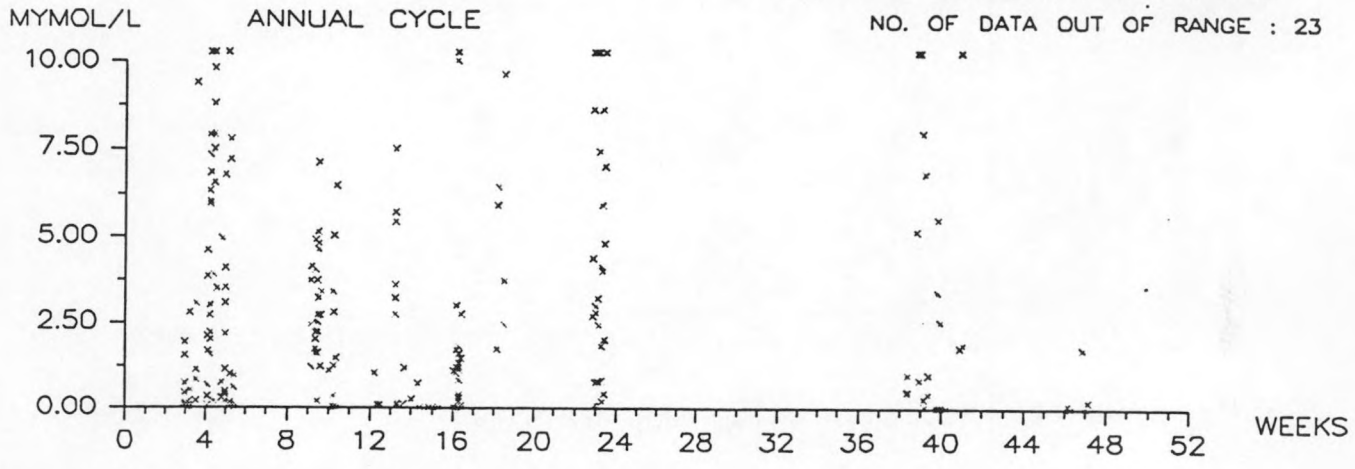
PCODE : 5005101901
ENAME : MUMM (OOST)
UNITS : MYMOL/L
NO. OF POSITIONS : 41
NO. OF DATA : 261
MINIMUM : 0.01
MAXIMUM : 41.02

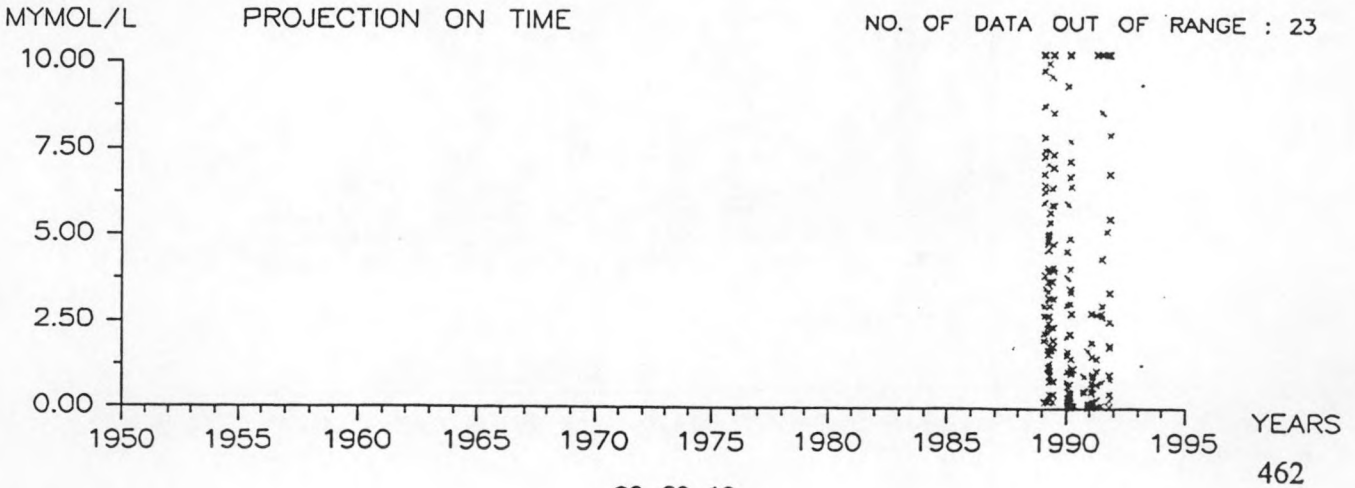


NO. OF DATA OUT OF RANGE : 23

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





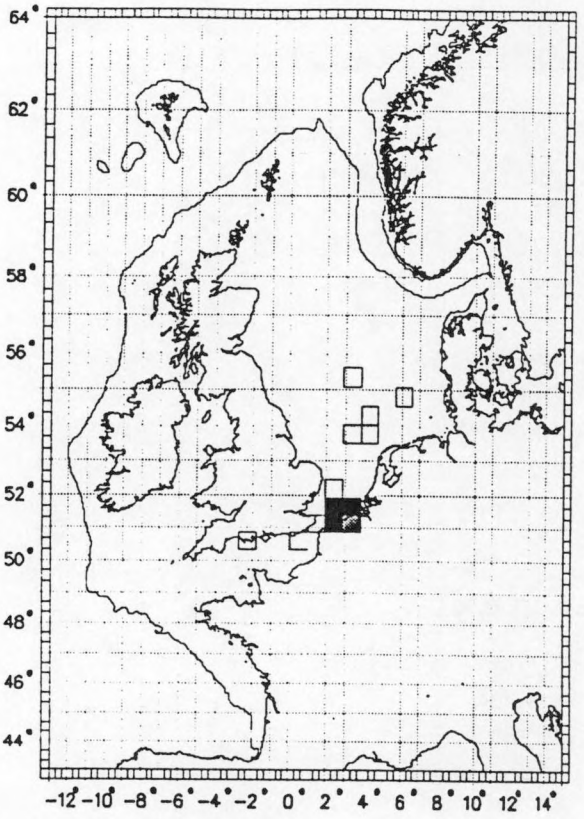
96–09–19

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005101901
ENAME : MUMM (OOST)
UNITS : MYMOL/L
NO. OF DATA : 261
NO. OF POSITIONS : 41



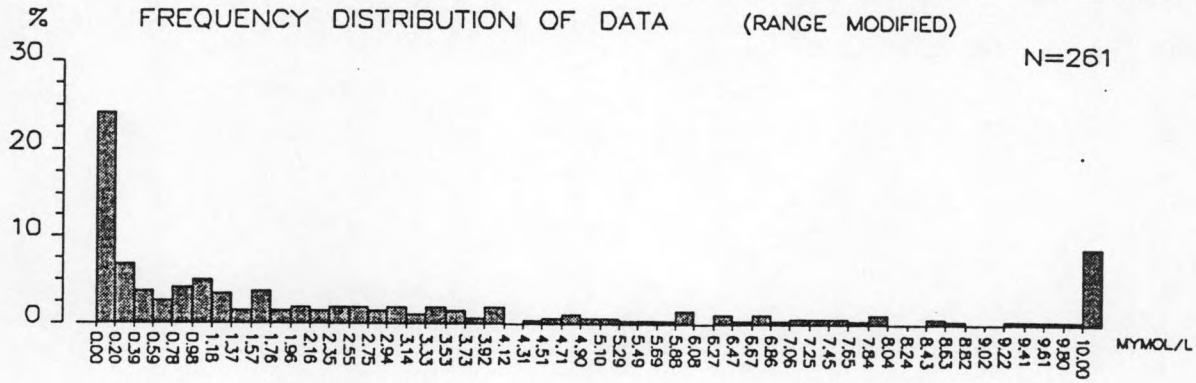
NO. OF DATA/AREA :
(without longterm data series !)

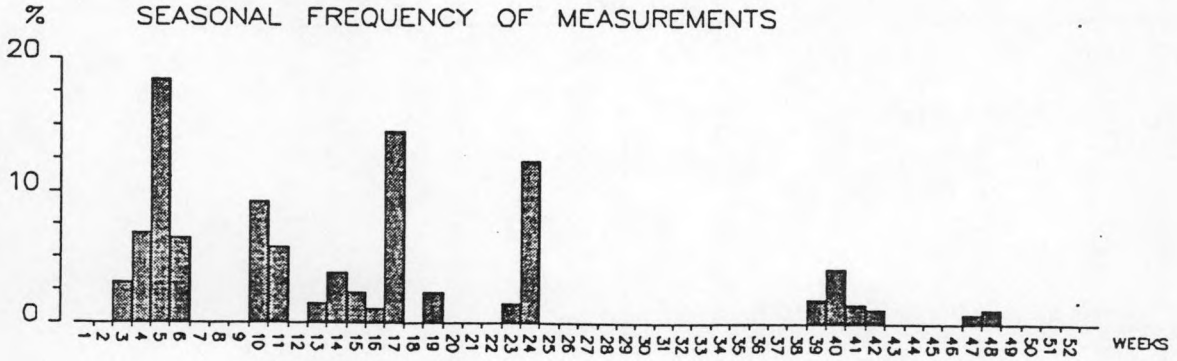
< 71	< 30
< 60	< 20
< 50	< 10
< 40	= 0

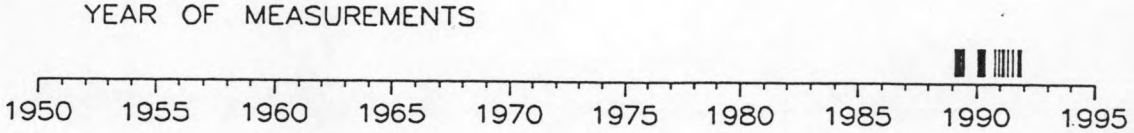
MINIMUM : 0.01
MAXIMUM : 41.02

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005015001

ENAME : Slinn, D.J. and Allen,.

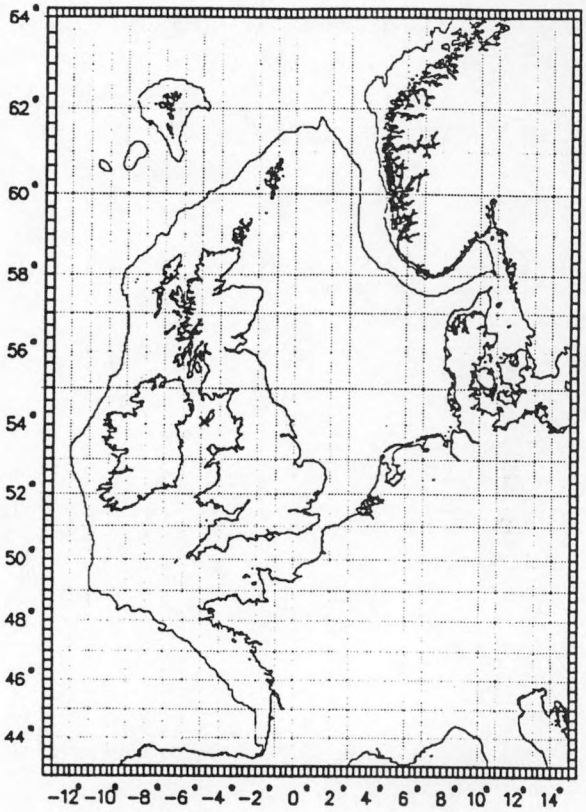
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 89

MINIMUM : 0.00

MAXIMUM : 3.28



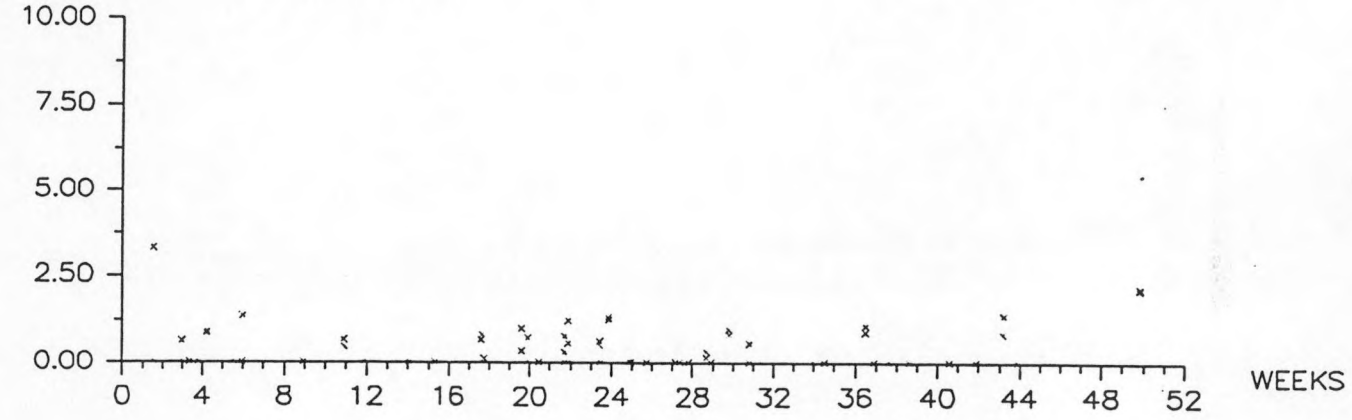
MODIFICATIONS

TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

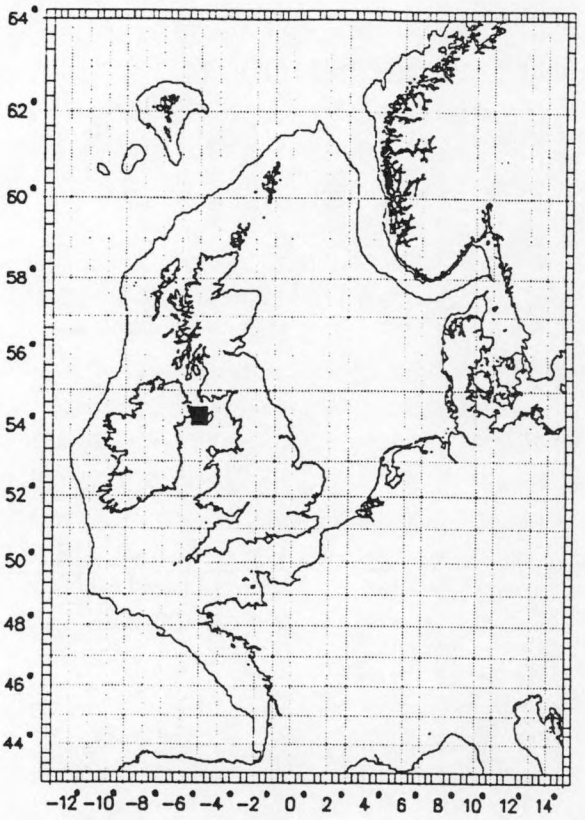


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005015001
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 89
NO. OF POSITIONS : 1



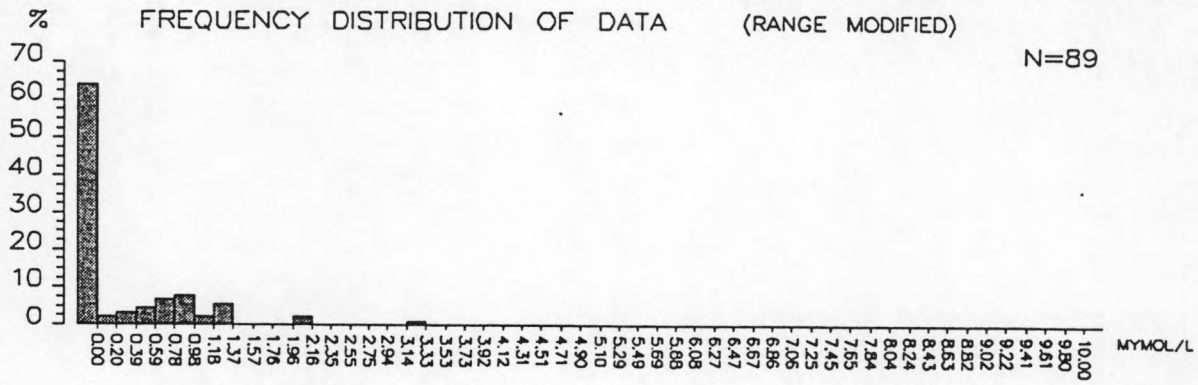
NO. OF DATA/AREA :
(without longterm data series !)

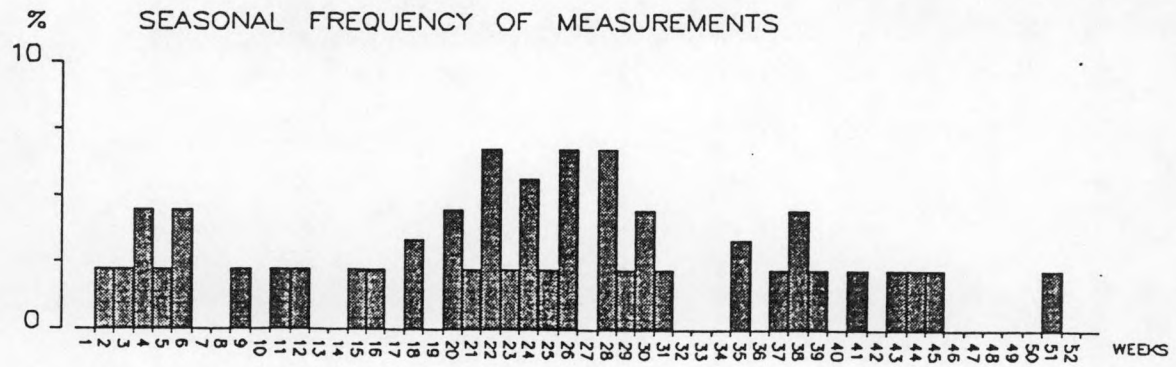
< 89	< 38
< 76	< 25
< 63	< 12
< 50	= 0

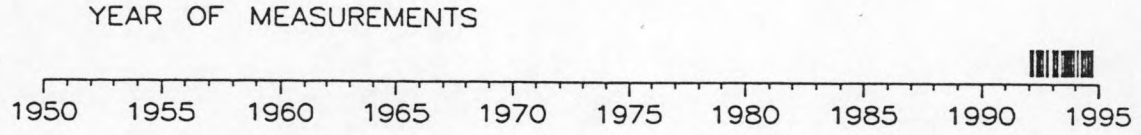
MINIMUM : 0.00
MAXIMUM : 3.28

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





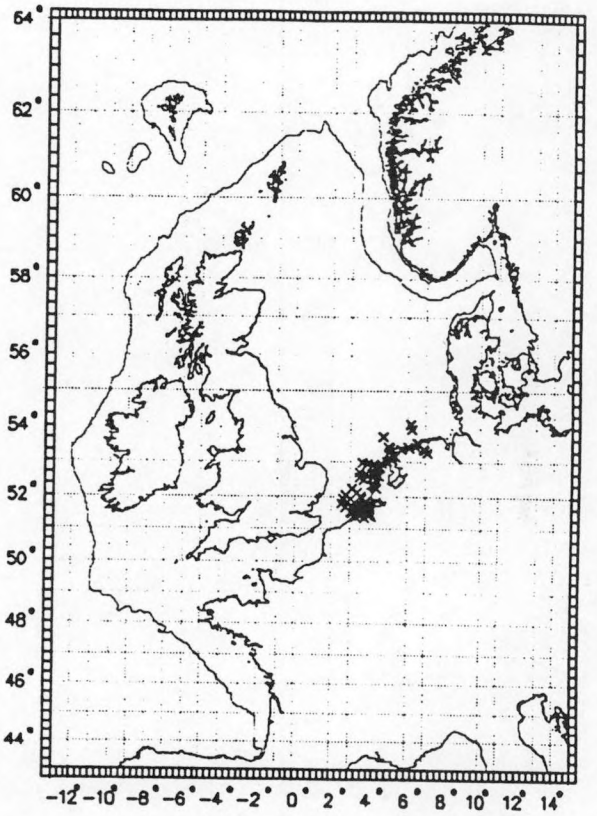


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005010001
ENAME : RWS / Laane, R.
UNITS : MYMOL/L
NO. OF POSITIONS : 81
NO. OF DATA : 12090
MINIMUM : 0.71
MAXIMUM : 756.78

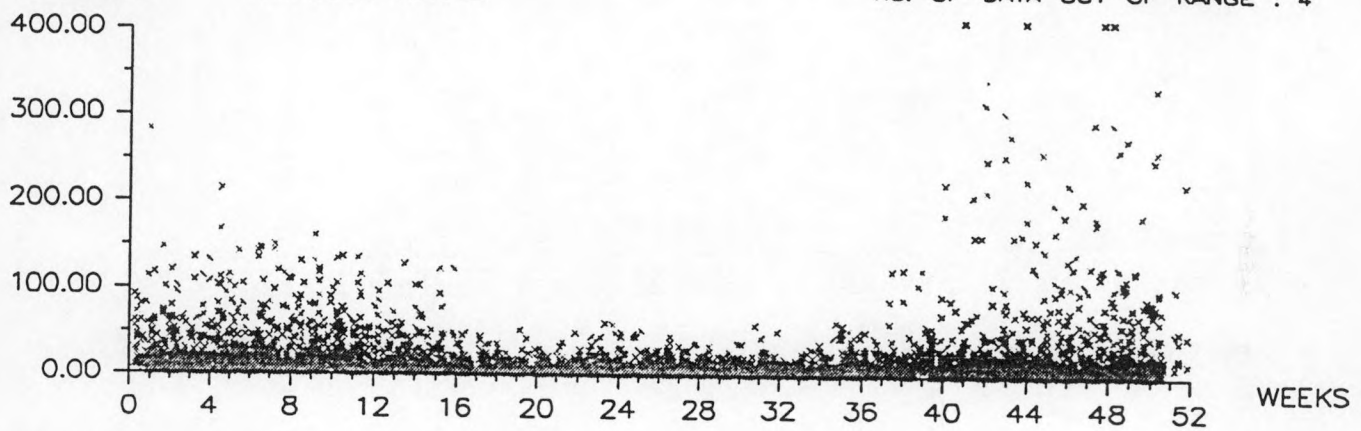


NO. OF DATA OUT OF RANGE : 4

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

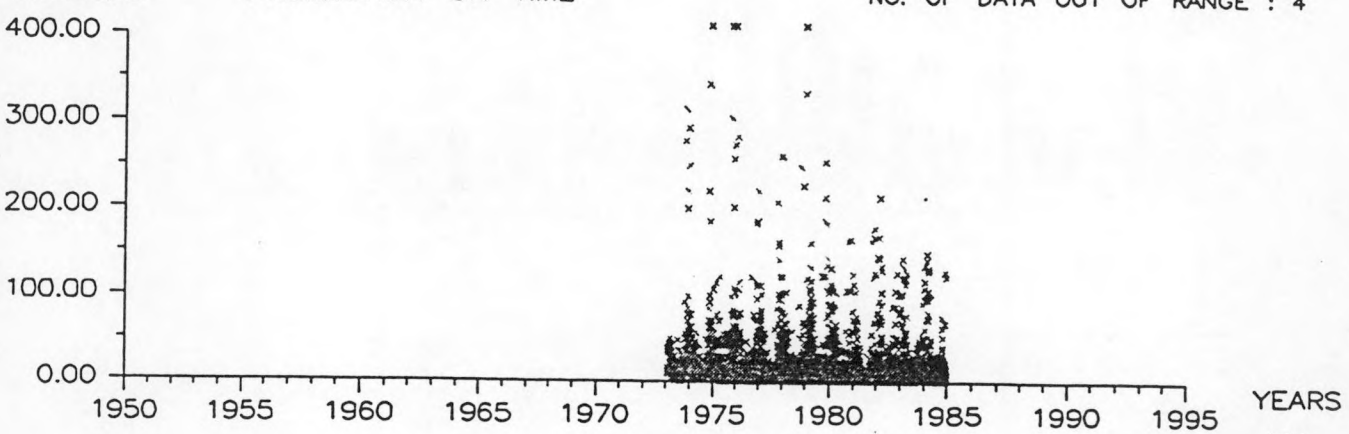
DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 4



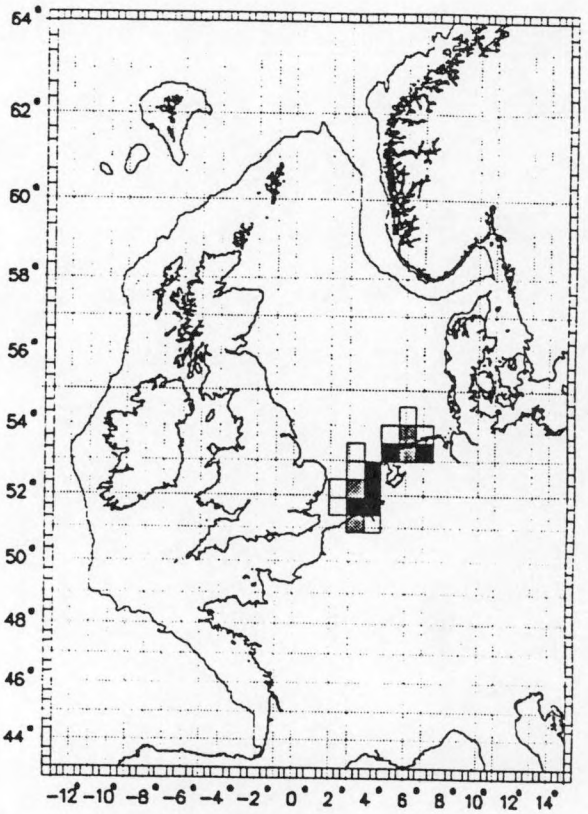
97–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005010001
ENAME : RWS / Laane, R.
UNITS : MYMOL/L
NO. OF DATA : 12090
NO. OF POSITIONS : 81



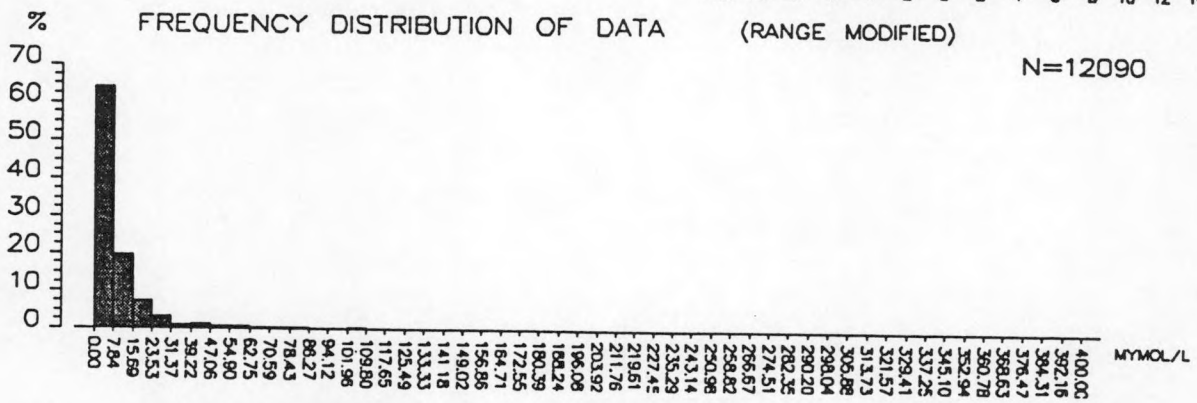
NO. OF DATA/AREA :
(without longterm data series !)

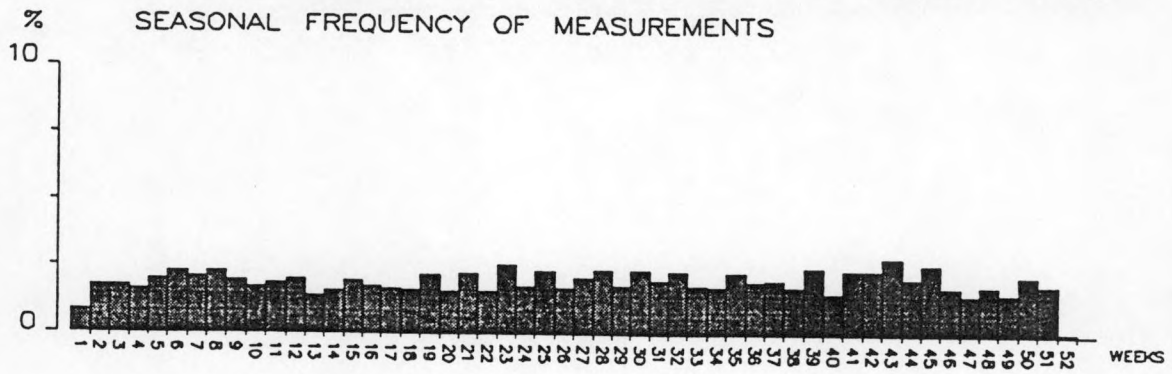
< 2275	< 975
< 1950	< 650
< 1625	< 325
< 1300	= 0

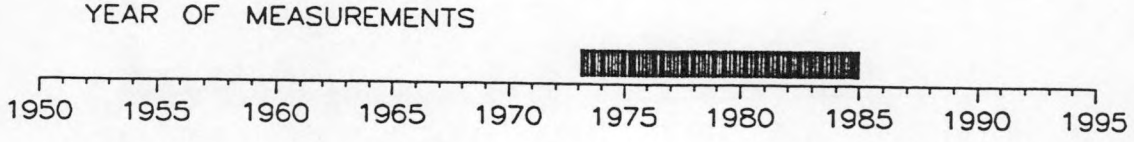
MINIMUM : 0.71
MAXIMUM : 756.78

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







97–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005012401

ENAME : RWS / Laane, R.

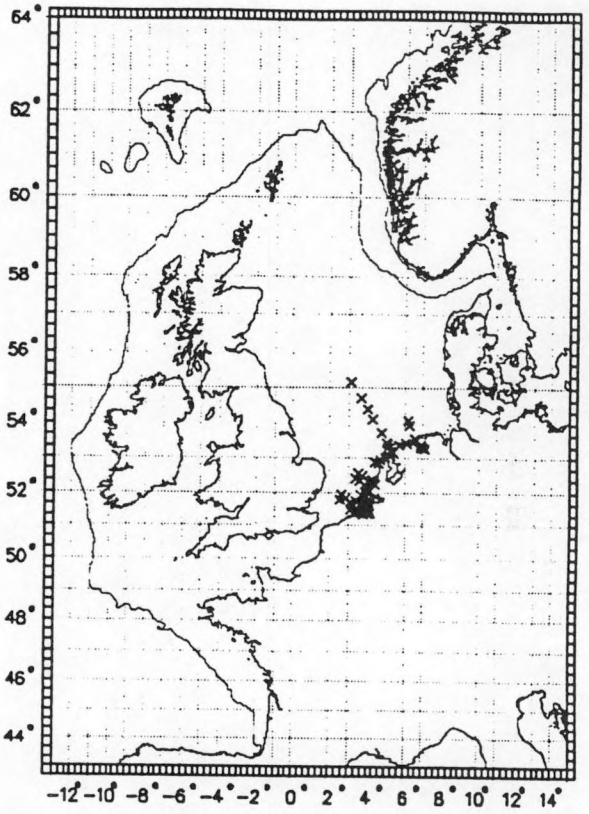
UNITS : MYMOL/L

NO. OF POSITIONS : 75

NO. OF DATA : 8145

MINIMUM : 0.29

MAXIMUM : 265.59



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

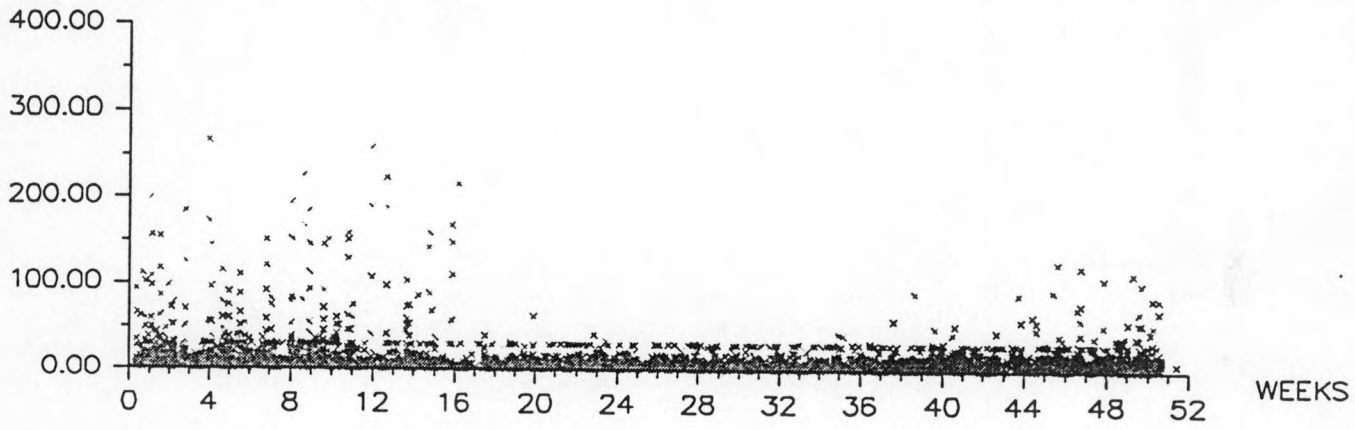
LAST WEEK : 53

DEPTH–RANGE

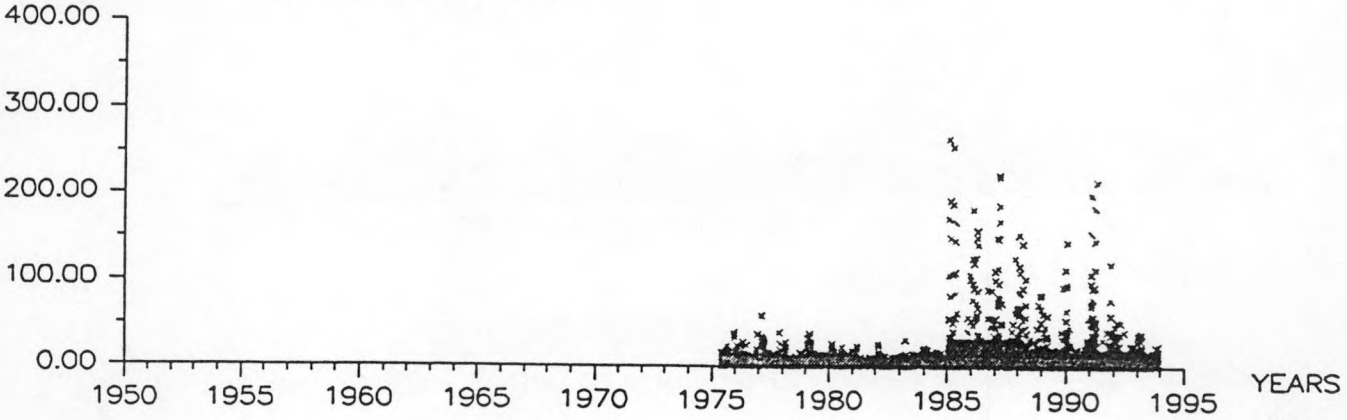
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

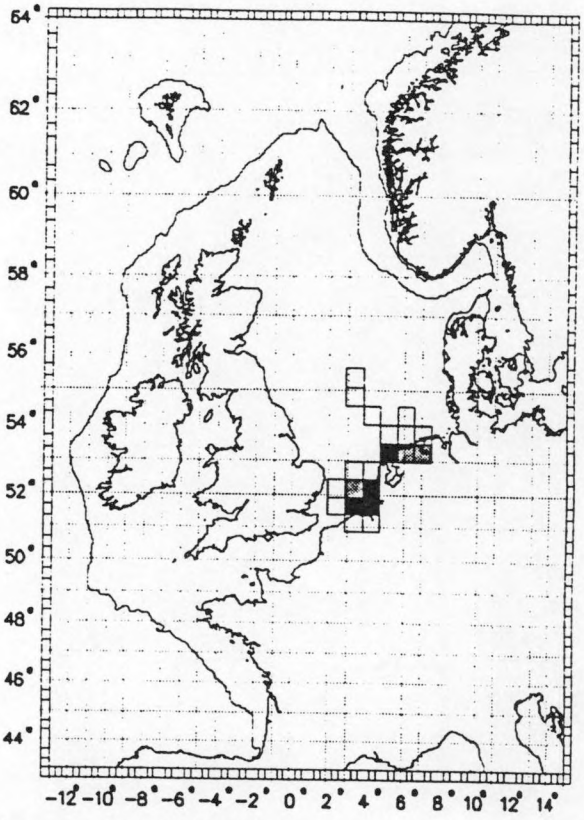


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005012401
ENAME : RWS / Laane, R.
UNITS : MYMOL/L
NO. OF DATA : 8145
NO. OF POSITIONS : 75



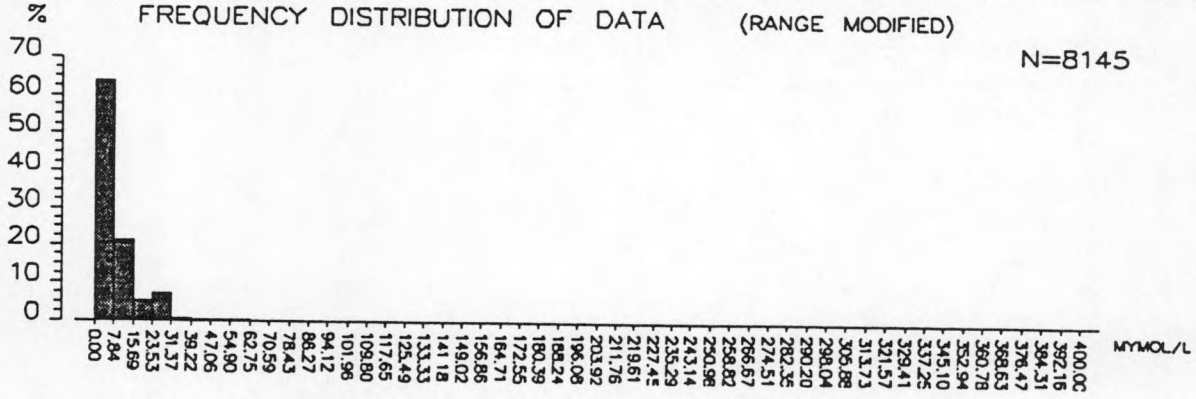
NO. OF DATA/AREA :
(without longterm data series !)

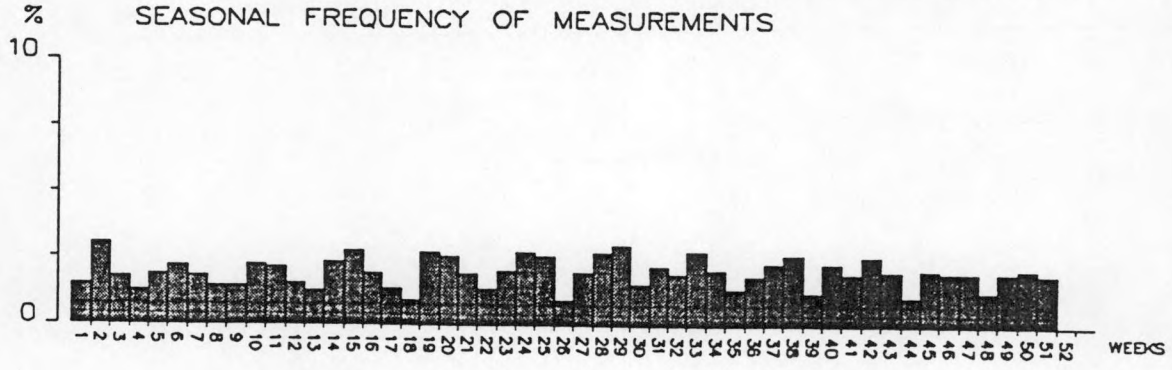
< 2269	< 972
< 1944	< < < 648
< 1620	324
< 1296	= 0

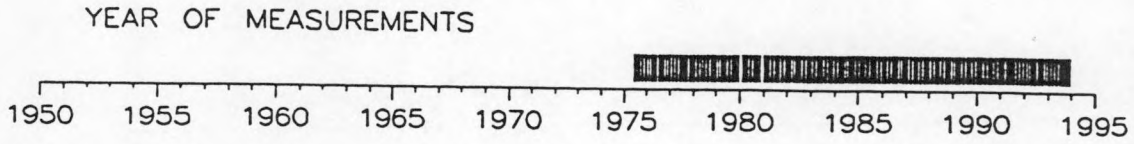
MINIMUM : 0.29
MAXIMUM : 265.59

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







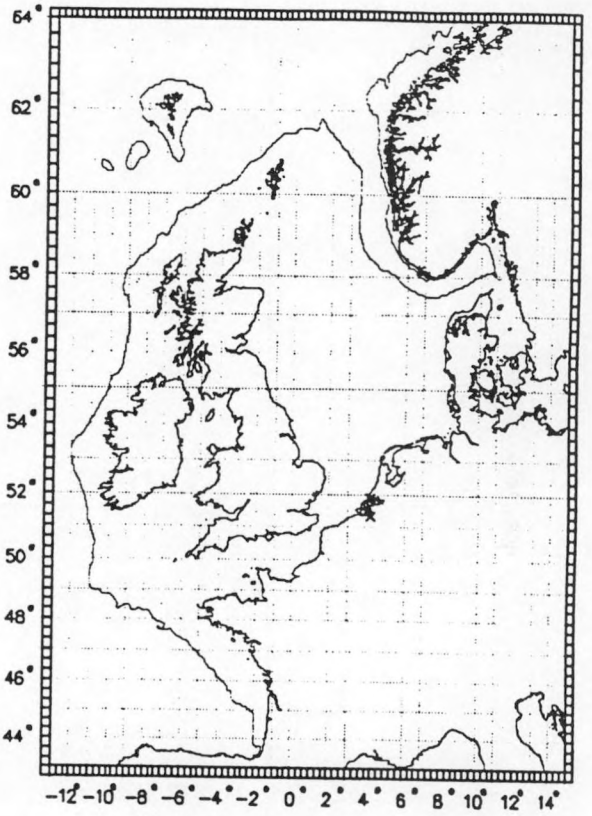
97–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

AMMONIA–N (NH4)

PCODE : 5005010001
ENAME : RWS–RIZA
UNITS : MYMOL/L
NO. OF POSITIONS : 2
NO. OF DATA : 1267
MINIMUM : 3.57
MAXIMUM : 663.97

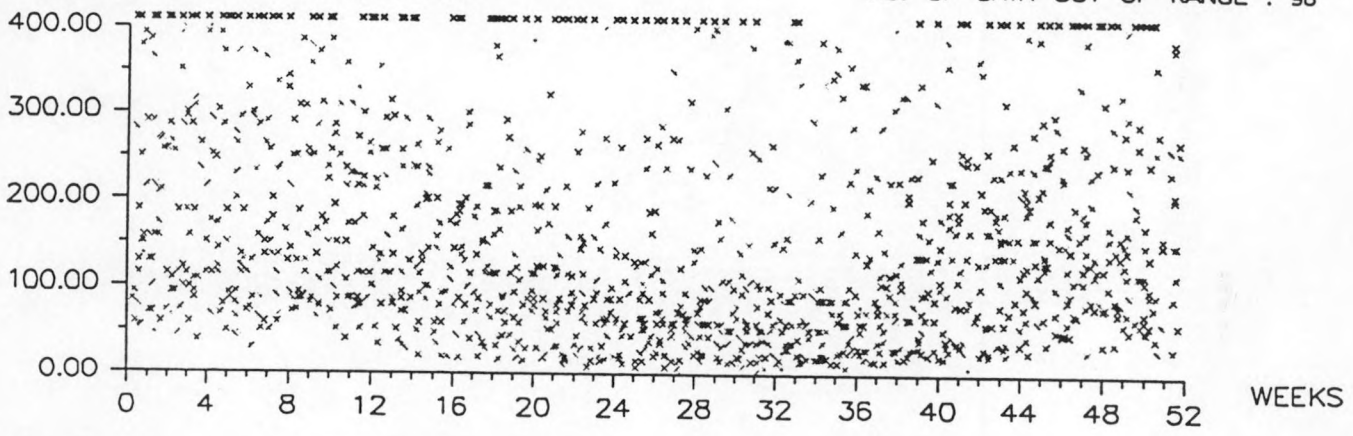


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

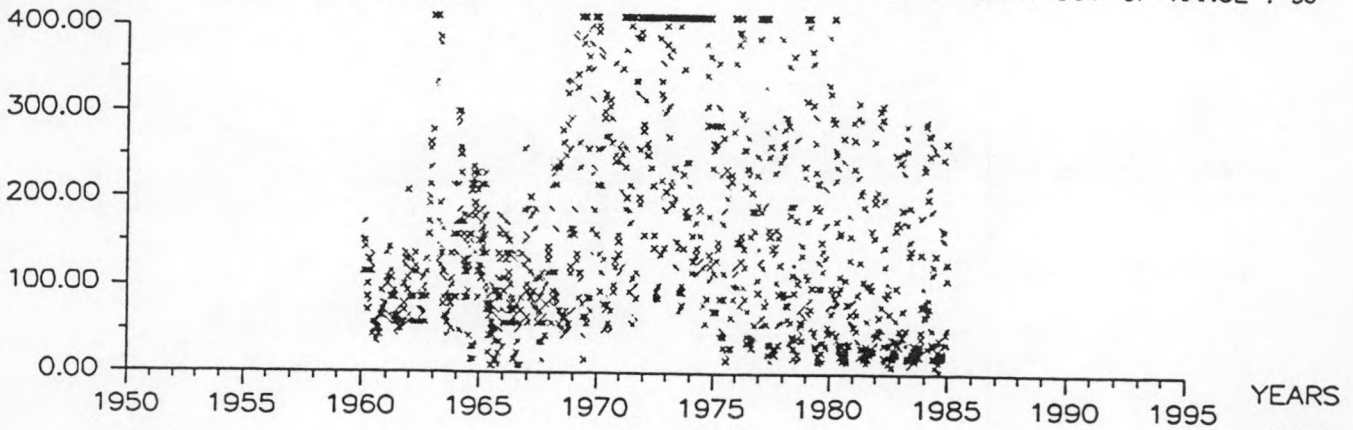
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 96



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 96



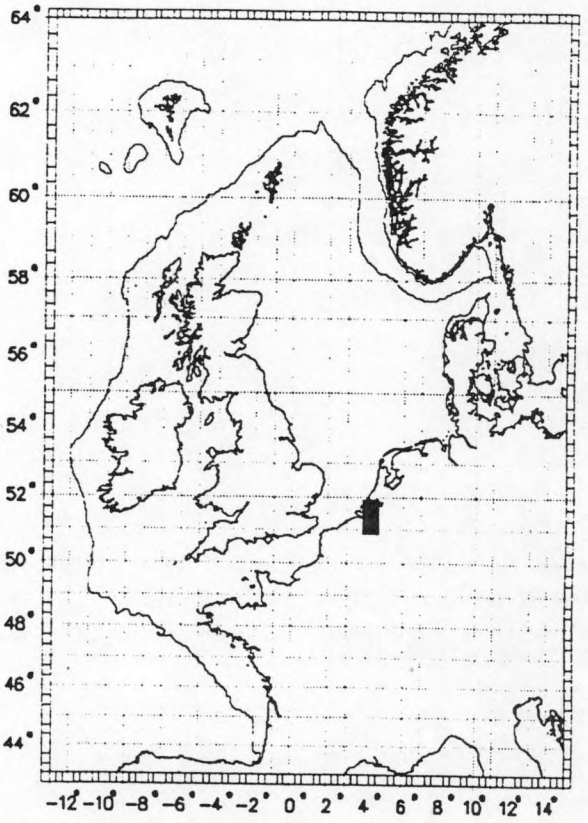
97–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005010001
ENAME : RWS–RIZA
UNITS : MYMOL/L
NO. OF DATA : 1267
NO. OF POSITIONS : 2



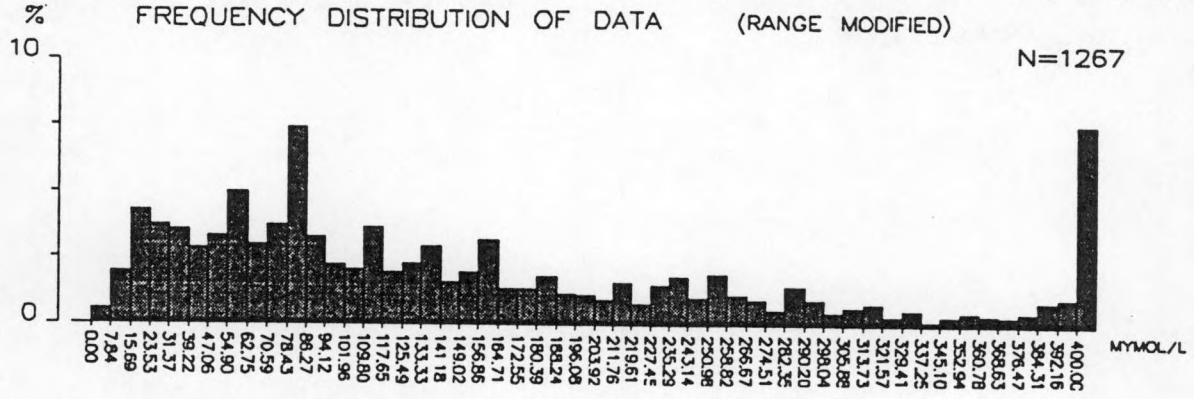
NO. OF DATA/AREA :
(without longterm data series !)

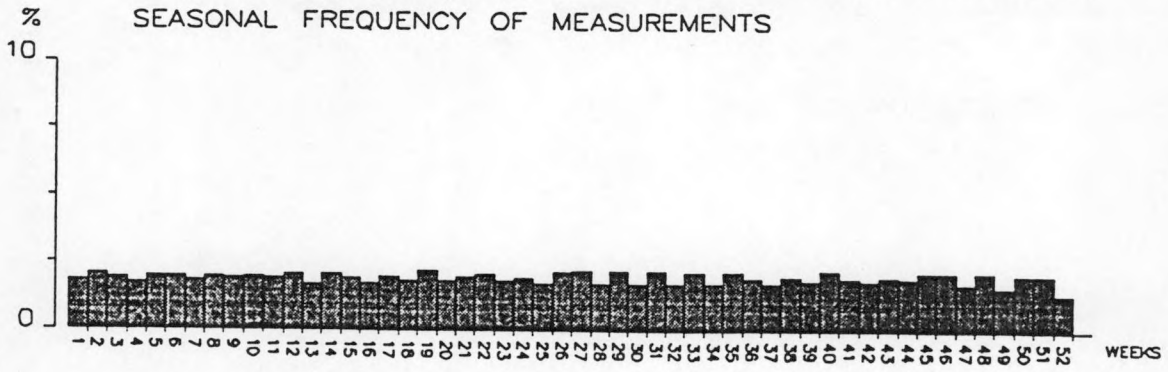
< 750	< 321
< 642	< 214
< 535	< 107
< 428	= 0

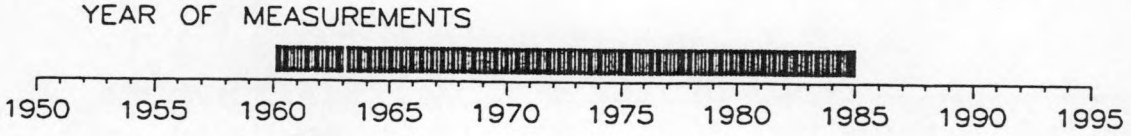
MINIMUM : 3.57
MAXIMUM : 663.97

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







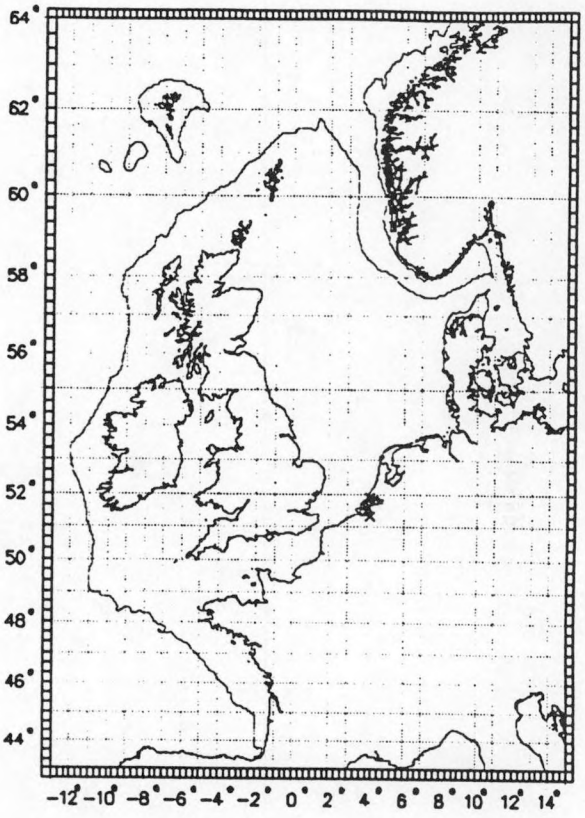
97–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

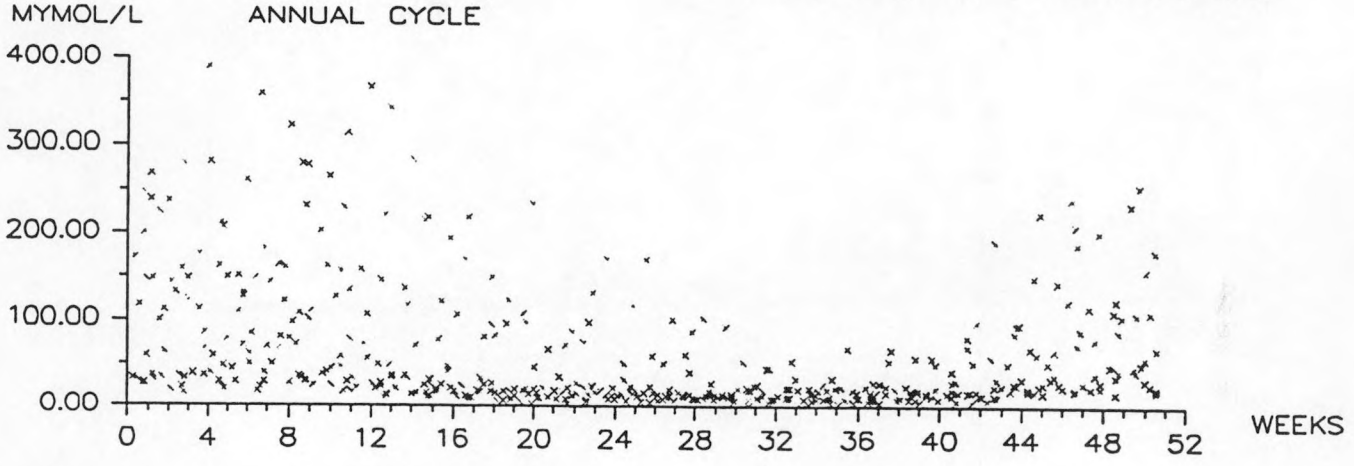
AMMONIA–N (NH4)

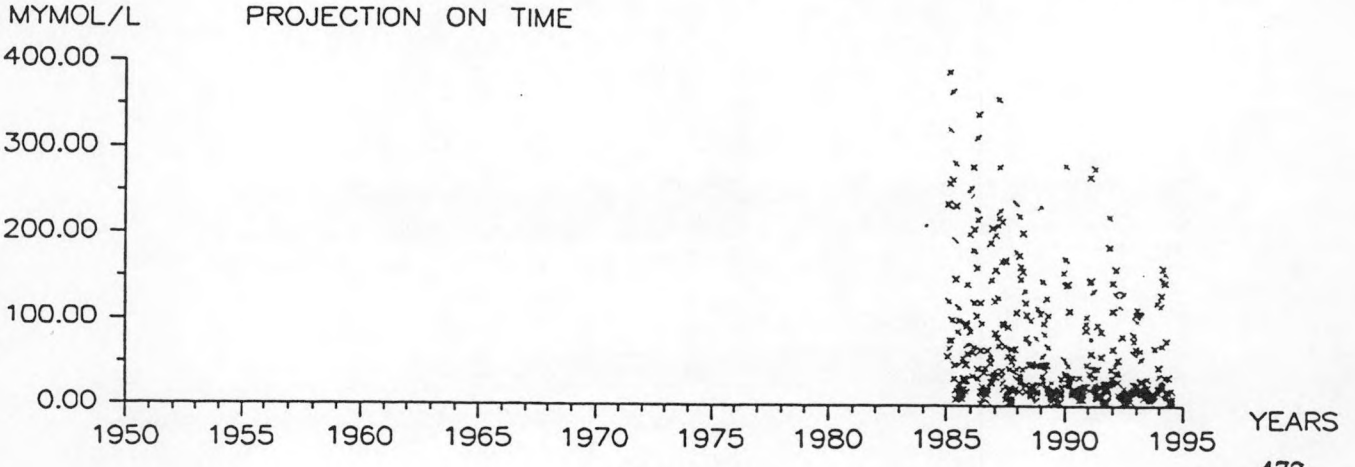
PCODE : 5005012401
ENAME : RWS–RIZA
UNITS : MYMOL/L
NO. OF POSITIONS : 2
NO. OF DATA : 472
MINIMUM : 1.43
MAXIMUM : 388.39



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





472

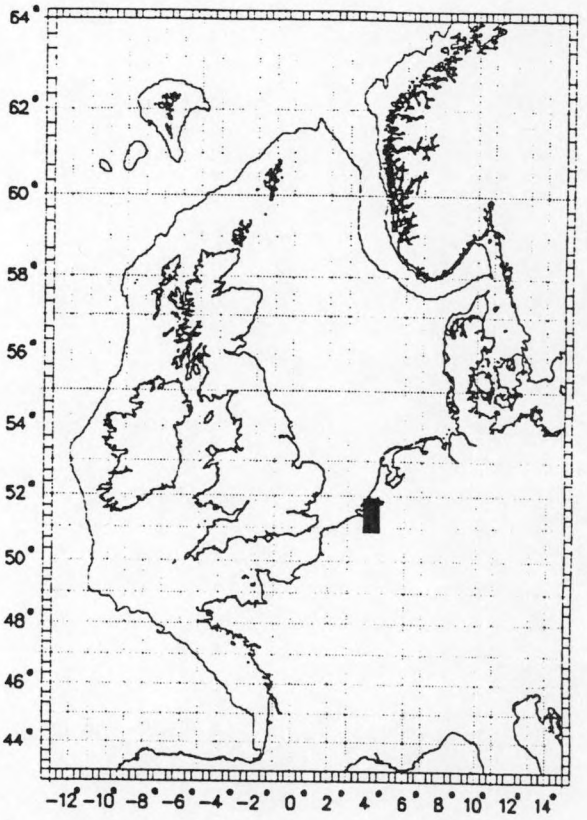
97–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

AMMONIA–N (NH4)

PCODE : 5005012401
ENAME : RWS–RIZA
UNITS : MYMOL/L
NO. OF DATA : 472
NO. OF POSITIONS : 2



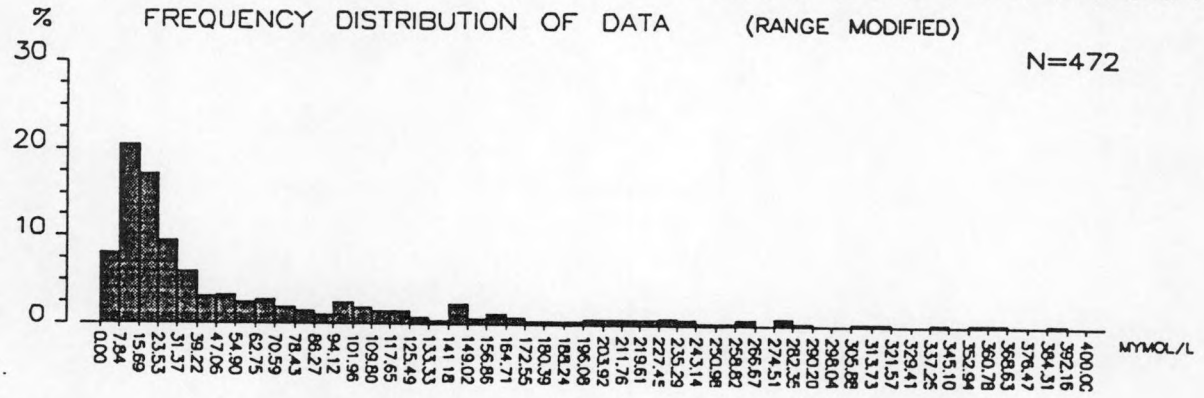
NO. OF DATA/AREA :
(without longterm data series !)

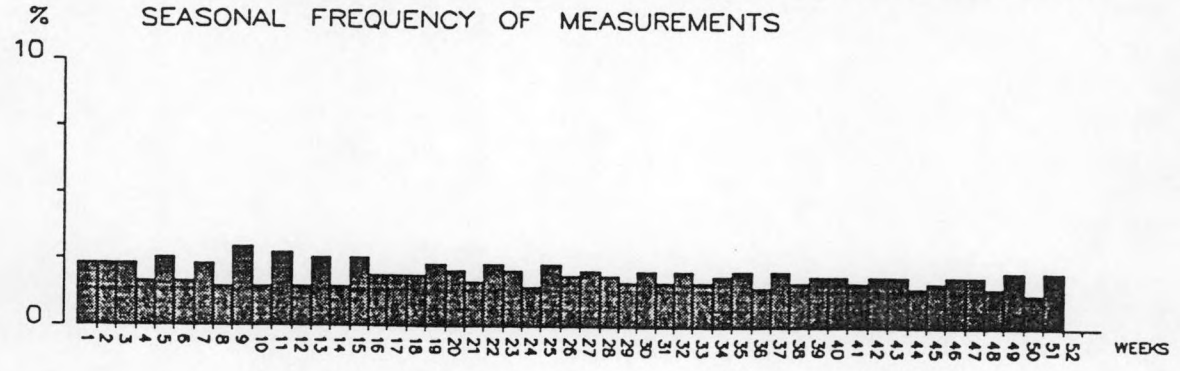
< 236	< 101
< 202	< 67
< 168	< 33
< 134	= 0

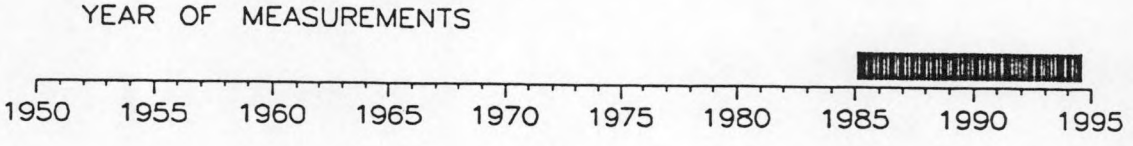
MINIMUM : 1.43
MAXIMUM : 388.39

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







97–06–10

6.7 Silicate

PCODE	Originator	Number of data
5003031301	BODC / Lowry, R.	6191
5003030098	DOD	119
5003030601	GPI / Jennerjahn, T.C.	37
5003030001	GPI / Lammers, S.	687
5003030101	GPI / Liebezeit, G.	247
5003010001	HELCOM	9737
5003030101	IAB / Van Beusekom, J.	513
5003010001	ICES	19023
5003030098	ICES	1521
5003030099	ICES	4286
5003030098	ICES / SMHI data	1701
5003036801	IMR / Danielssen, D. S.	5873
5003016801	IMR / Hageboe M., Foyn, L.	54290
5003020001	IOCB / Brockmann, U.	2487
5003035101	MBA / Southward, A.J.	3871
5003101701	MUMM_O	303
5003014601	PEML / Slinn, D.J. Allen, J.R.	3011
5003014701	PEML / Slinn, D.J. Allen, J.R.	93
5003032001	PML / Joint, I.	89
5003032001	PML / Howland, R.	214
5003010001	RWS / Laane, R.	11037
5003012001	RWS / Laane, R.	8232
5003010001	RWS-RIZA	538
5003012001	RWS-RIZA	472
5003030101	VUB / Elkens, M.	374

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003031301

ENAME : BODC/Lowry, R.

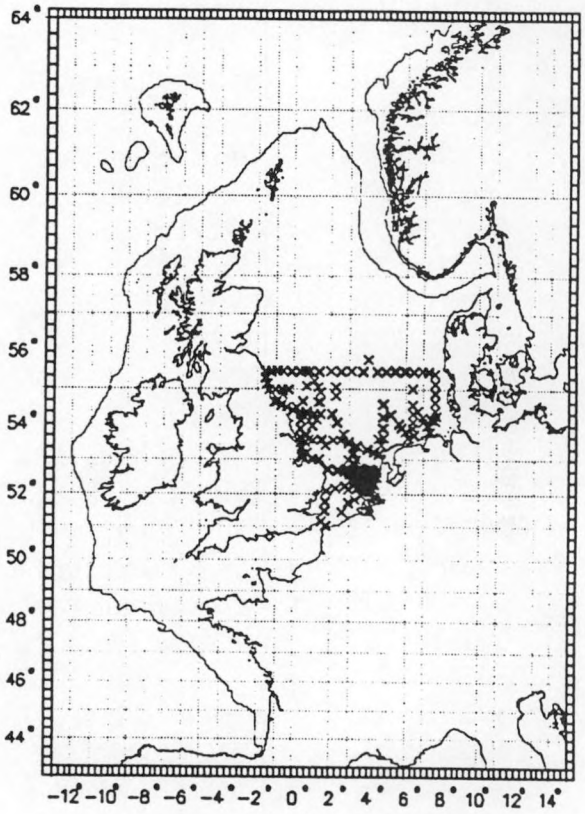
UNITS : MYMOL/L

NO. OF POSITIONS : 1584

NO. OF DATA : 6191

MINIMUM : 0.01

MAXIMUM : 43.22



NO. OF DATA OUT OF RANGE : 41

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

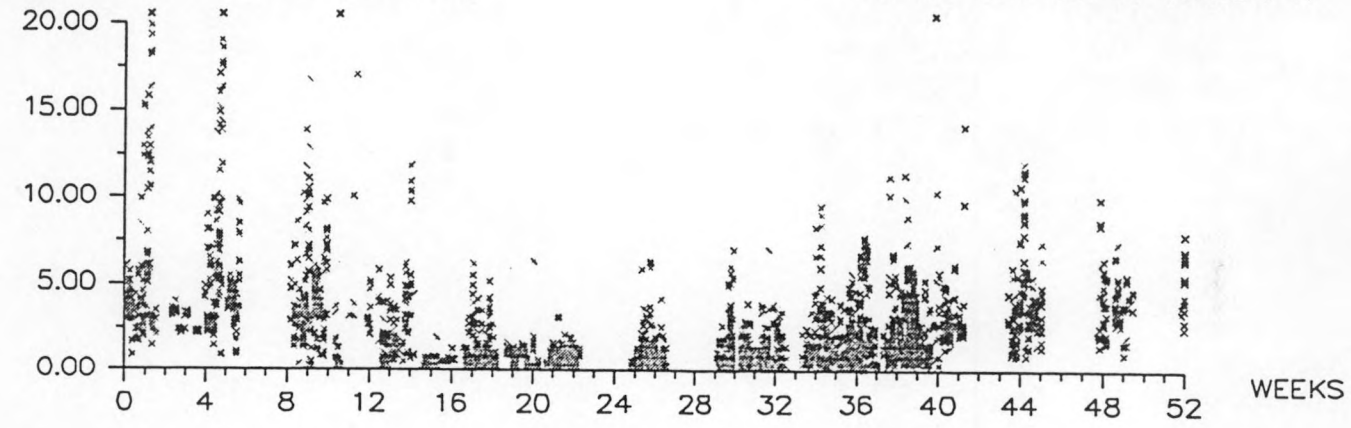
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

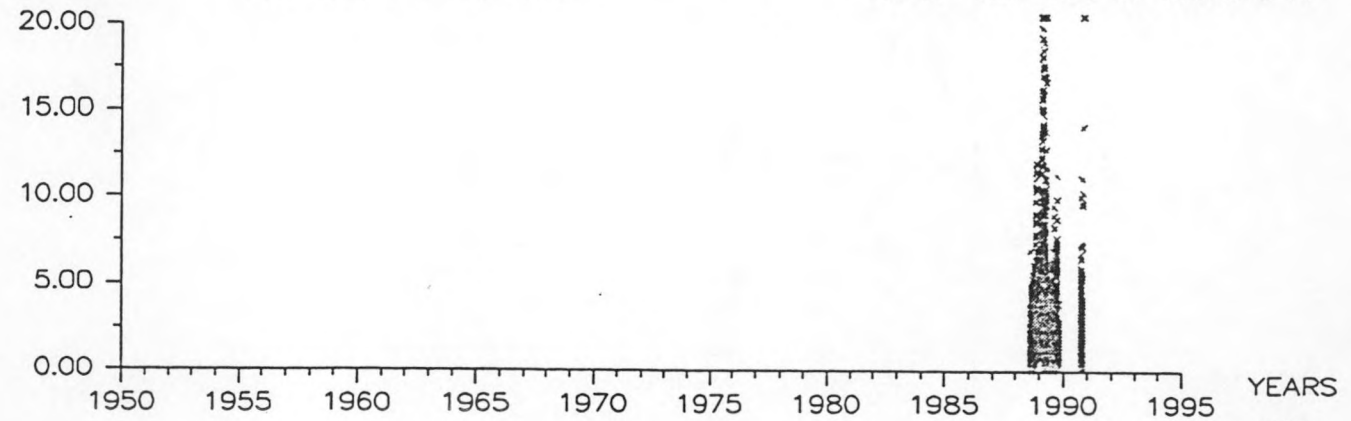
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 41



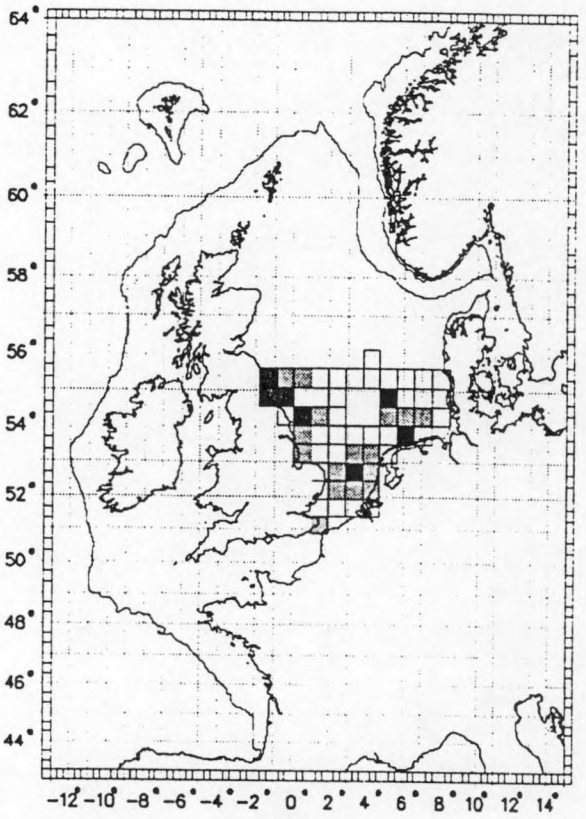
96–06–18

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003031301
ENAME : BODC/Lowry, R.
UNITS : MYMOL/L
NO. OF DATA : 6191
NO. OF POSITIONS : 1584



NO. OF DATA/AREA :
(without longterm data series !)

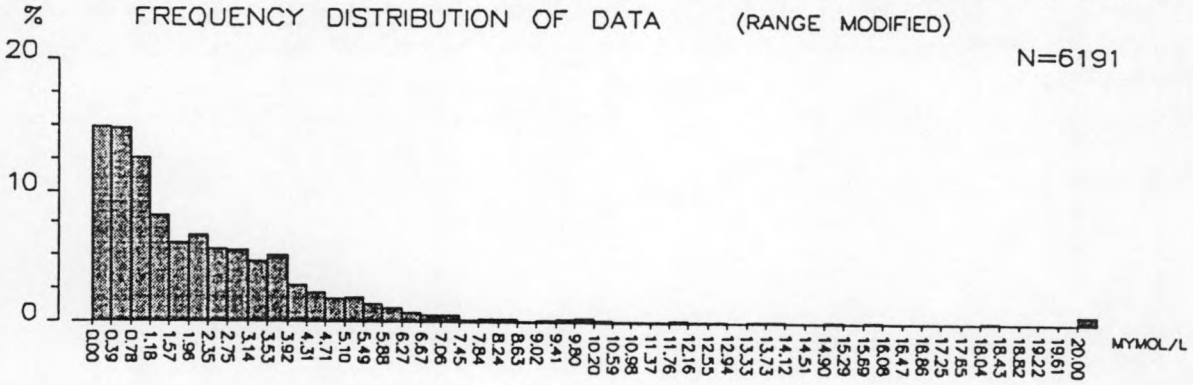
< 709
< 607
< 506
< 405

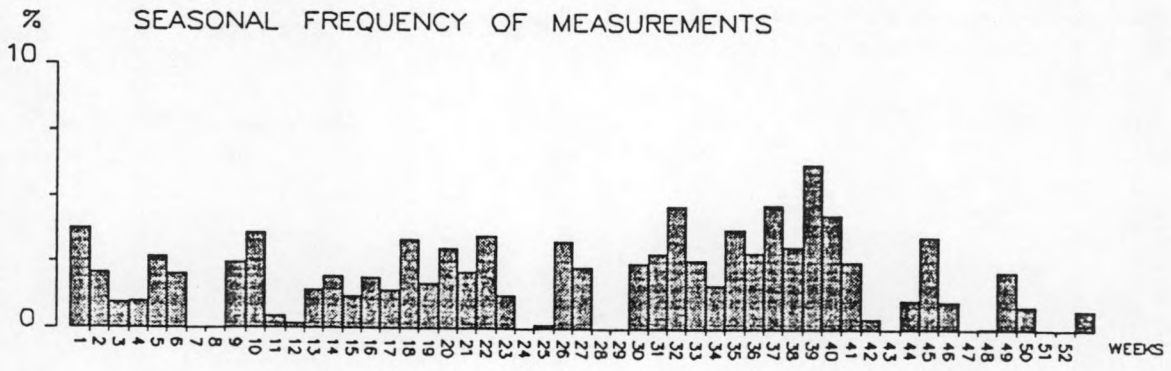
< 303
< 202
< 101
= 0

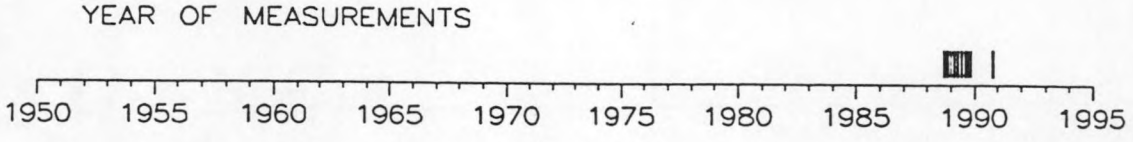
MINIMUM : 0.01
MAXIMUM : 43.22

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





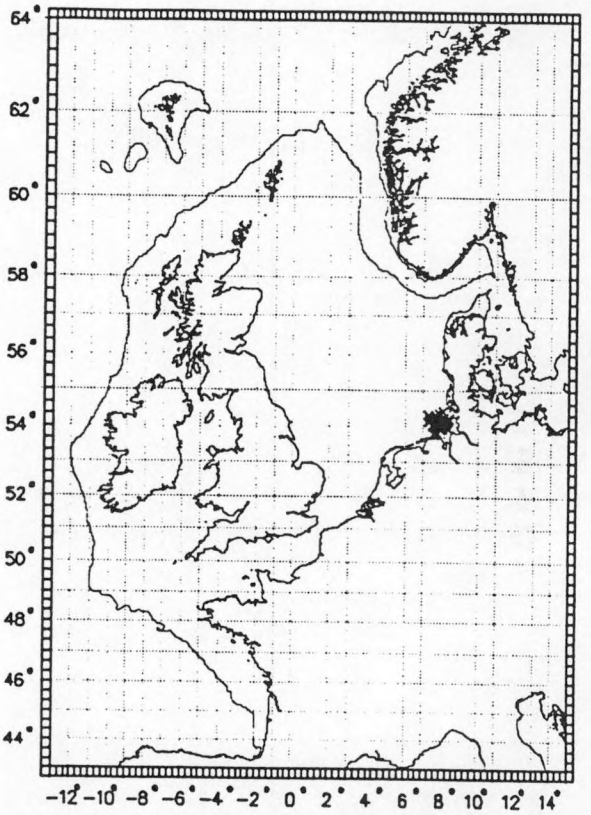


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003030098
ENAME : DOD
UNITS : MYMOL/L
NO. OF POSITIONS : 40
NO. OF DATA : 119
MINIMUM : 0.00
MAXIMUM : 21.10

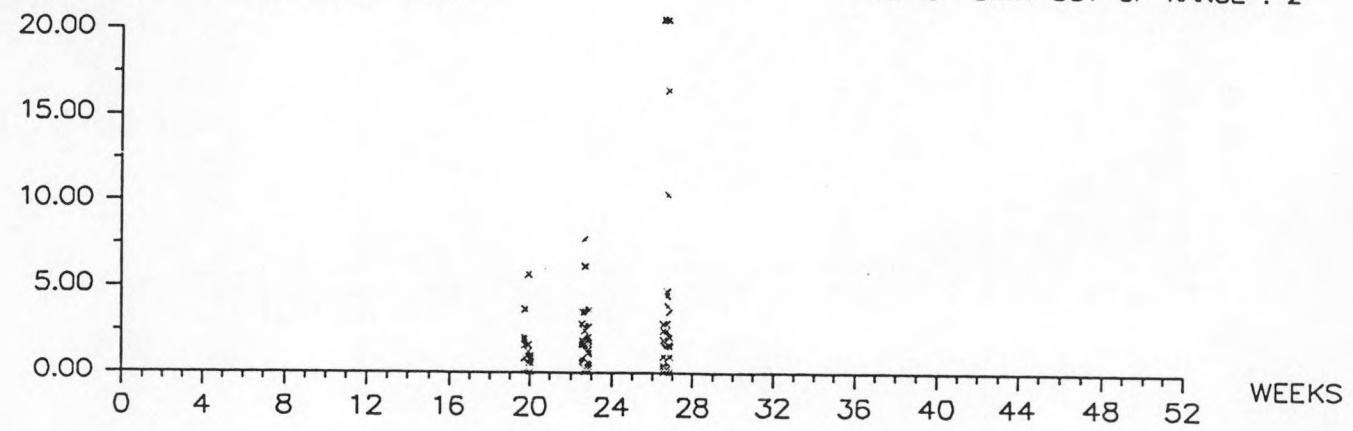


NO. OF DATA OUT OF RANGE : 2

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

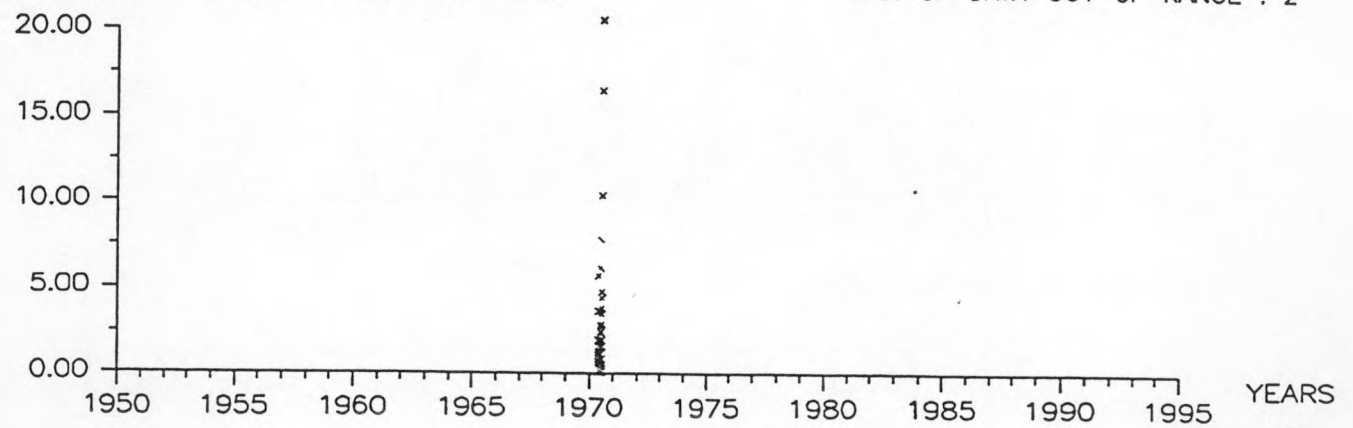
DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 2

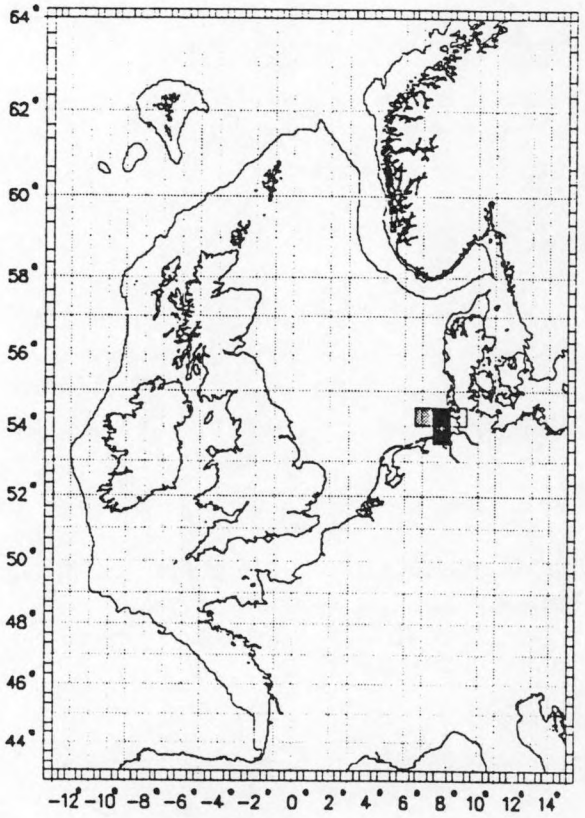


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003030098
ENAME : DOD
UNITS : MYMOL/L
NO. OF DATA : 119
NO. OF POSITIONS : 40



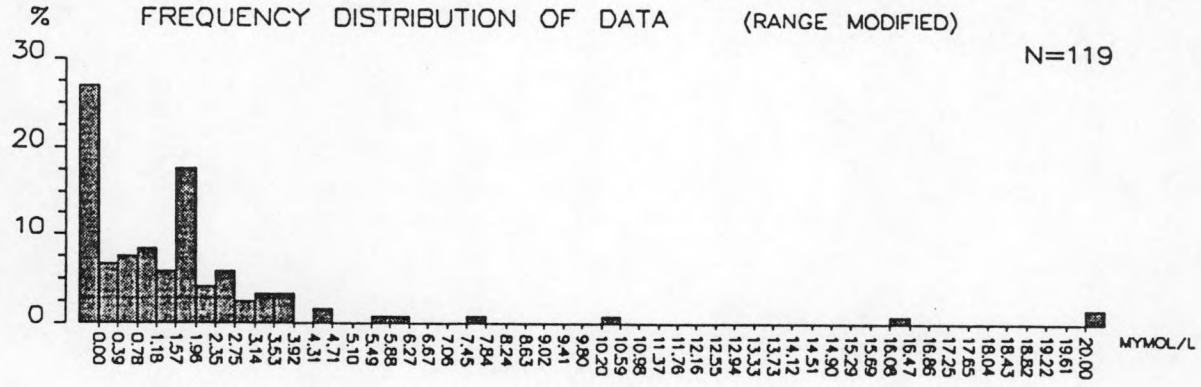
NO. OF DATA/AREA :
(without longterm data series !)

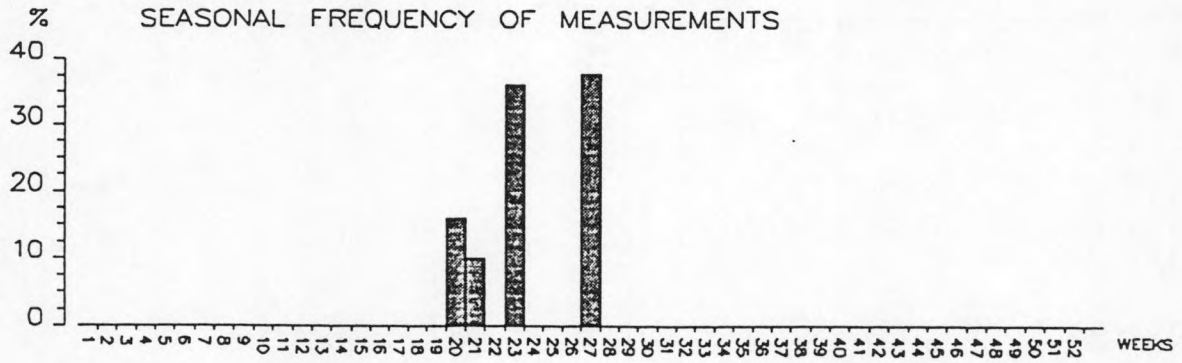
< 68	< 29
< 58	< 19
< 48	< 9
< 38	= 0

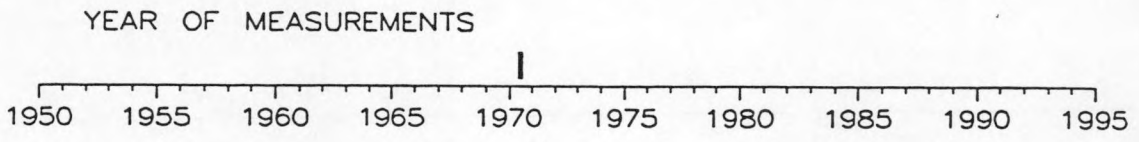
MINIMUM : 0.00
MAXIMUM : 21.10

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003030601

ENAME : Jennerjahn, T.C.

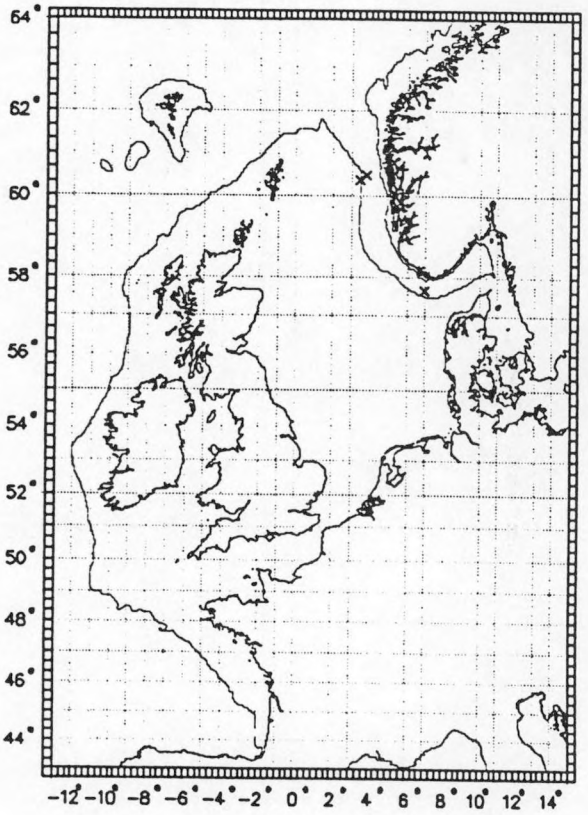
UNITS : MYMOL/L

NO. OF POSITIONS : 3

NO. OF DATA : 37

MINIMUM : 0.26

MAXIMUM : 9.90



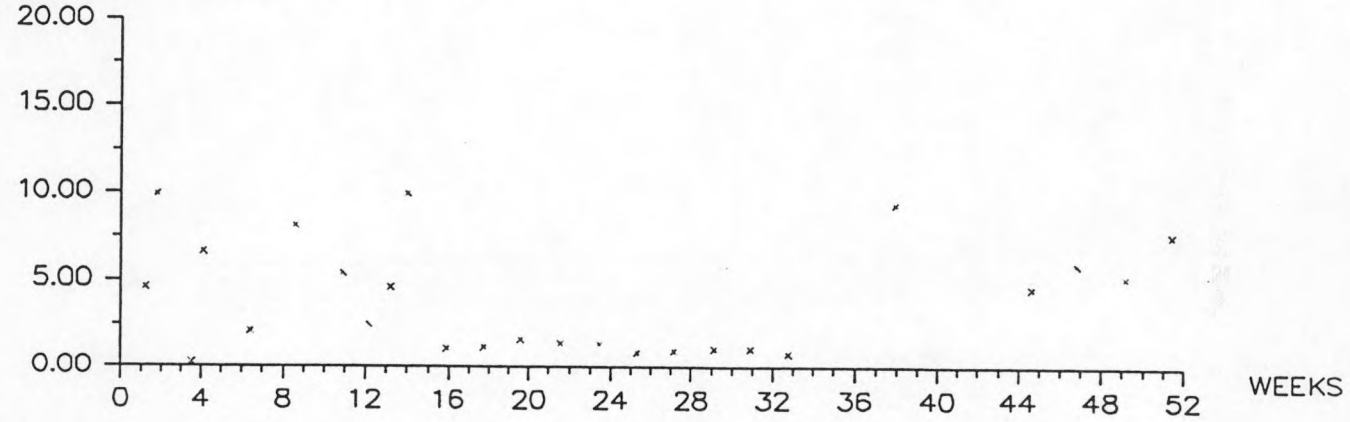
MODIFICATIONS

TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

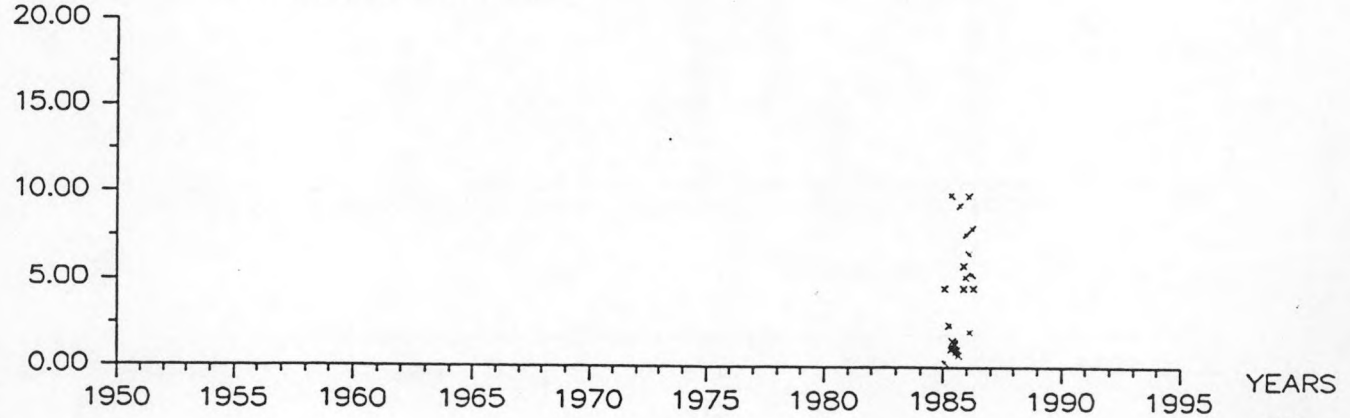
DEPTH–RANGE

UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



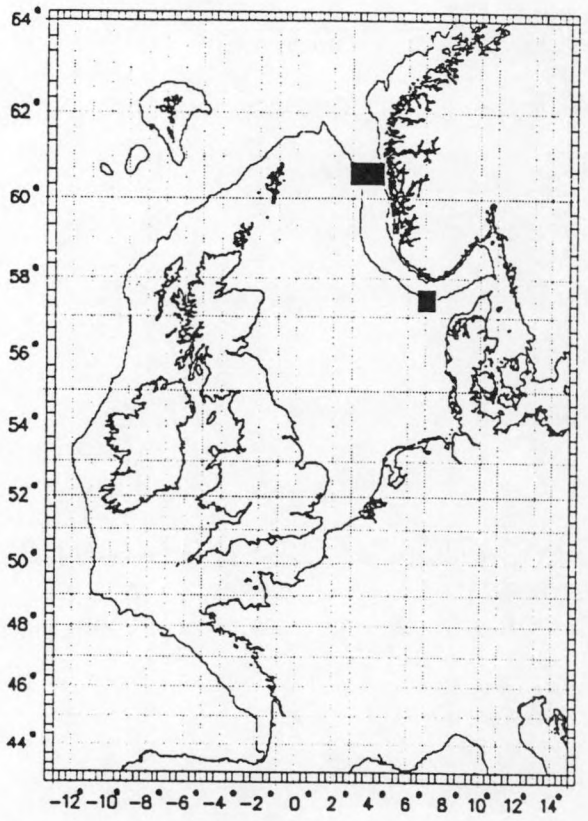
96–06–18

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003030601
ENAME : Jennerjahn, T.C.
UNITS : MYMOL/L
NO. OF DATA : 37
NO. OF POSITIONS : 3



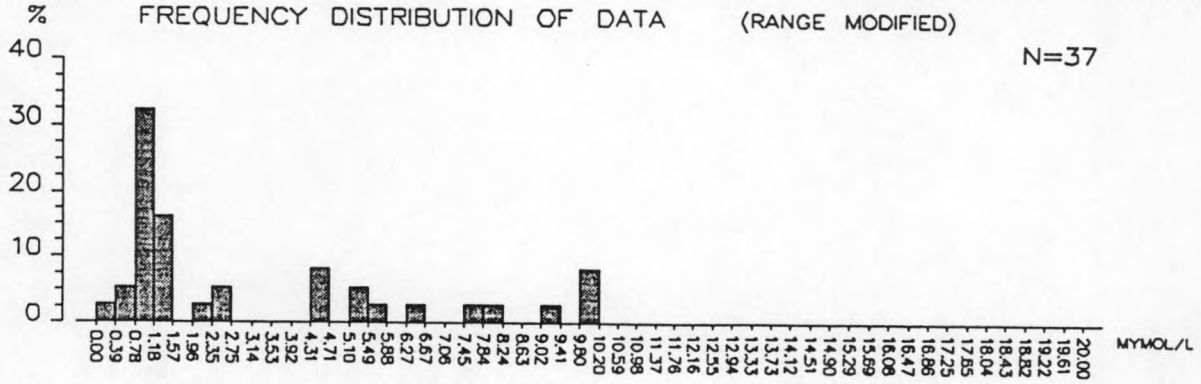
NO. OF DATA/AREA :
(without longterm data series !)

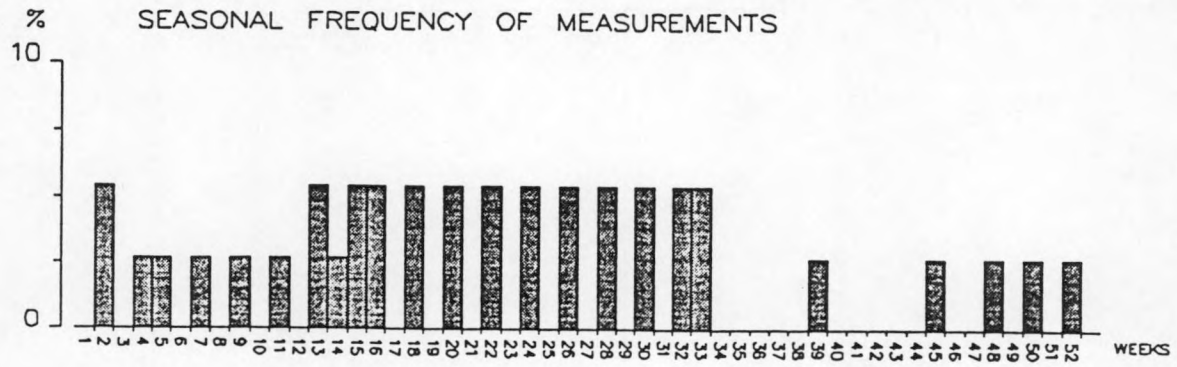
< 13	< 5
< 11	< 3
< 9	< 1
< 7	= 0

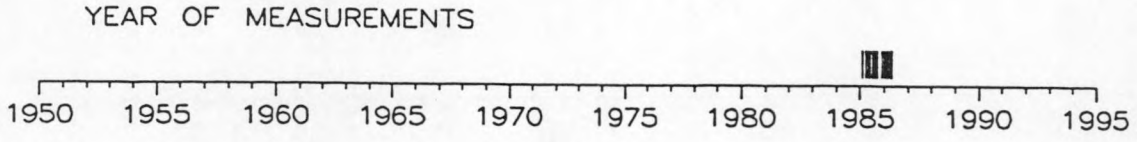
MINIMUM : 0.26
MAXIMUM : 9.90

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003030001

ENAME : Lammers, S.

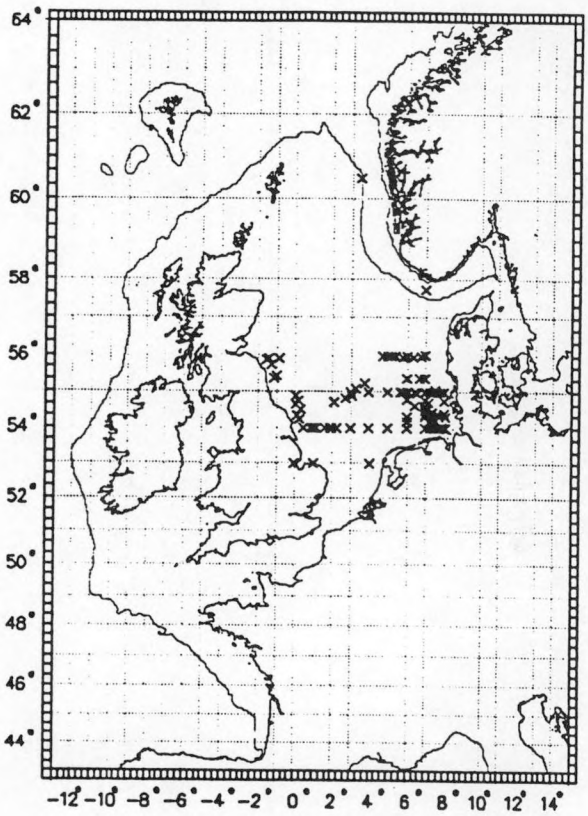
UNITS : MYMOL/L

NO. OF POSITIONS : 128

NO. OF DATA : 687

MINIMUM : 0.00

MAXIMUM : 17.10



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

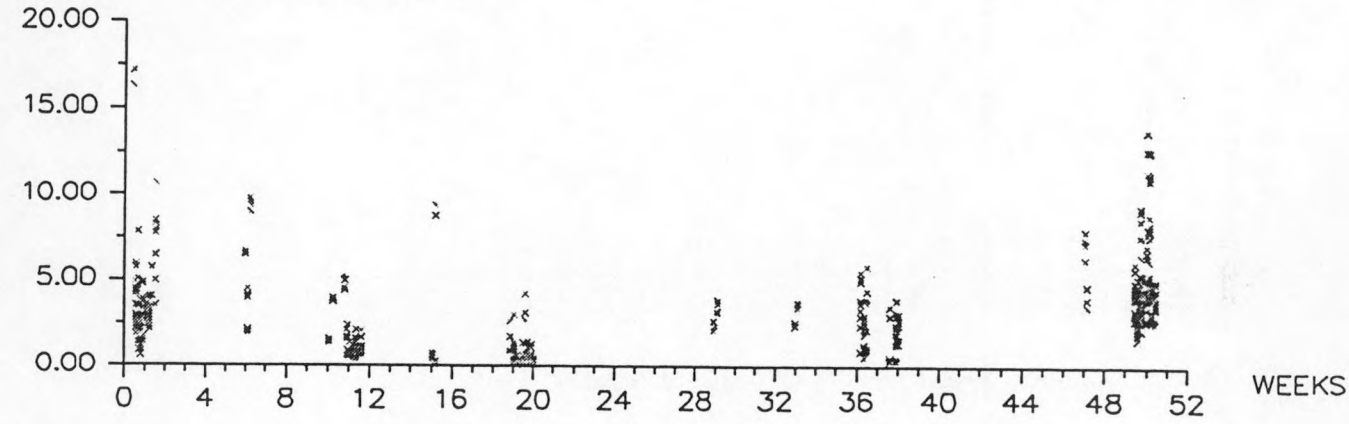
LAST WEEK : 53

DEPTH–RANGE

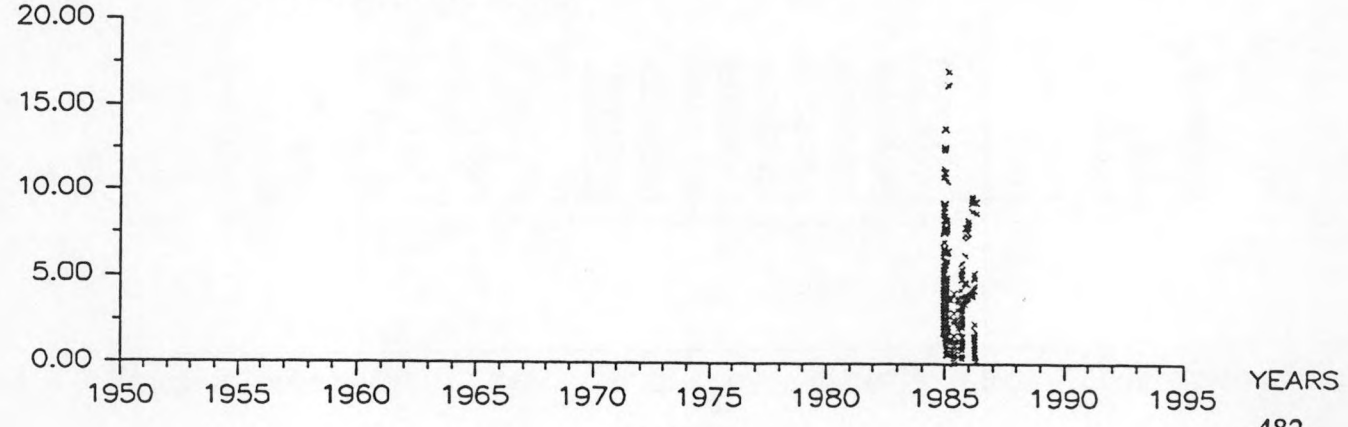
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

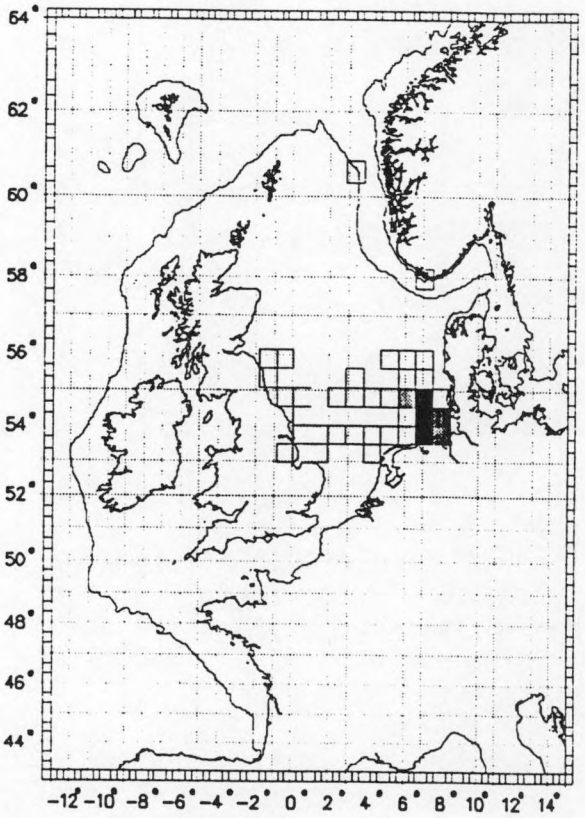


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003030001
ENAME : Lammers, S.
UNITS : MYMOL/L
NO. OF DATA : 687
NO. OF POSITIONS : 128



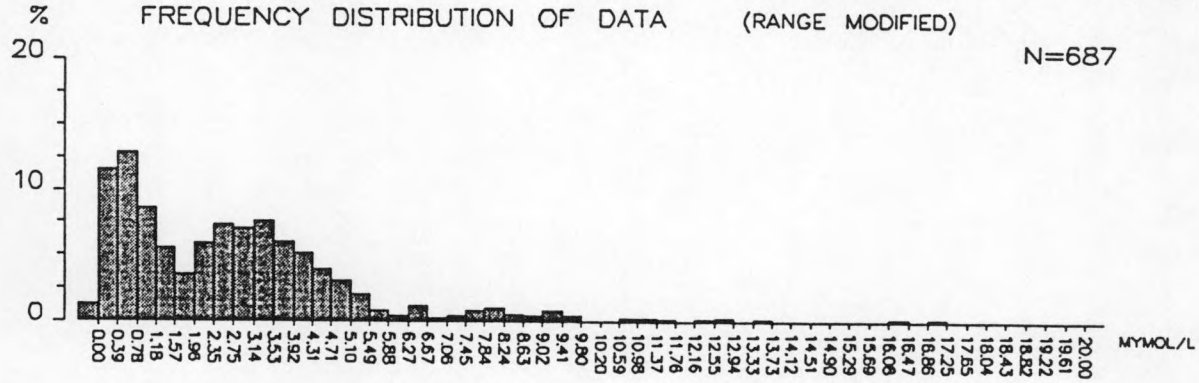
NO. OF DATA/AREA :
(without longterm data series !)

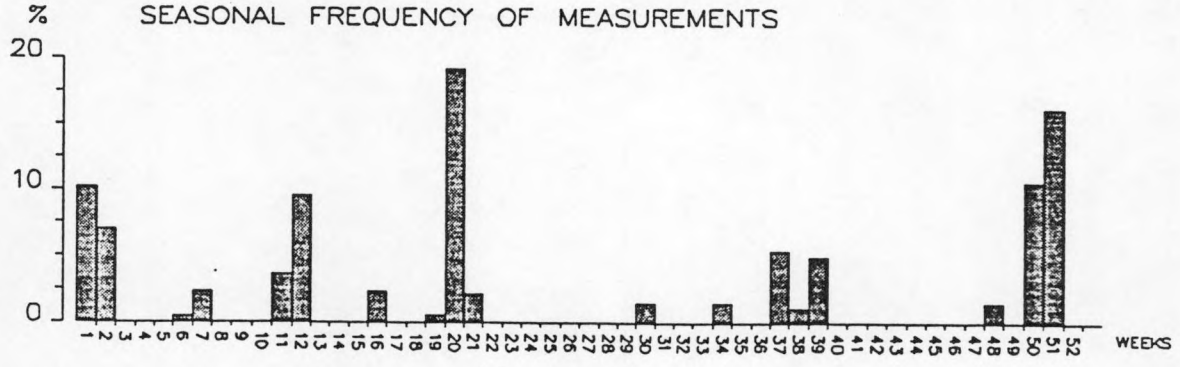
<	121	<	51
<	103	<	34
<	86	<	17
<	69	=	0

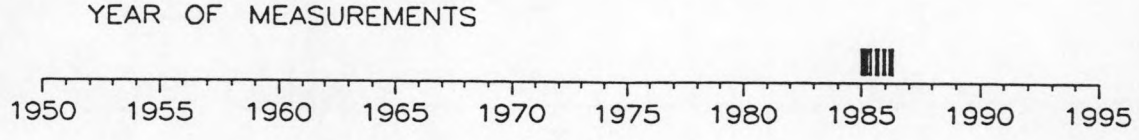
MINIMUM : 0.00
MAXIMUM : 17.10

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







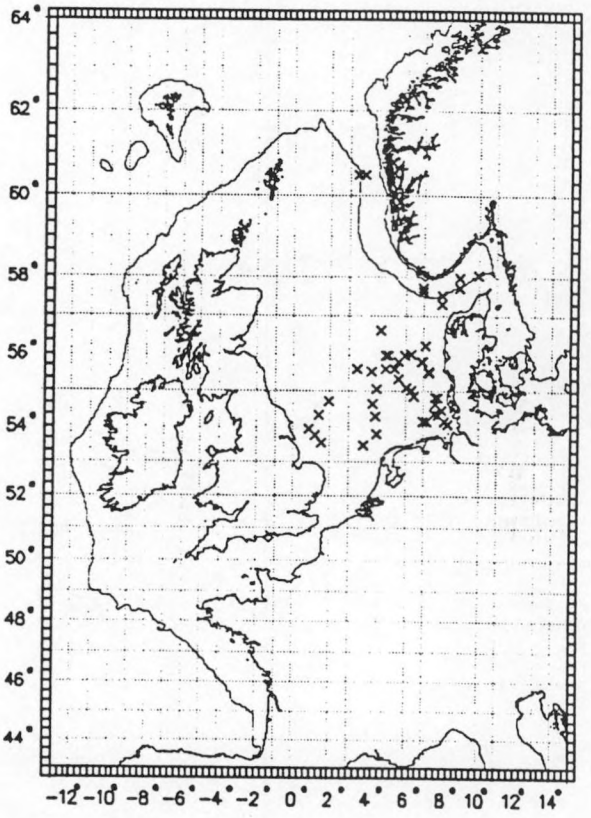
96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

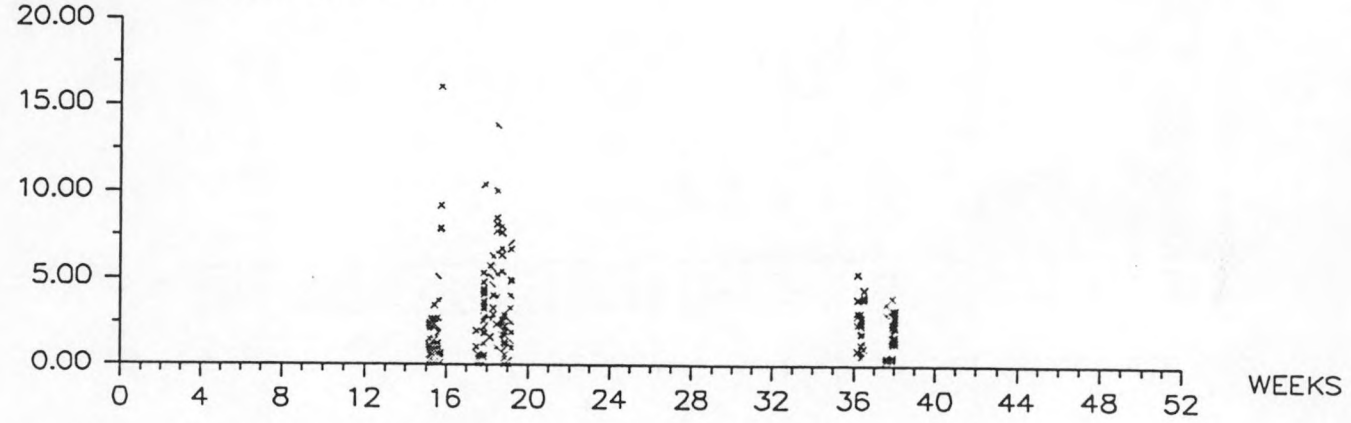
PCODE : 5003030101
ENAME : Liebezeit, G.
UNITS : MYMOL/L
NO. OF POSITIONS : 50
NO. OF DATA : 247
MINIMUM : 0.00
MAXIMUM : 16.01



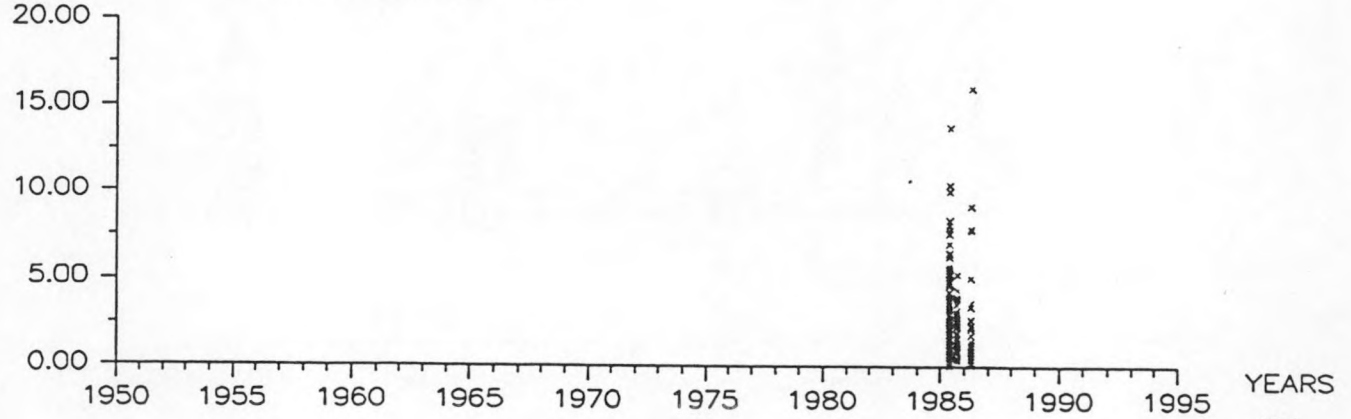
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

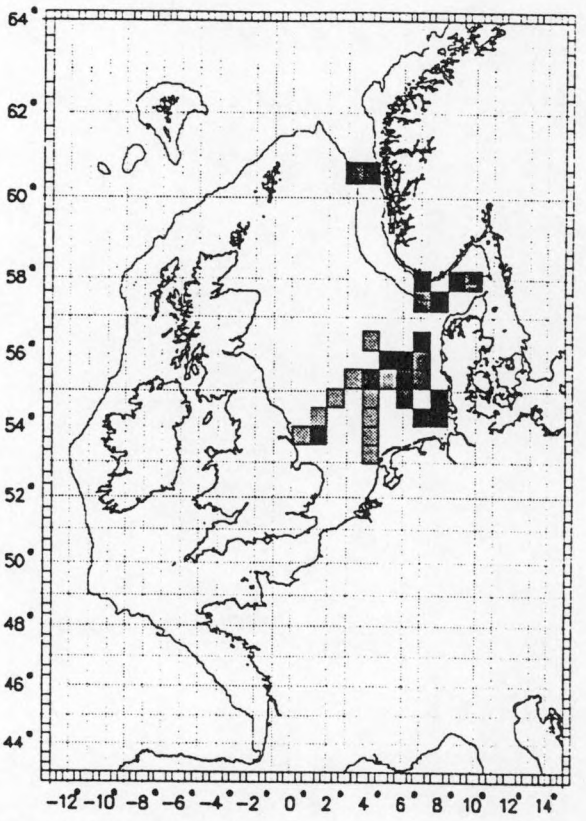


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003030101
ENAME : Liebezeit, G.
UNITS : MYMOL/L
NO. OF DATA : 247
NO. OF POSITIONS : 50



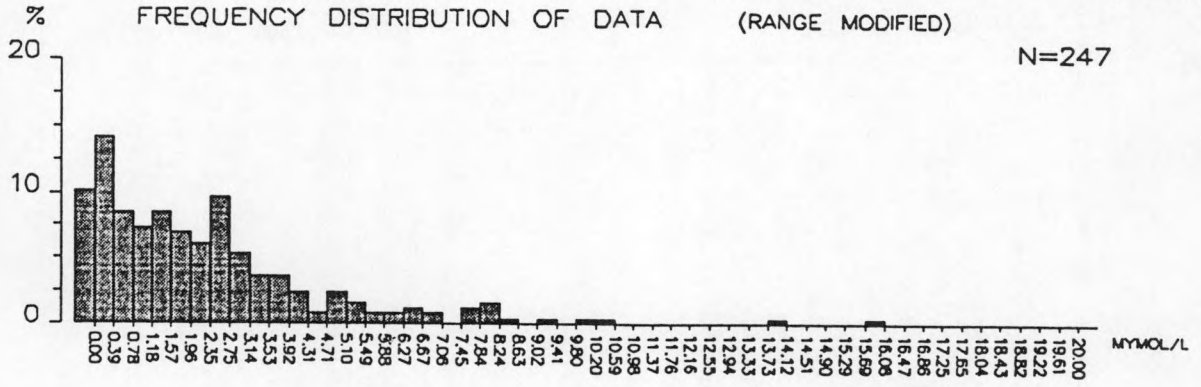
NO. OF DATA/AREA :
(without longterm data series !)

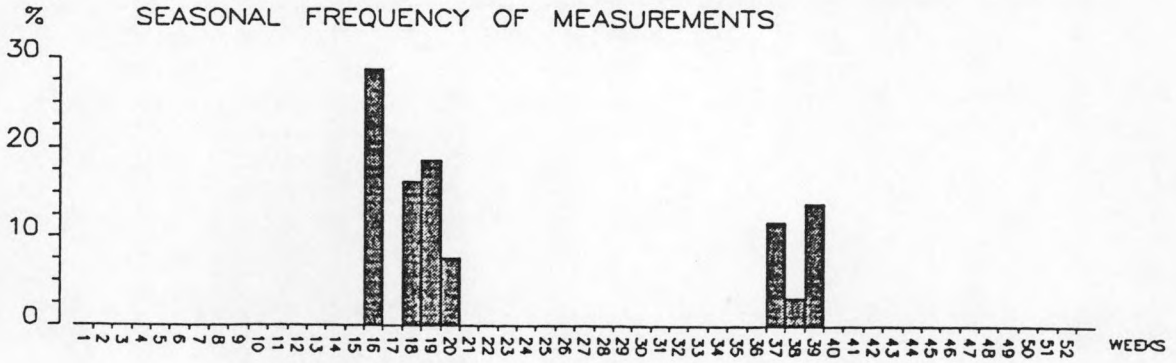
< 19	< 8
< 16	< 5
< 13	< 2
< 10	= 0

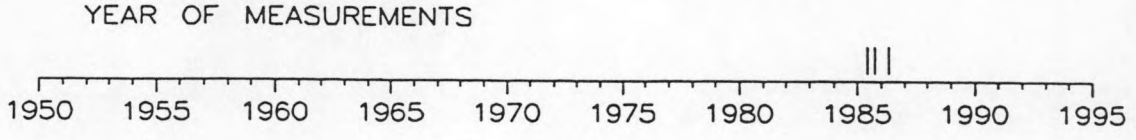
MINIMUM : 0.00
MAXIMUM : 16.01

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003010001

ENAME : HELCOM

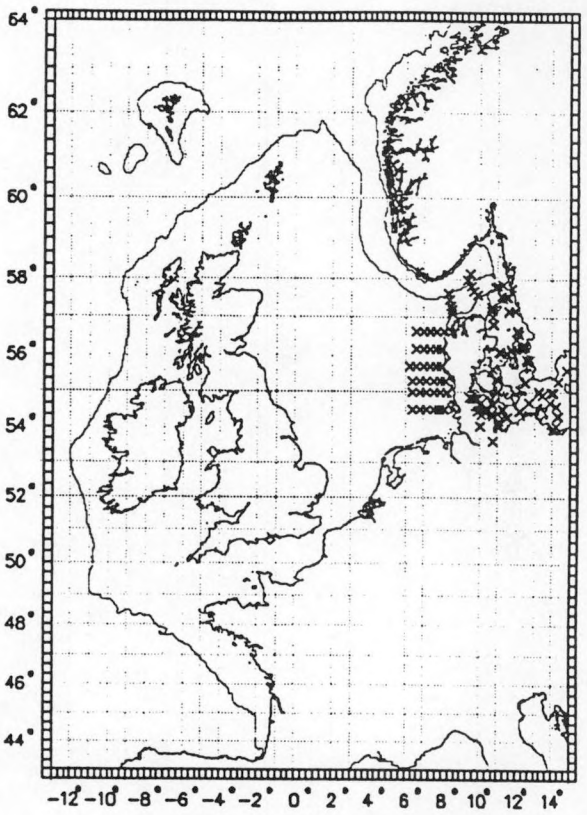
UNITS : MYMOL/L

NO. OF POSITIONS : 145

NO. OF DATA : 9737

MINIMUM : 0.00

MAXIMUM : 96.60



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

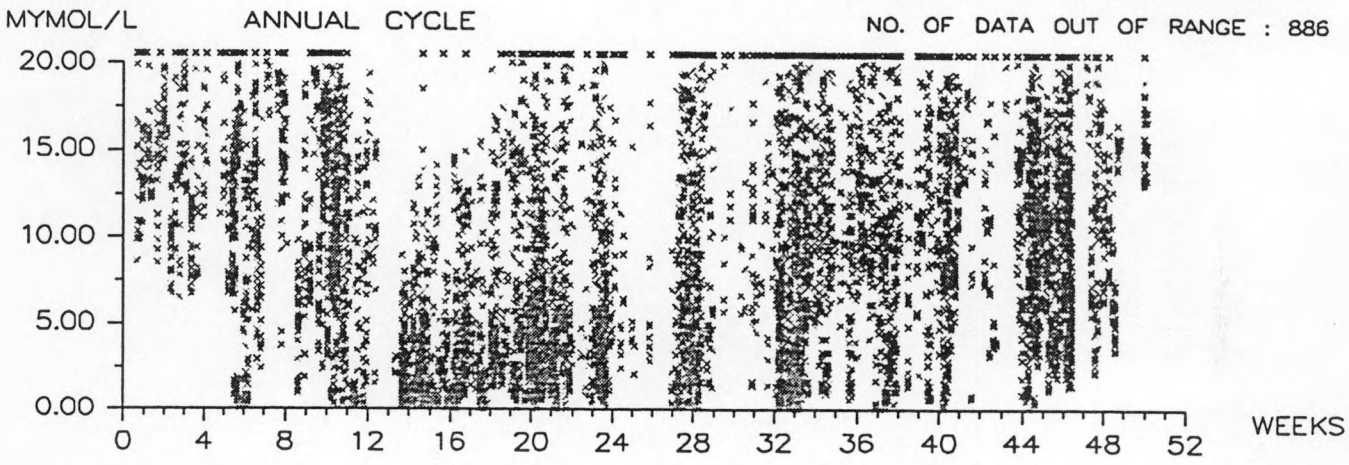
FIRST WEEK : 1

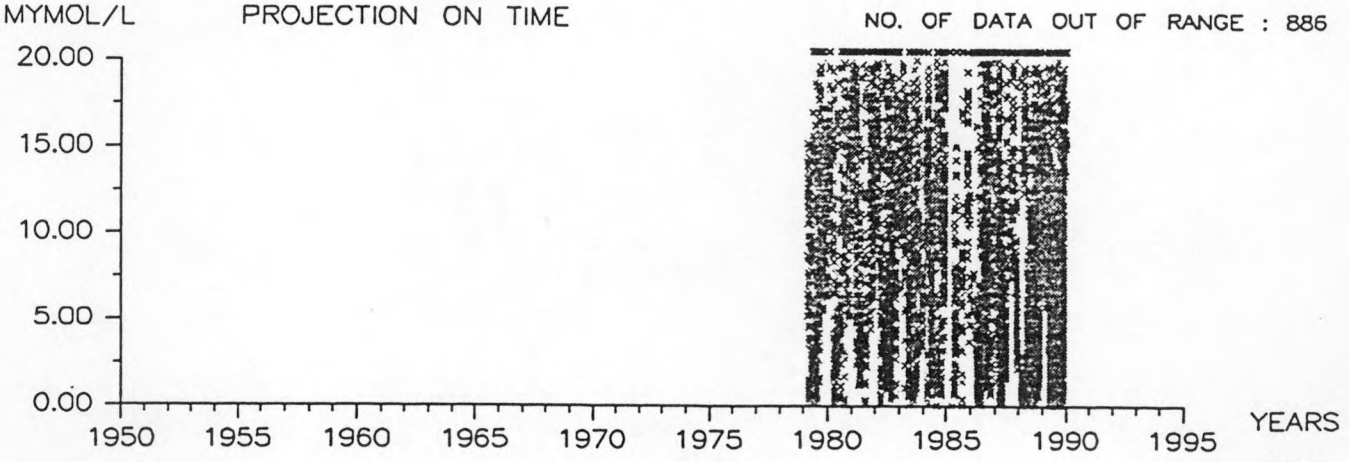
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



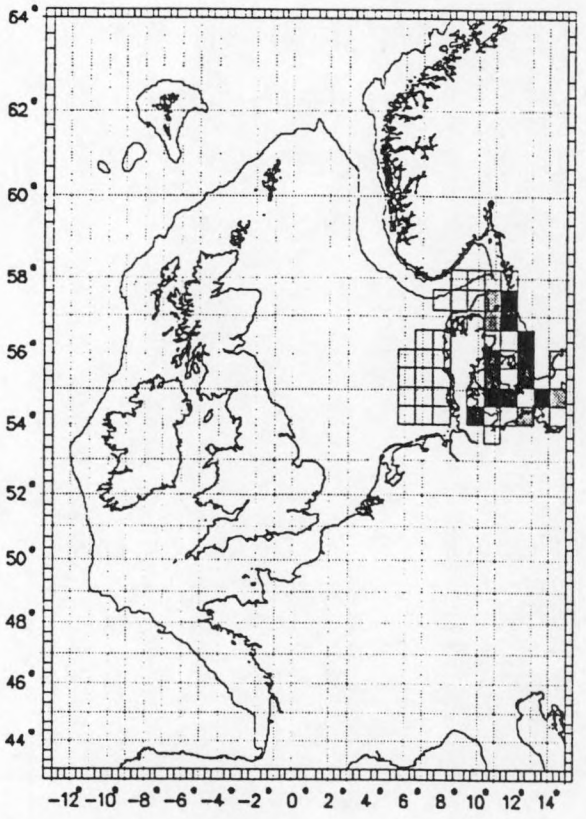


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003010001
ENAME : HELCOM
UNITS : MYMOL/L
NO. OF DATA : 9737
NO. OF POSITIONS : 145



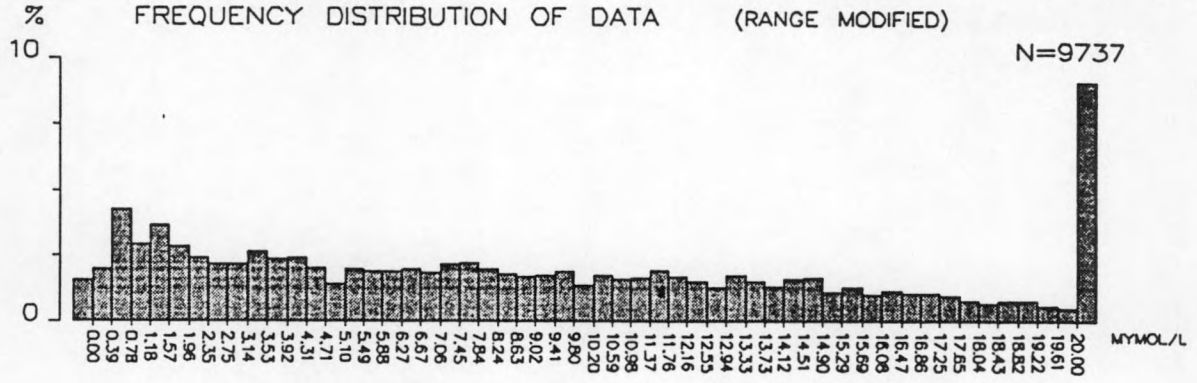
NO. OF DATA/AREA :
(without longterm data series !)

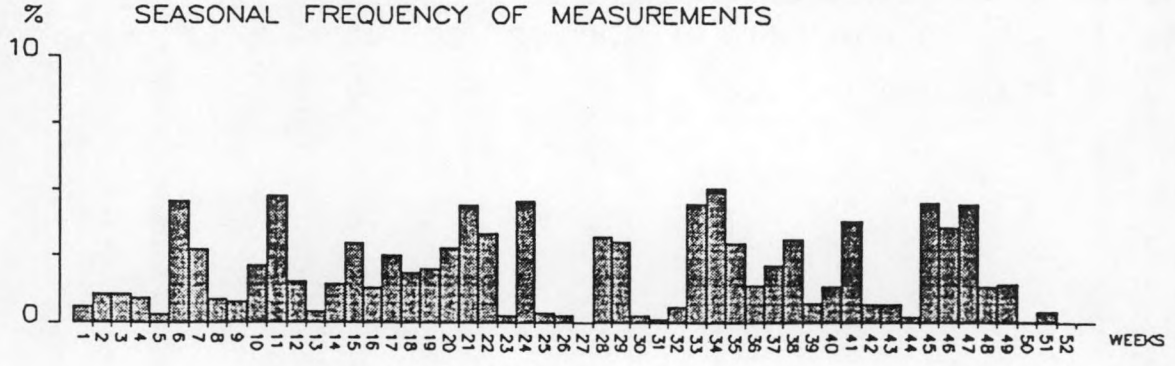
<	1363	<	584
<	1168	<	389
<	973	<	194
<	778	=	0

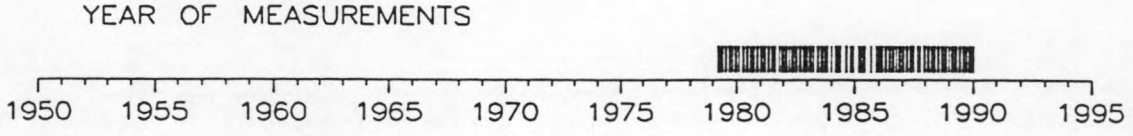
MINIMUM : 0.00
MAXIMUM : 96.60

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

SILICATE—SI (SIO4)

PCODE : 5003030101

ENAME : Van Beusekom

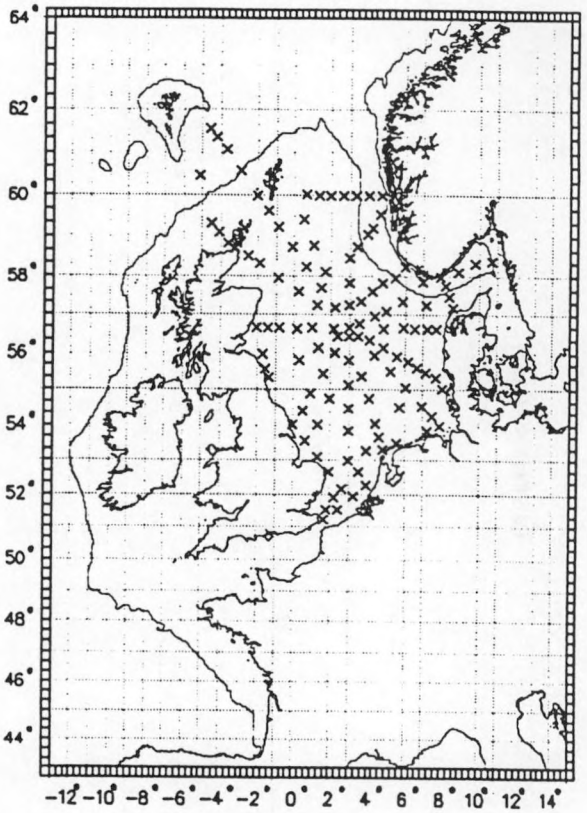
UNITS : MYMOL/L

NO. OF POSITIONS : 123

NO. OF DATA : 513

MINIMUM : 0.00

MAXIMUM : 12.23



MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

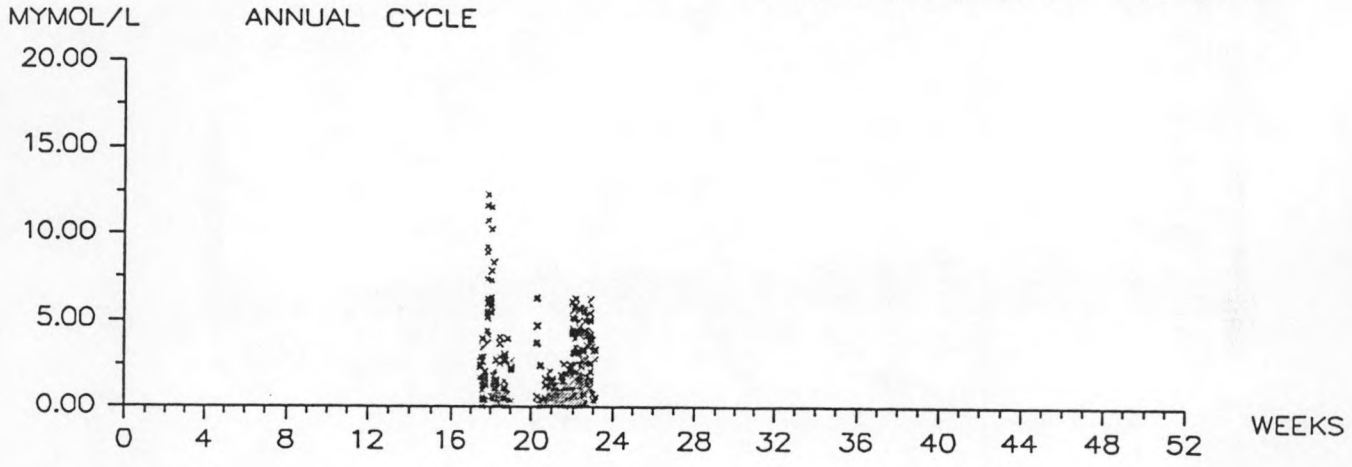
FIRST WEEK : 1

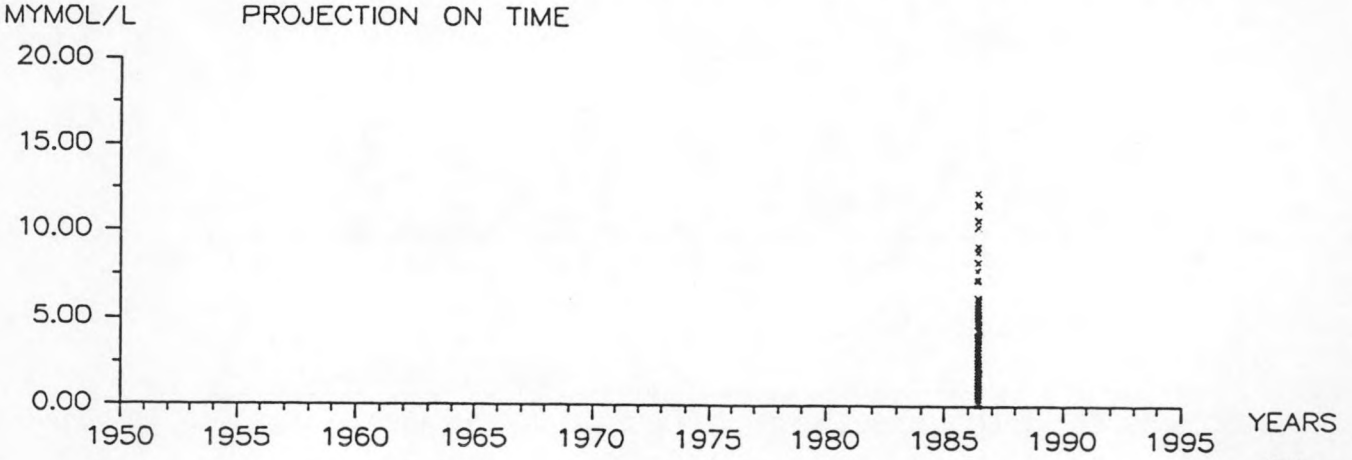
LAST WEEK : 53

DEPTH—RANGE

UPPER : 0

LOWER : 2000



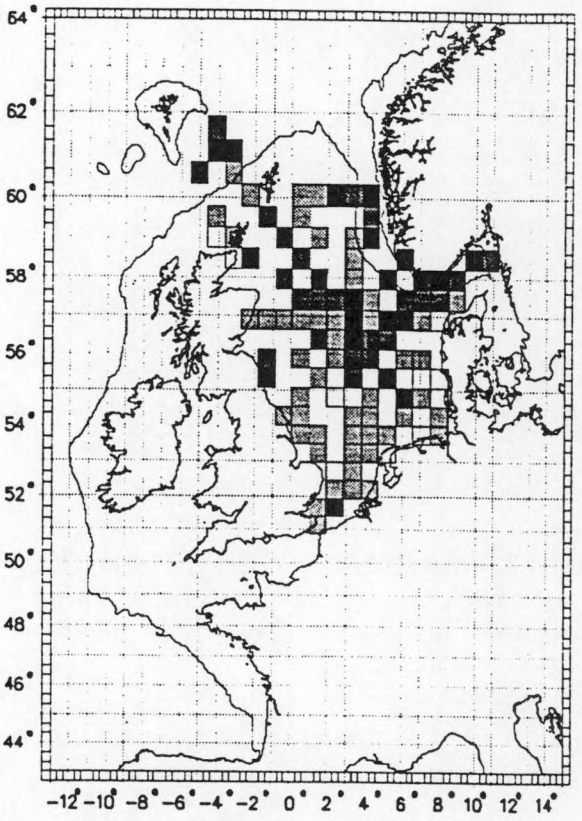


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003030101
ENAME : Van Beusekom
UNITS : MYMOL/L
NO. OF DATA : 513
NO. OF POSITIONS : 123



NO. OF DATA/AREA :
(without longterm data series !)

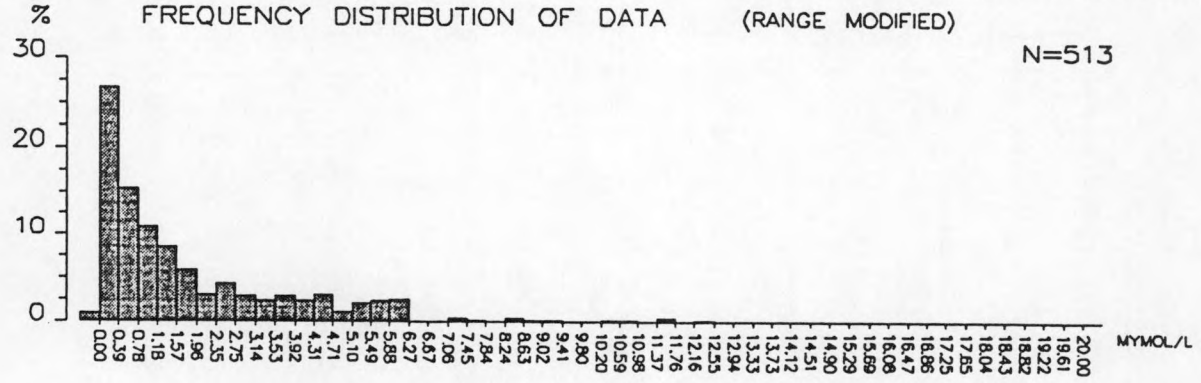
< 14
< 12
< 10
< 8

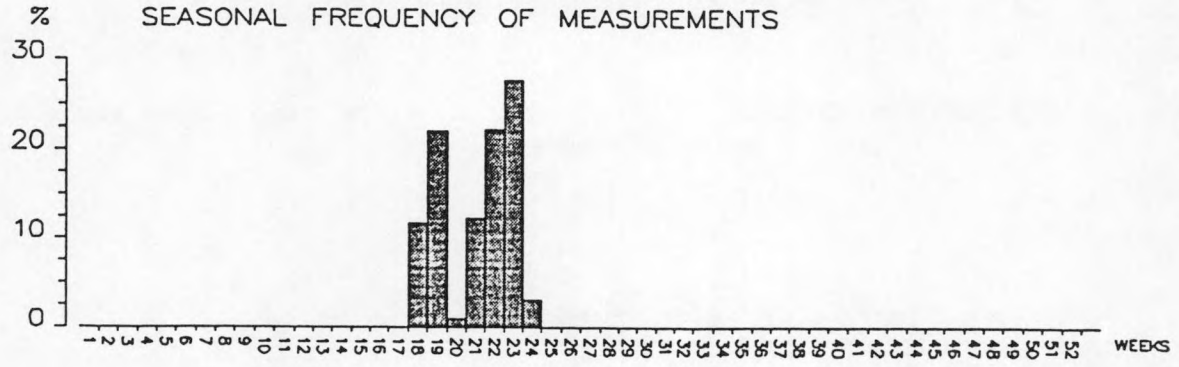
< 6
< 4
< 2
= 0

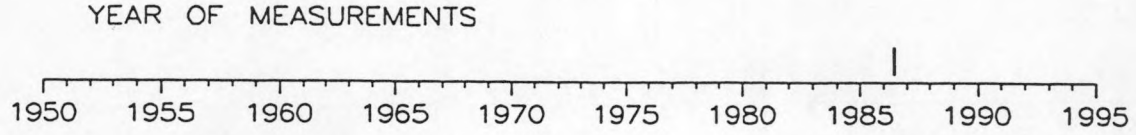
MINIMUM : 0.00
MAXIMUM : 12.23

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003010001

ENAME : ICES

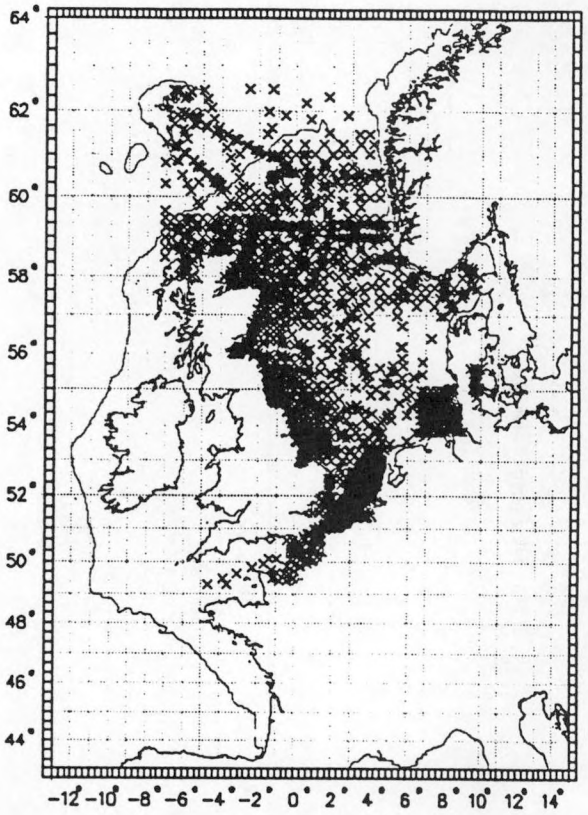
UNITS : MYMOL/L

NO. OF POSITIONS : 3153

NO. OF DATA : 19023

MINIMUM : 0.00

MAXIMUM : 98.70



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

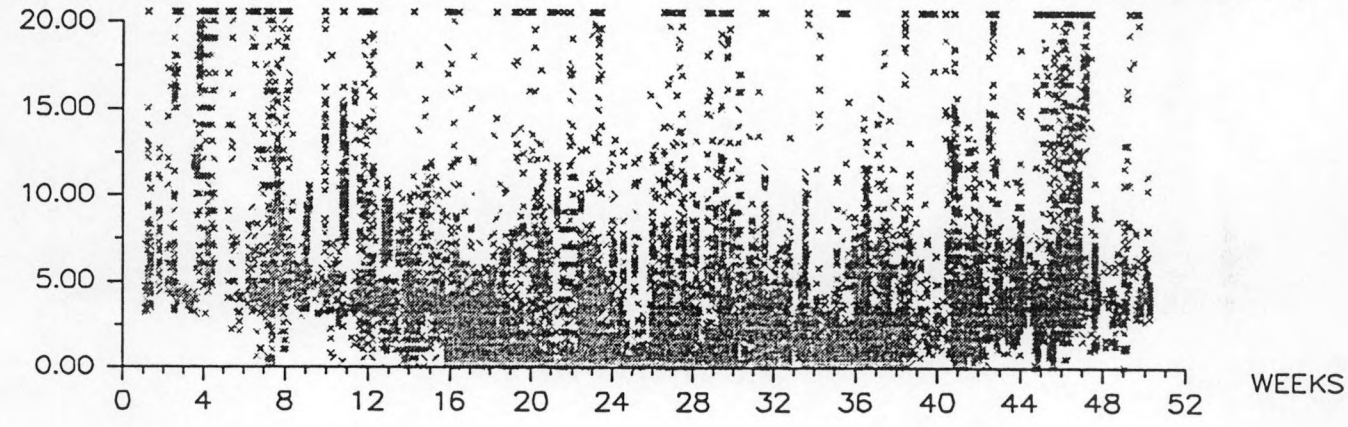
DEPTH–RANGE

UPPER : 0

LOWER : 2000

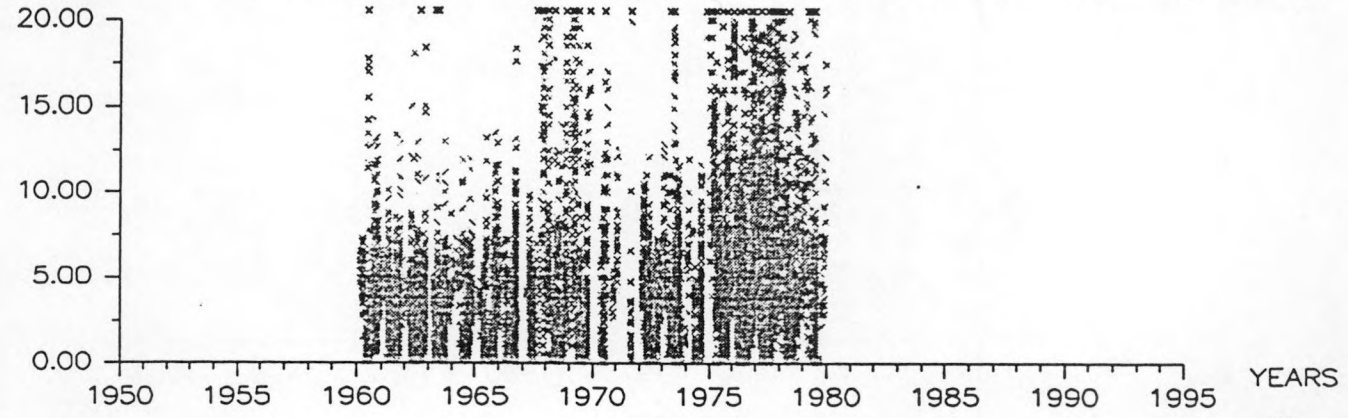
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 632



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 632

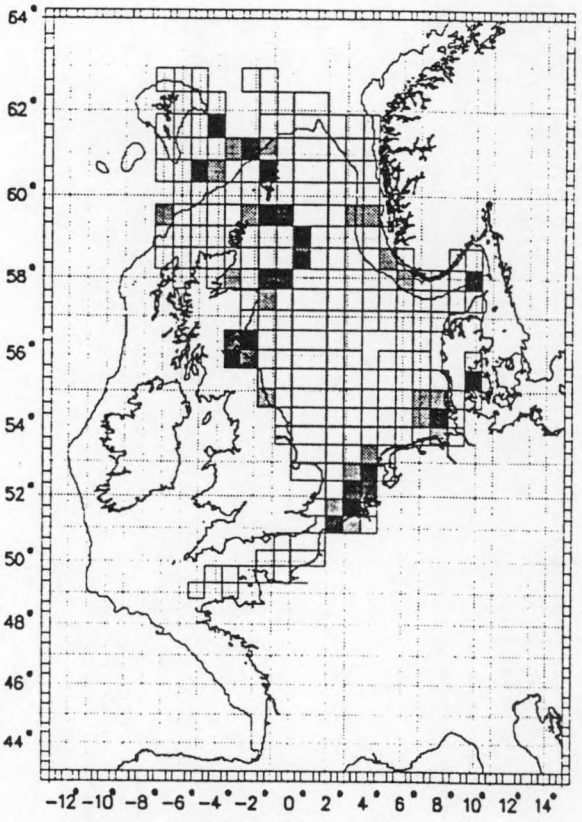


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003010001
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 19023
NO. OF POSITIONS : 3153



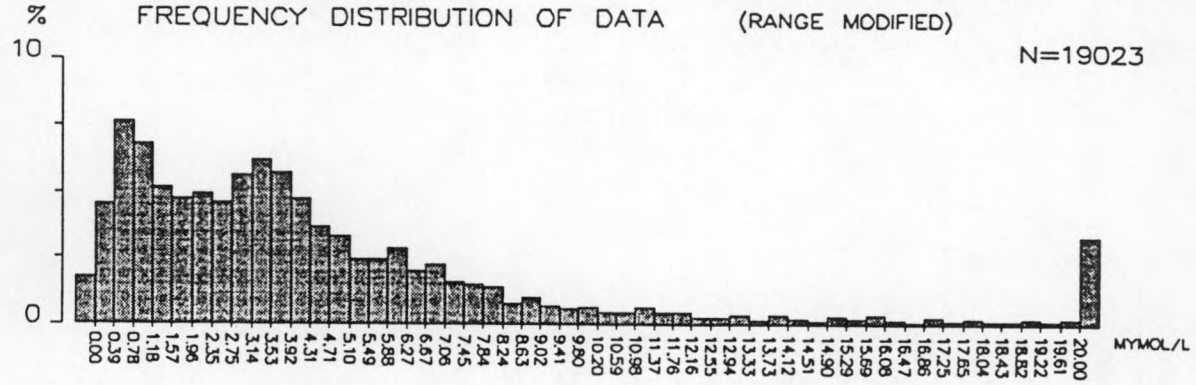
NO. OF DATA/AREA :
(without longterm data series !)

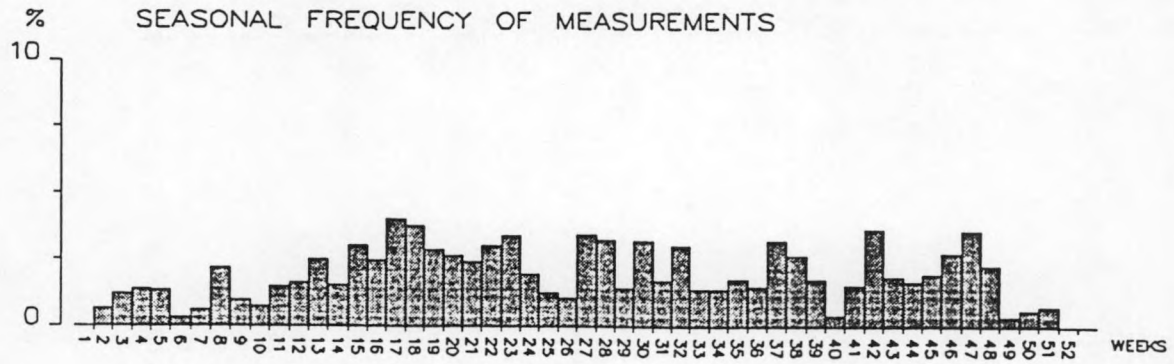
< 894	< 383
< 766	< < 255
< 638	= 127
< 510	= 0

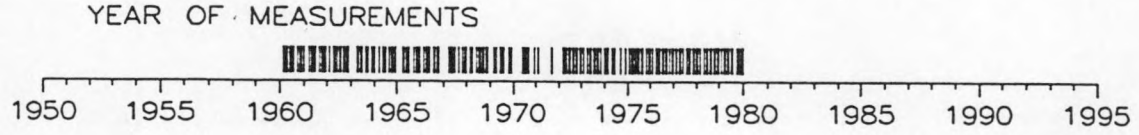
MINIMUM : 0.00
MAXIMUM : 98.70

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003030098

ENAME : ICES

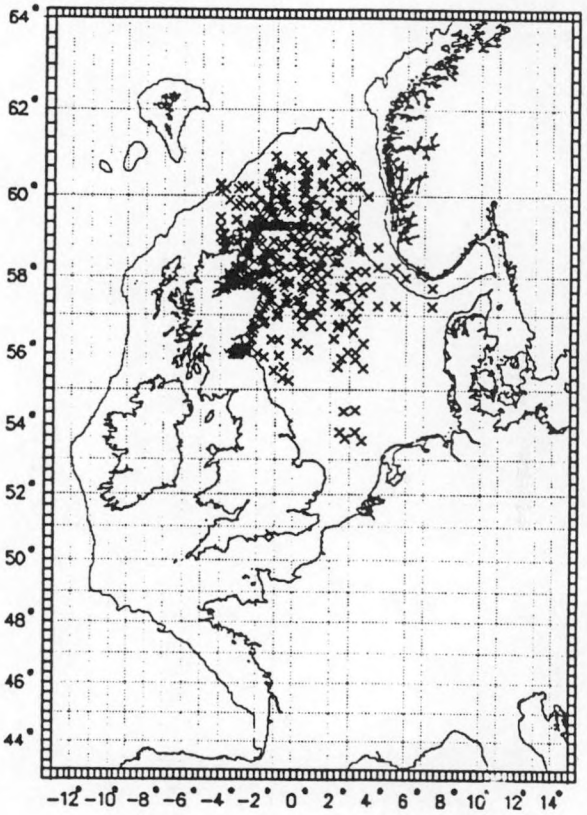
UNITS : MYMOL/L

NO. OF POSITIONS : 512

NO. OF DATA : 1521

MINIMUM : 0.00

MAXIMUM : 16.20



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

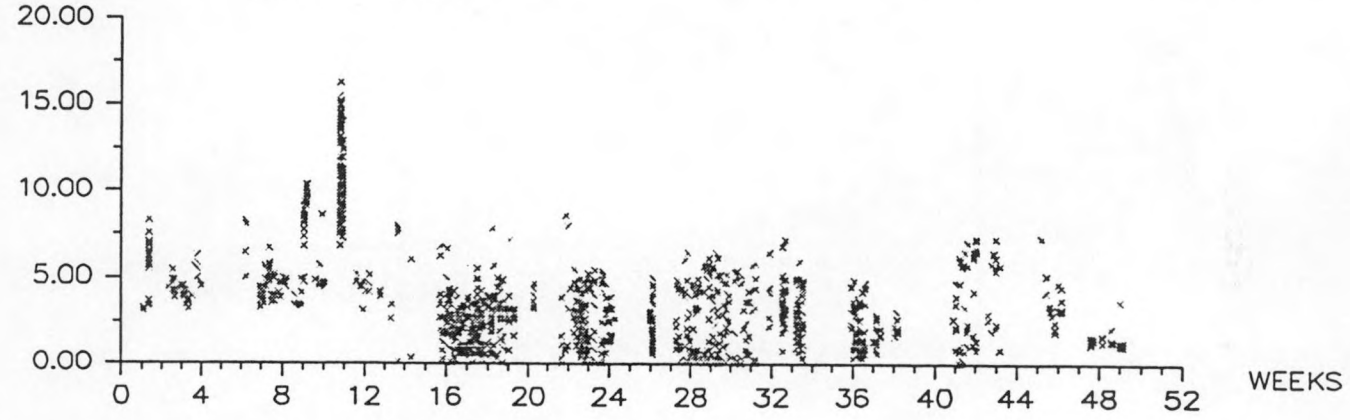
LAST WEEK : 53

DEPTH–RANGE

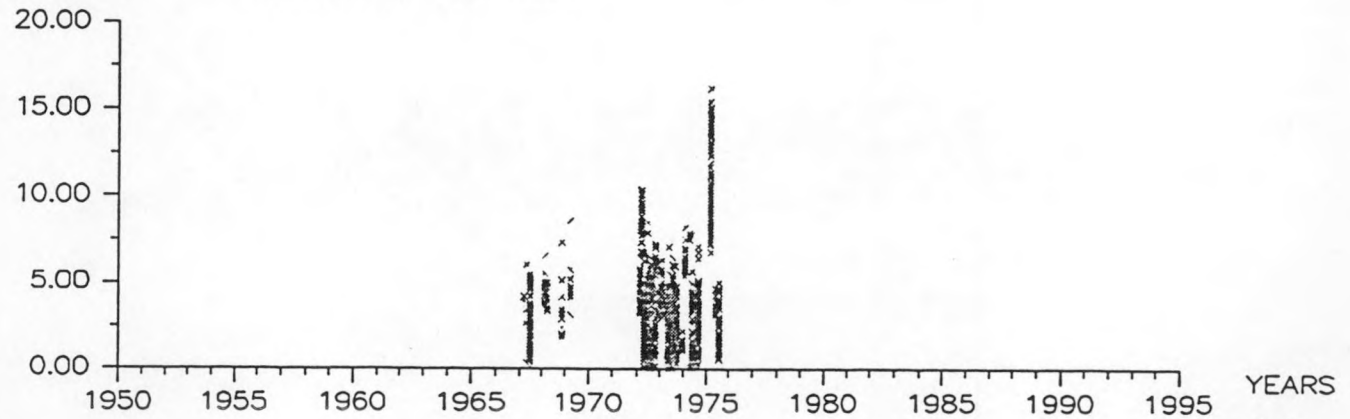
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



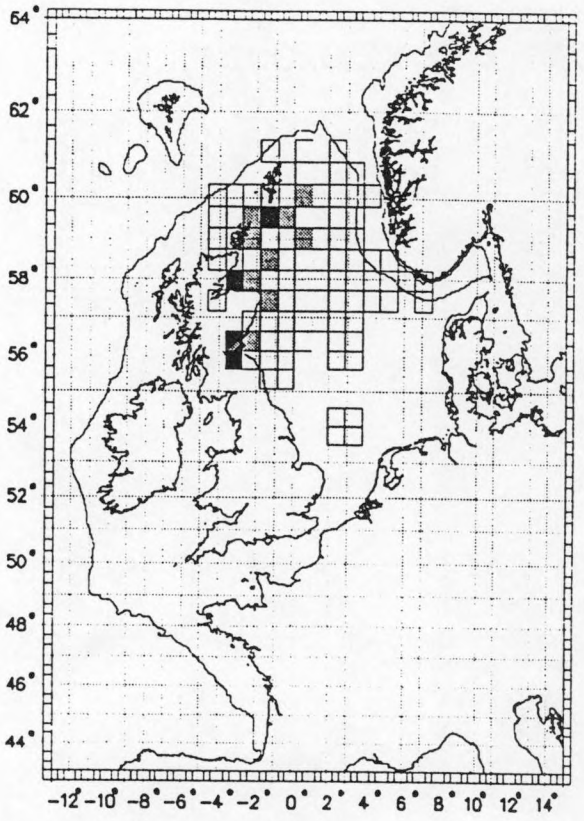
96–06–18

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003030098
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 1521
NO. OF POSITIONS : 512



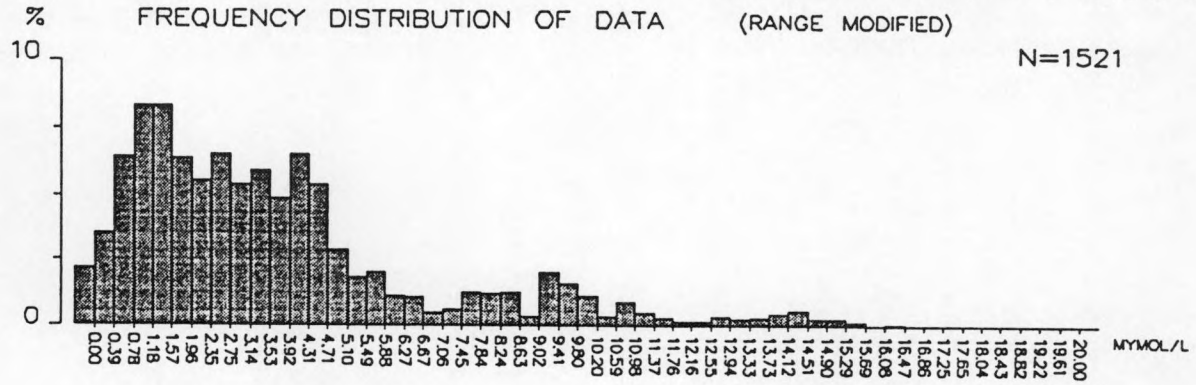
NO. OF DATA/AREA :
(without longterm data series !)

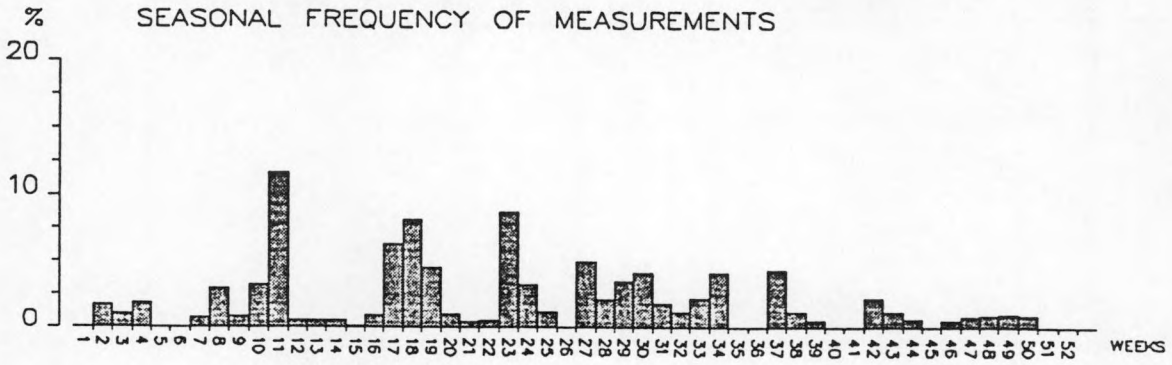
< 204	< 87
< 174	< 58
< 145	< 29
< 116	= 0

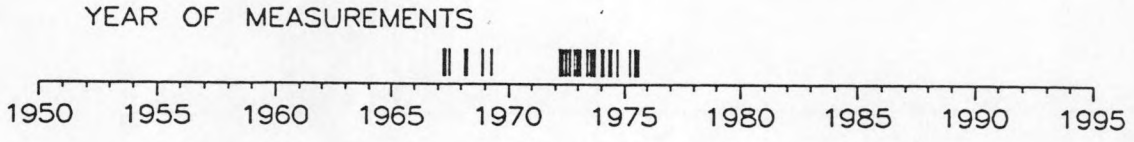
MINIMUM : 0.00
MAXIMUM : 16.20

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003030099

ENAME : ICES

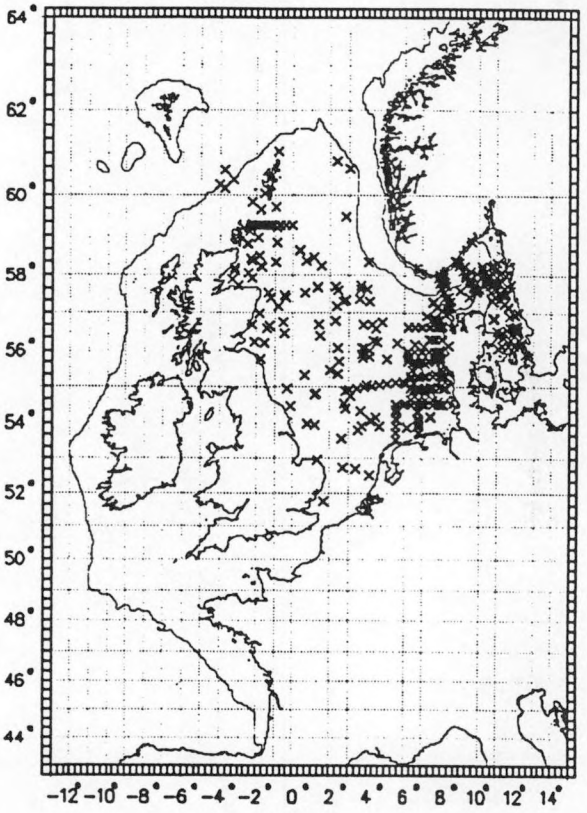
UNITS : MYMOL/L

NO. OF POSITIONS : 564

NO. OF DATA : 4286

MINIMUM : 0.10

MAXIMUM : 29.50



MODIFICATIONS

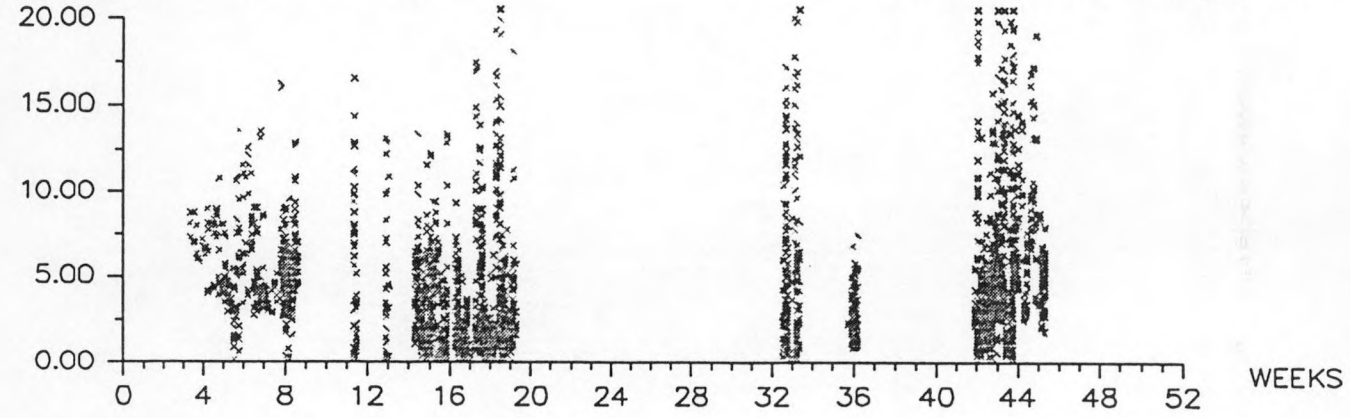
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0
LOWER : 2000

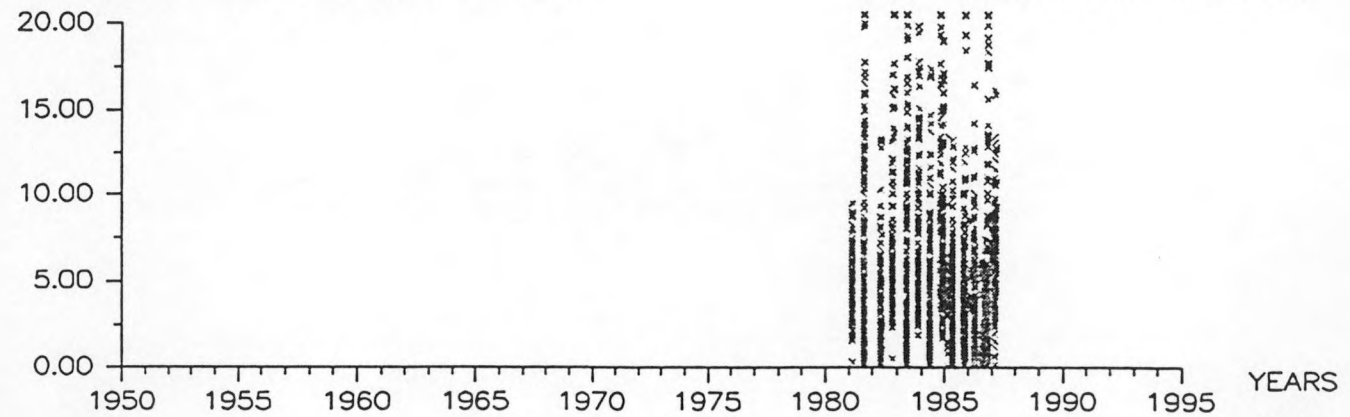
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 15



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 15



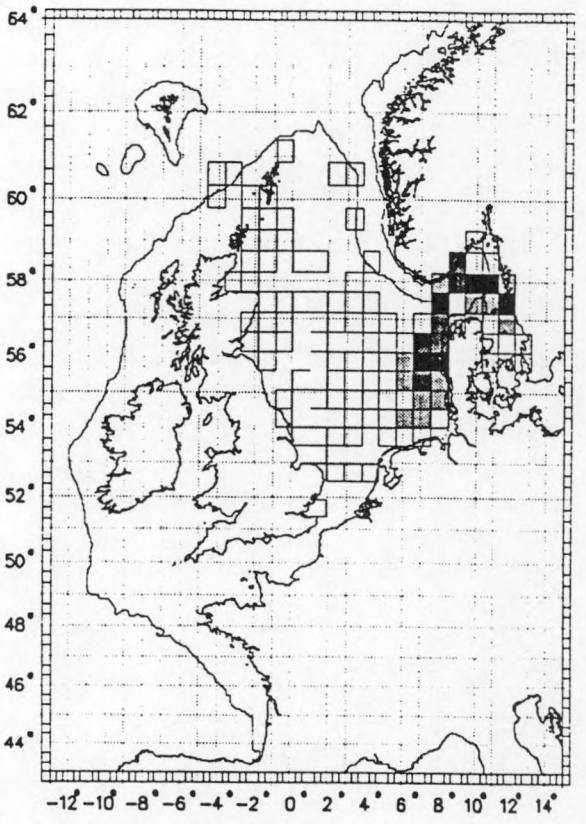
96–06–18

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003030099
ENAME : ICES
UNITS : MYMOL/L
NO. OF DATA : 4286
NO. OF POSITIONS : 564



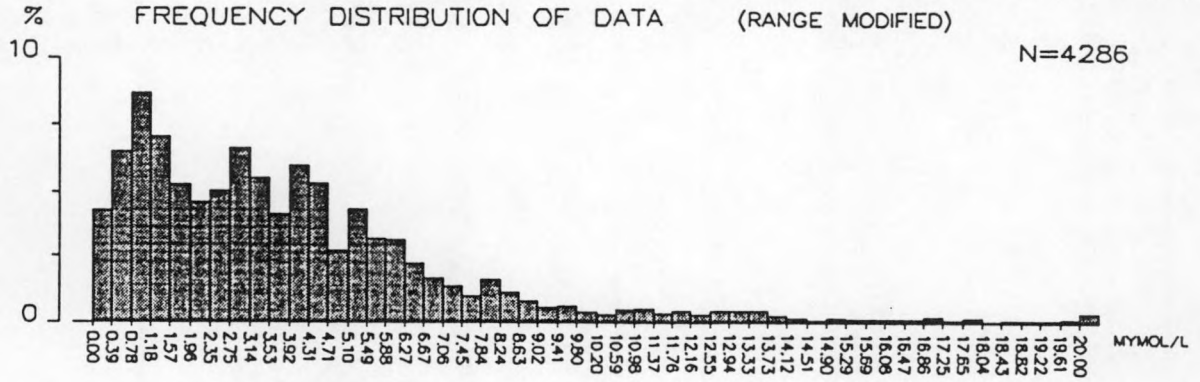
NO. OF DATA/AREA :
(without longterm data series !)

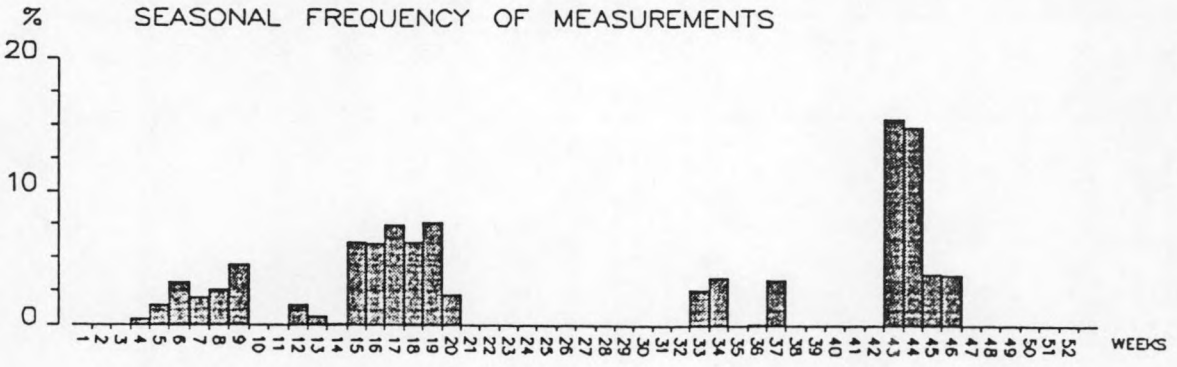
< 352	< 150
< 301	< 100
< 251	< 50
< 201	= 0

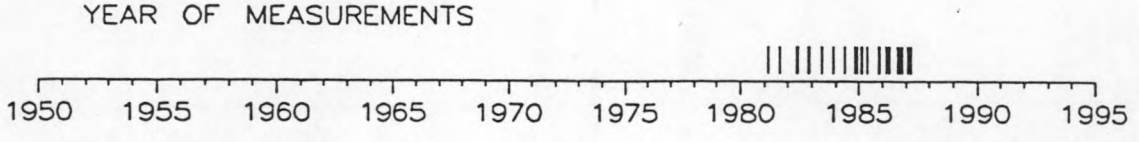
MINIMUM : 0.10
MAXIMUM : 29.50

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003030098

ENAME : ICES/SMHI

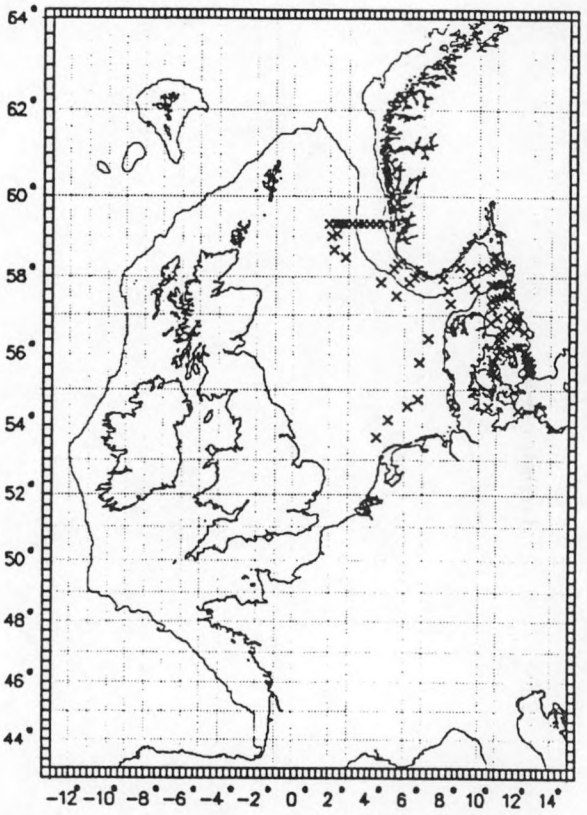
UNITS : MYMOL/L

NO. OF POSITIONS : 101

NO. OF DATA : 1701

MINIMUM : 0.10

MAXIMUM : 31.50



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

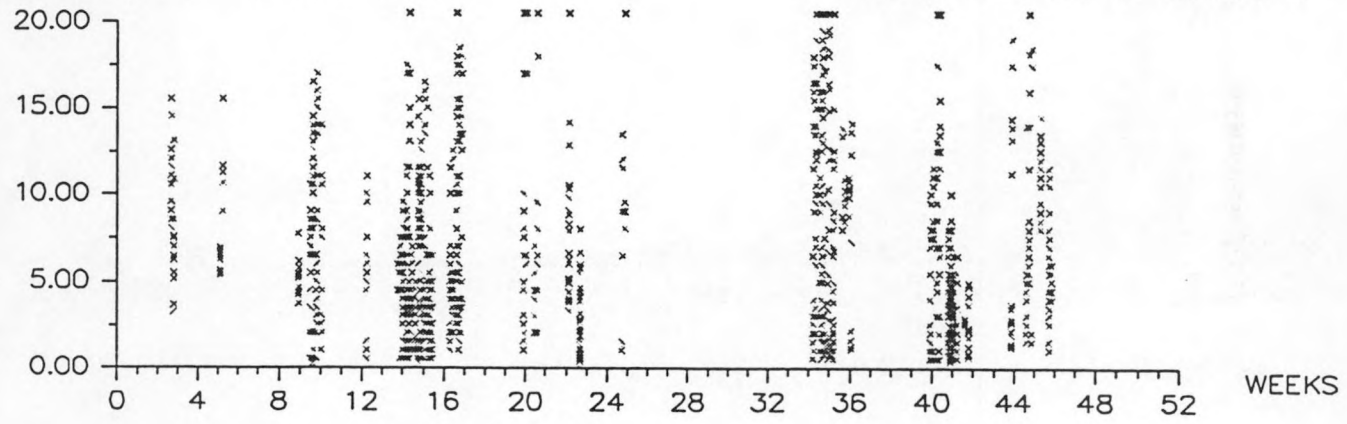
DEPTH–RANGE

UPPER : 0

LOWER : 2000

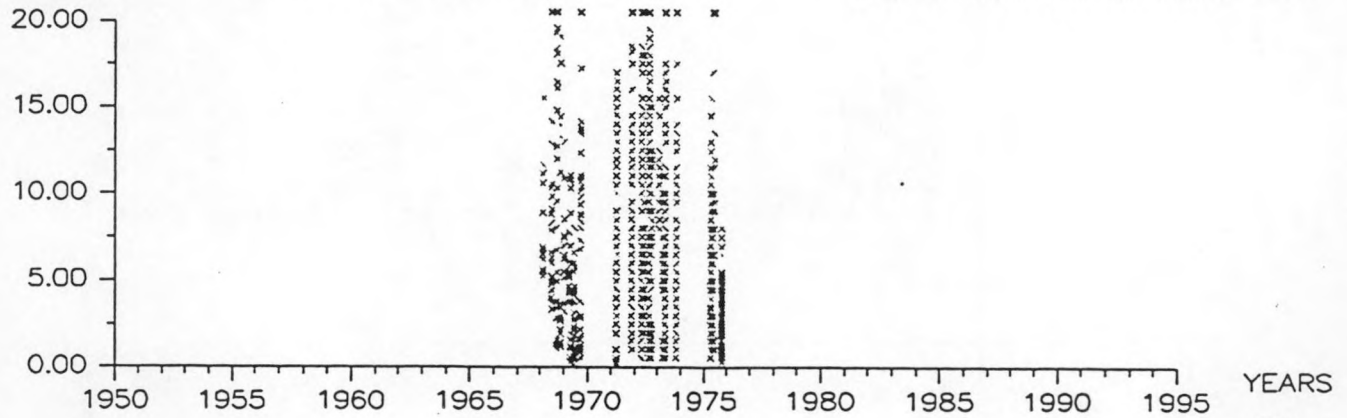
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 47



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 47

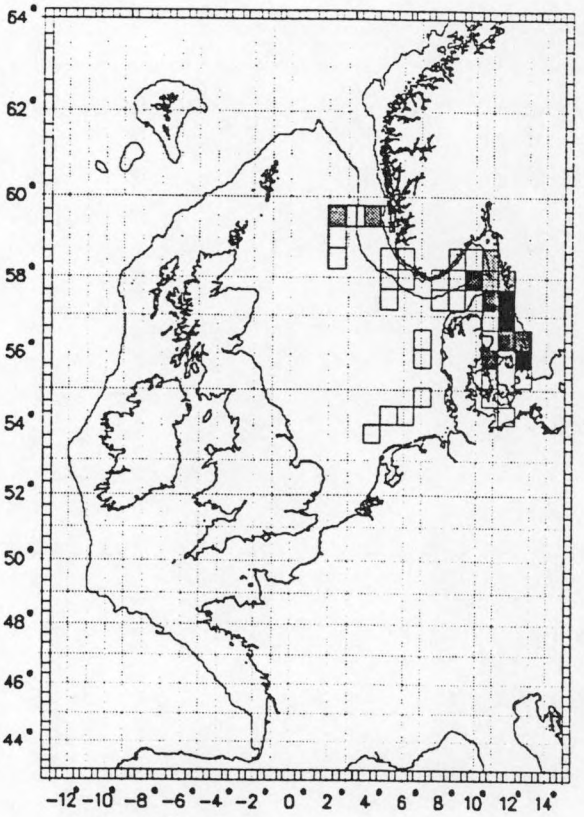


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003030098
ENAME : ICES/SMHI
UNITS : MYMOL/L
NO. OF DATA : 1701
NO. OF POSITIONS : 101



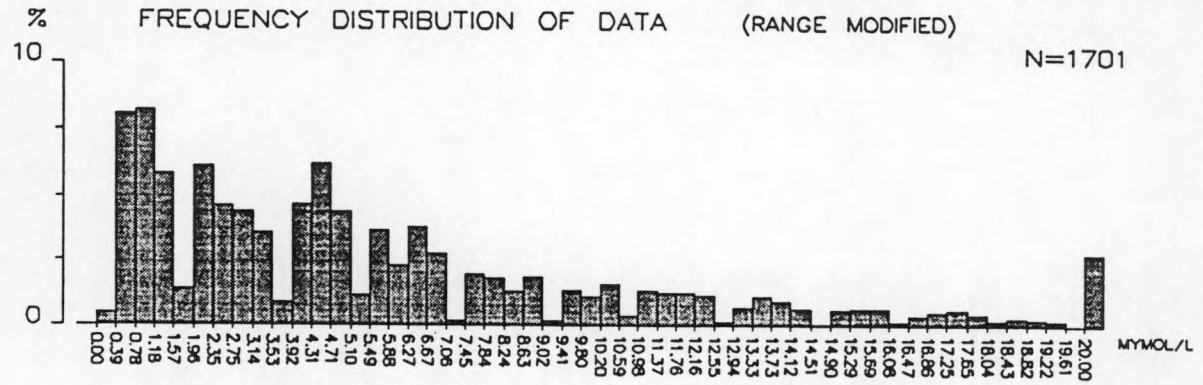
NO. OF DATA/AREA :
(without longterm data series !)

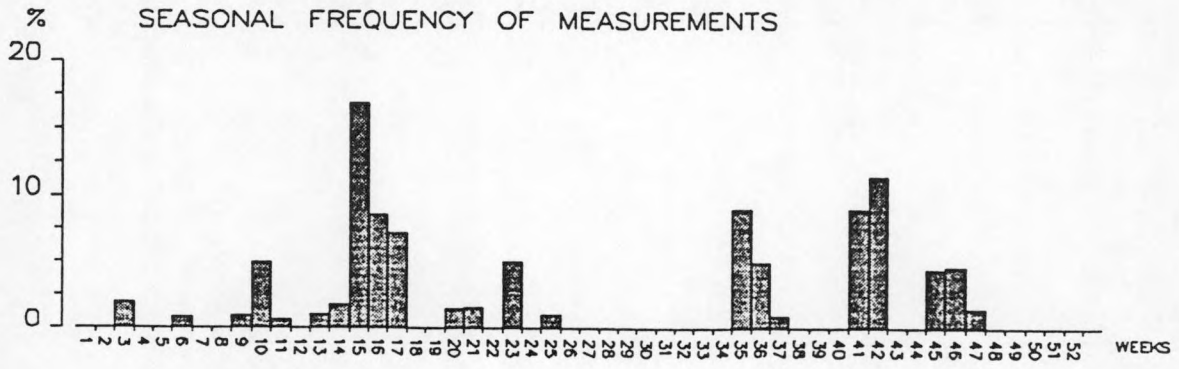
< 266	< 114
< < 228	< < < 76
< < 190	< < < < 38
< 152	= 0

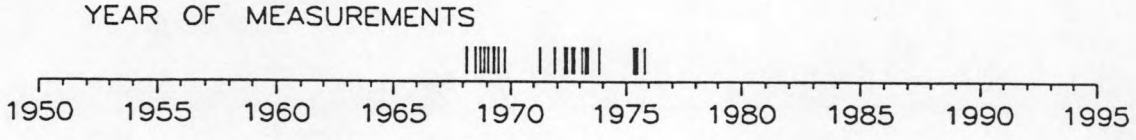
MINIMUM : 0.10
MAXIMUM : 31.50

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003036801

ENAME : IMR/Danielssen, D. S.

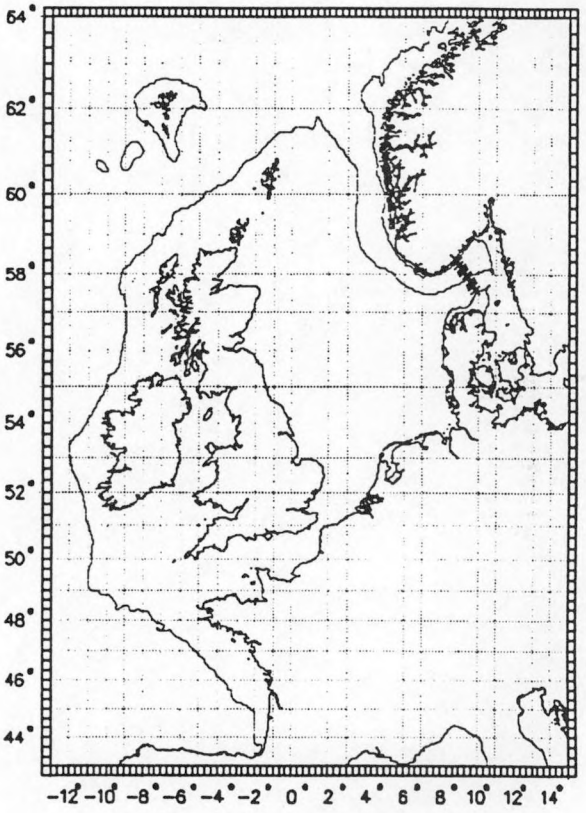
UNITS : MYMOL/L

NO. OF POSITIONS : 13

NO. OF DATA : 5873

MINIMUM : 0.01

MAXIMUM : 21.48



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

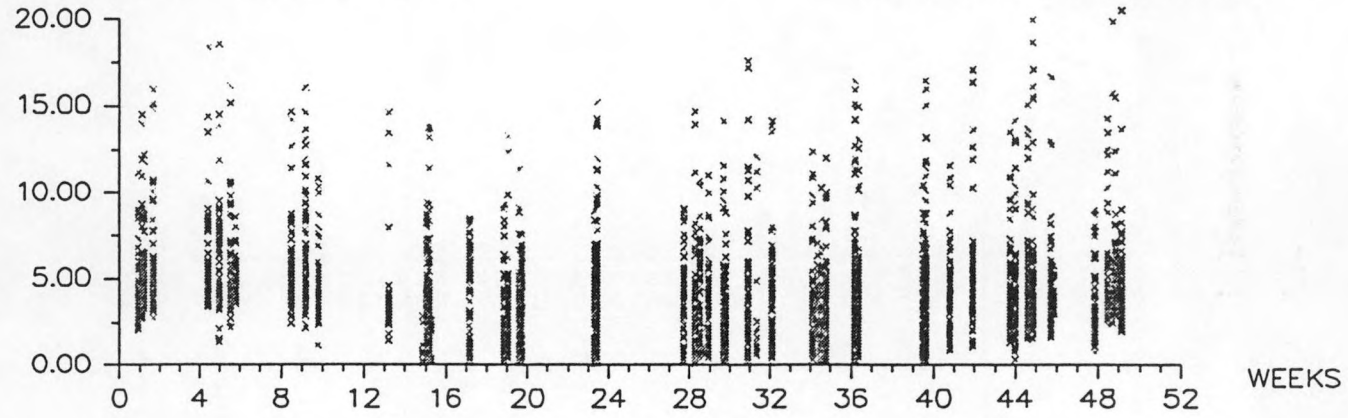
DEPTH–RANGE

UPPER : 0

LOWER : 2000

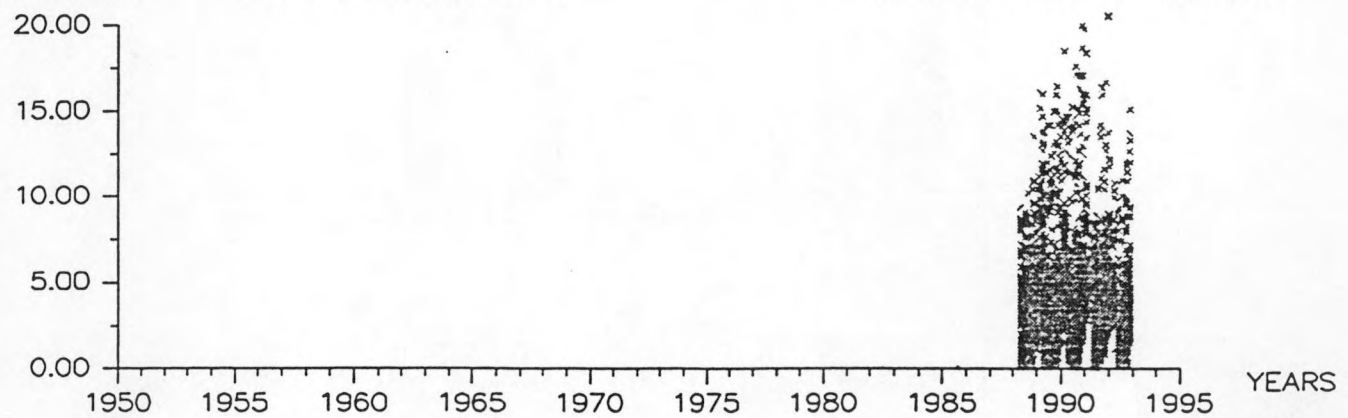
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 1



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 1



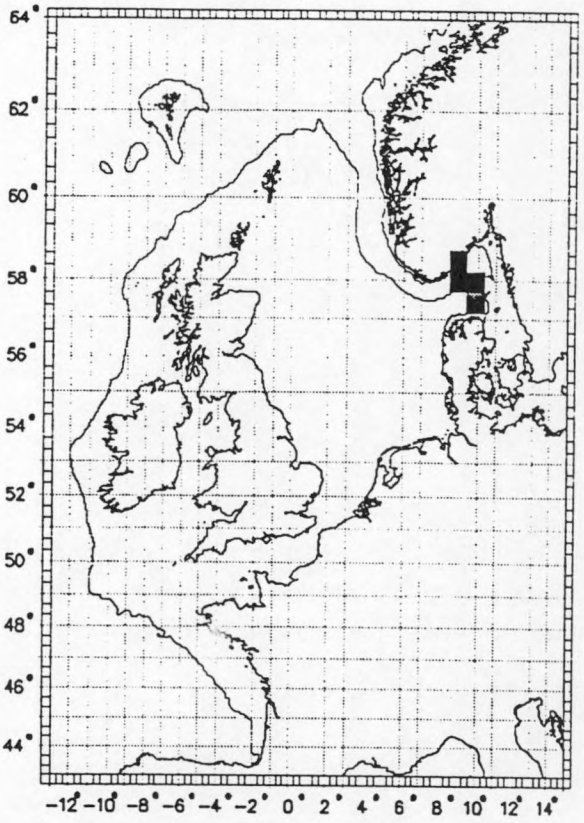
96–06–18

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003036801
ENAME : IMR/Danielssen, D. S.
UNITS : MYMOL/L
NO. OF DATA : 5873
NO. OF POSITIONS : 13



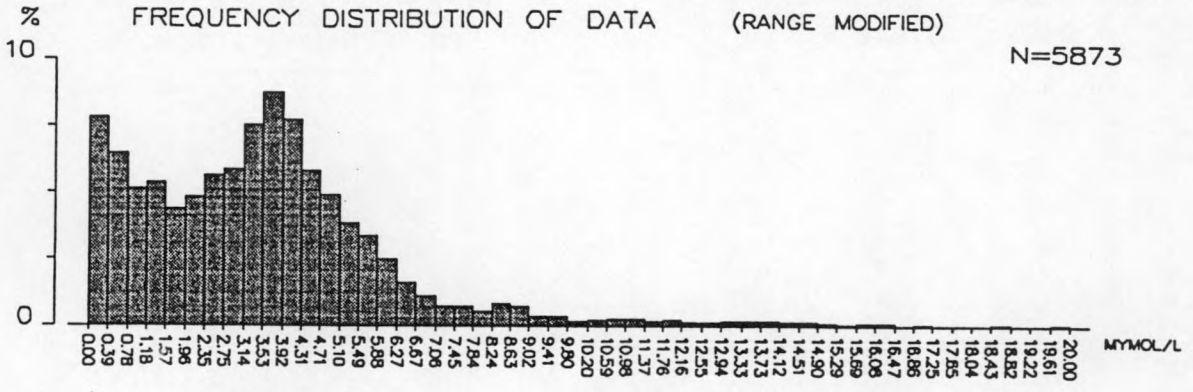
NO. OF DATA/AREA :
(without longterm data series !)

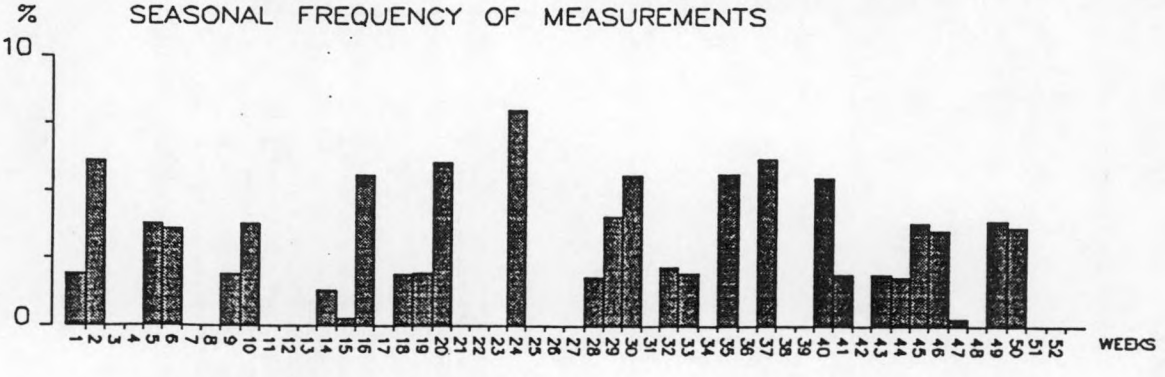
< 2069	< 886
< 1773	< 591
< 1477	< 295
< 1182	= 0

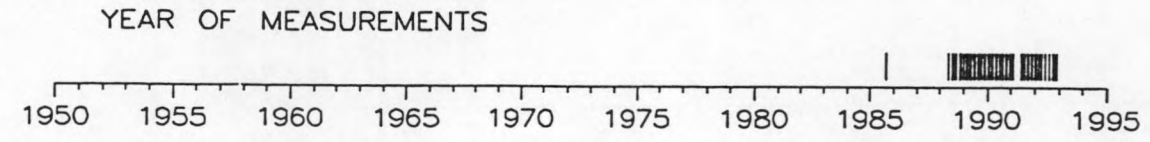
MINIMUM : 0.01
MAXIMUM : 21.48

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003016801

ENAME : IMR/Hageboe M., Foyn,

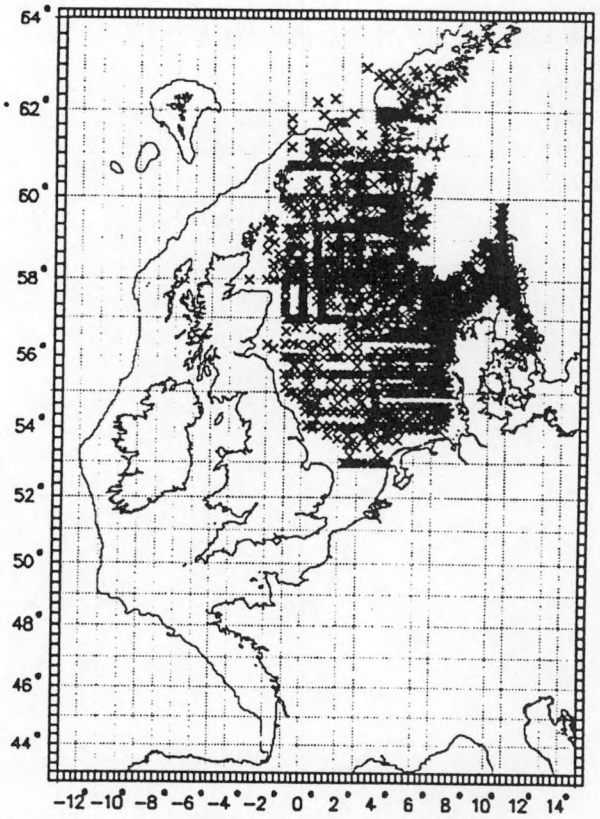
UNITS : MYMOL/L

NO. OF POSITIONS : 5008

NO. OF DATA : 54290

MINIMUM : 0.00

MAXIMUM : 66.60



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

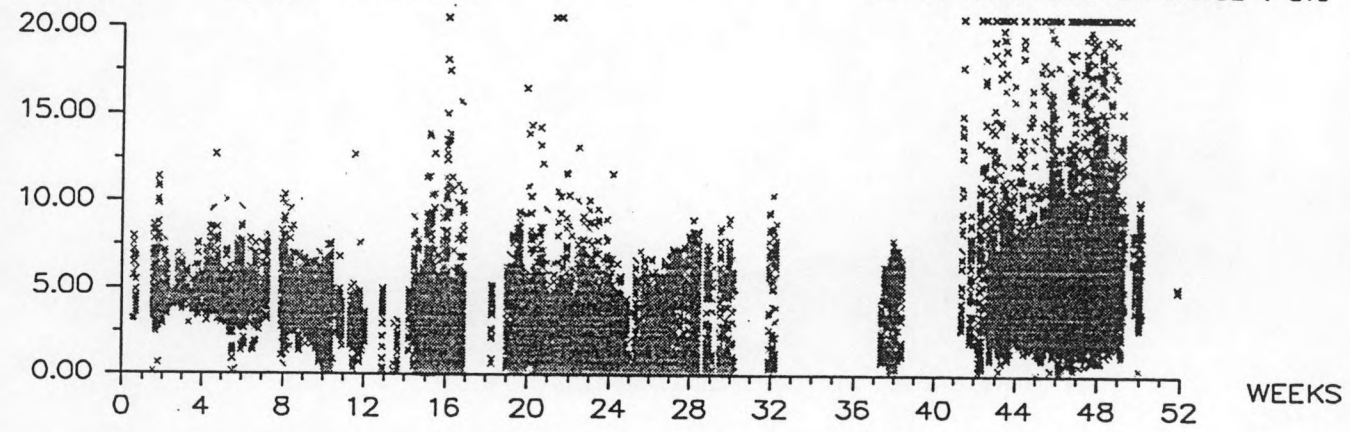
DEPTH–RANGE

UPPER : 0

LOWER : 2000

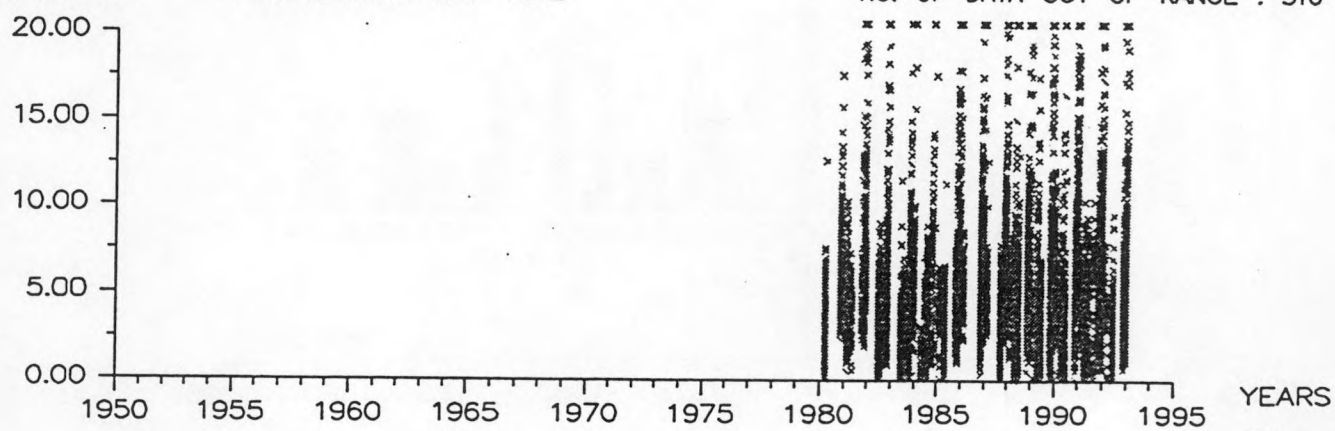
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 310



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 310



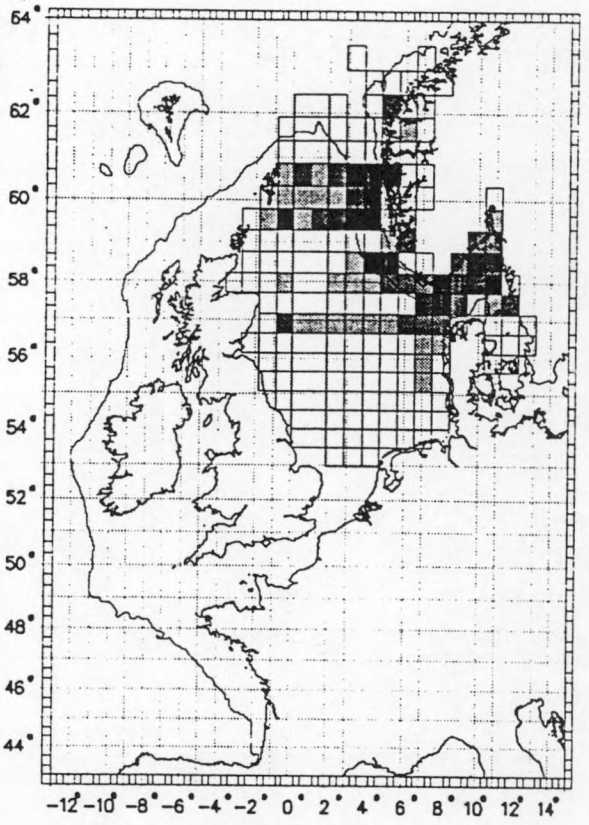
96–06–18

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003016801
ENAME : IMR/Hageboe M., Foyn, .
UNITS : MYMOL/L
NO. OF DATA : 54290
NO. OF POSITIONS : 5008



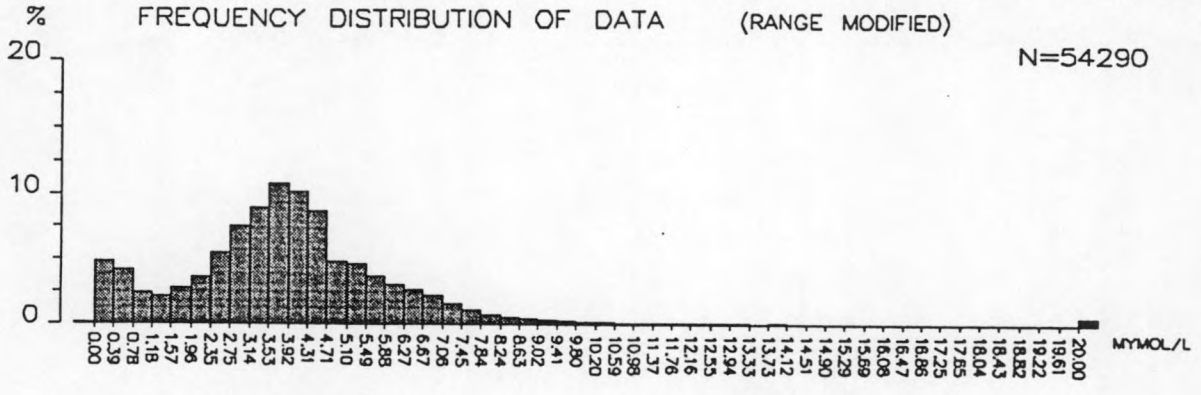
NO. OF DATA/AREA :
(without longterm data series !)

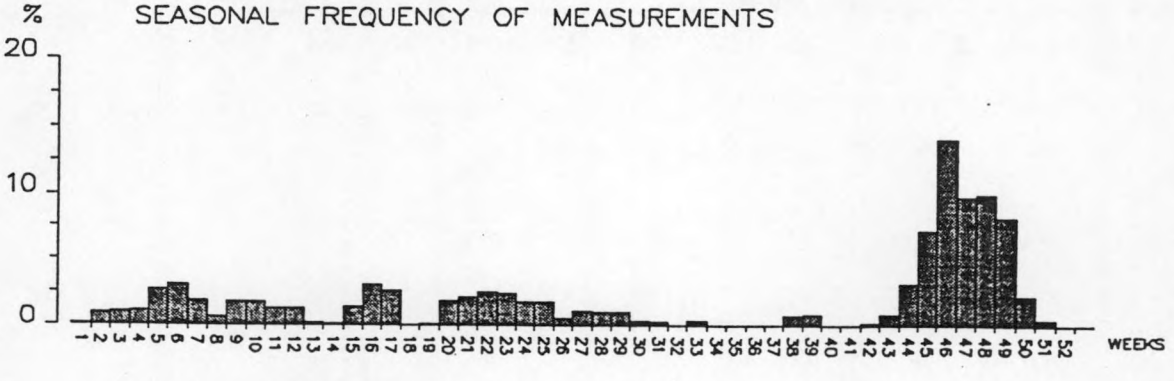
<	1760	<	754
<	1508	<	502
<	1257	<	251
<	1005	=	0

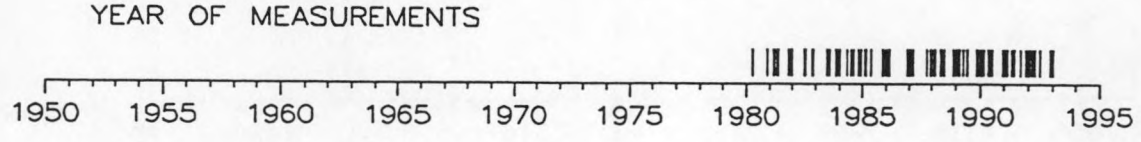
MINIMUM : 0.00
MAXIMUM : 66.60

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003020001

ENAME : IOCB/Brockmann, U., Un.

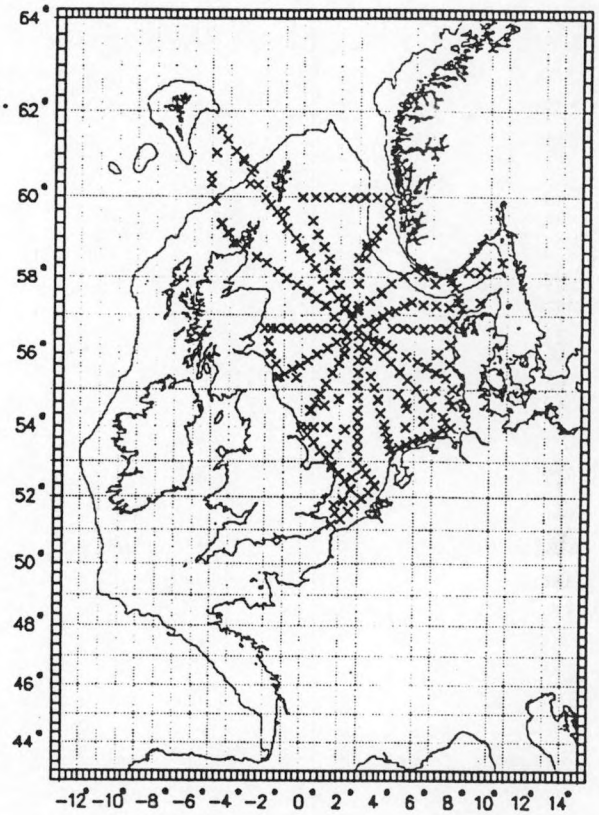
UNITS : MYMOL/L

NO. OF POSITIONS : 345

NO. OF DATA : 2487

MINIMUM : 0.00

MAXIMUM : 56.76



NO. OF DATA OUT OF RANGE : 37

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

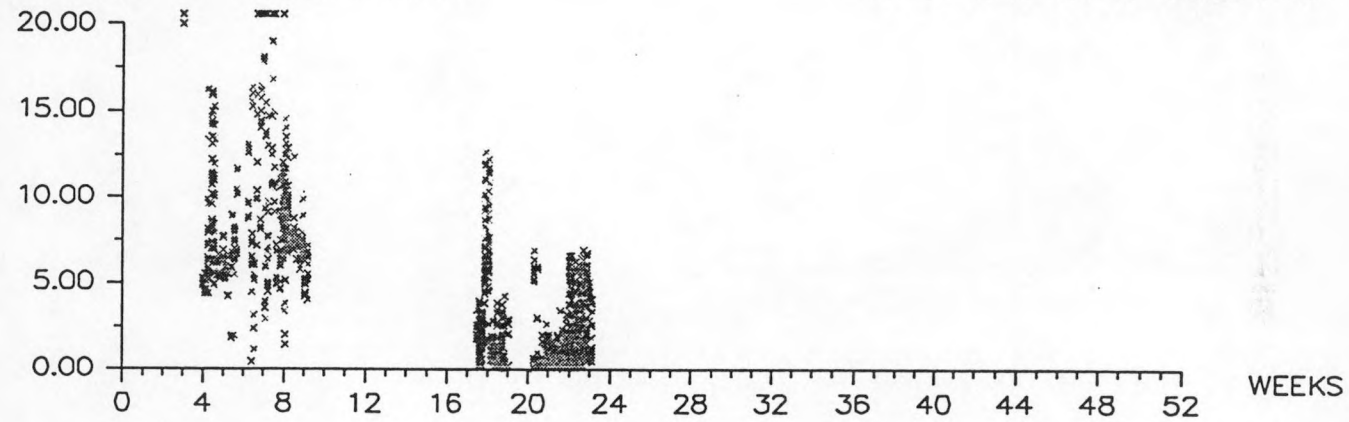
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

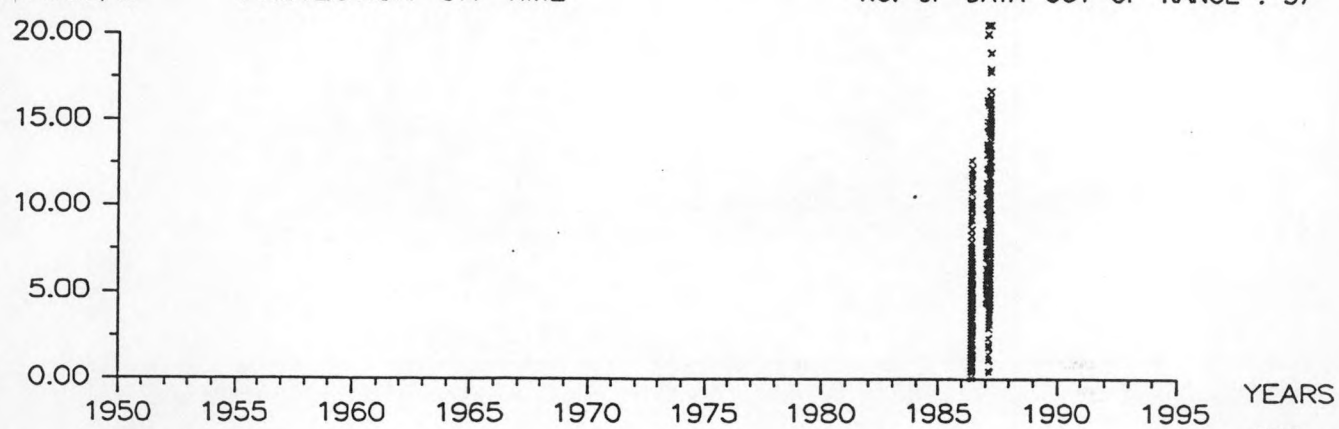
LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 37



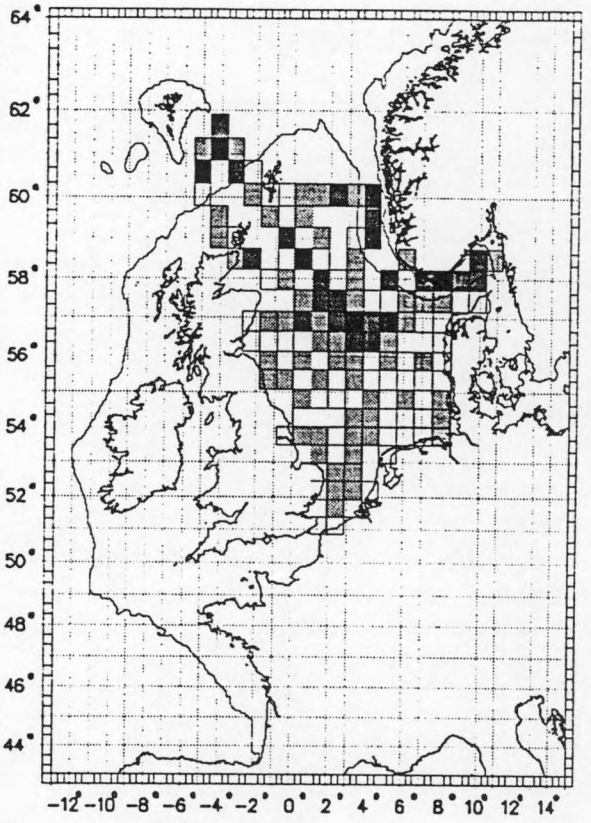
96–06–18

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003020001
ENAME : IOCB/Brockmann, U., Un.
UNITS : MYMOL/L
NO. OF DATA : 2487
NO. OF POSITIONS : 345



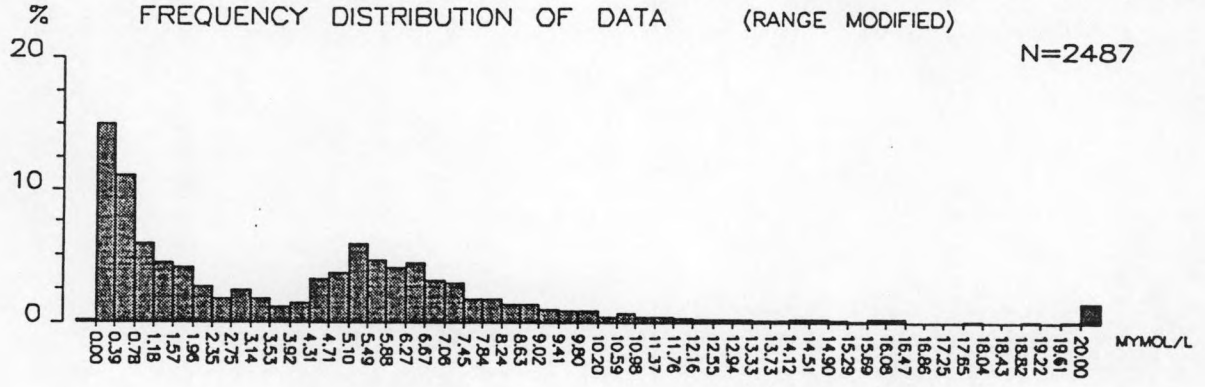
NO. OF DATA/AREA :
(without longterm data series !)

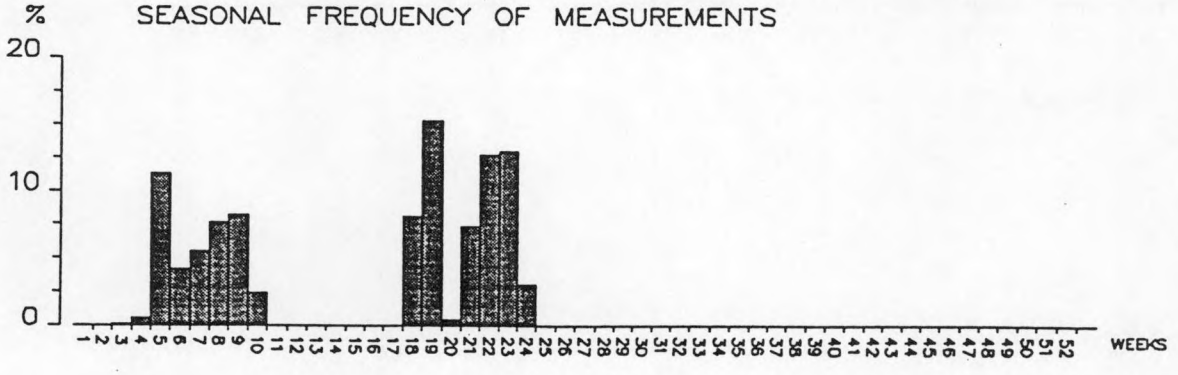
<	84	<	36
<	72	<	24
<	60	<	12
<	48	=	0

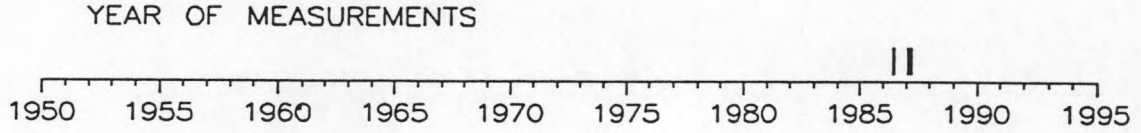
MINIMUM : 0.00
MAXIMUM : 56.76

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003035101

ENAME : MBA/Southward, A.J.

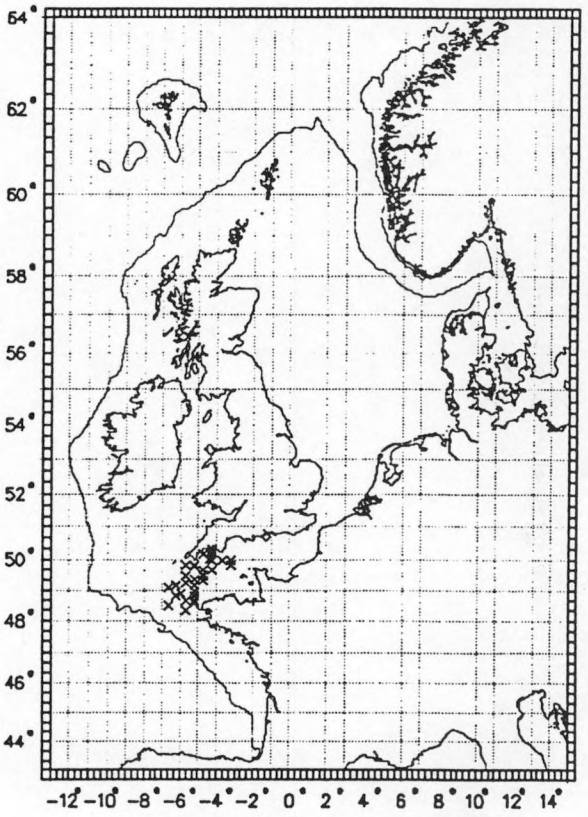
UNITS : MYMOL/L

NO. OF POSITIONS : 33

NO. OF DATA : 3871

MINIMUM : 0.00

MAXIMUM : 16.83



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

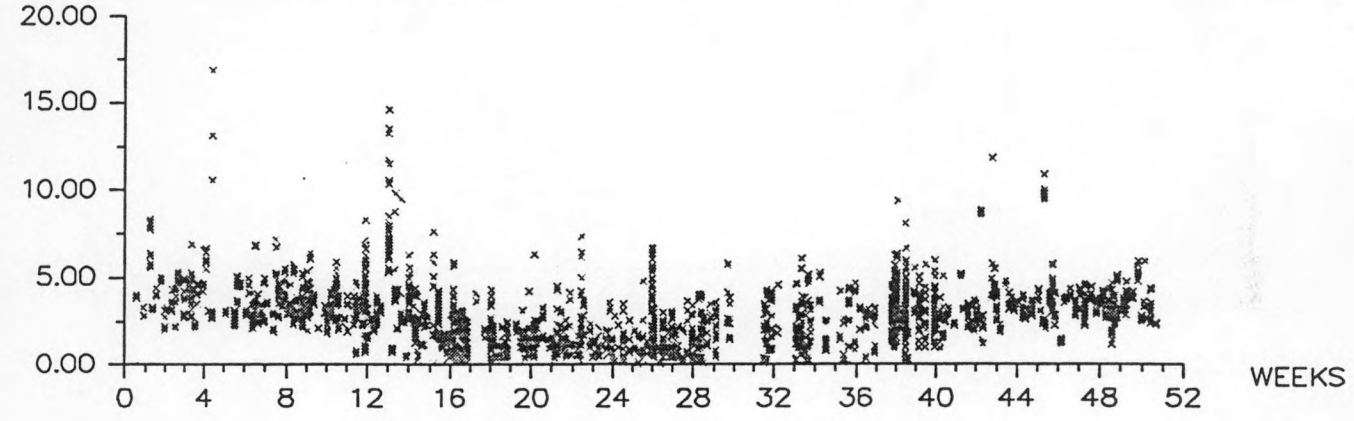
LAST WEEK : 53

DEPTH–RANGE

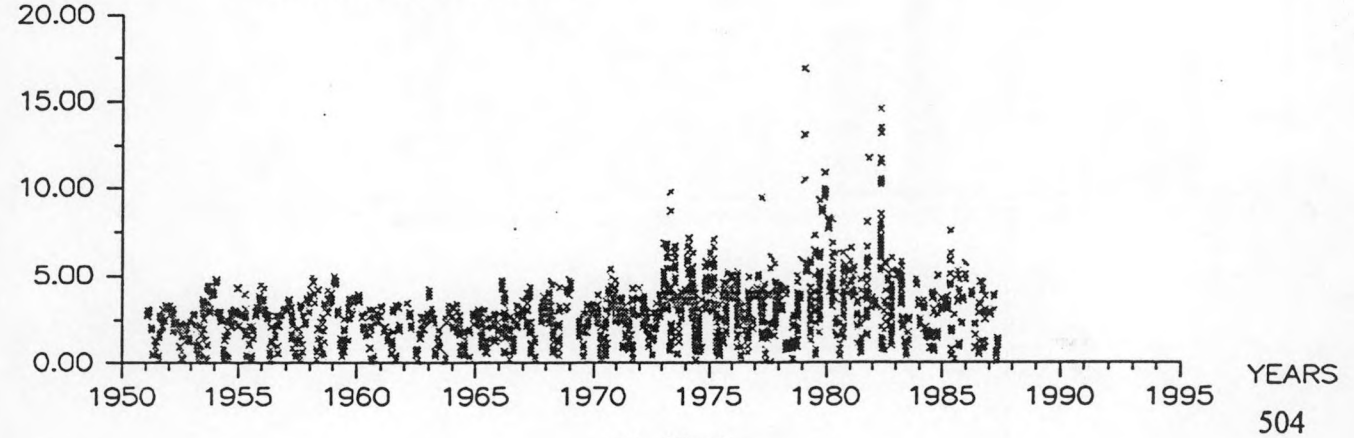
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



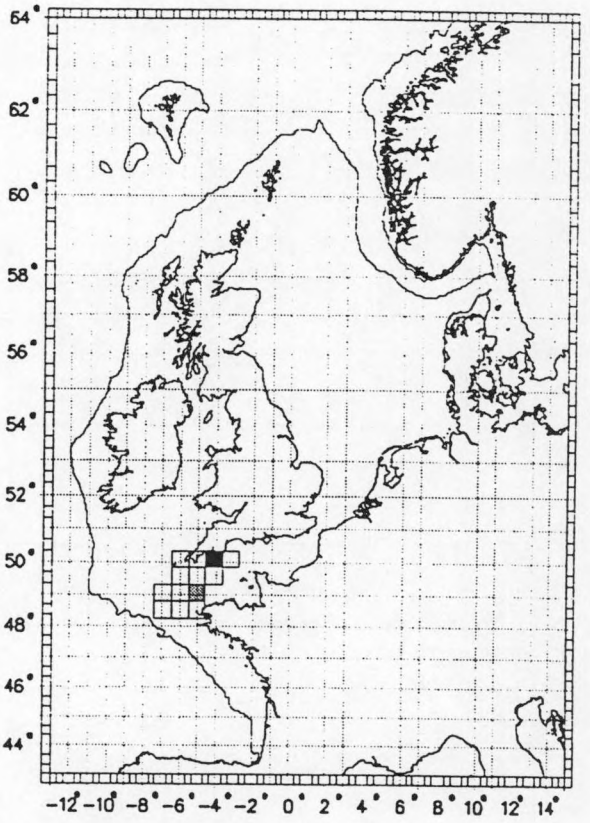
96–06–18

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003035101
ENAME : MBA/Southward, A.J.
UNITS : MYMOL/L
NO. OF DATA : 3871
NO. OF POSITIONS : 33



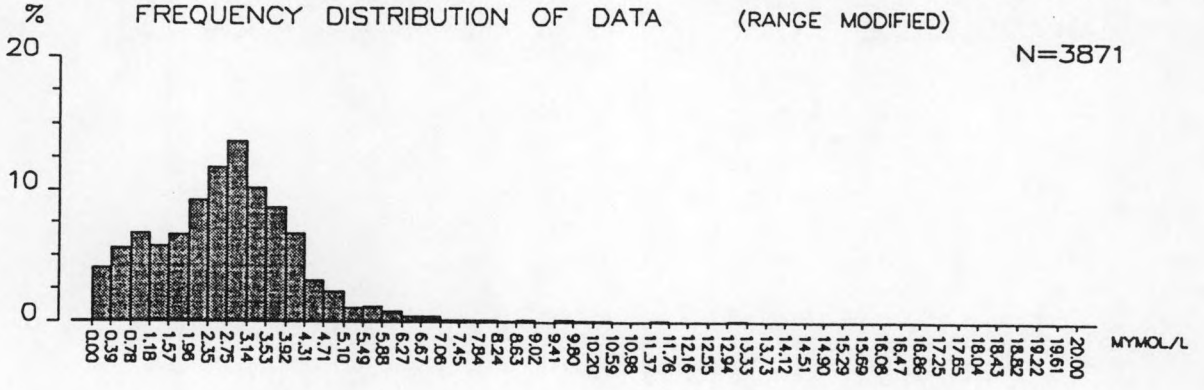
NO. OF DATA/AREA :
(without longterm data series !)

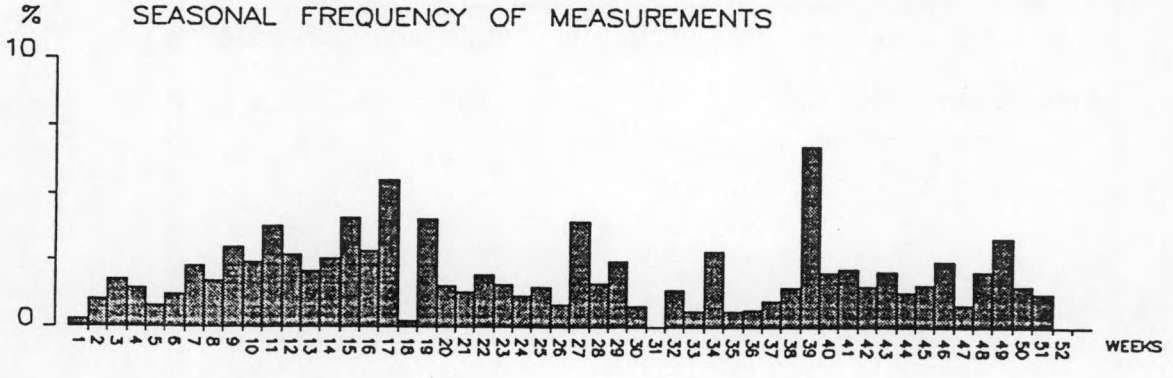
< 2994	< 1283
< 2566	< 855
< 2138	< 427
< 1710	= 0

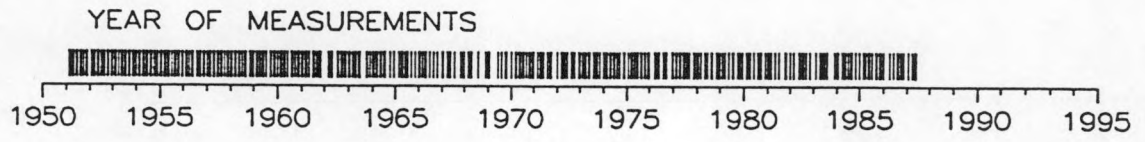
MINIMUM : 0.00
MAXIMUM : 16.83

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003101701

ENAME : MUMM (OOST)

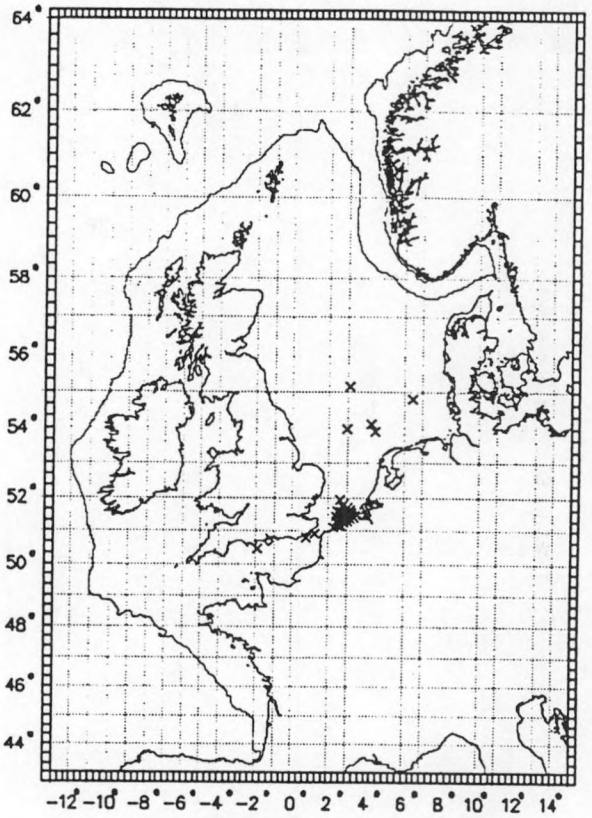
UNITS : MYMOL/L

NO. OF POSITIONS : 41

NO. OF DATA : 303

MINIMUM : 0.03

MAXIMUM : 37.00



NO. OF DATA OUT OF RANGE : 23

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

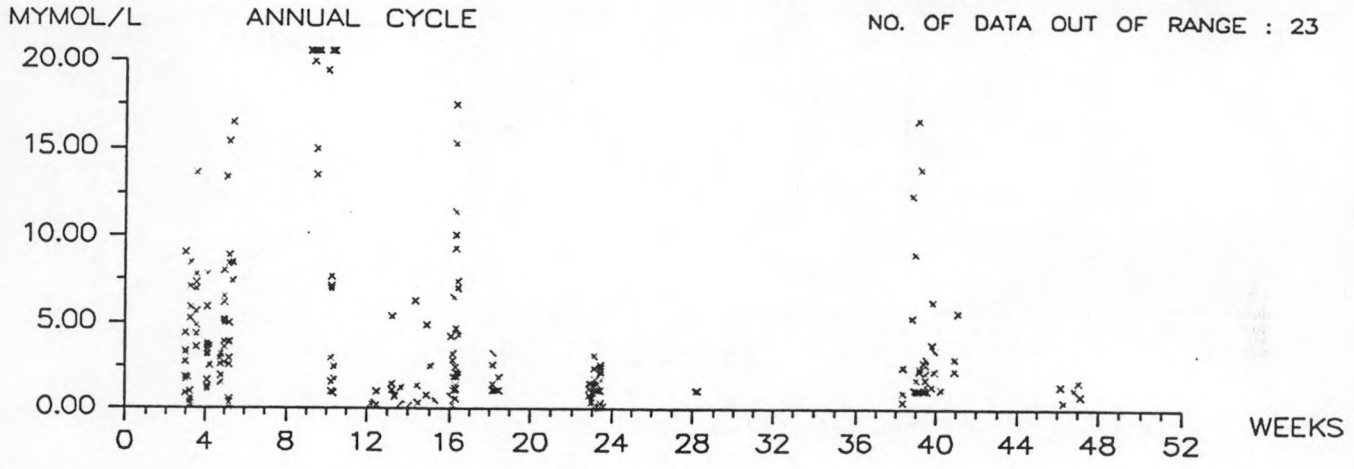
FIRST WEEK : 1

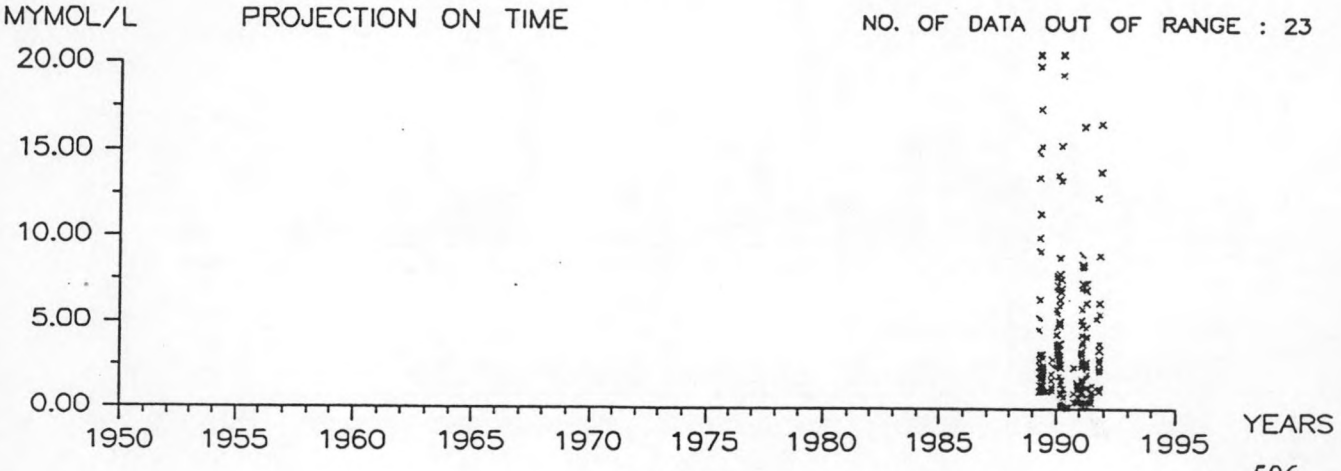
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



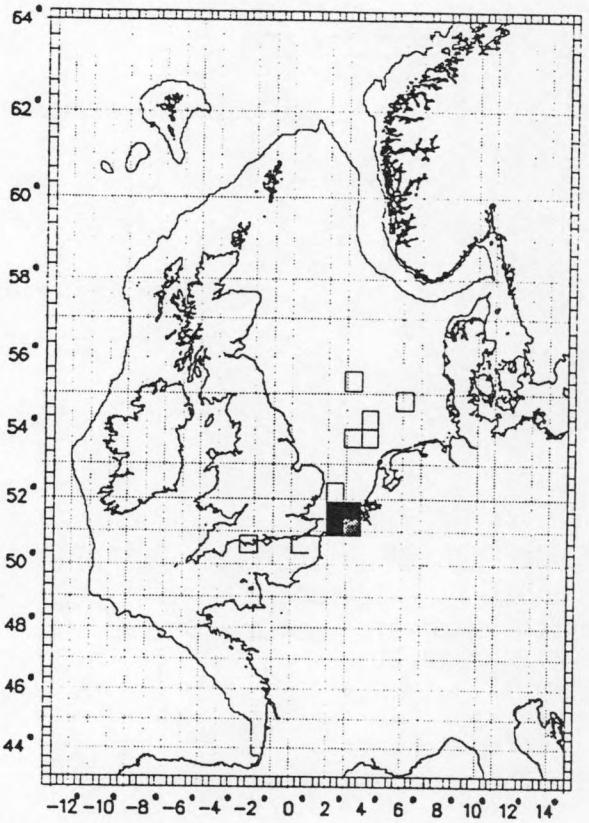


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003101701
ENAME : MUMM (OOST)
UNITS : MYMOL/L
NO. OF DATA : 303
NO. OF POSITIONS : 41



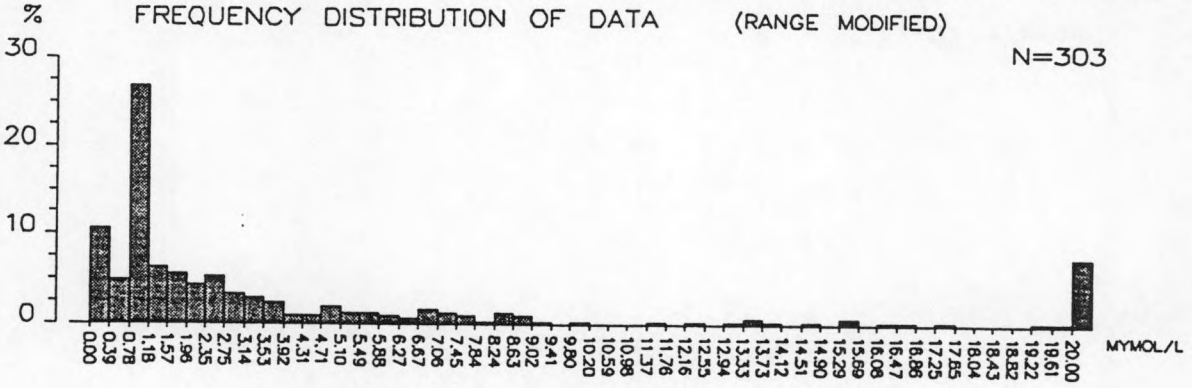
NO. OF DATA/AREA :
(without longterm data series !)

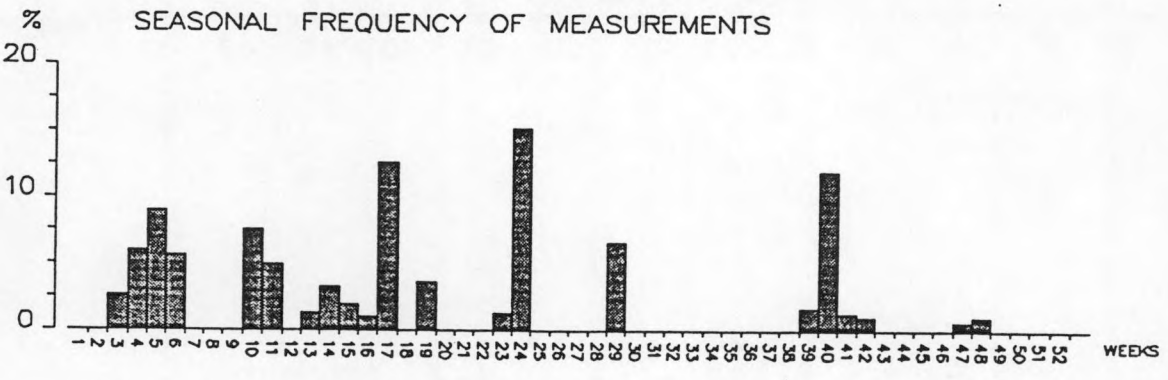
<	87	<	37
<	74	<	24
<	62	<	12
<	49	=	0

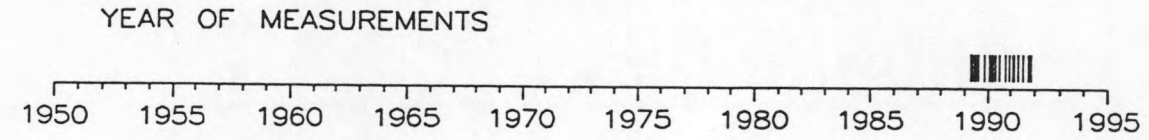
MINIMUM : 0.03
MAXIMUM : 37.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003014601

ENAME : Slinn, D.J. and Allen,.

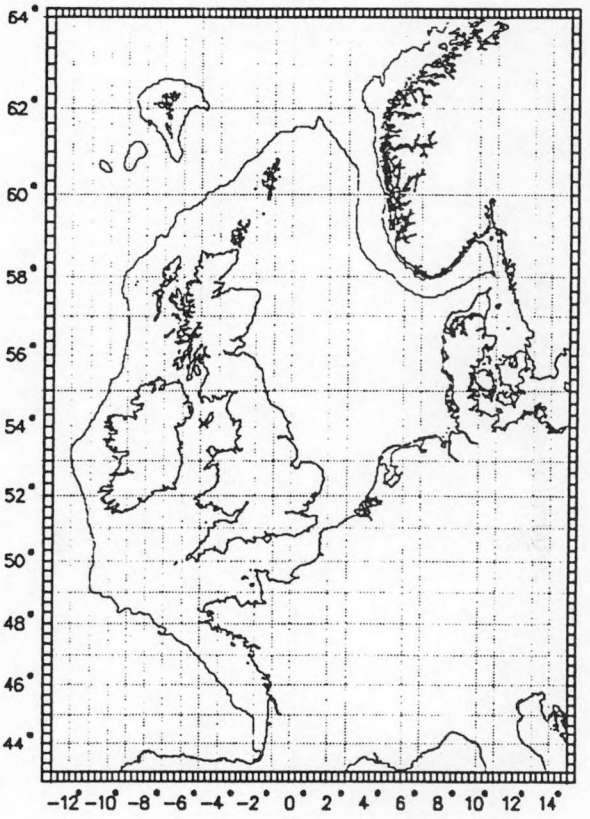
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 3011

MINIMUM : 0.10

MAXIMUM : 9.70



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

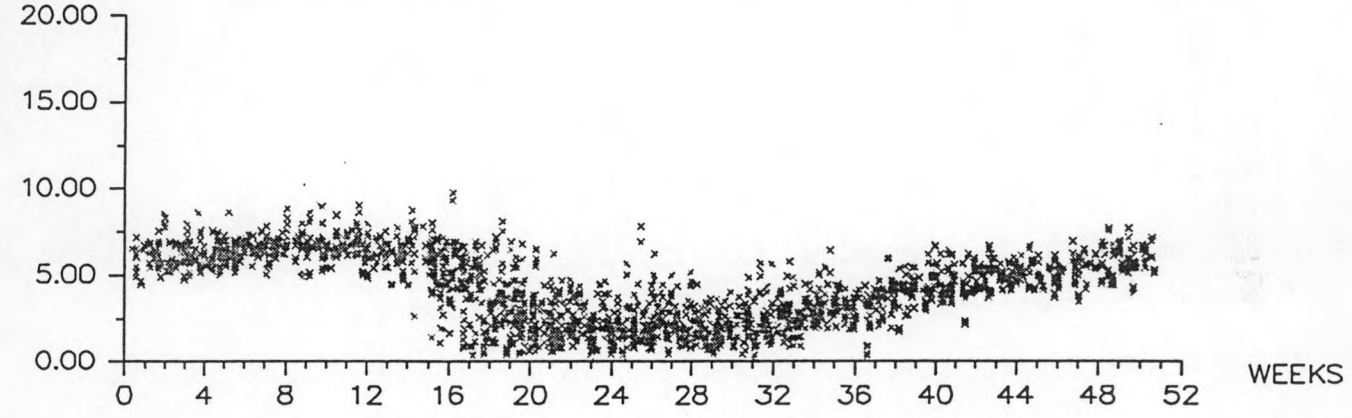
LAST WEEK : 53

DEPTH–RANGE

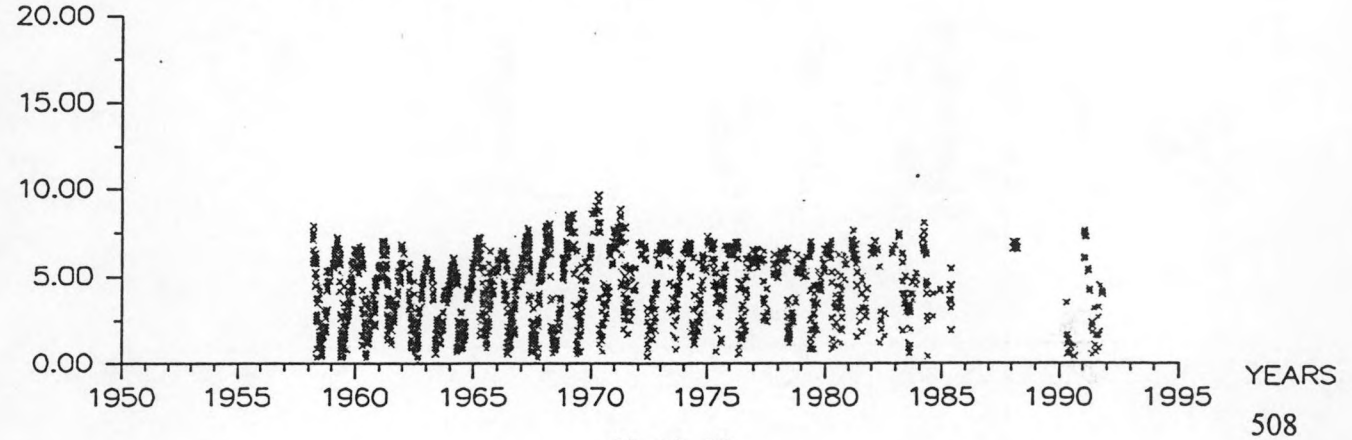
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



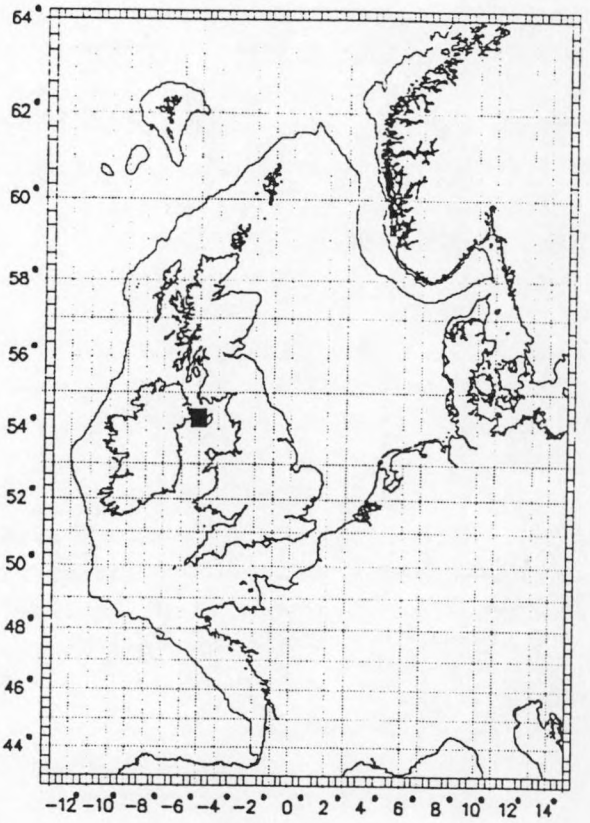
96–06–18

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003014601
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 3011
NO. OF POSITIONS : 1



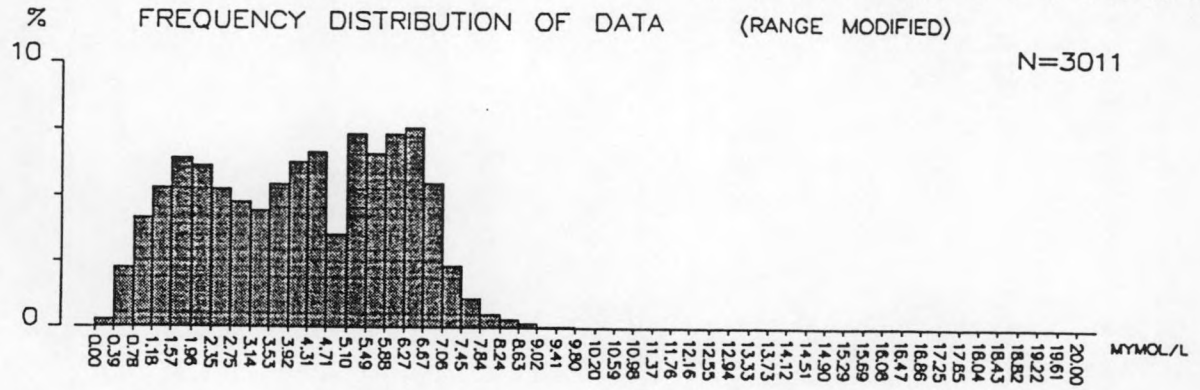
NO. OF DATA/AREA :
(without longterm data series !)

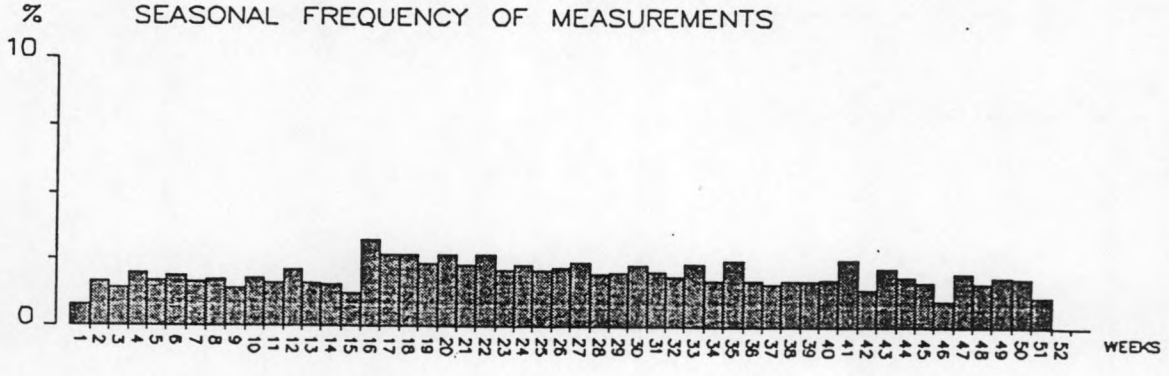
<	3011	<	1290
<	2580	<	860
<	2150	<	430
<	1720	=	0

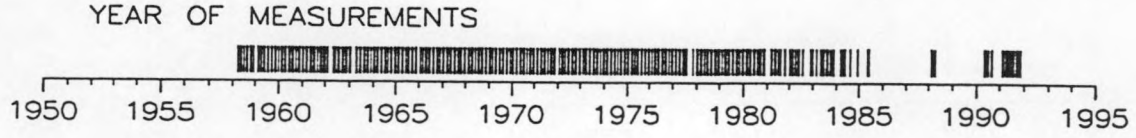
MINIMUM : 0.10
MAXIMUM : 9.70

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003014701

ENAME : Slinn, D.J. and Allen,.

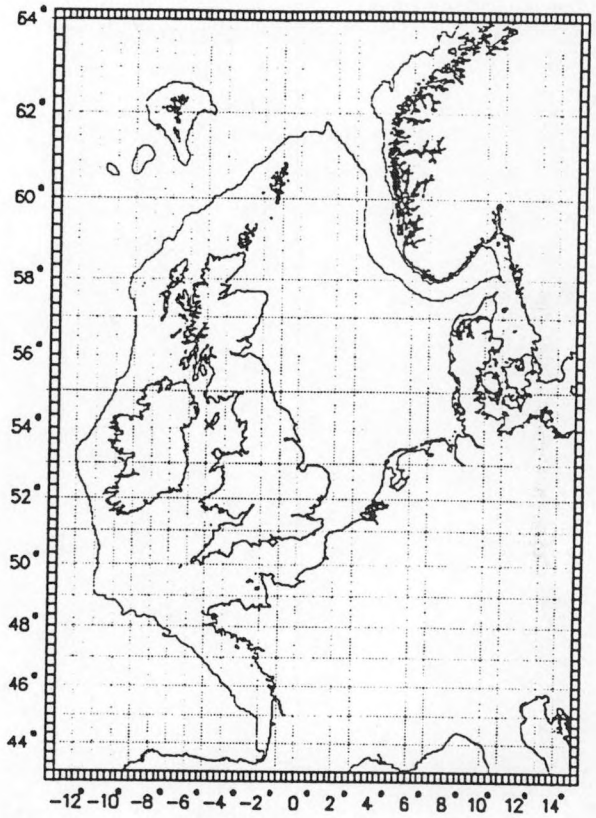
UNITS : MYMOL/L

NO. OF POSITIONS : 1

NO. OF DATA : 93

MINIMUM : 0.00

MAXIMUM : 8.97



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

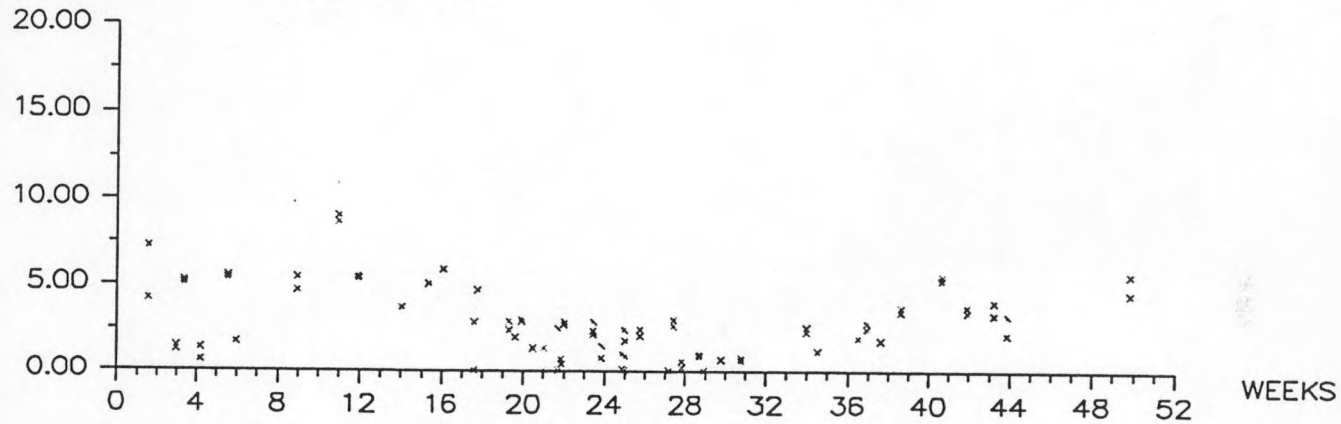
LAST WEEK : 53

DEPTH–RANGE

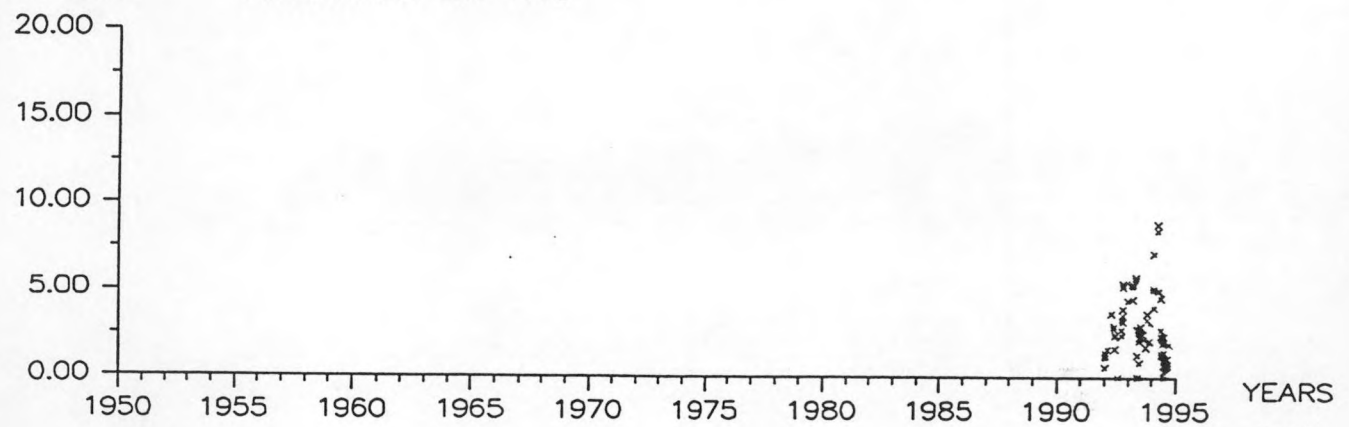
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

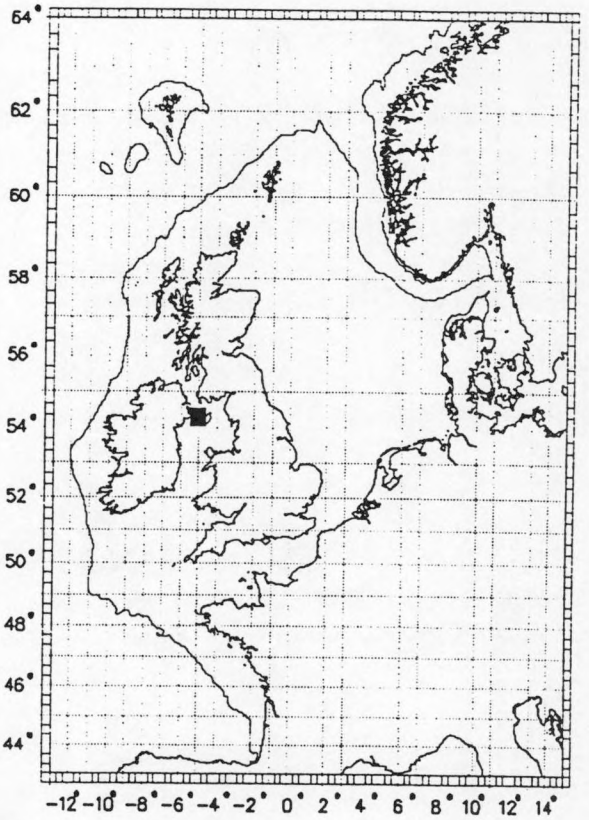


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003014701
ENAME : Slinn, D.J. and Allen,.
UNITS : MYMOL/L
NO. OF DATA : 93
NO. OF POSITIONS : 1



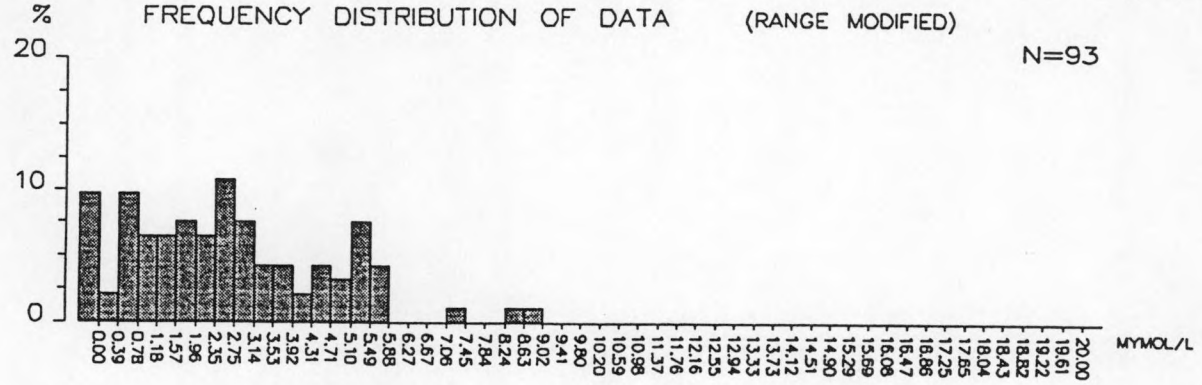
NO. OF DATA/AREA :
(without longterm data series !)

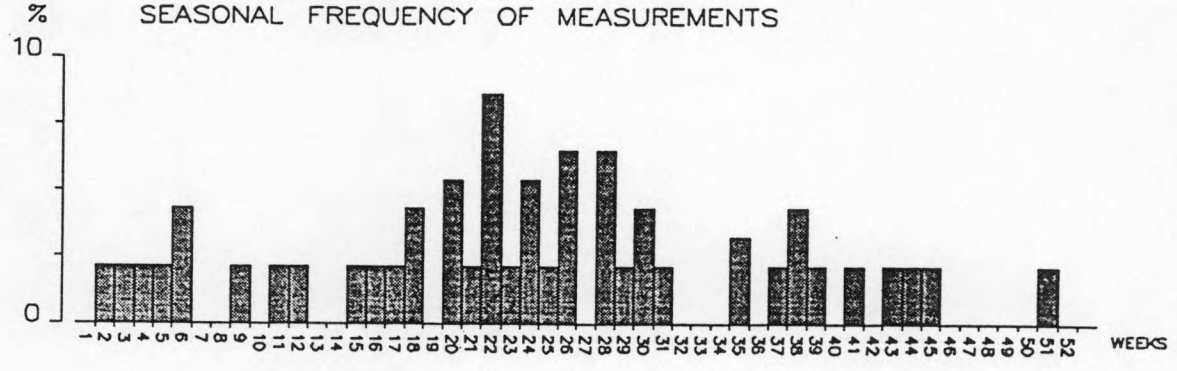
<	93	<	39
<	79	<	26
<	66	<	13
<	53	=	0

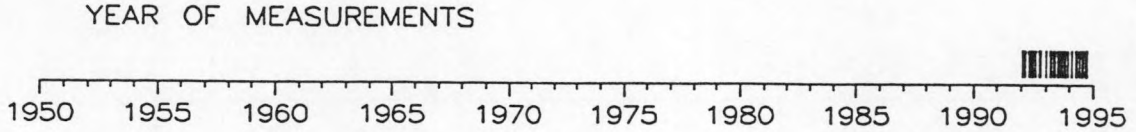
MINIMUM : 0.00
MAXIMUM : 8.97

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003032001

ENAME : Joint, I./Plymouth

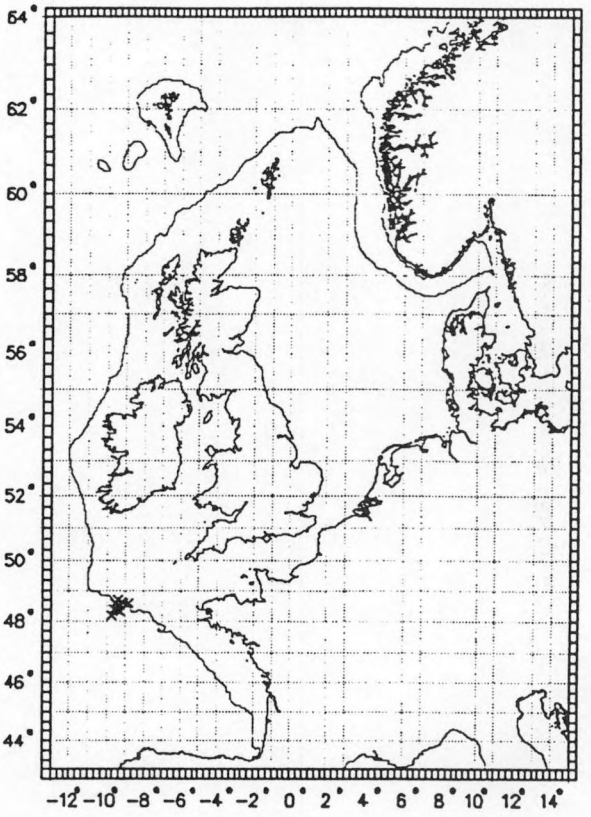
UNITS : MYMOL/L

NO. OF POSITIONS : 10

NO. OF DATA : 89

MINIMUM : 0.26

MAXIMUM : 4.34



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

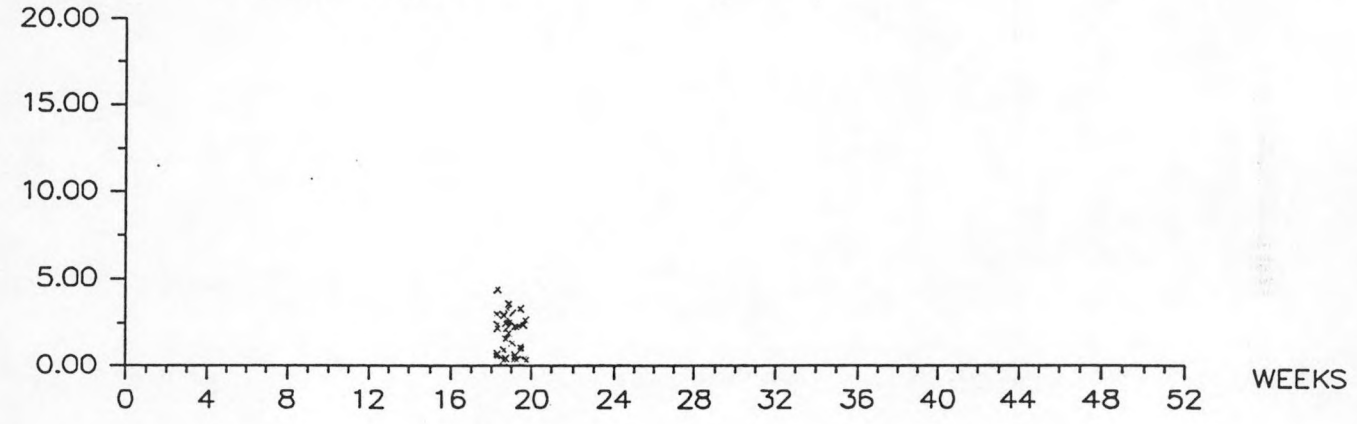
LAST WEEK : 53

DEPTH–RANGE

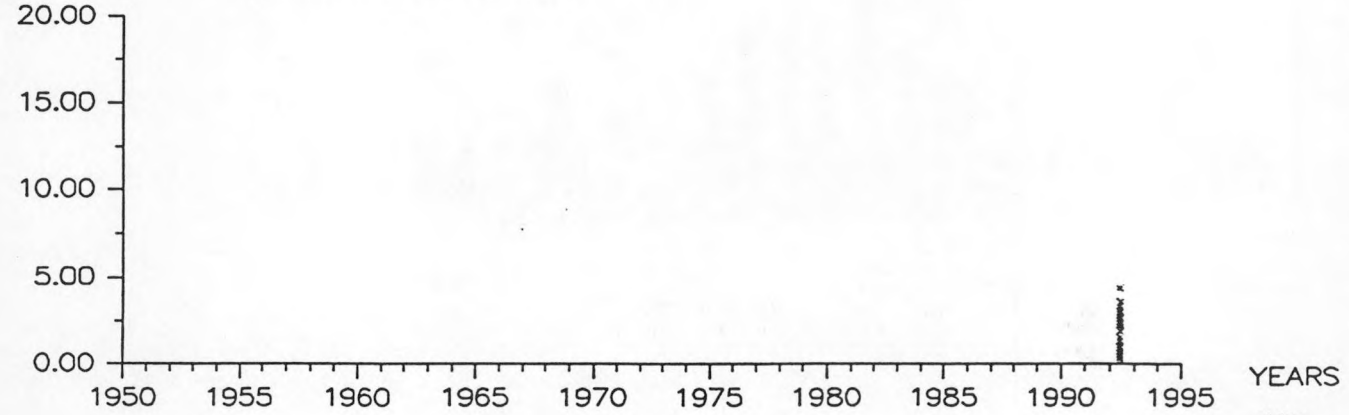
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME



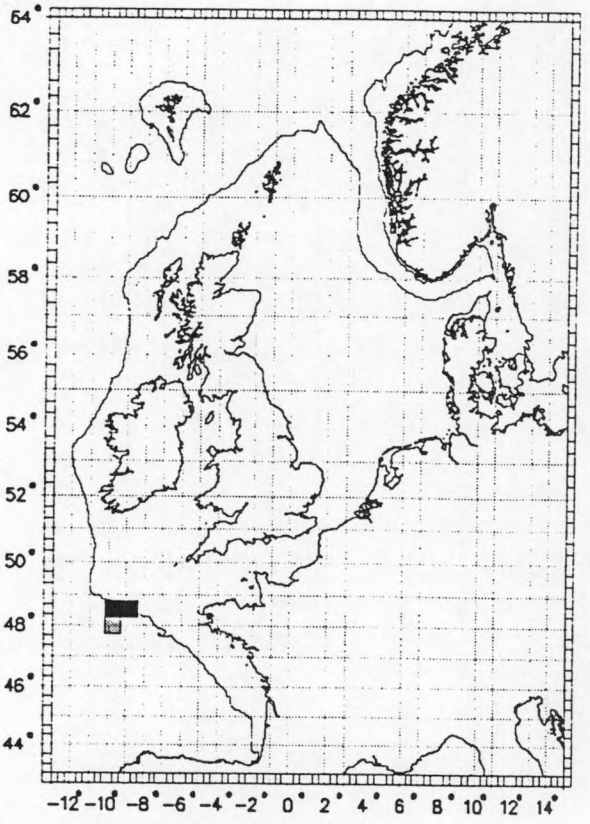
96–06–18

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003032001
ENAME : Joint, I./Plymouth
UNITS : MYMOL/L
NO. OF DATA : 89
NO. OF POSITIONS : 10



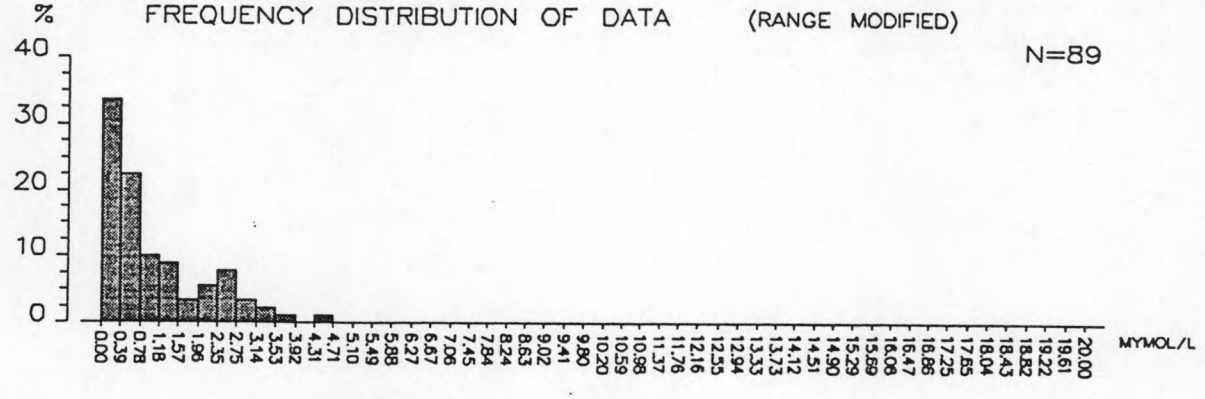
NO. OF DATA/AREA :
(without longterm data series !)

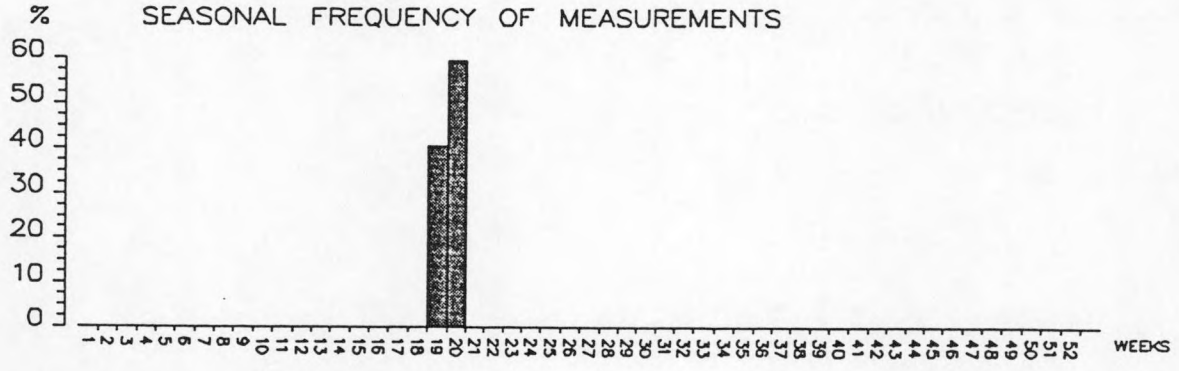
<	44	<	18
<	37	<	12
<	31	<	6
<	25	=	0

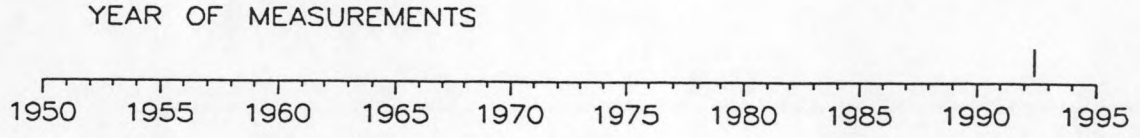
MINIMUM : 0.26
MAXIMUM : 4.34

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003032001

ENAME : Howland, R./Plymouth

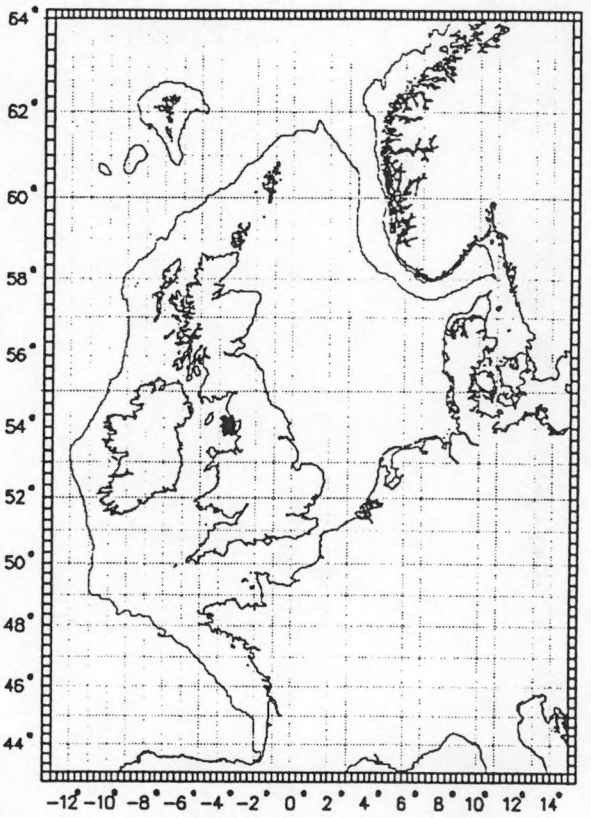
UNITS : MYMOL/L

NO. OF POSITIONS : 70

NO. OF DATA : 214

MINIMUM : 2.30

MAXIMUM : 7.85



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

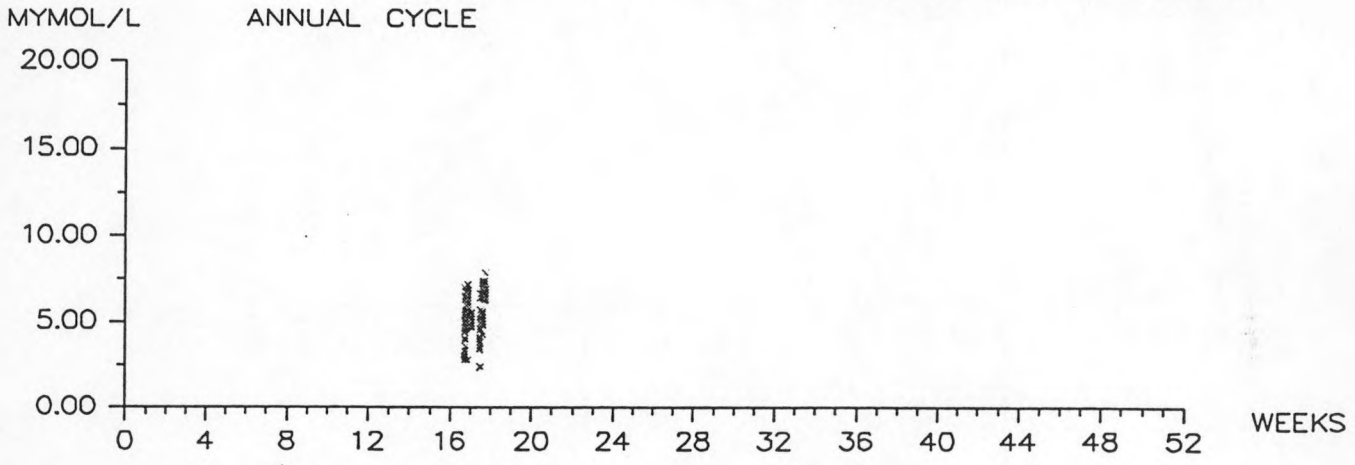
FIRST WEEK : 1

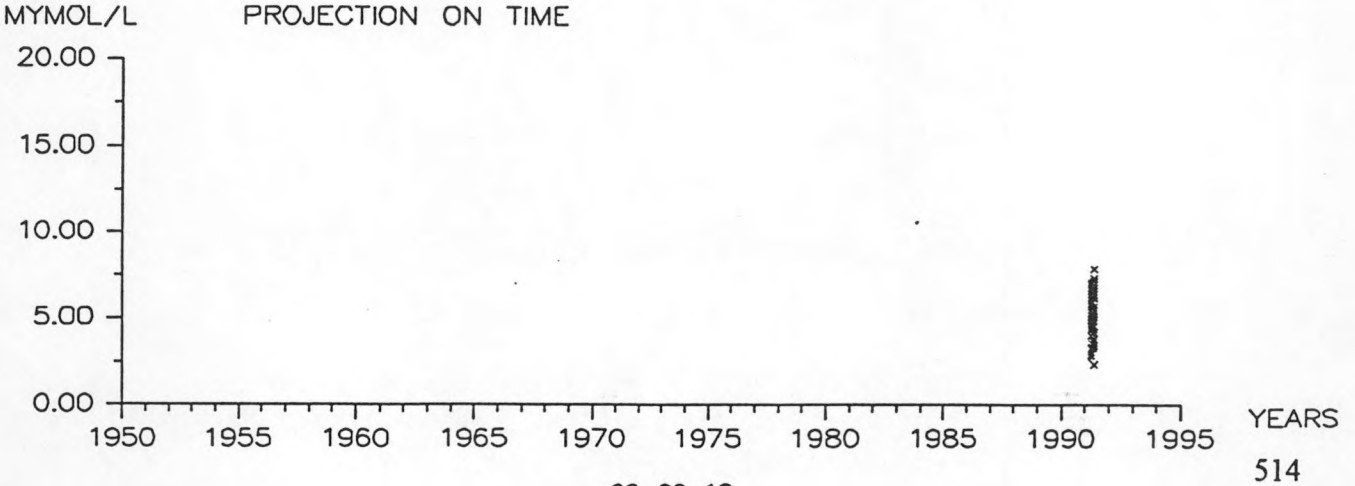
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



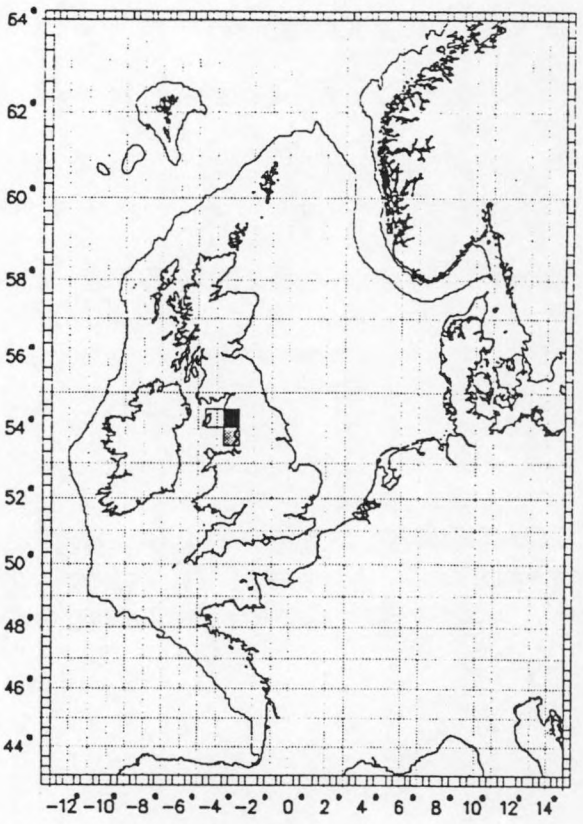


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003032001
ENAME : Howland, R./Plymouth
UNITS : MYMOL/L
NO. OF DATA : 214
NO. OF POSITIONS : 70



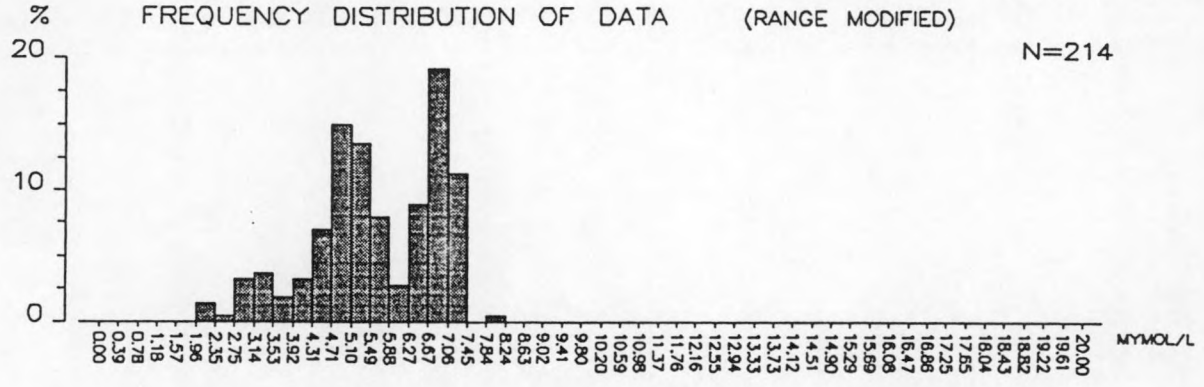
NO. OF DATA/AREA :
(without longterm data series !)

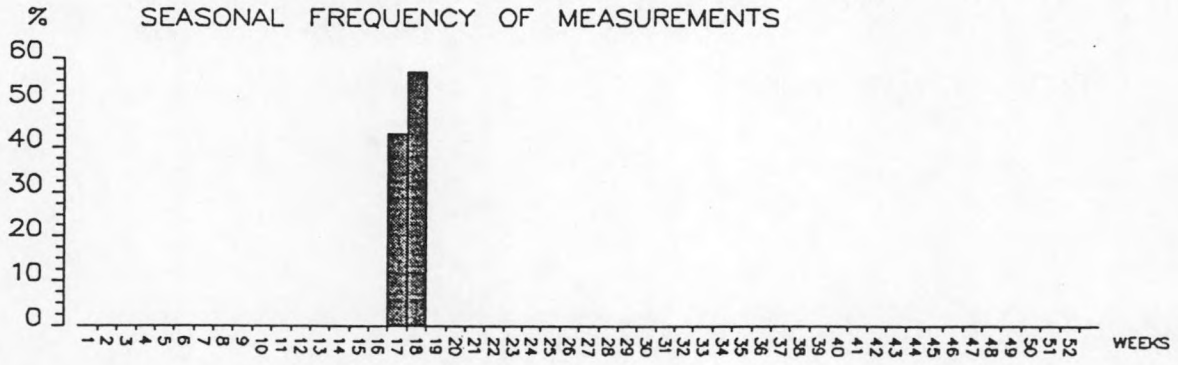
<	167	<	71
<	143	<	47
<	119	<	23
<	95	=	0

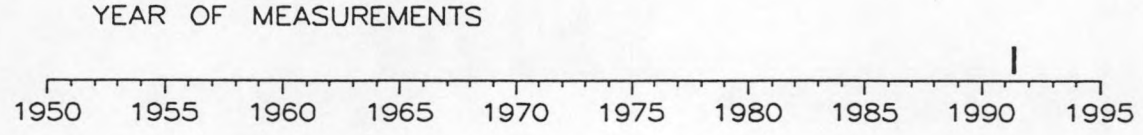
MINIMUM : 2.30
MAXIMUM : 7.85

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–06–18

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003010001

ENAME : RWS / Laane, R.

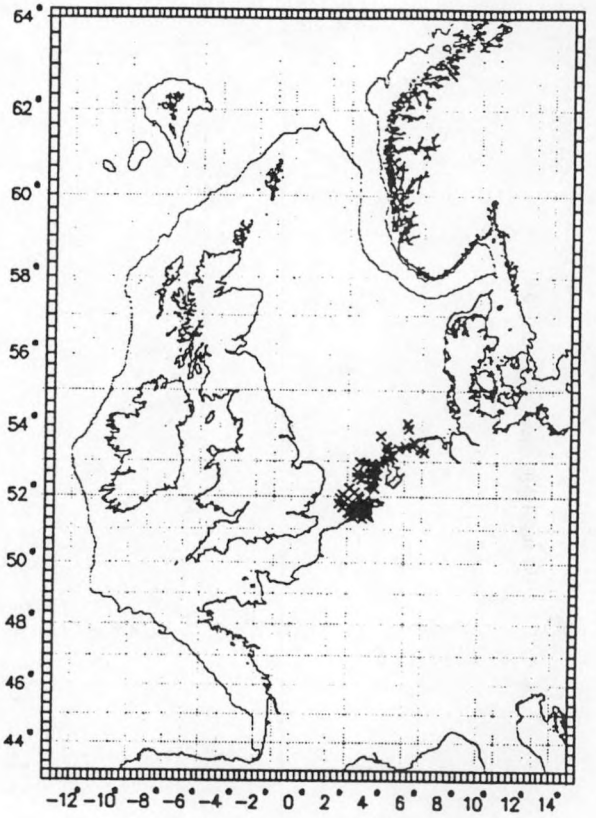
UNITS : MYMOL/L

NO. OF POSITIONS : 81

NO. OF DATA : 11037

MINIMUM : 0.36

MAXIMUM : 203.66



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

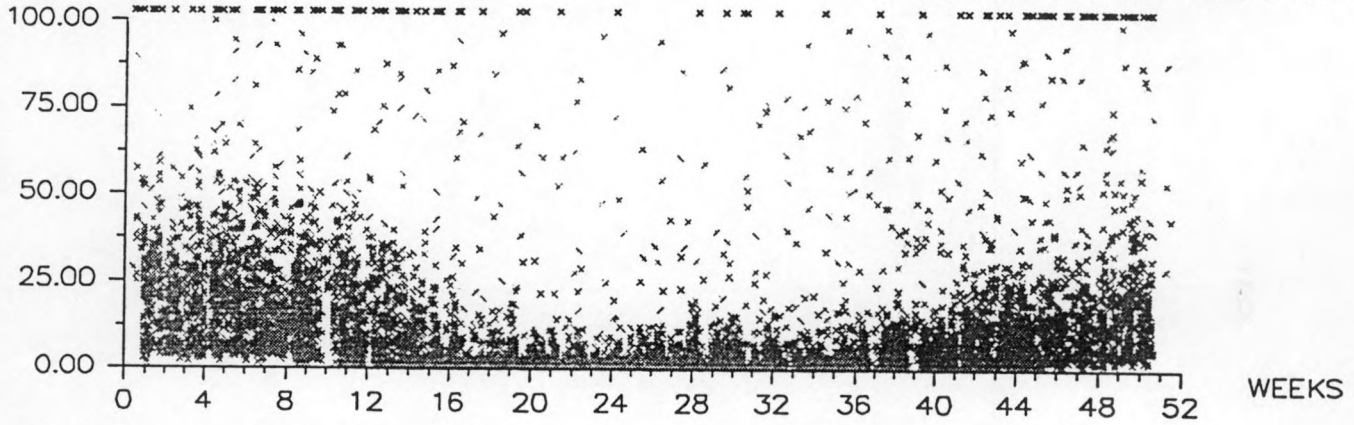
DEPTH–RANGE

UPPER : 0

LOWER : 2000

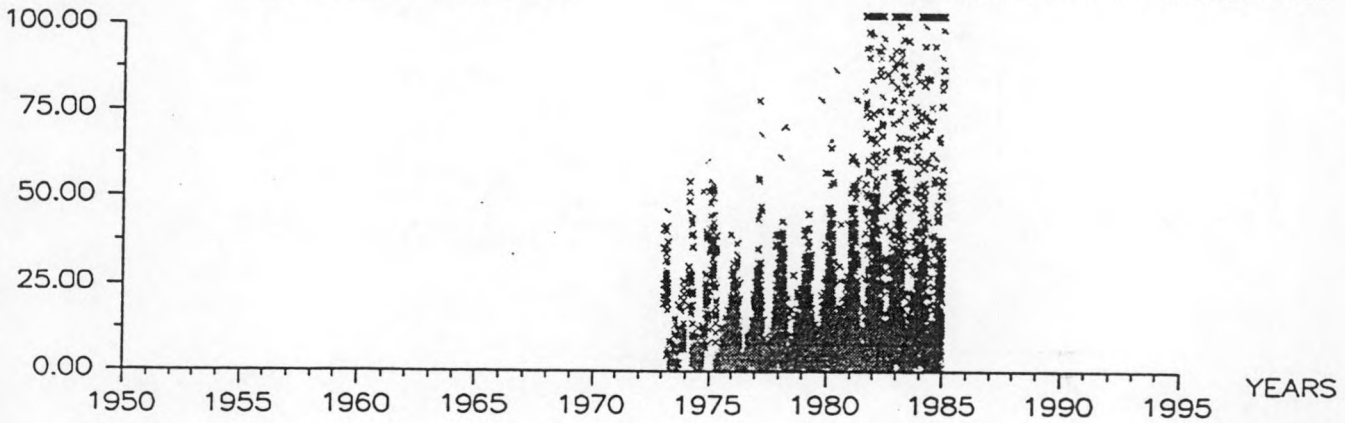
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 114



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 114

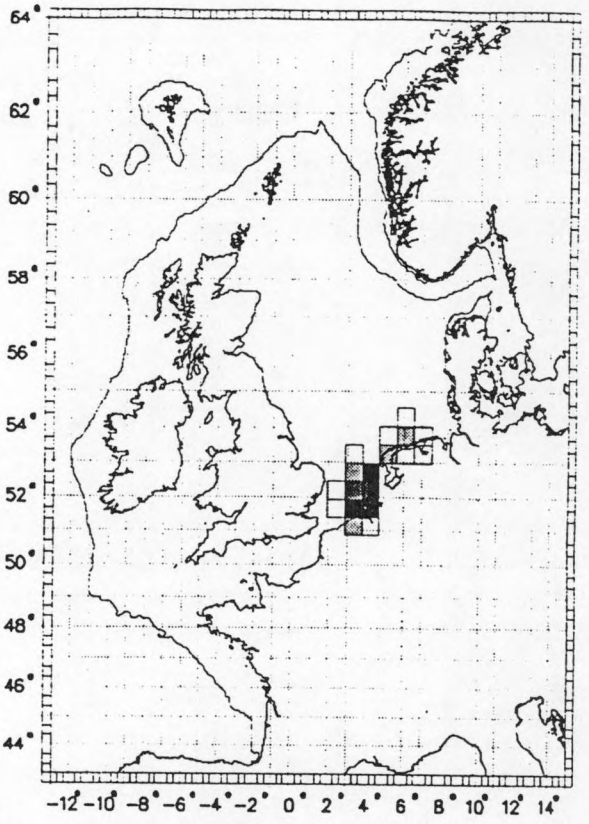


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003010001
ENAME : RWS / Laane, R.
UNITS : MYMOL/L
NO. OF DATA : 11037
NO. OF POSITIONS : 81



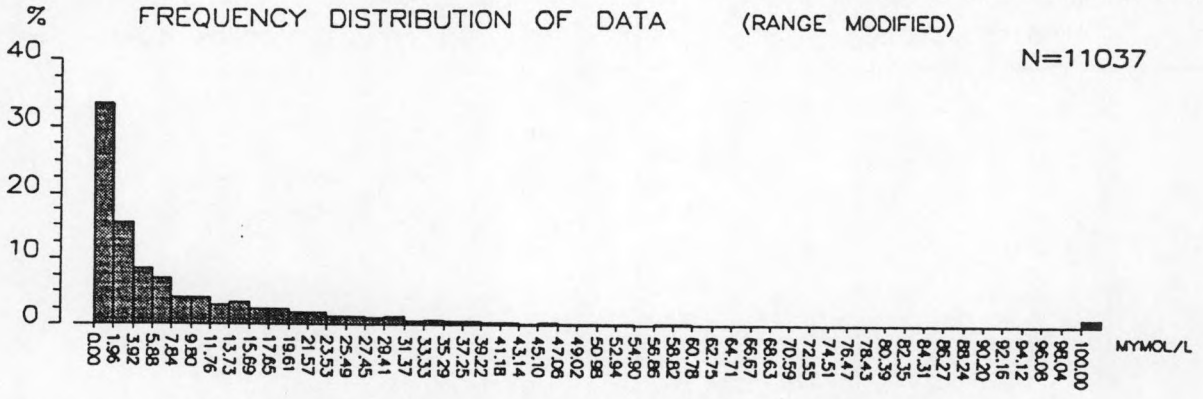
NO. OF DATA/AREA :
(without longterm data series !)

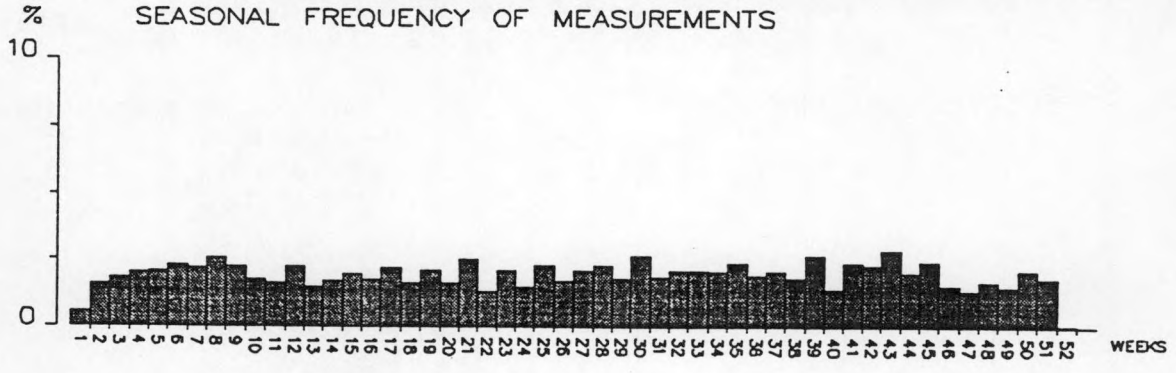
<	2374	<	1017
<	2034	< <	678
<	1695	< < <	339
<	1356	=	0

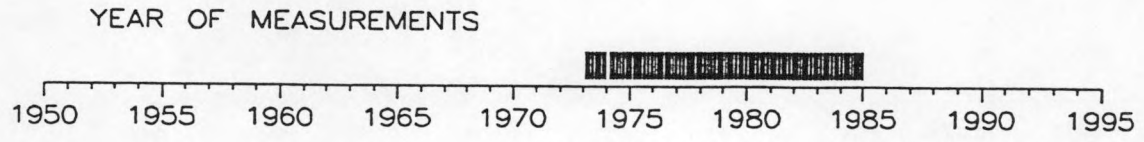
MINIMUM : 0.36
MAXIMUM : 203.66

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003012001

ENAME : RWS / Laane, R.

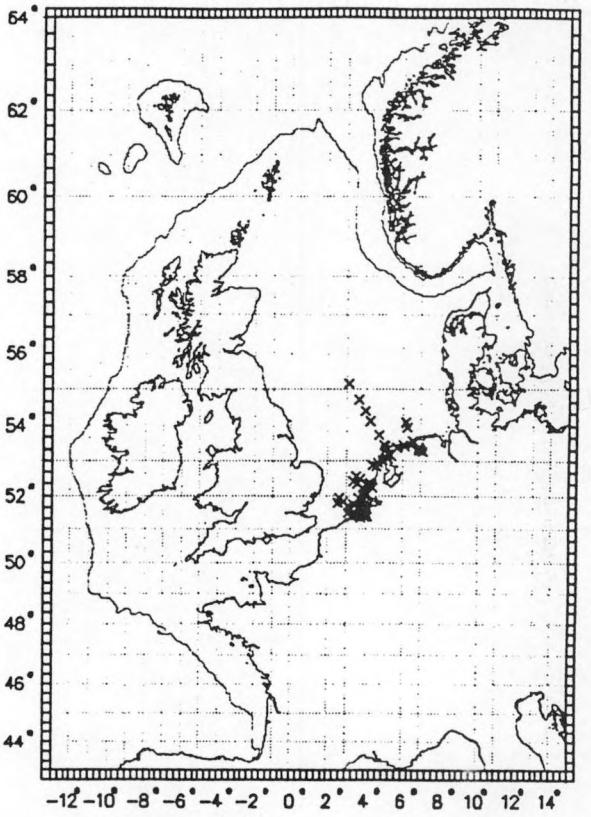
UNITS : MYMOL/L

NO. OF POSITIONS : 75

NO. OF DATA : 8232

MINIMUM : 0.04

MAXIMUM : 213.63



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

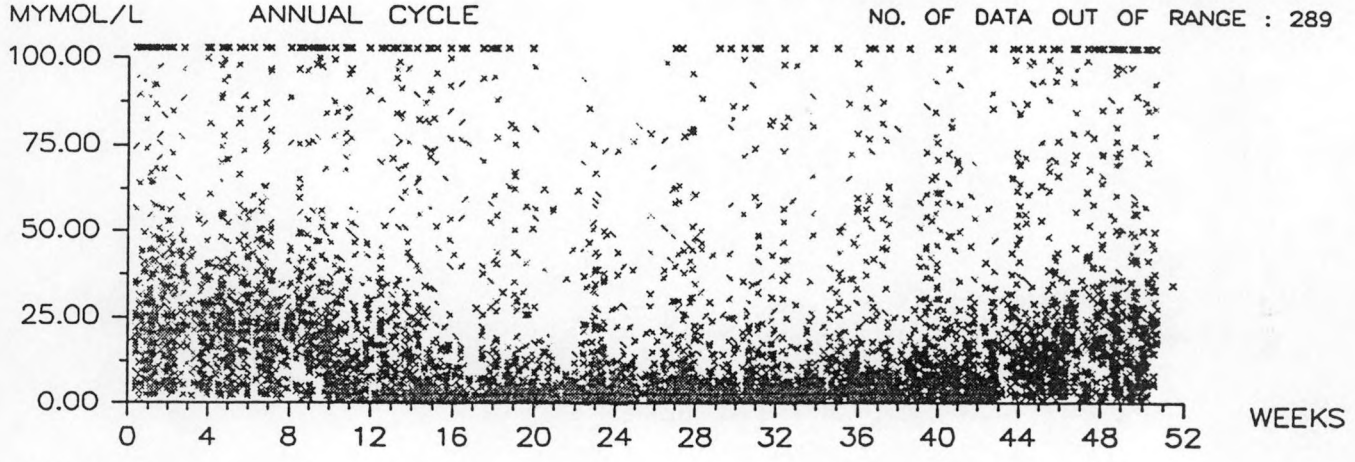
FIRST WEEK : 1

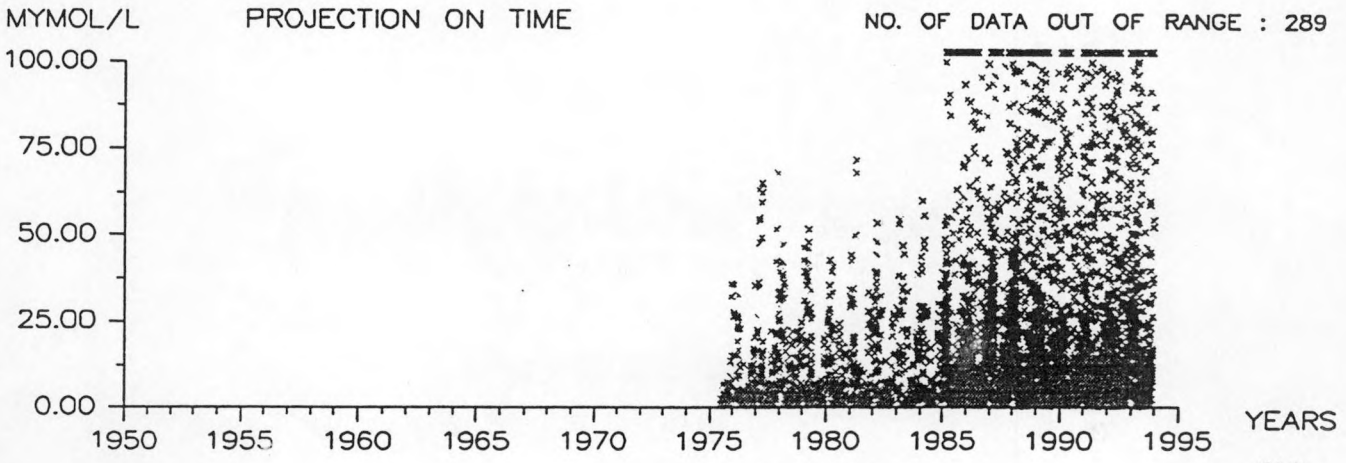
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



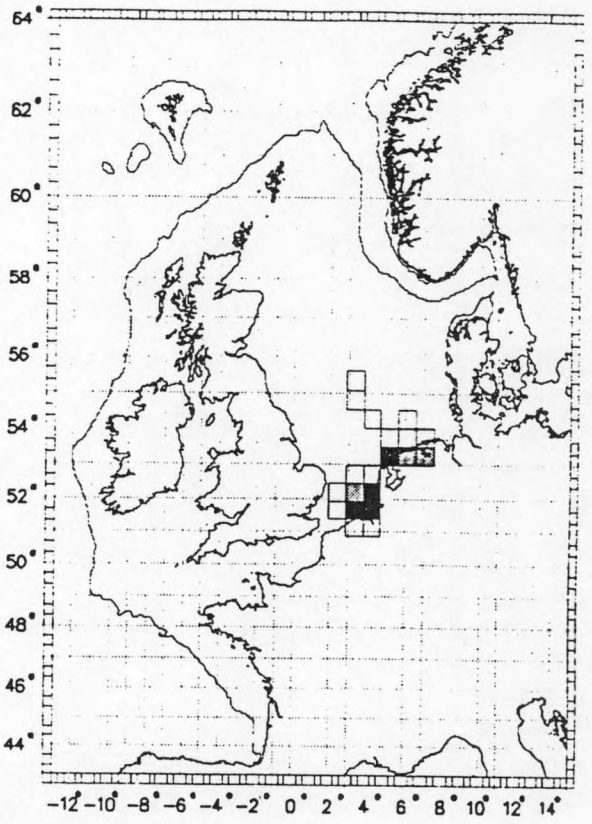


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003012001
ENAME : RWS / Laane, R.
UNITS : MYMOL/L
NO. OF DATA : 8232
NO. OF POSITIONS : 75



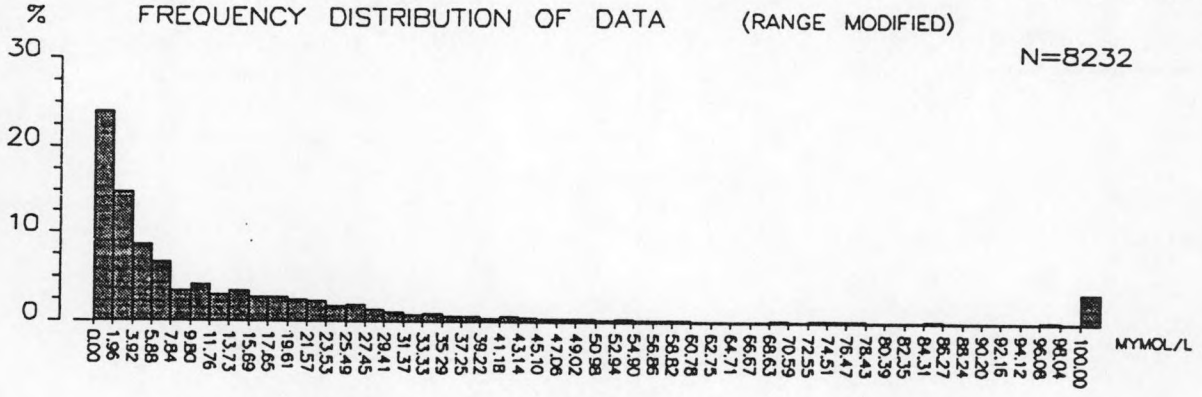
NO. OF DATA/AREA :
(without longterm data series !)

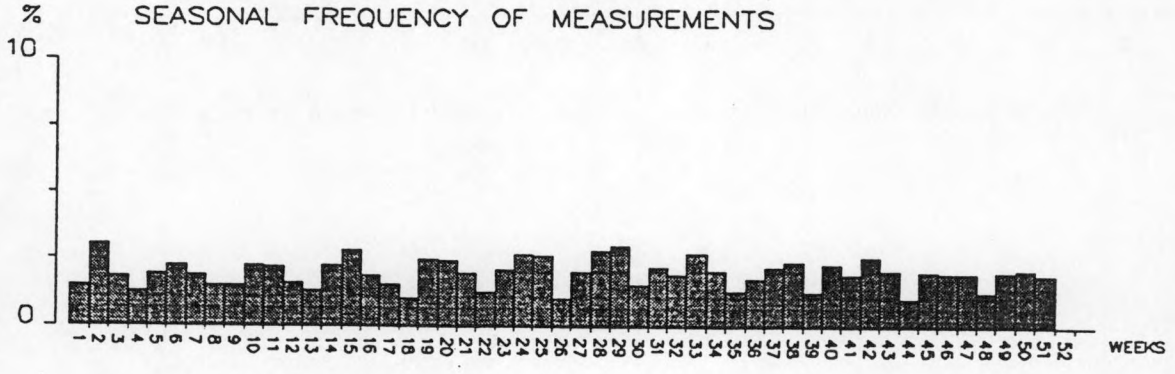
< 2247	< 963
< 1926	< 642
< 1605	< 321
< 1284	= 0

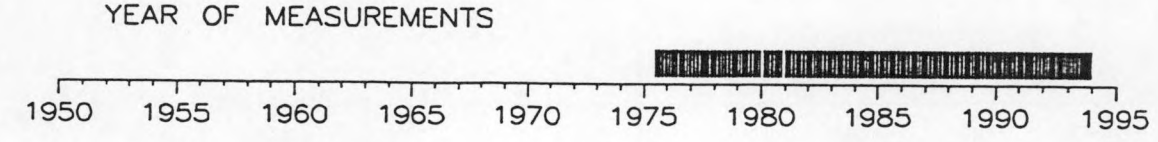
MINIMUM : 0.04
MAXIMUM : 213.63

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003010001

ENAME : RWS–RIZA

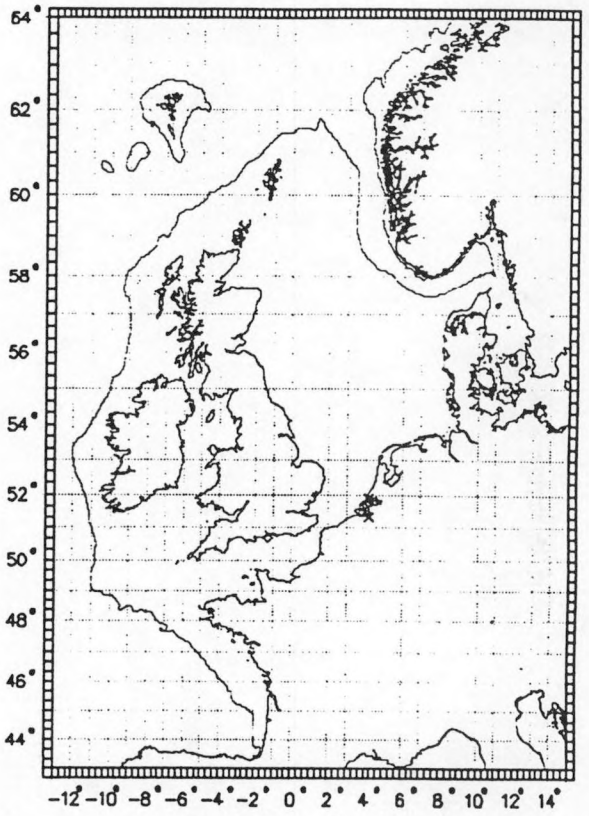
UNITS : MYMOL/L

NO. OF POSITIONS : 2

NO. OF DATA : 538

MINIMUM : 0.00

MAXIMUM : 416.58



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

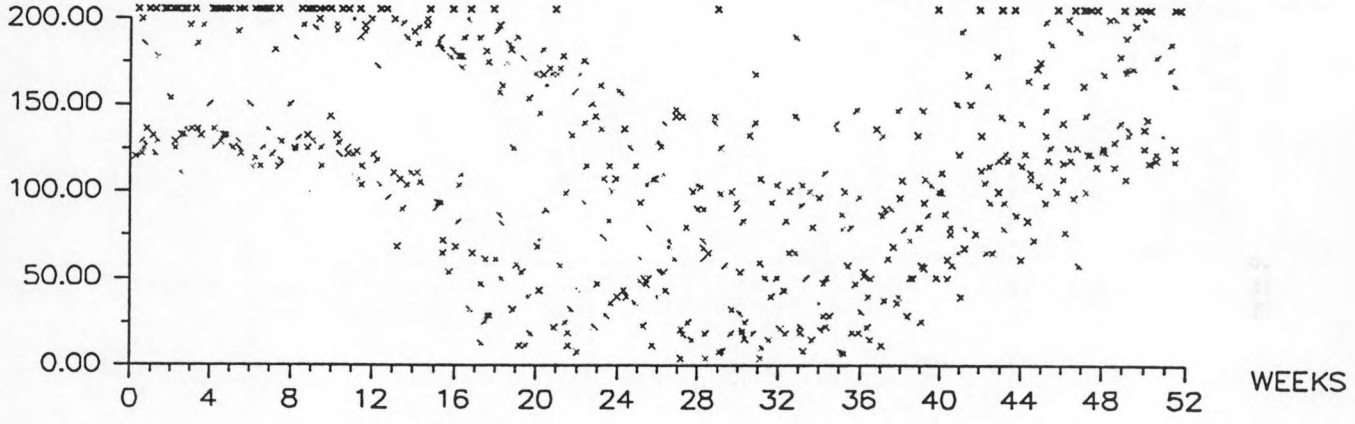
DEPTH–RANGE

UPPER : 0

LOWER : 2000

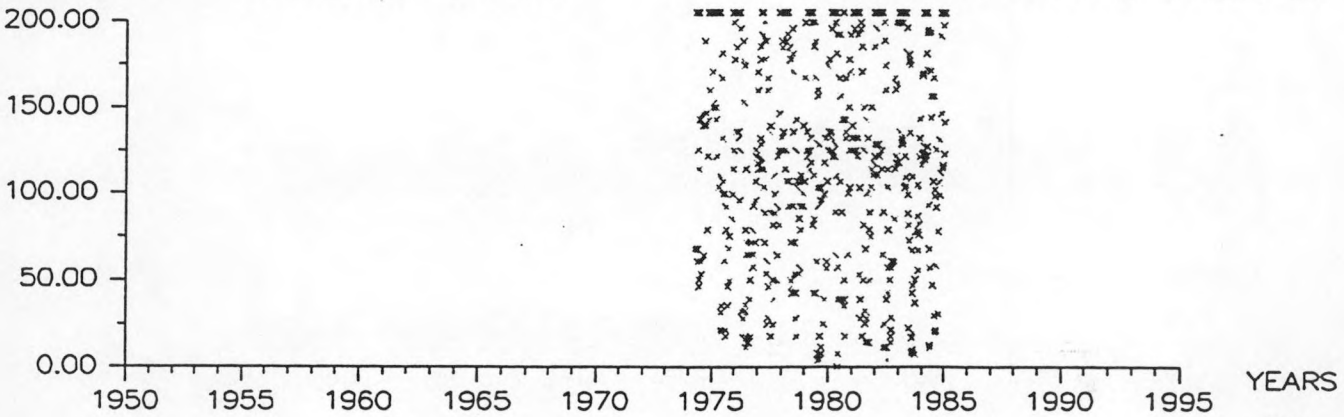
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 68



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 68



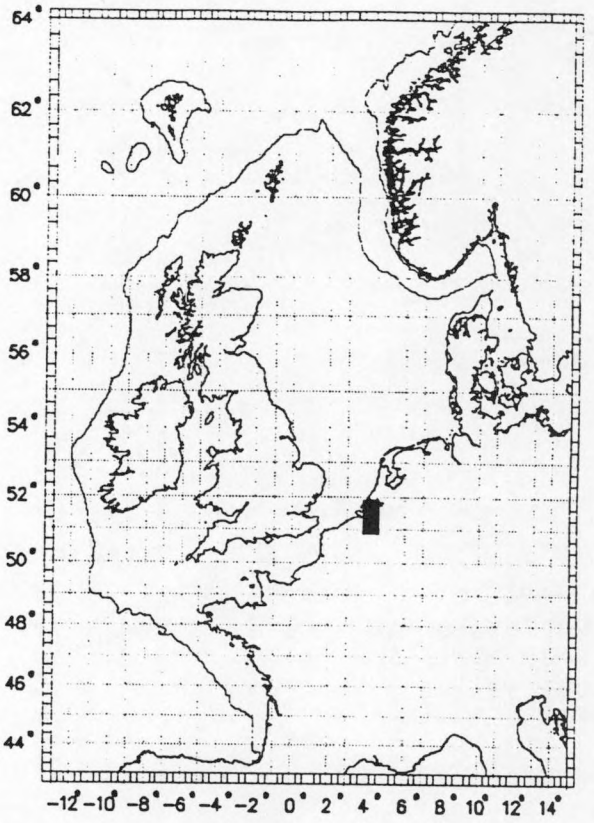
97–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003010001
ENAME : RWS–RIZA
UNITS : MYMOL/L
NO. OF DATA : 538
NO. OF POSITIONS : 2



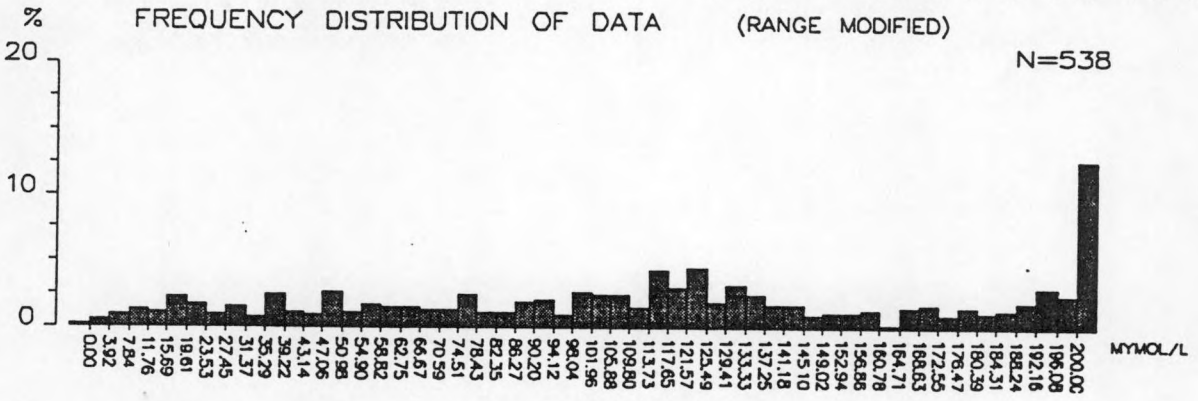
NO. OF DATA/AREA :
(without longterm data series !)

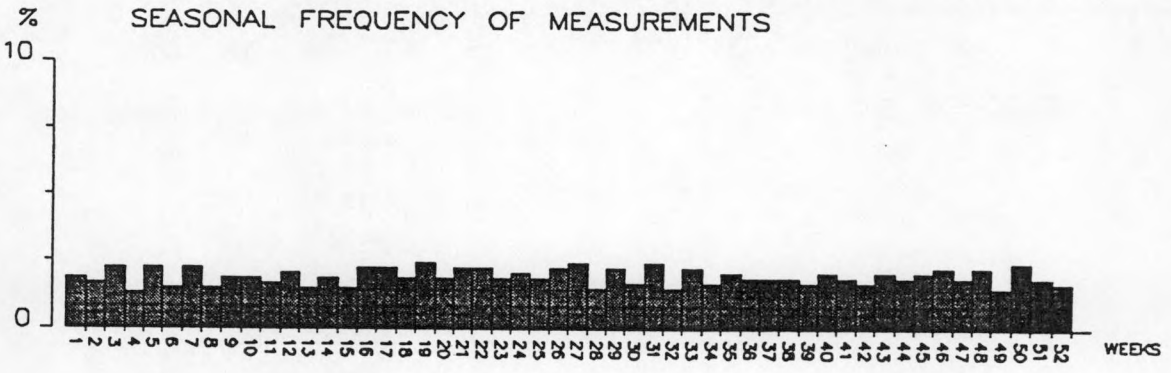
<	273	<	117
<	234	<	78
<	195	<	39
<	156	=	0

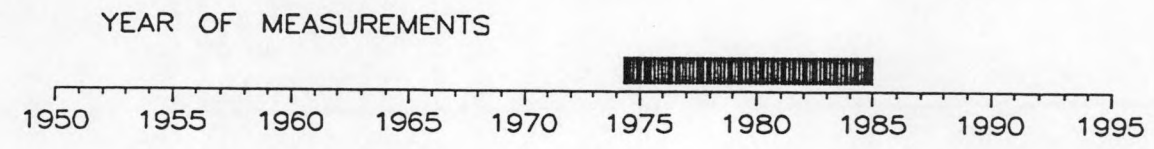
MINIMUM : 0.00
MAXIMUM : 416.58

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







97–06–10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003012001

ENAME : RWS–RIZA

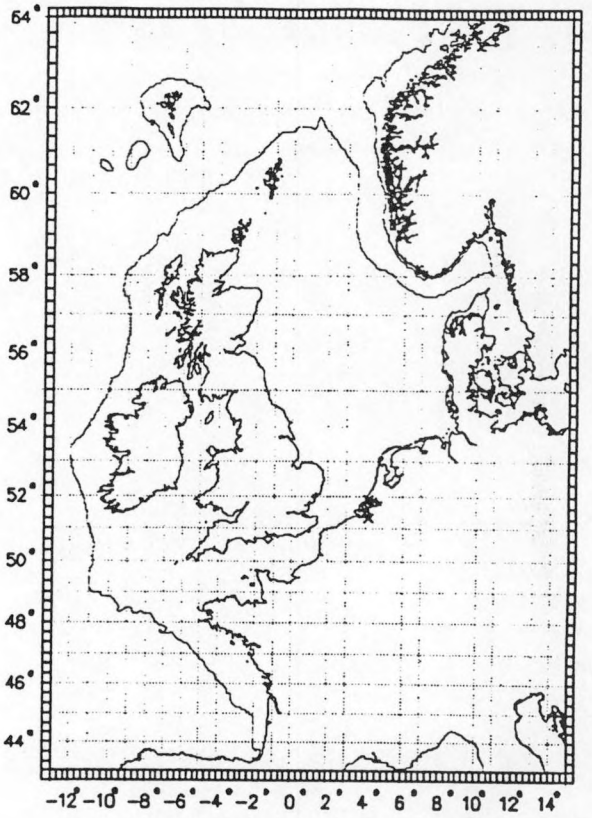
UNITS : MYMOL/L

NO. OF POSITIONS : 2

NO. OF DATA : 472

MINIMUM : 1.07

MAXIMUM : 225.38



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

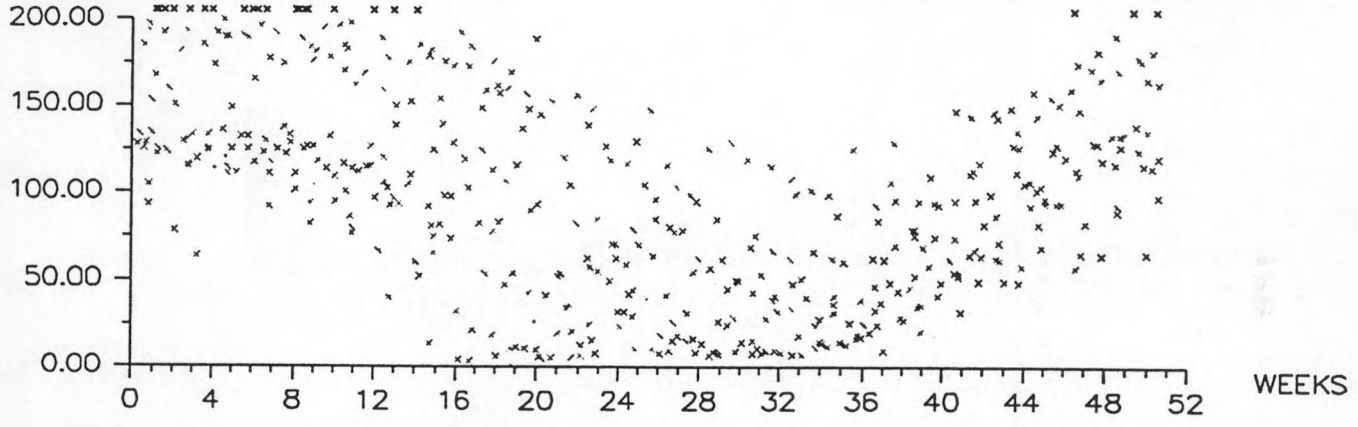
DEPTH–RANGE

UPPER : 0

LOWER : 2000

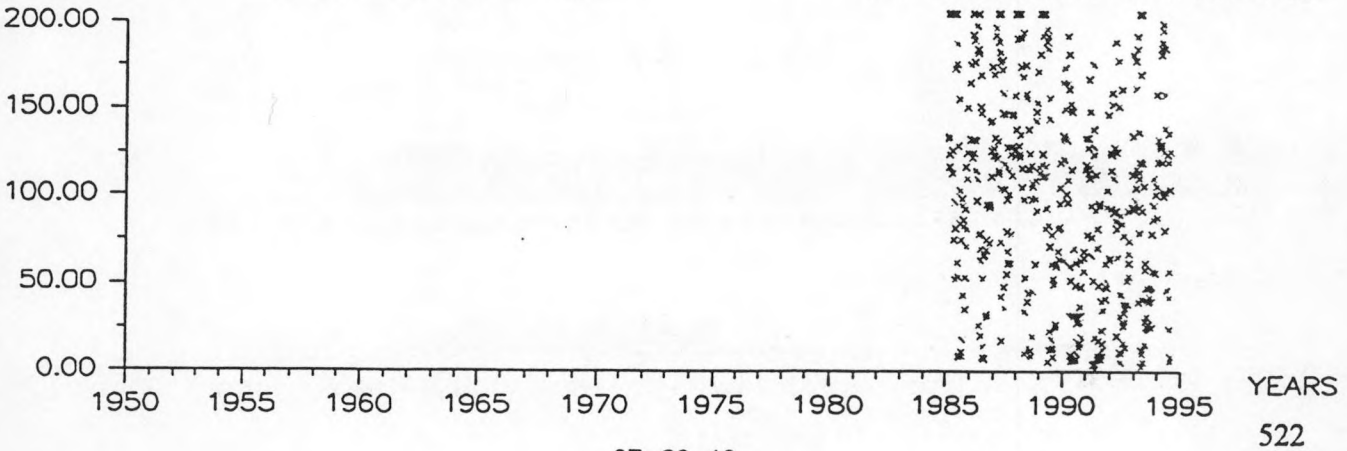
MYMOL/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 22



MYMOL/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 22



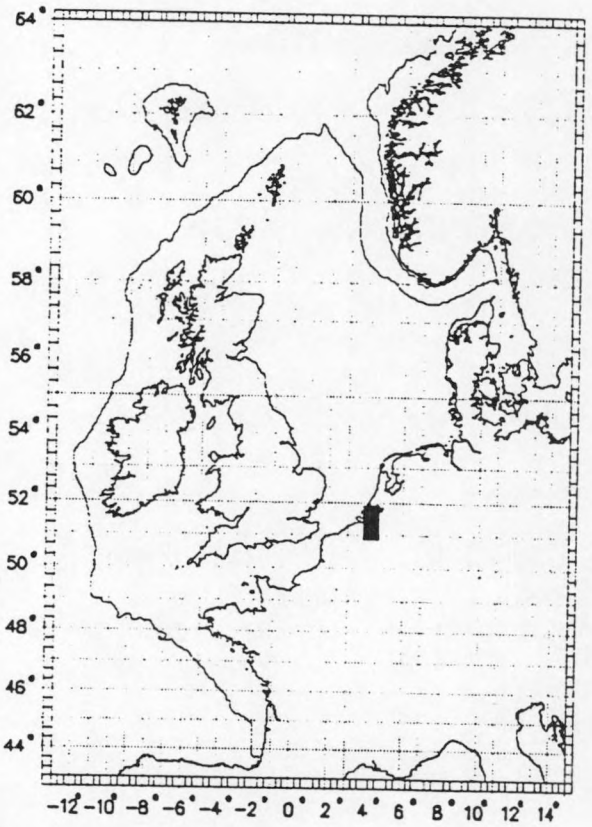
97–06–10

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003012001
ENAME : RWS–RIZA
UNITS : MYMOL/L
NO. OF DATA : 472
NO. OF POSITIONS : 2



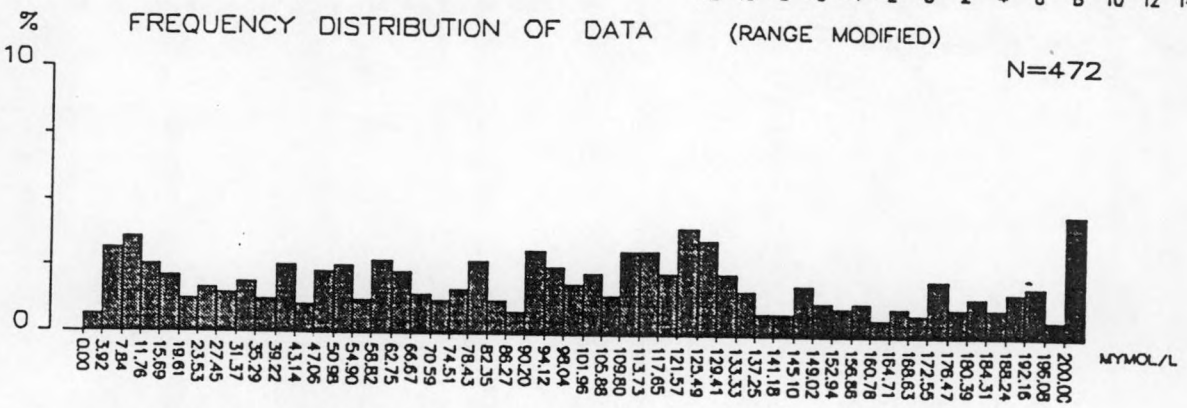
NO. OF DATA/AREA :
(without longterm data series !)

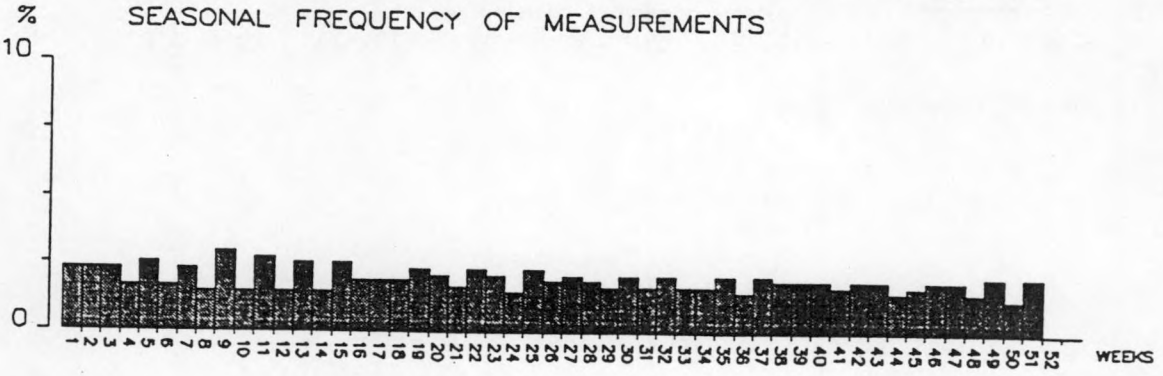
< 236	< 101
< 202	< < 67
< 168	< < < 33
< 134	= 0

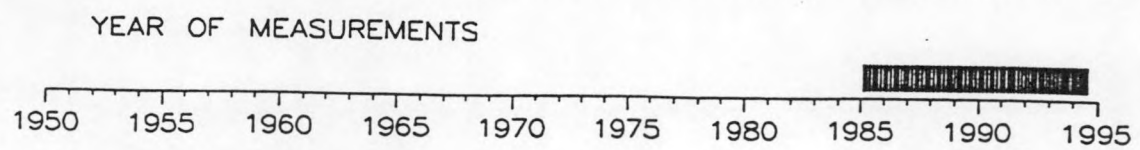
MINIMUM : 1.07
MAXIMUM : 225.38

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SILICATE–SI (SIO4)

PCODE : 5003030101

ENAME : Elkens, M./Free Univ. .

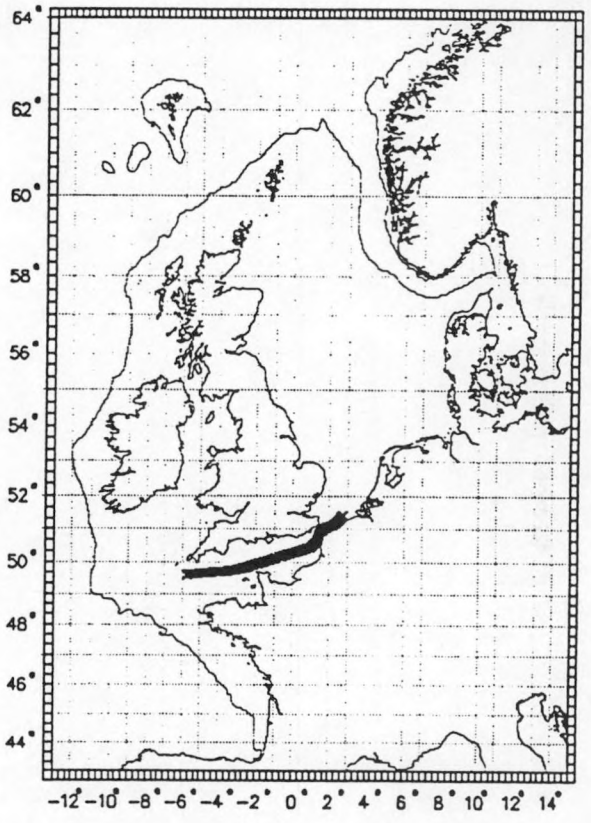
UNITS : MYMOL/L

NO. OF POSITIONS : 374

NO. OF DATA : 374

MINIMUM : 0.48

MAXIMUM : 2.62



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

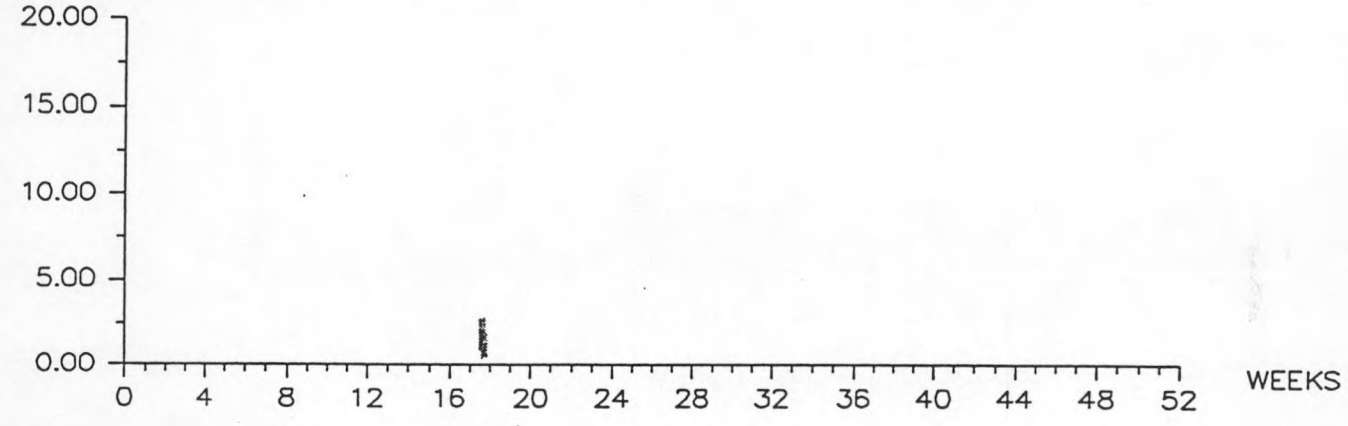
LAST WEEK : 53

DEPTH–RANGE

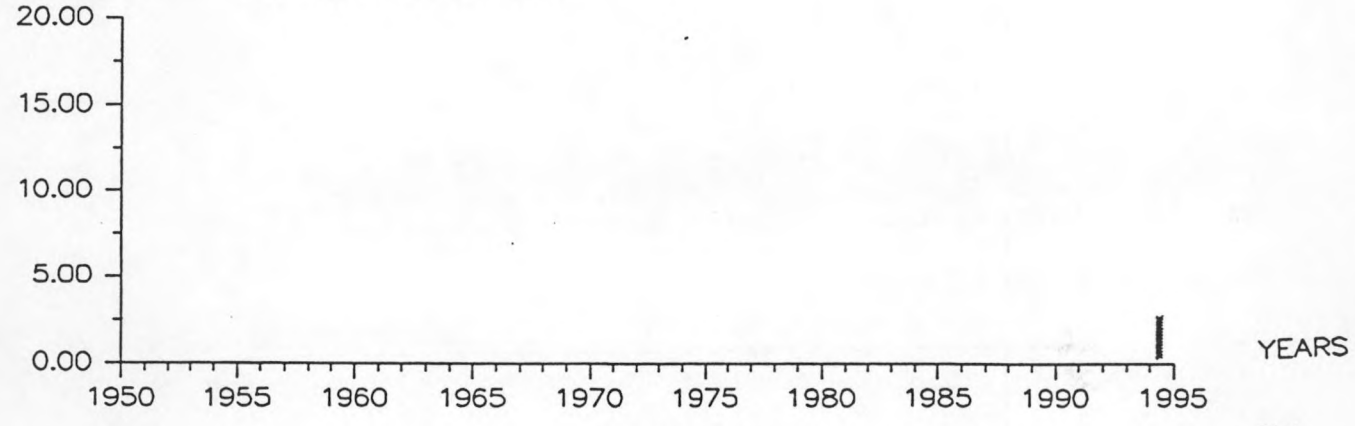
UPPER : 0

LOWER : 2000

MYMOL/L ANNUAL CYCLE



MYMOL/L PROJECTION ON TIME

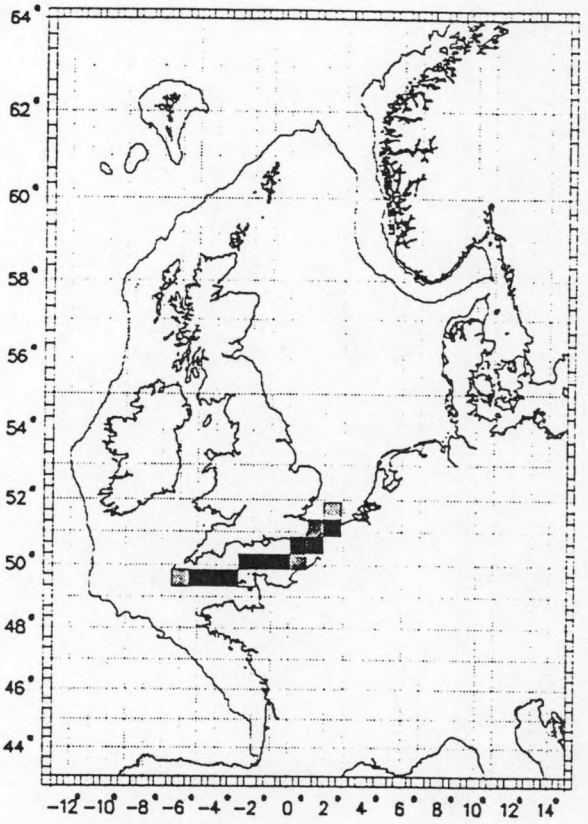


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SILICATE–SI (SIO4)

PCODE : 5003030101
ENAME : Elkens, M./Free Univ. .
UNITS : MYMOL/L
NO. OF DATA : 374
NO. OF POSITIONS : 374



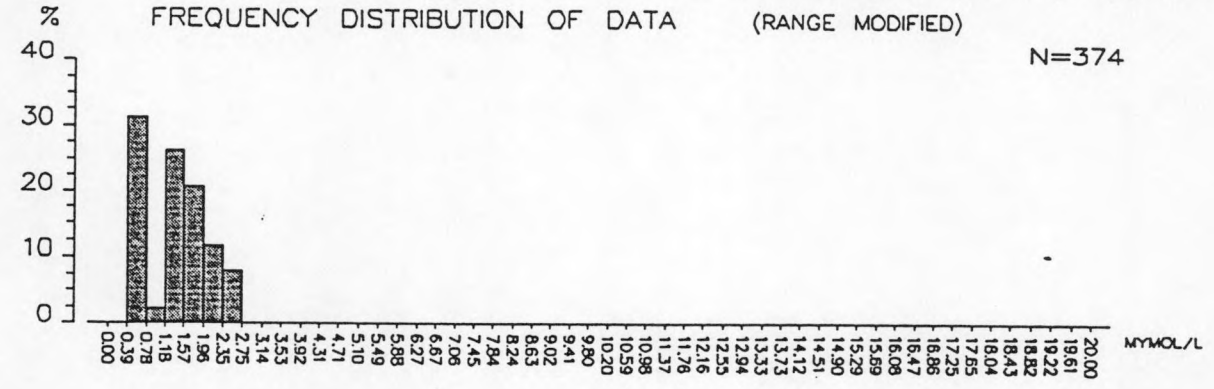
NO. OF DATA/AREA :
(without longterm data series !)

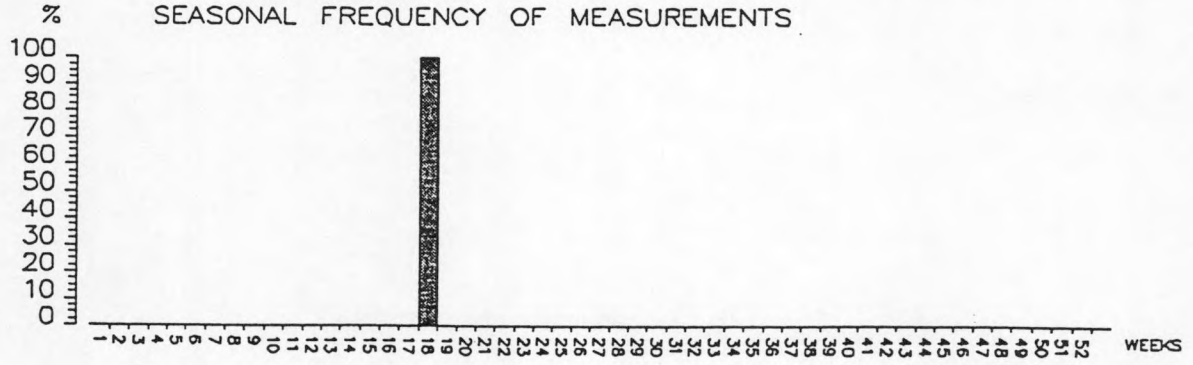
< 43	< 18
< 36	< < 12
< 30	< < < 6
< 24	= 0

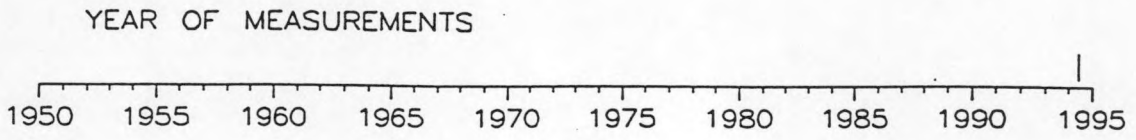
MINIMUM : 0.48
MAXIMUM : 2.62

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







6.8 Chlorophyll

PCODE	Originator	Number of data
4001010001	BAH	580
4001140101	BODC	5209
4001140601	BODC / Lowry, R.	99443
4001143701	BODC / Lowry, R.	5221
4001143801	BODC / Lowry, R.	413
4001010001	BSH	279
4001010001	HELCOM	1389
4001010901	IAB / Krause, M. Trahms, J.	74
4001010901	IAB / Stoob, K.	2902
4001010901	IAB / Weber, A.	1874
4001010001	ICES	8557
4001010001	IFM_KI	23
4001014001	IMR / Danielssen, D. S.	9533
4001010001	IOW	5624
4001140301	IOW	222
4001142101	IOW / Kaiser, W.	5483
4001142201	IOW / Kaiser, W.	6069
4001010201	LES	169
4001010301	LES	159
4001011901	MBA / Southward, A.J.	573
4001010201	MFG / Hequ, J.H.	452
4001010301	MFG / Hequ, J.H.	766
4001010301	NIOZ / Cadee, G.C.	176
4001010001	NLW_HI	146
4001011901	PEML / Slinn, D.J. Allen, J.R.	810
4001010001	RWS / Laane, R.	11626
4001010701	RWS / Laane, R.	7005
4001010001	RWS-RIZA	415
4001010701	RWS-RIZA	390
4001010001	RWTH	496
4001012001	UL / Frankignoulle, M., Dauby, P.	63

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010001

ENAME : BAH

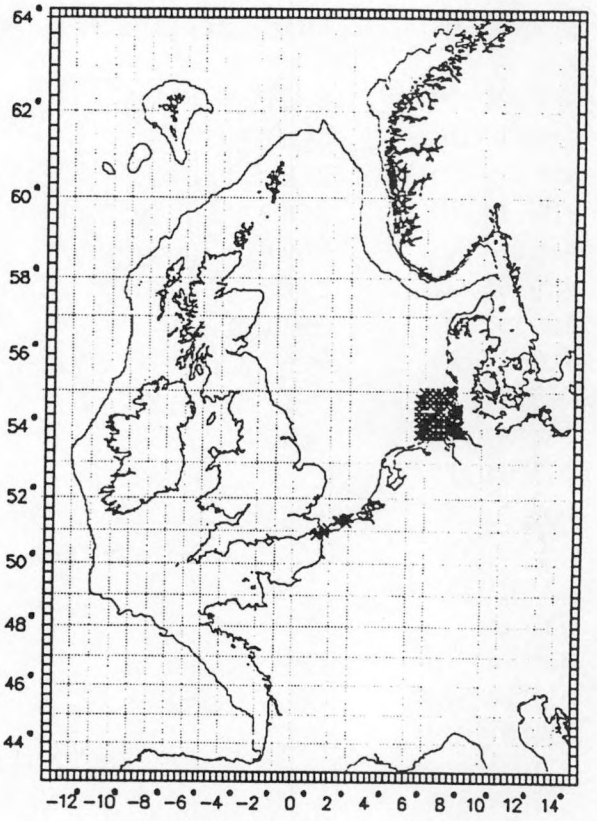
UNITS : MY G/L

NO. OF POSITIONS : 117

NO. OF DATA : 580

MINIMUM : 0.08

MAXIMUM : 31.08



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

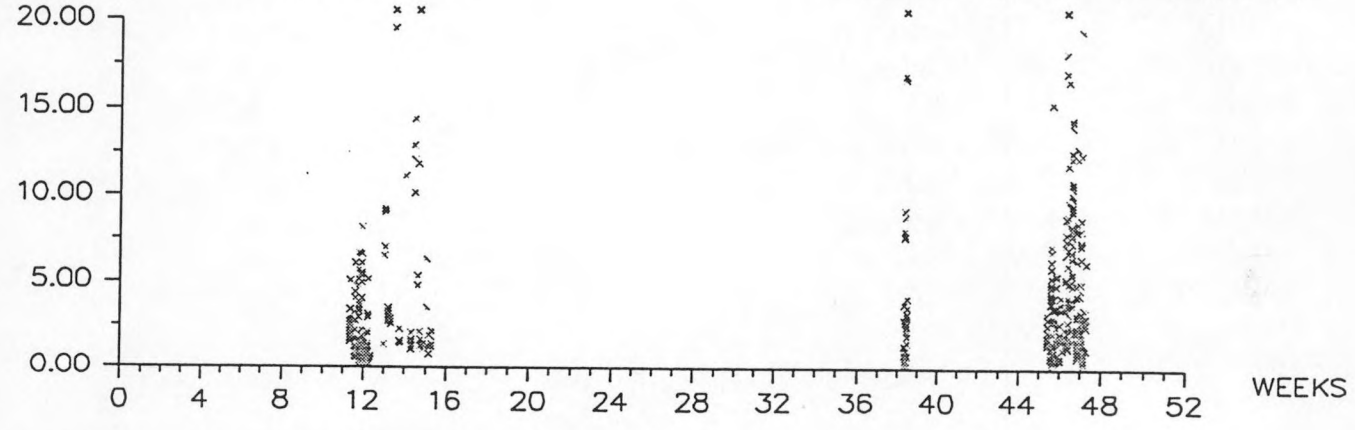
DEPTH–RANGE

UPPER : 0

LOWER : 2000

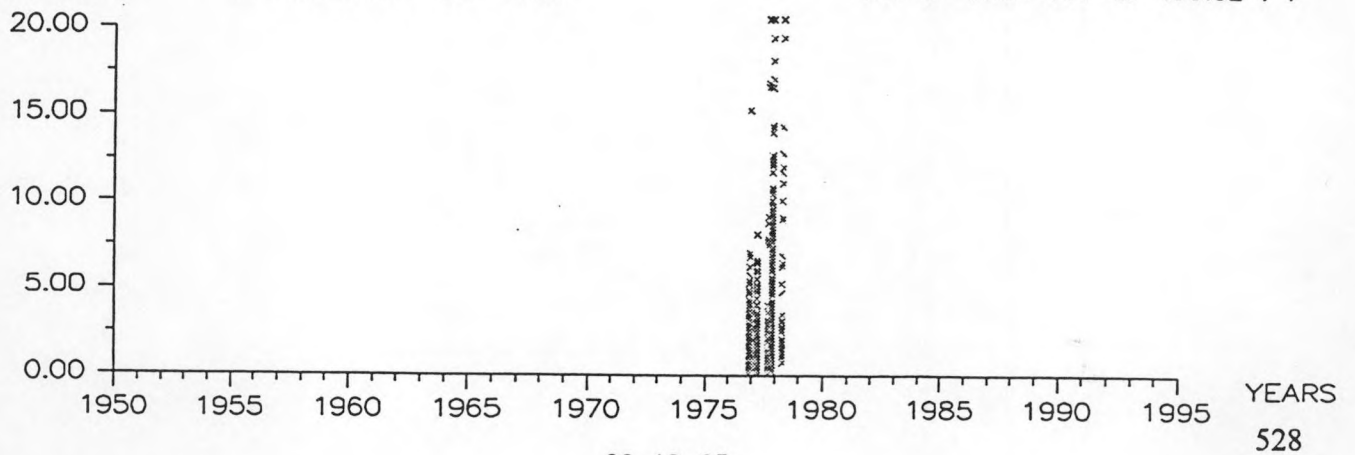
MY G/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 7



MY G/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 7



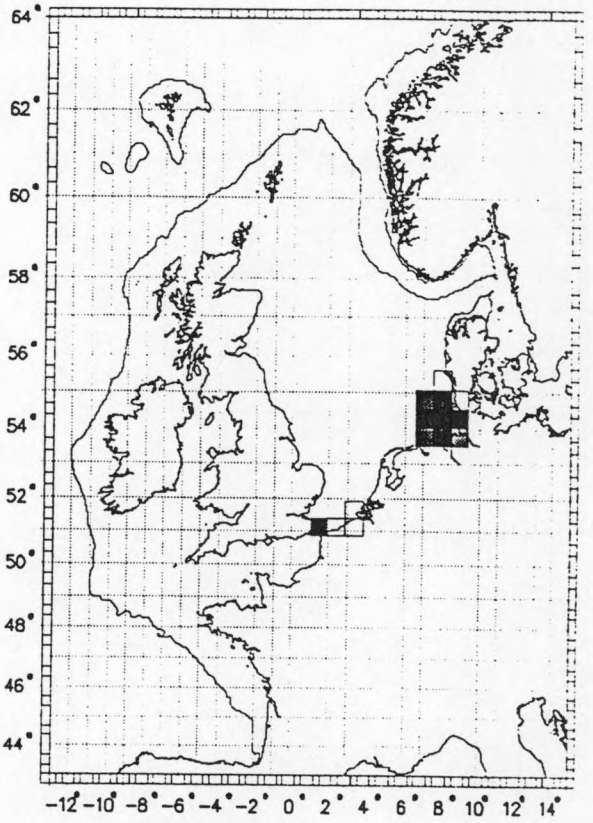
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010001
ENAME : BAH
UNITS : MY G/L
NO. OF DATA : 580
NO. OF POSITIONS : 117



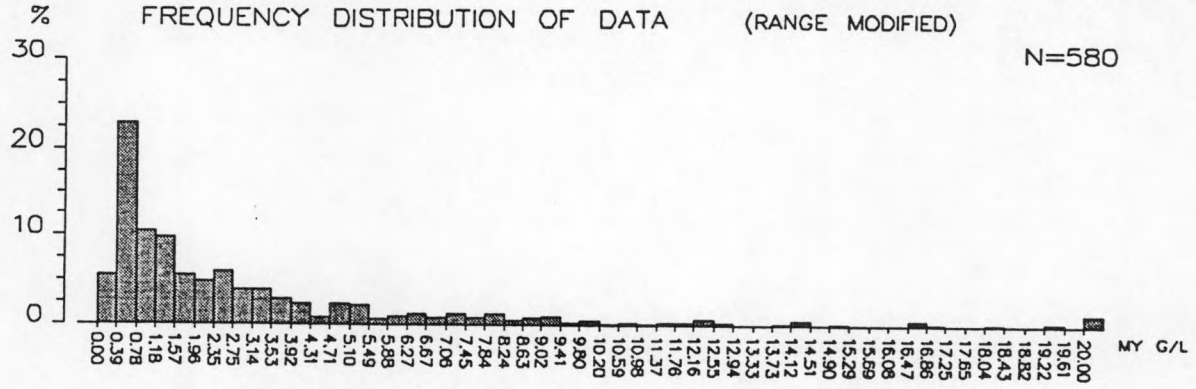
NO. OF DATA/AREA :
(without longterm data series !)

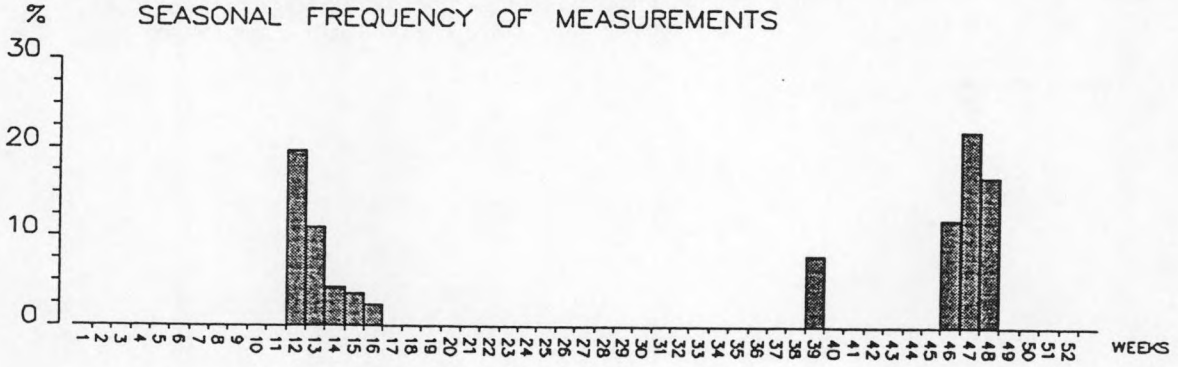
< 103	< 44
< 88	< 29
< 73	< 14
< 58	= 0

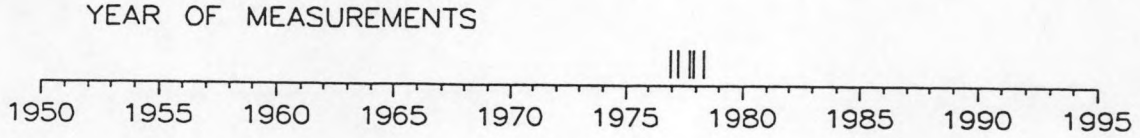
MINIMUM : 0.08
MAXIMUM : 31.08

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001140101

ENAME : BODC

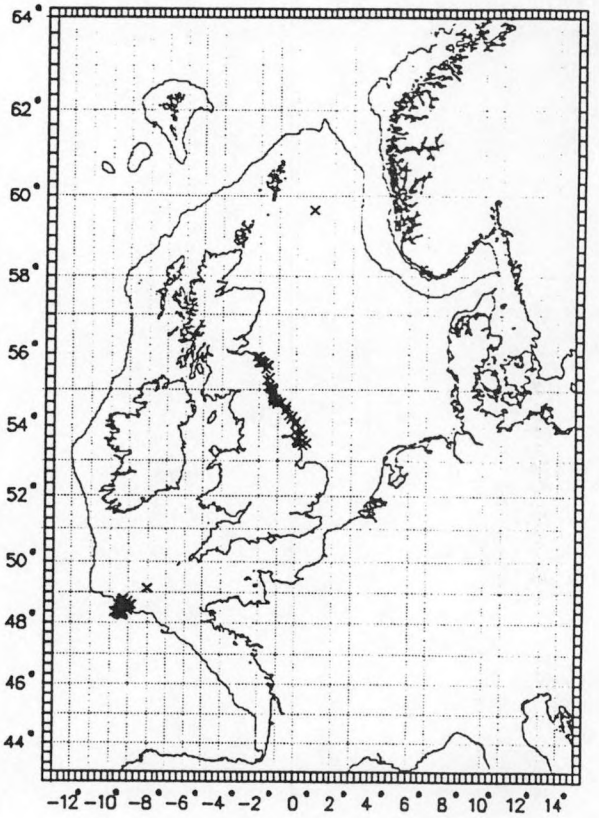
UNITS : MG/M**3

NO. OF POSITIONS : 113

NO. OF DATA : 5209

MINIMUM : 0.14

MAXIMUM : 4.50



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

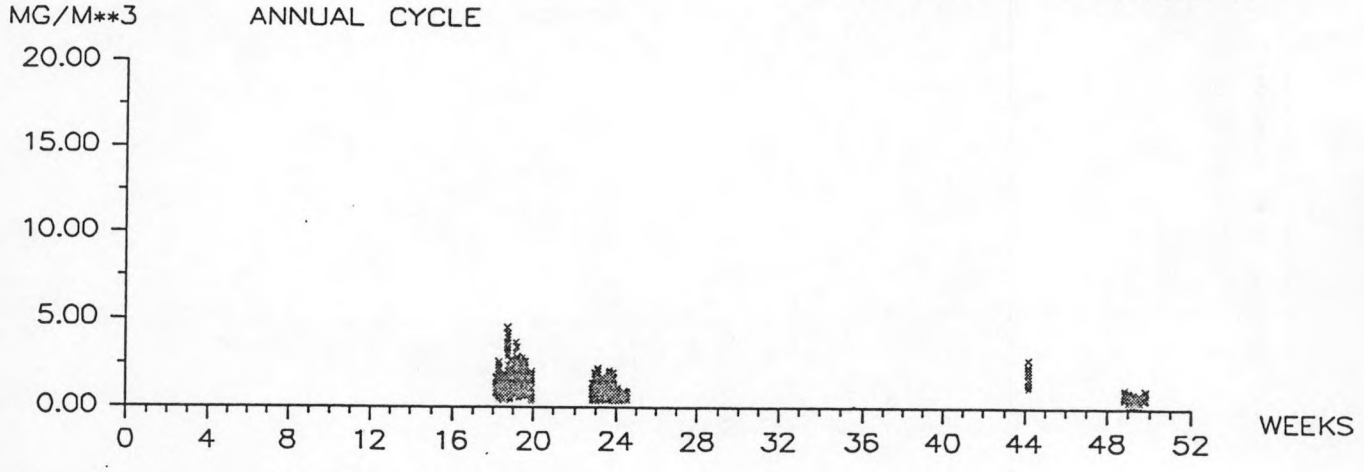
FIRST WEEK : 1

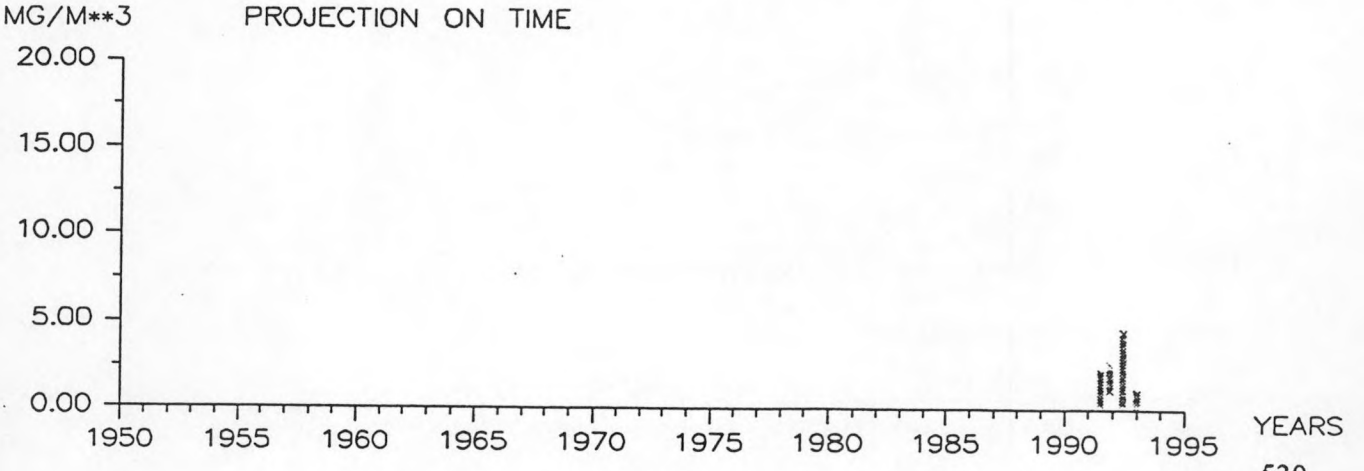
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



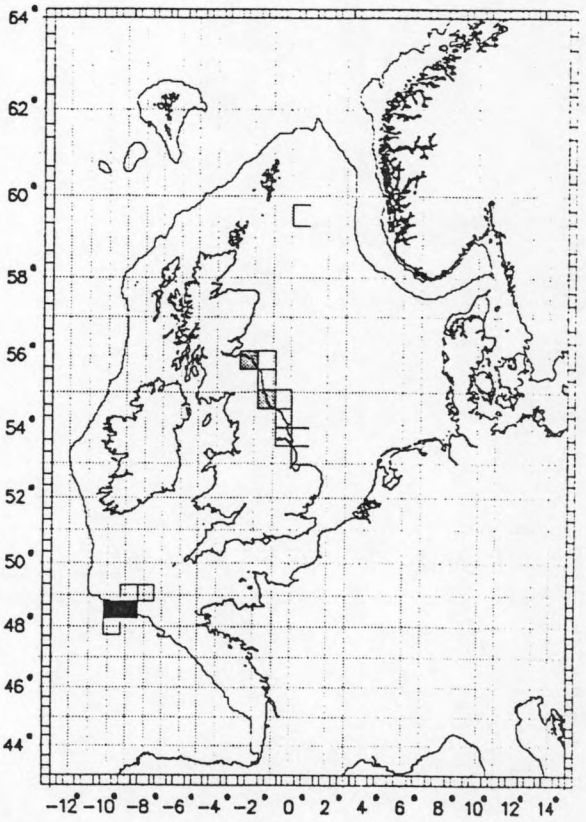


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL—A

PCODE : 4001140101
ENAME : BODC
UNITS : MG/M**3
NO. OF DATA : 5209
NO. OF POSITIONS : 113



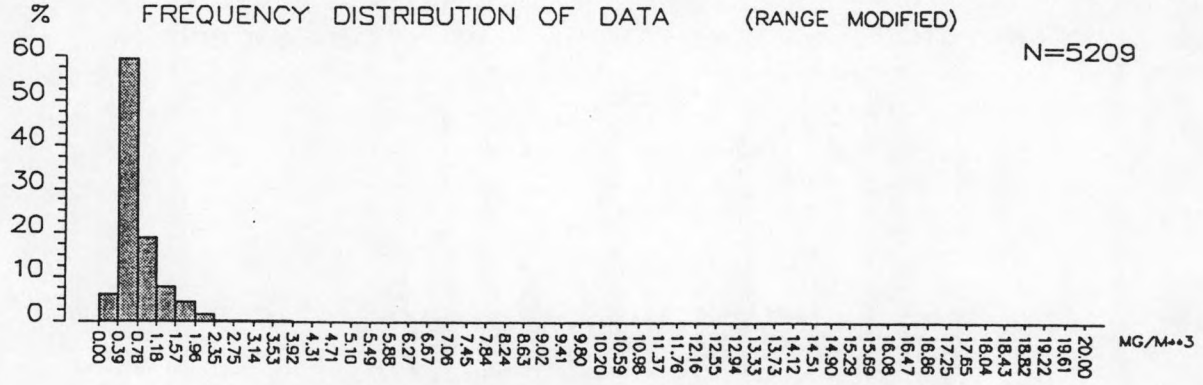
NO. OF DATA/AREA :
(without longterm data series !)

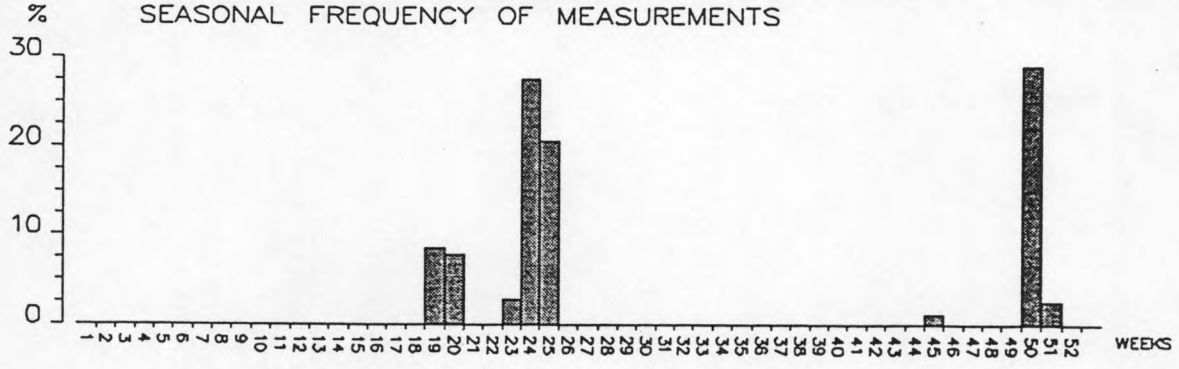
< 1788	< 766
< 1532	< 510
< 1277	< 255
< 1021	= 0

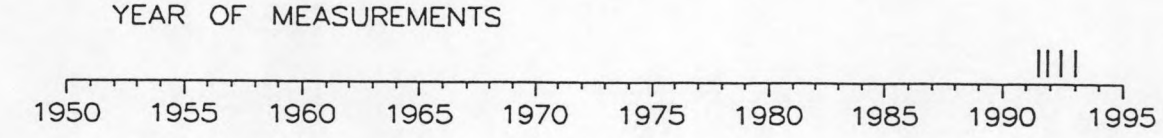
MINIMUM : 0.14
MAXIMUM : 4.50

MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000





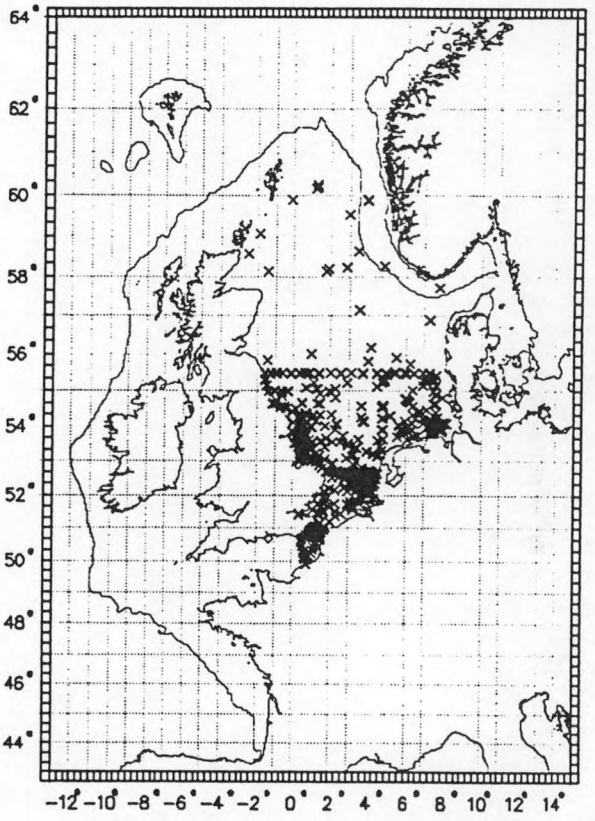


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

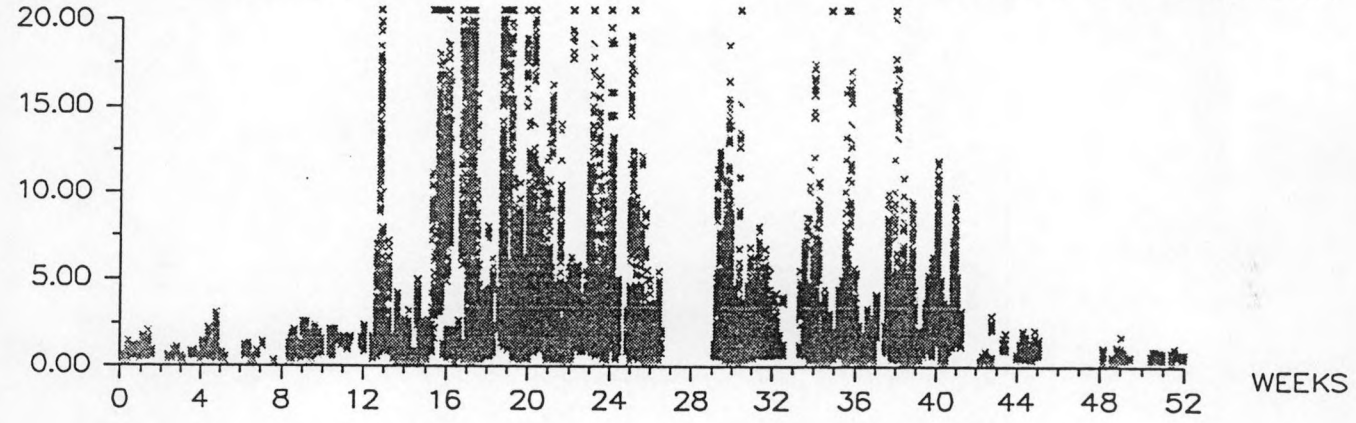
PCODE : 4001140601
ENAME : BODC/Lowry, R.
UNITS : MG/M**3
NO. OF POSITIONS : 2375
NO. OF DATA : 99443
MINIMUM : 0.00
MAXIMUM : 65.70



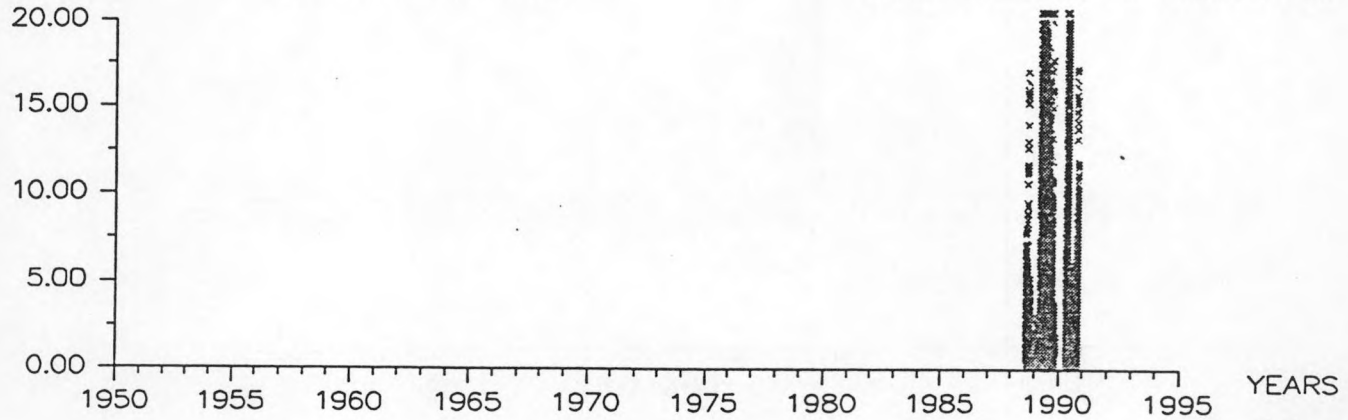
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MG/M**3 ANNUAL CYCLE NO. OF DATA OUT OF RANGE : 632



MG/M**3 PROJECTION ON TIME NO. OF DATA OUT OF RANGE : 632



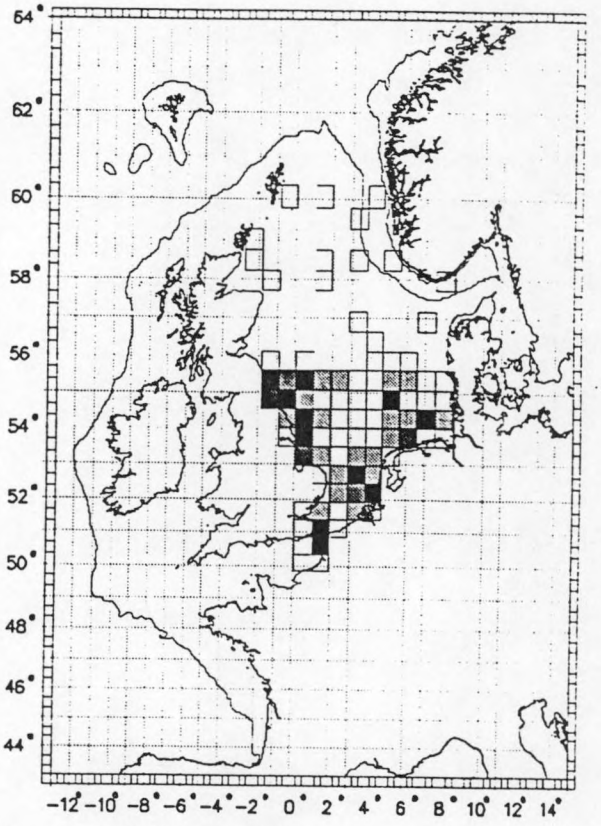
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001140601
ENAME : BODC/Lowry, R.
UNITS : MG/M**3
NO. OF DATA : 99443
NO. OF POSITIONS : 2375



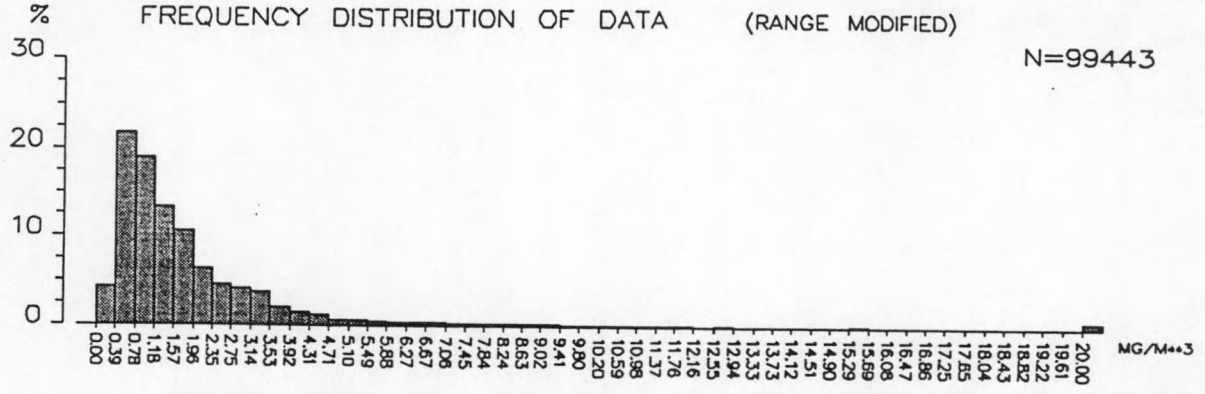
NO. OF DATA/AREA :
(without longterm data series !)

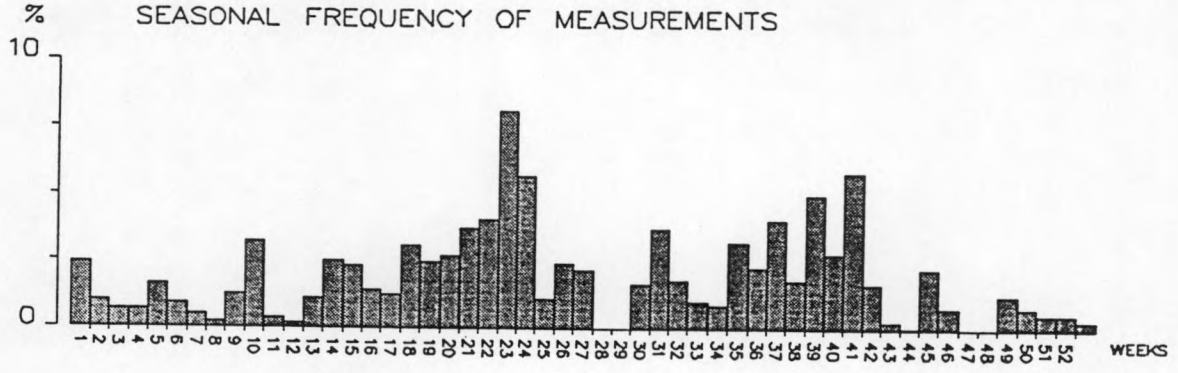
< 6536	< 2801
< < 5602	< < 1867
< < < 4668	< < < 933
< 3734	= 0

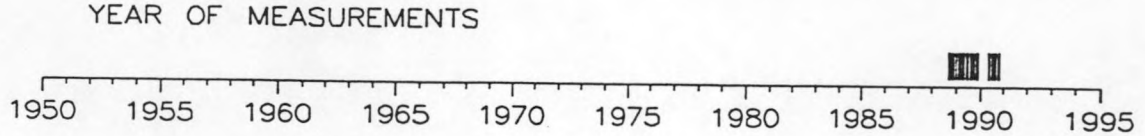
MINIMUM : 0.00
MAXIMUM : 65.70

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001143701

ENAME : BODC/Lowry, R.

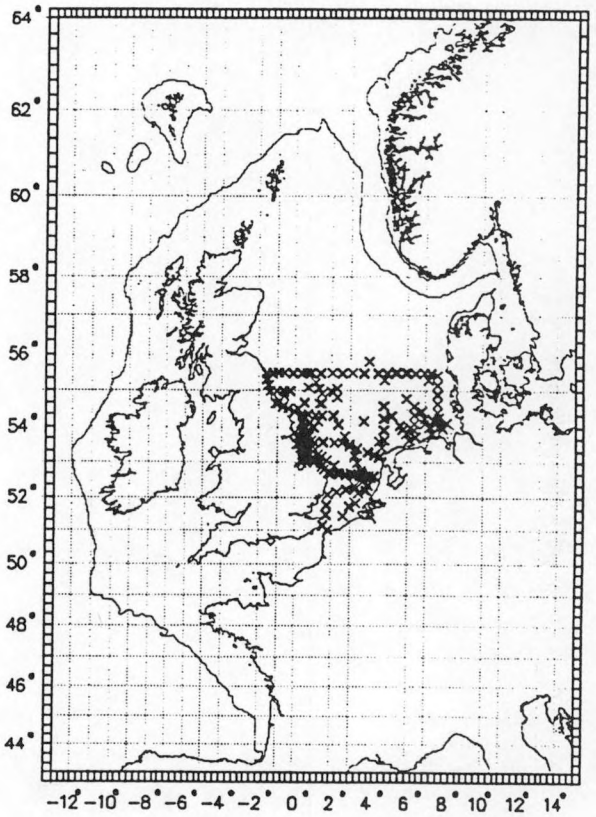
UNITS : MG/M**3

NO. OF POSITIONS : 1387

NO. OF DATA : 5221

MINIMUM : 0.00

MAXIMUM : 57.30



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

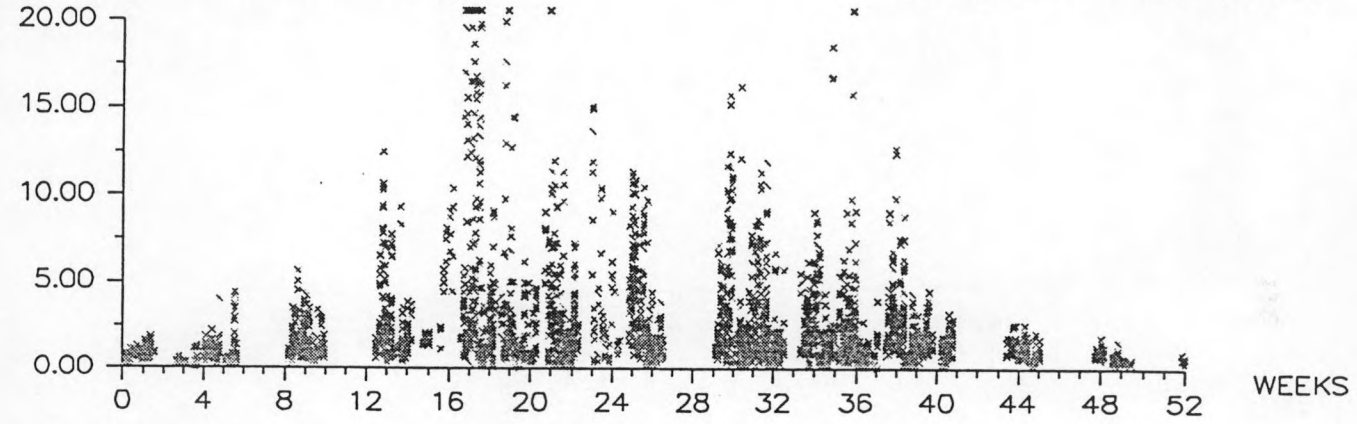
DEPTH–RANGE

UPPER : 0

LOWER : 2000

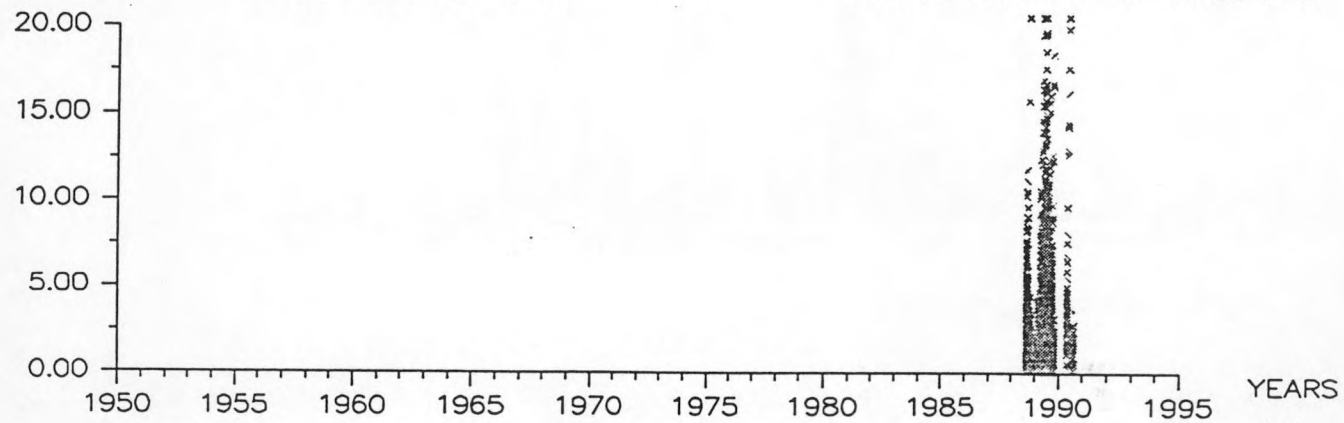
MG/M**3 ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 27



MG/M**3 PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 27



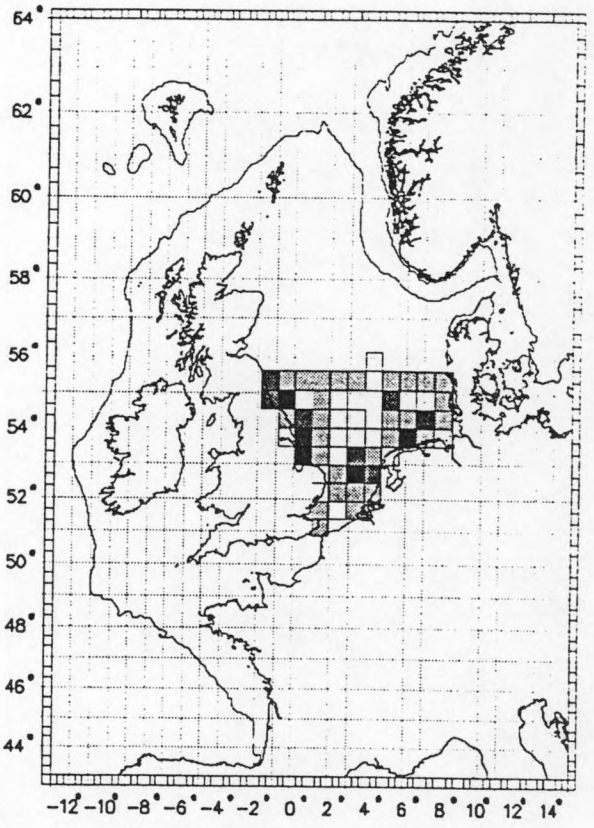
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL—A

PCODE : 4001143701
ENAME : BODC/Lowry, R.
UNITS : MG/M**3
NO. OF DATA : 5221
NO. OF POSITIONS : 1387



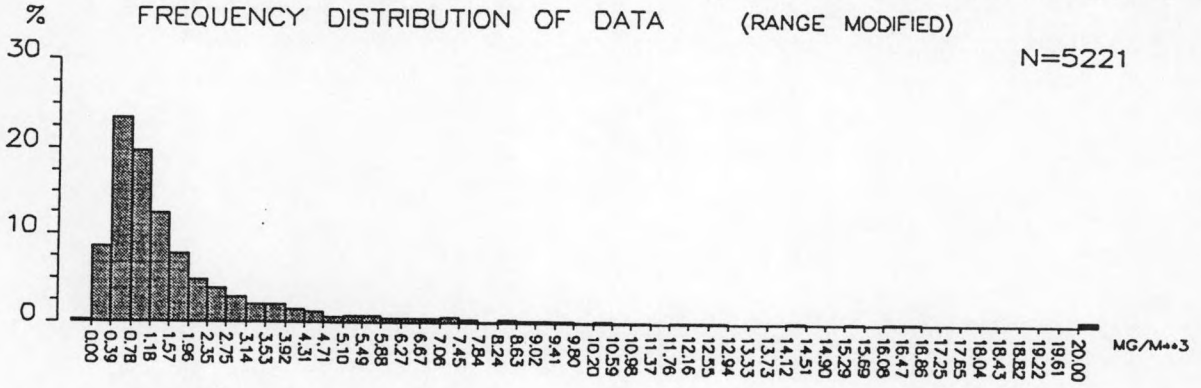
NO. OF DATA/AREA :
(without longterm data series !)

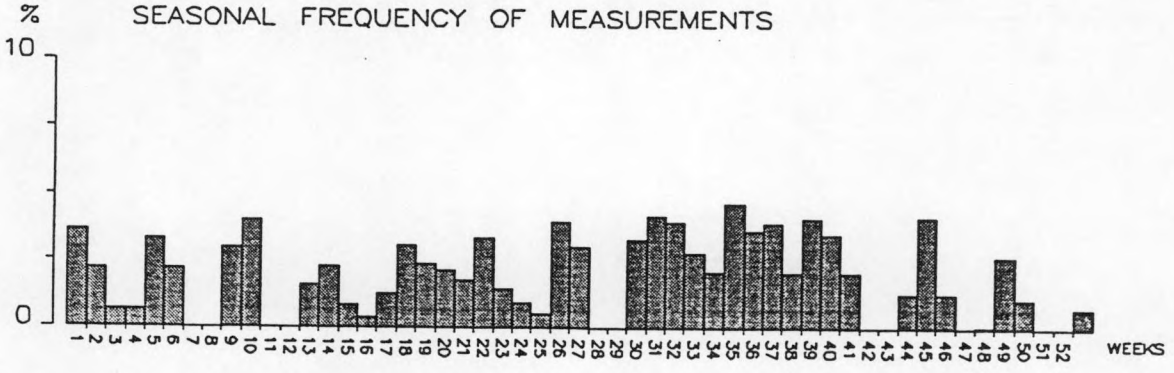
<	441	<	189
<	378	<	126
<	315	<	63
<	252	=	0

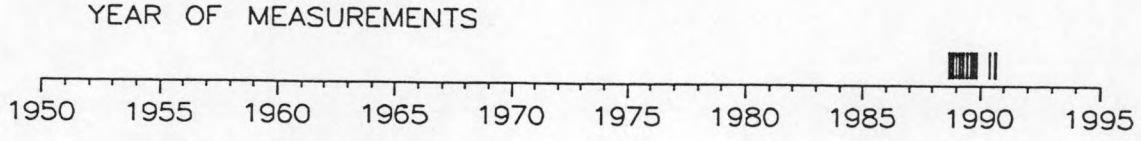
MINIMUM : 0.00
MAXIMUM : 57.30

MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000





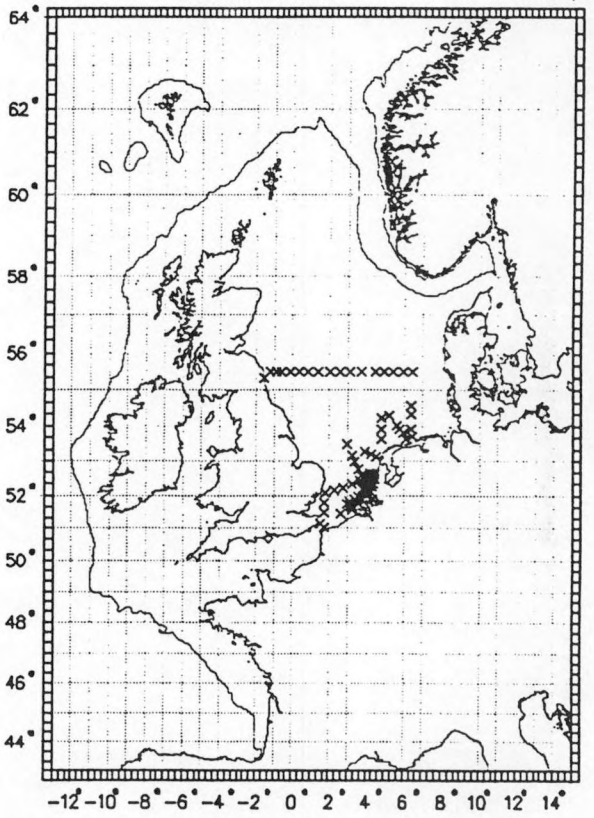


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

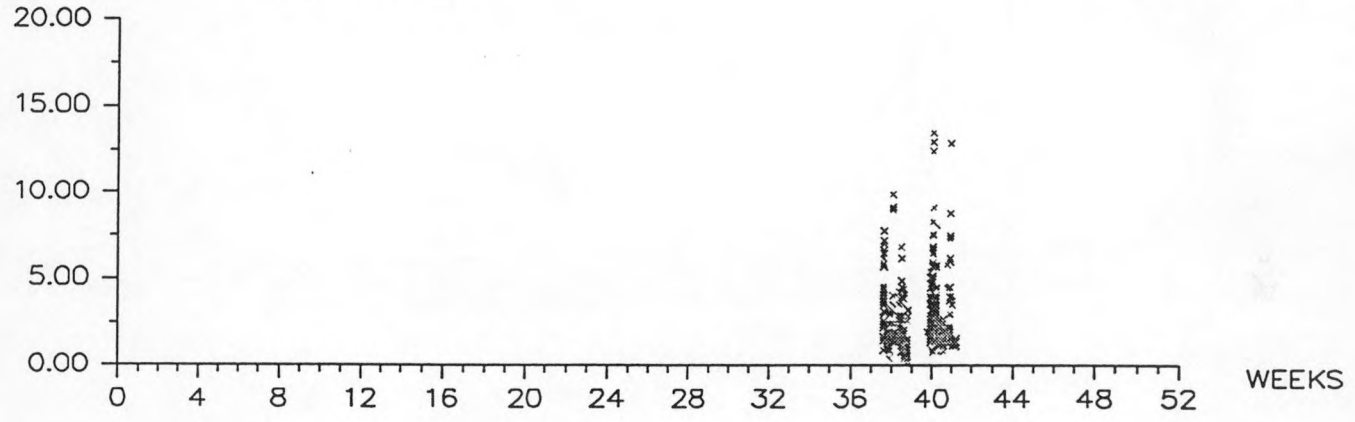
PCODE : 4001143801
ENAME : BODC/Lowry, R.
UNITS : MG/M**3
NO. OF POSITIONS : 156
NO. OF DATA : 413
MINIMUM : 0.10
MAXIMUM : 13.40



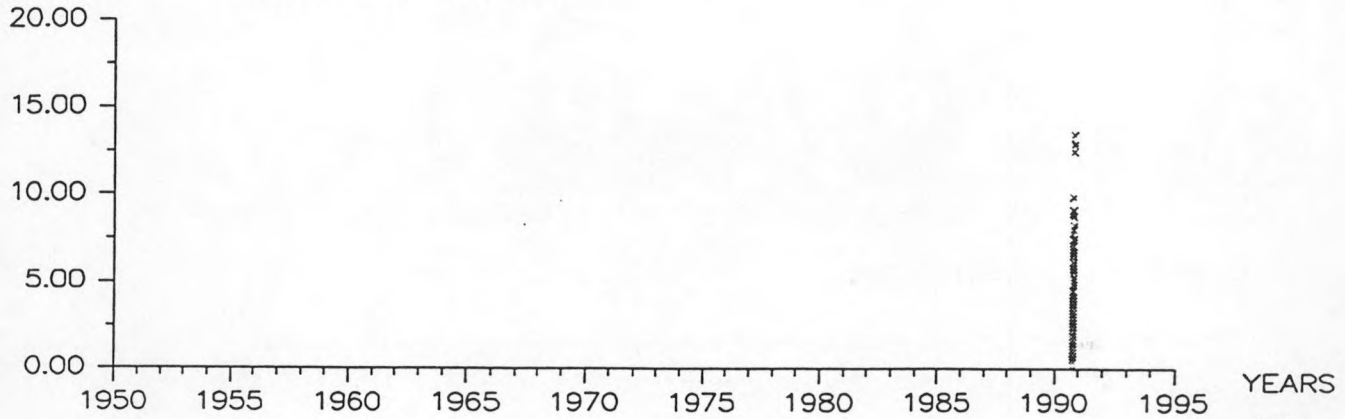
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MG/M**3 ANNUAL CYCLE



MG/M**3 PROJECTION ON TIME



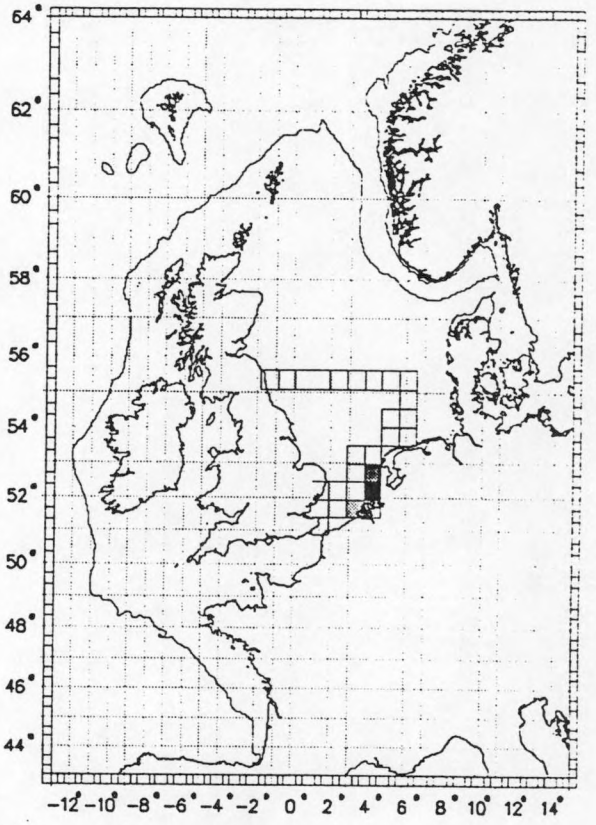
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001143801
ENAME : BODC/Lowry, R.
UNITS : MG/M**3
NO. OF DATA : 413
NO. OF POSITIONS : 156



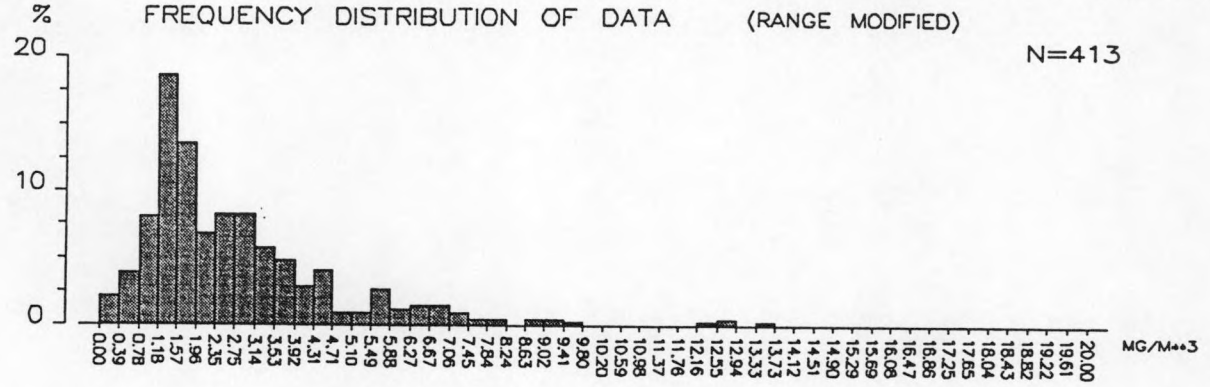
NO. OF DATA/AREA :
(without longterm data series !)

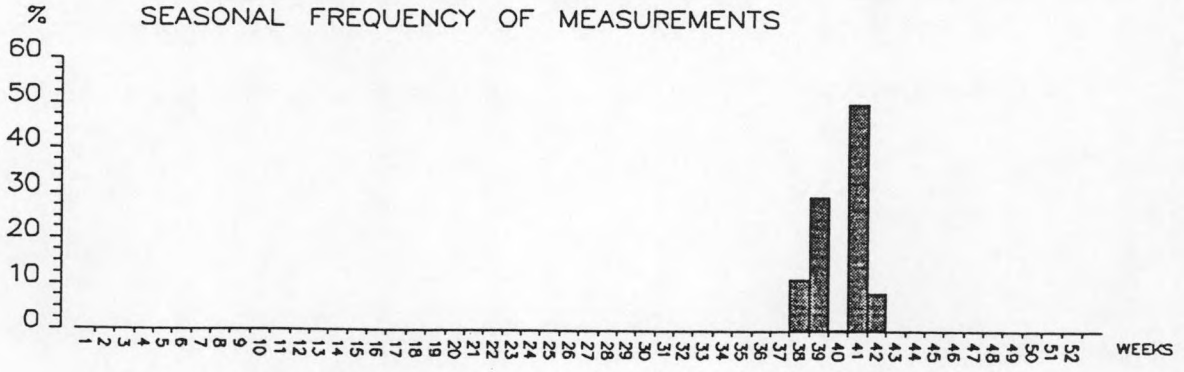
< 172	< 73
< 147	< 49
< 122	< 24
< 98	= 0

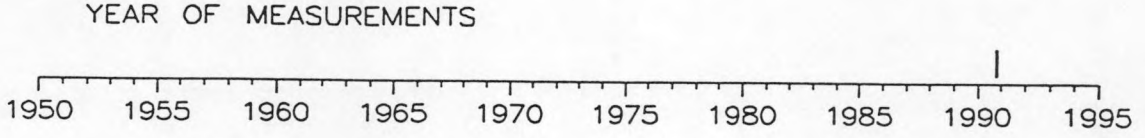
MINIMUM : 0.10
MAXIMUM : 13.40

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010001

ENAME : BSH

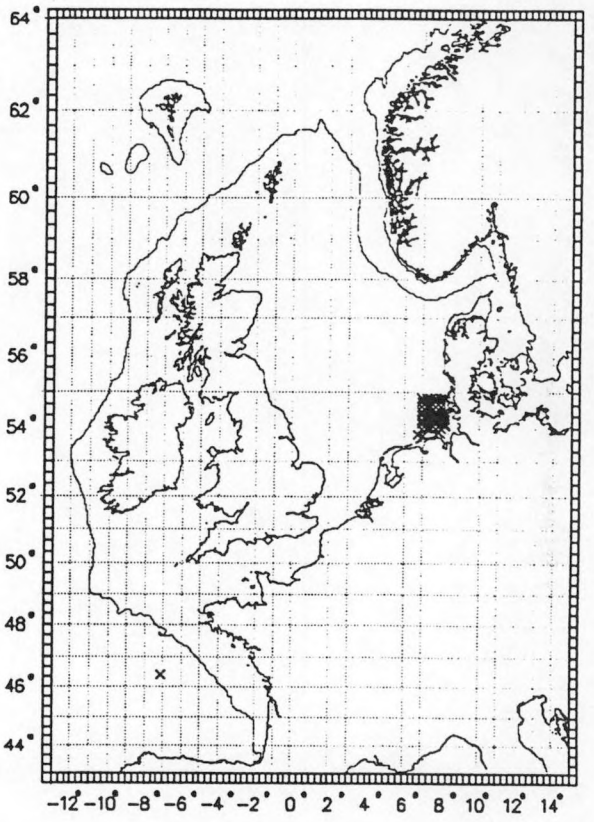
UNITS : MY G/L

NO. OF POSITIONS : 51

NO. OF DATA : 279

MINIMUM : 0.22

MAXIMUM : 29.66



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

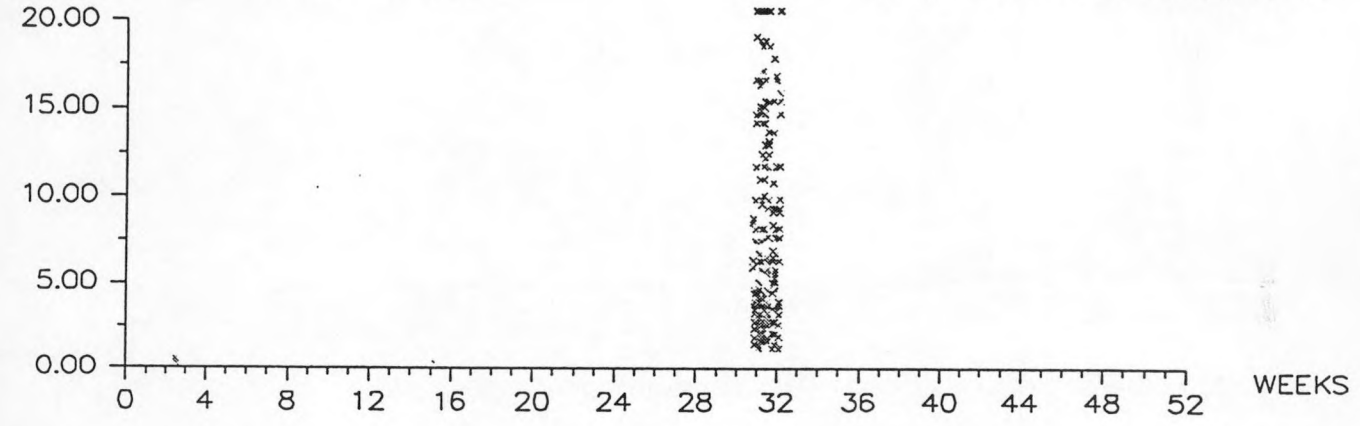
DEPTH–RANGE

UPPER : 0

LOWER : 2000

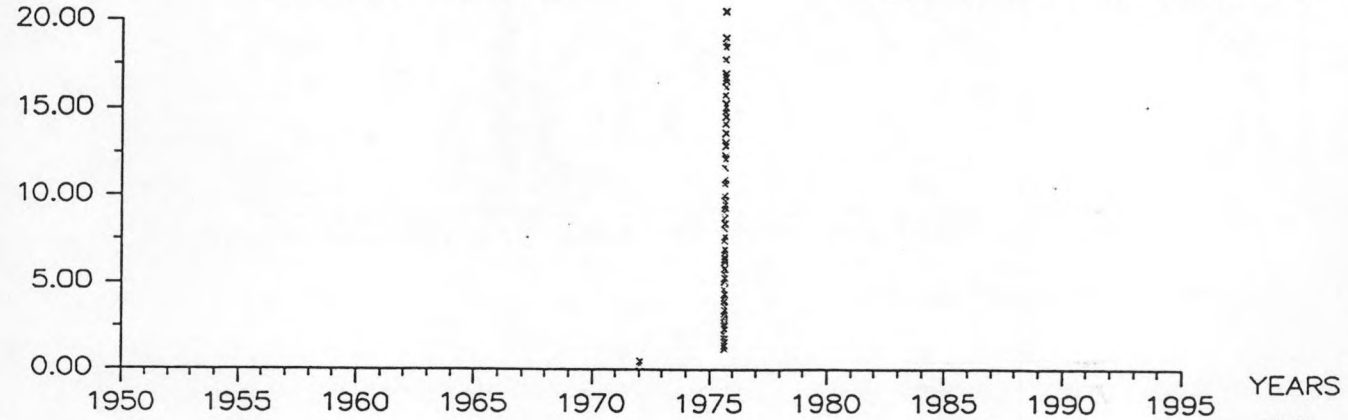
NO. OF DATA OUT OF RANGE : 22

MY G/L ANNUAL CYCLE



MY G/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 22



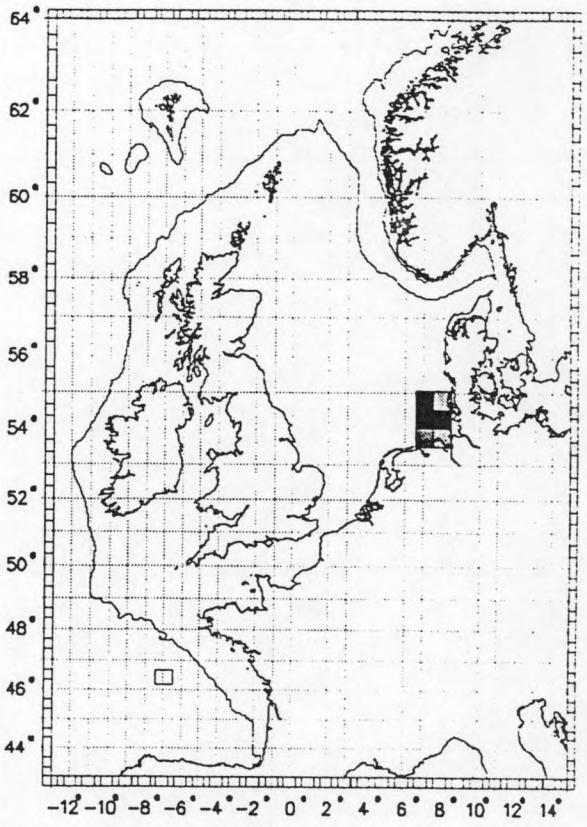
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010001
ENAME : BSH
UNITS : MY G/L
NO. OF DATA : 279
NO. OF POSITIONS : 51



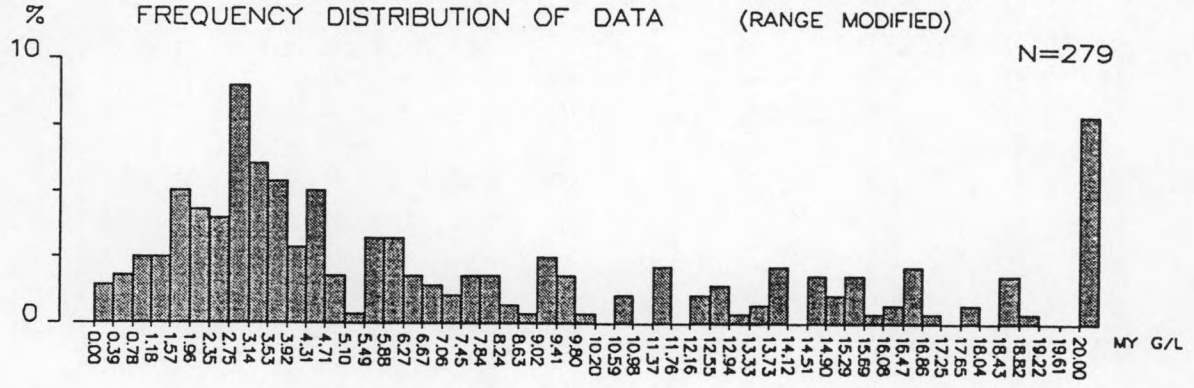
NO. OF DATA/AREA :
(without longterm data series !)

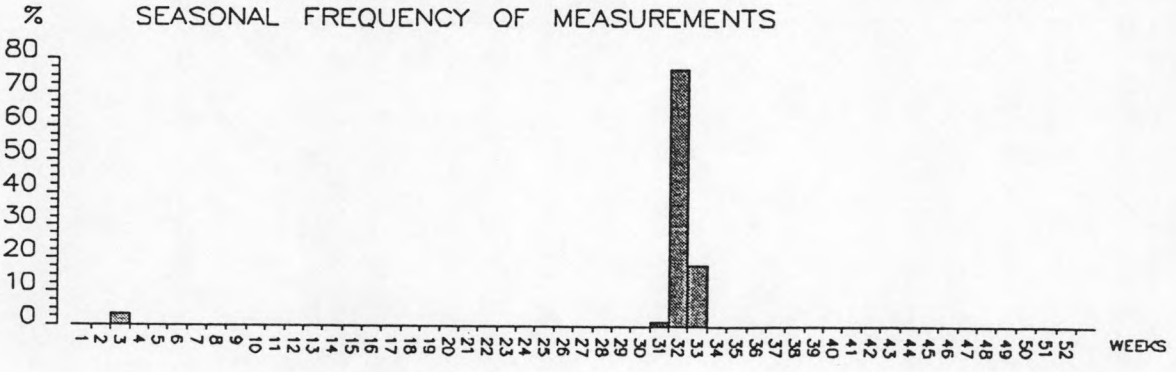
< 88	< 37
< 75	< 25
< 62	< 12
< 50	= 0

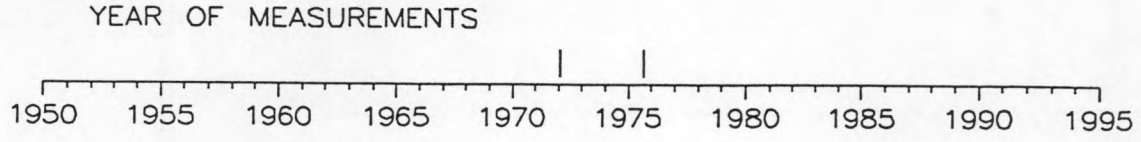
MINIMUM : 0.22
MAXIMUM : 29.66

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010001

ENAME : HELCOM

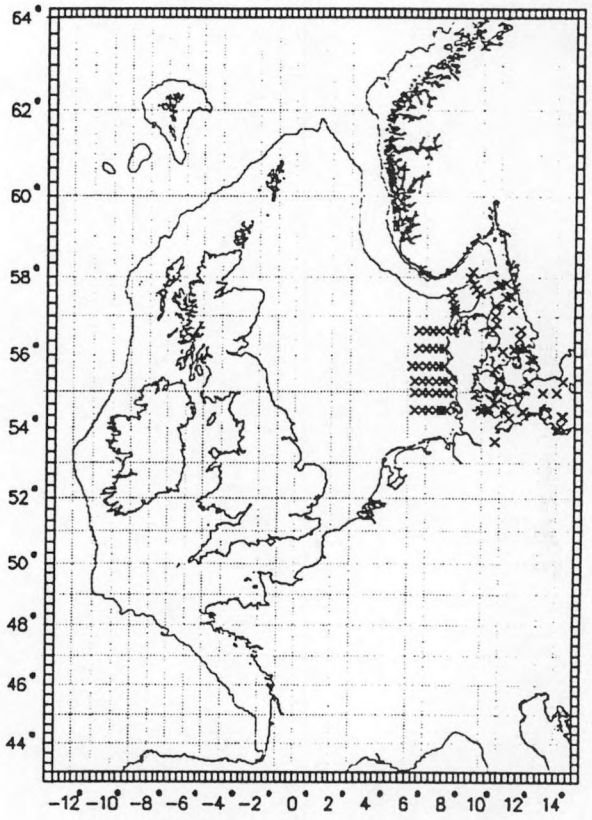
UNITS : MY G/L

NO. OF POSITIONS : 86

NO. OF DATA : 1389

MINIMUM : 0.00

MAXIMUM : 98.50



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

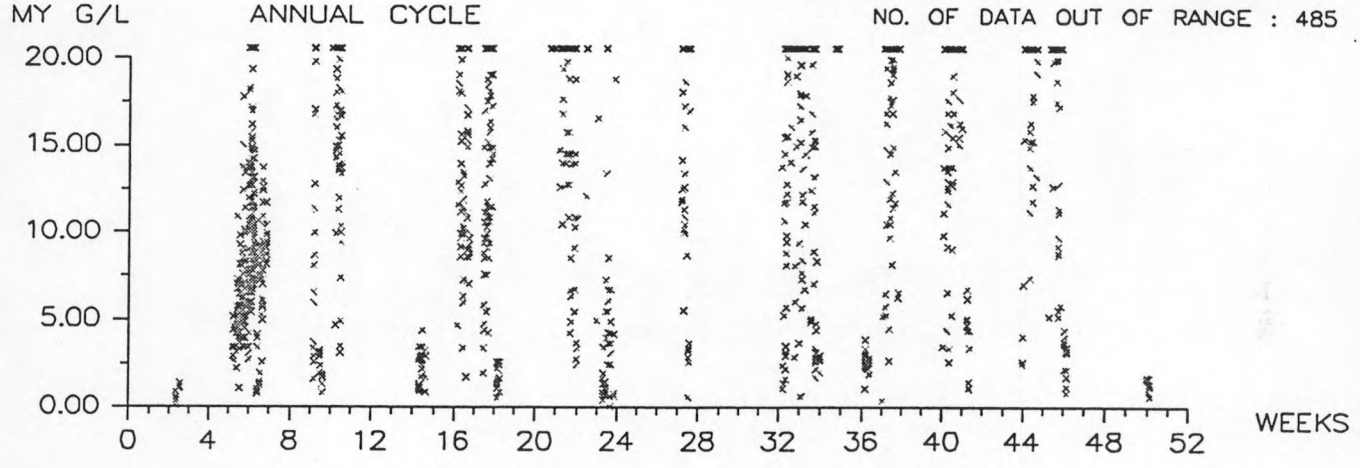
FIRST WEEK : 1

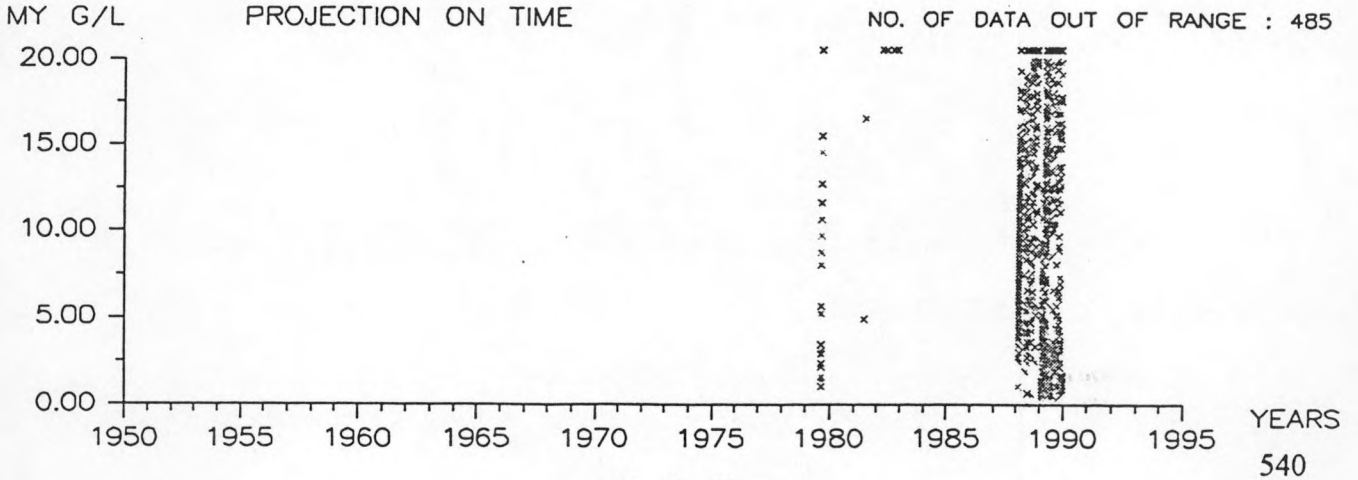
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



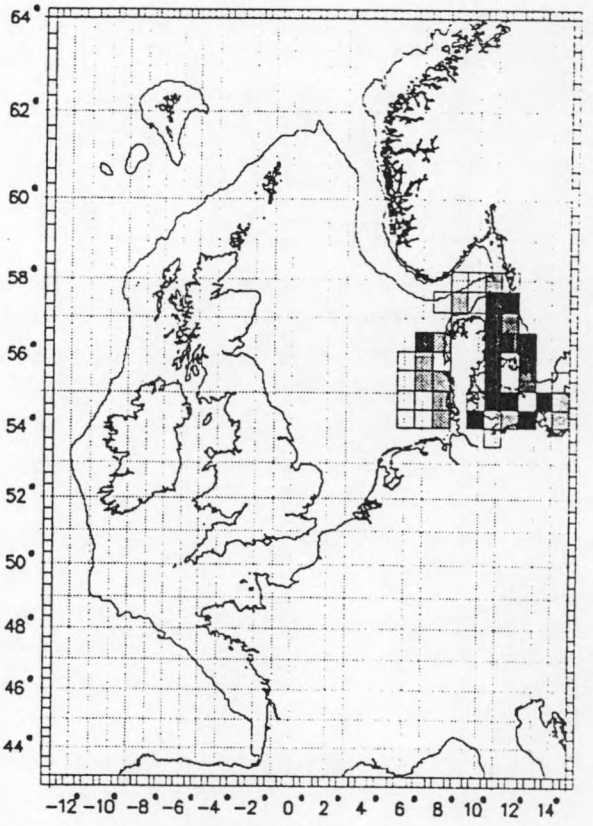


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL—A

PCODE : 4001010001
ENAME : HELCOM
UNITS : MY G/L
NO. OF DATA : 1389
NO. OF POSITIONS : 86



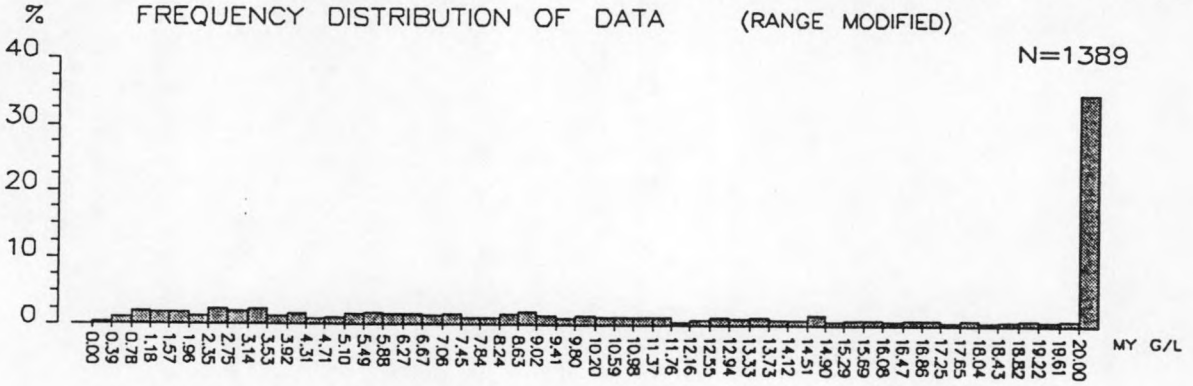
NO. OF DATA/AREA :
(without longterm data series !)

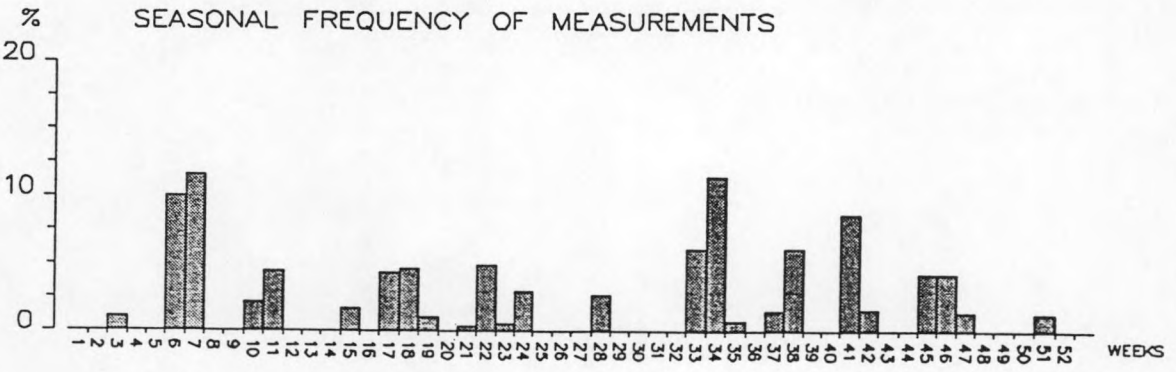
< 109	< 46
< 93	< 31
< 77	< 15
< 62	= 0

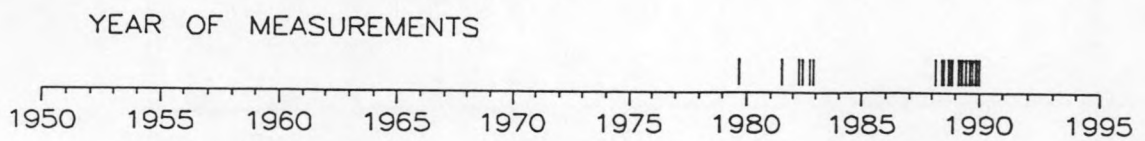
MINIMUM : 0.00
MAXIMUM : 98.50

MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000







96—10—03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010901

ENAME : IAB/Krause,M. Trahms,J.

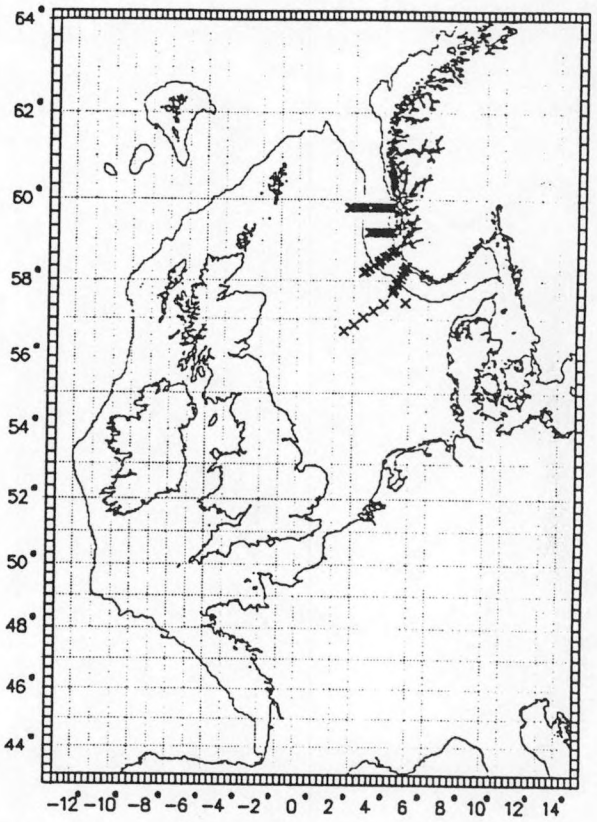
UNITS : MY G/L

NO. OF POSITIONS : 56

NO. OF DATA : 74

MINIMUM : 0.27

MAXIMUM : 13.83



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

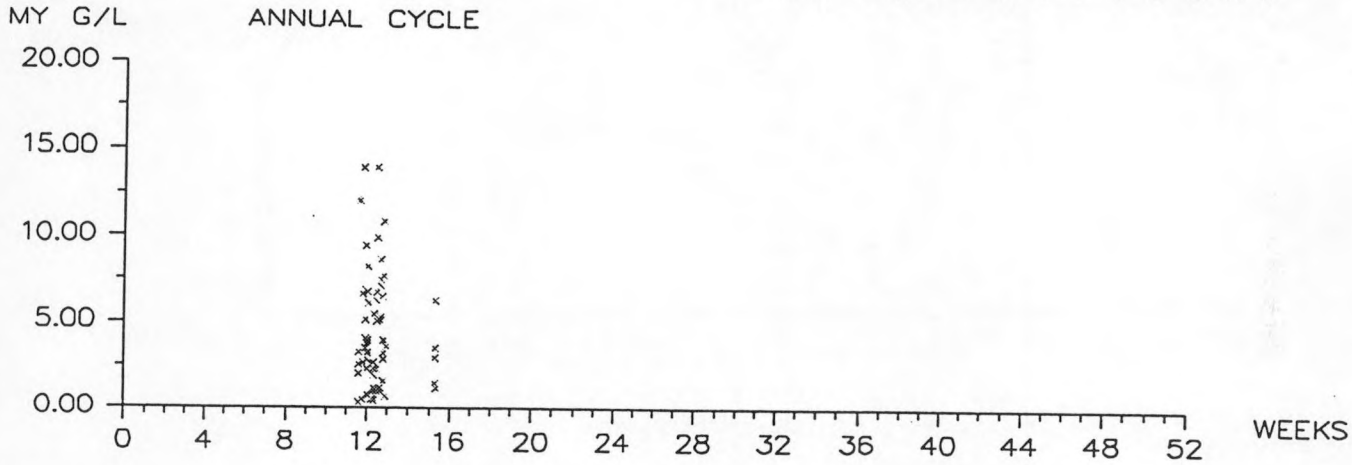
FIRST WEEK : 1

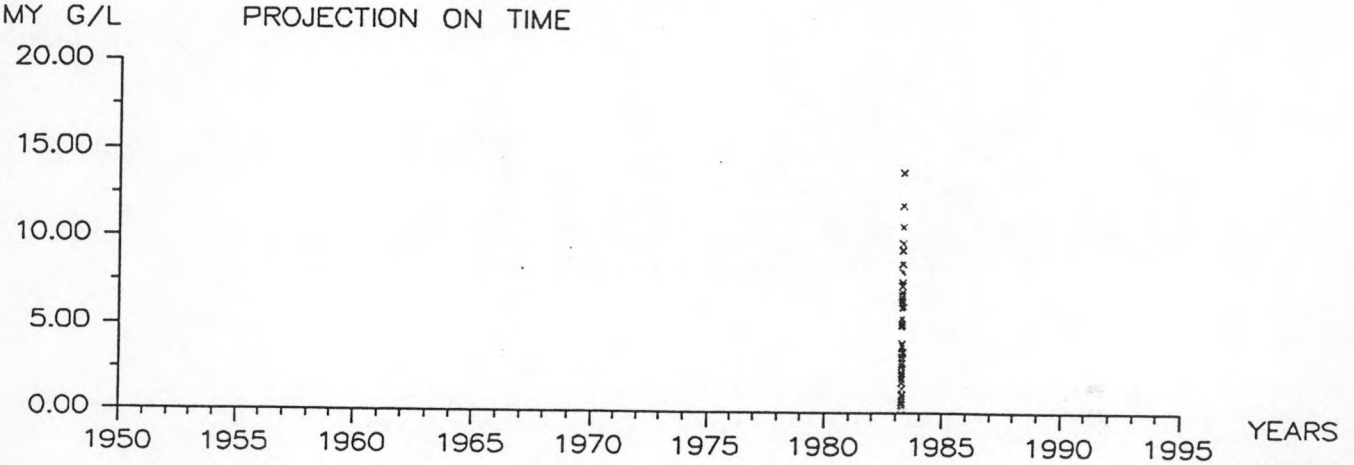
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



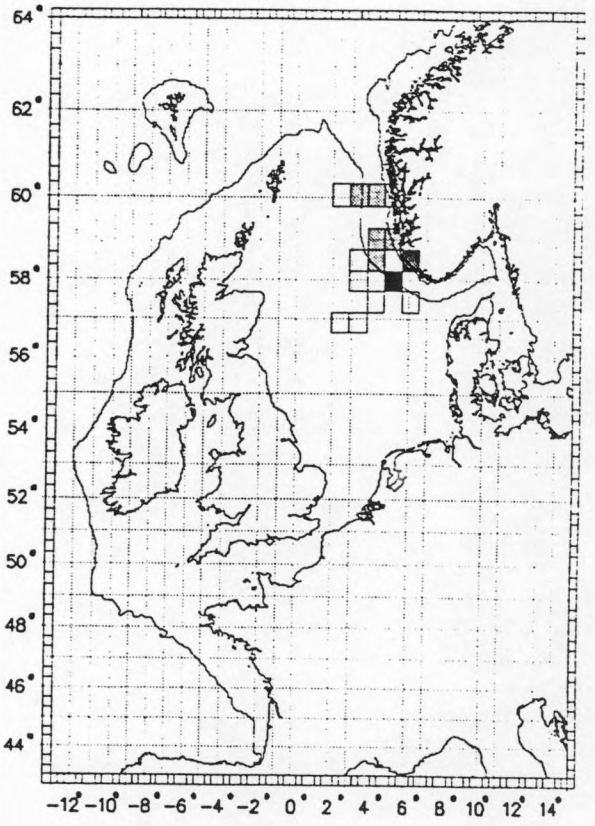


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010901
ENAME : IAB/Krause,M. Trahms,J.
UNITS : MY G/L
NO. OF DATA : 74
NO. OF POSITIONS : 56



NO. OF DATA/AREA :
(without longterm data series !)

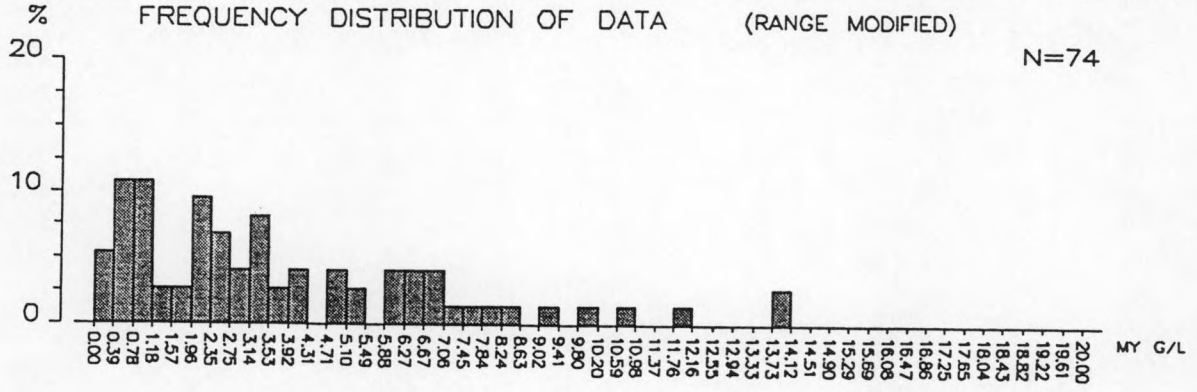
< 22
< 18
< 15
< 12

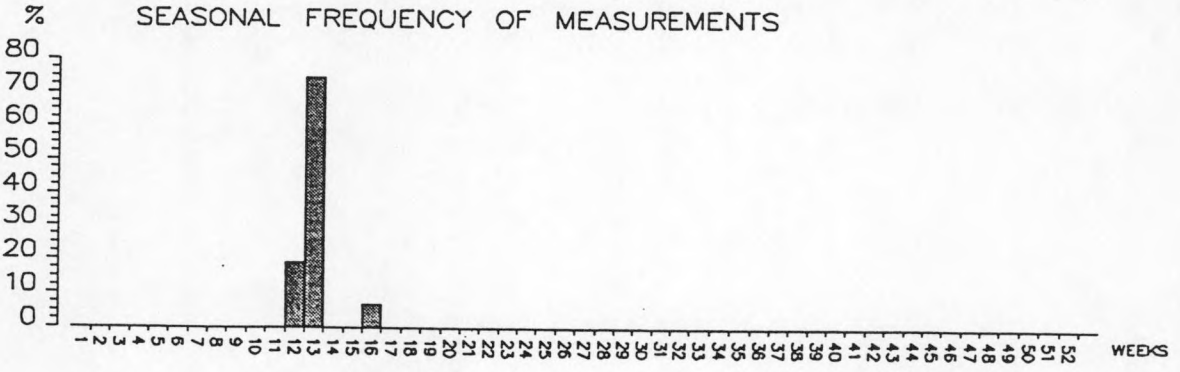
< 9
< 6
< 3
= 0

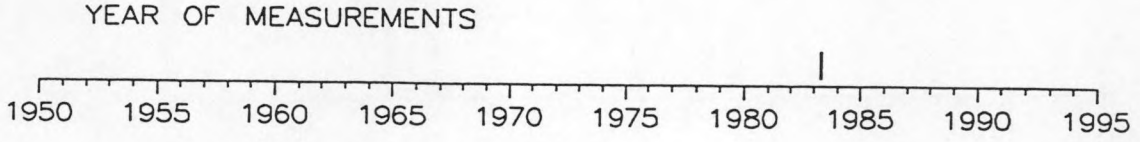
MINIMUM : 0.27
MAXIMUM : 13.83

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







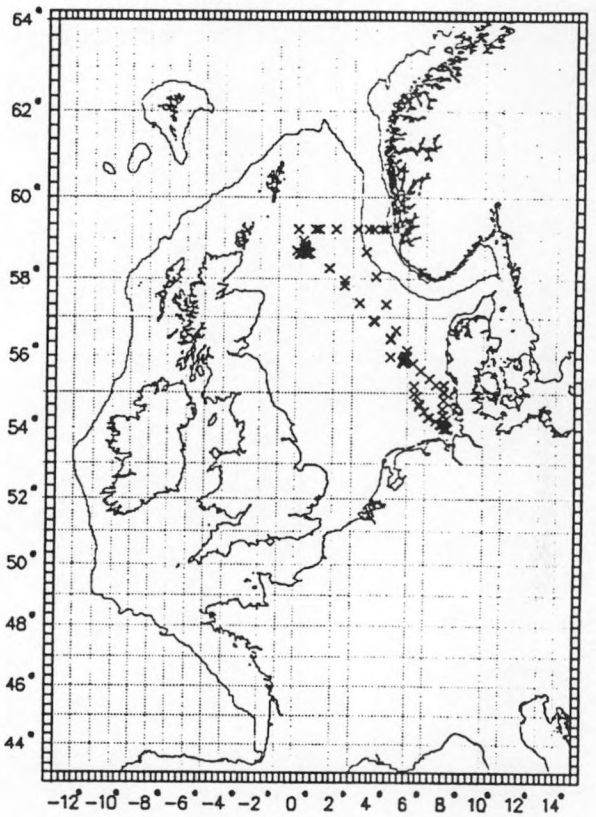
96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

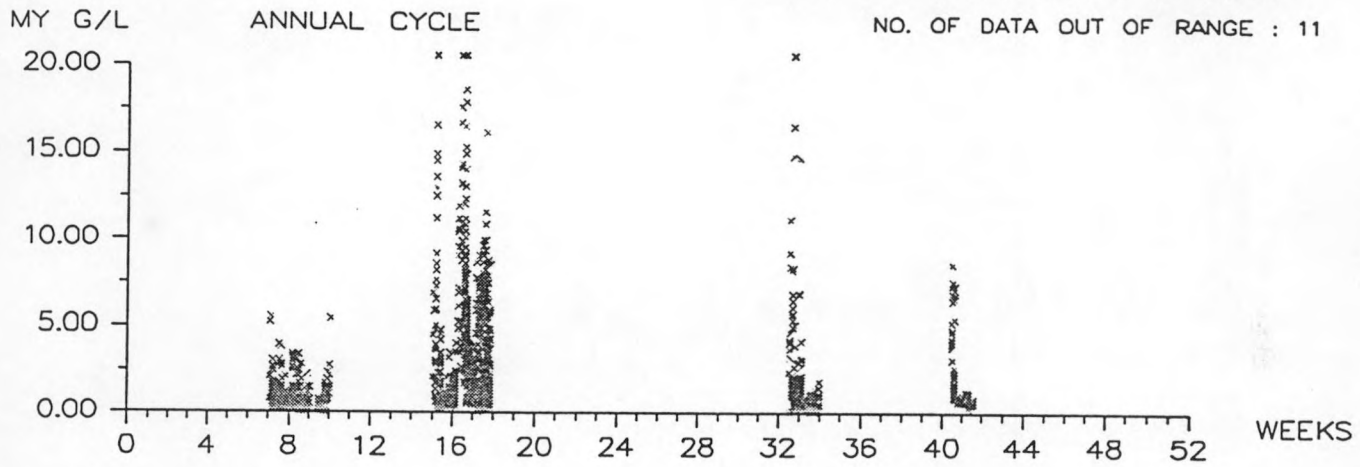
PCODE : 4001010901
ENAME : IAB/Stoob,K., Univ. Ha.
UNITS : MY G/L
NO. OF POSITIONS : 237
NO. OF DATA : 2902
MINIMUM : 0.00
MAXIMUM : 34.42

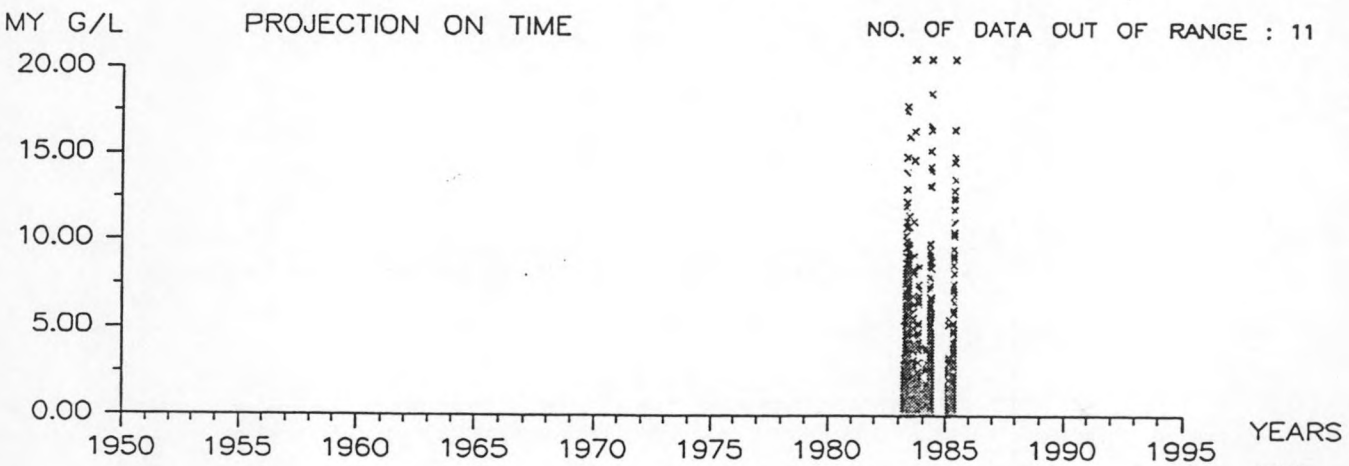


NO. OF DATA OUT OF RANGE : 11

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





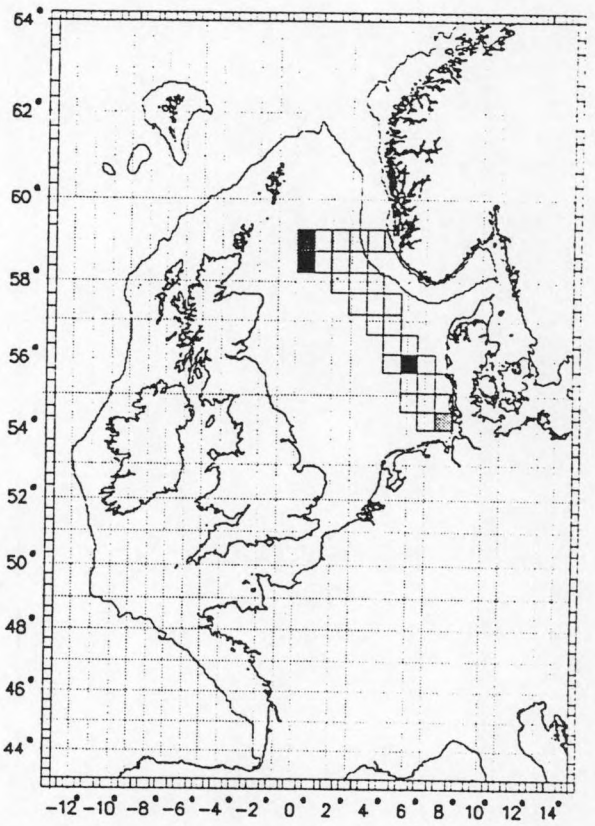
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010901
ENAME : IAB/Stoob,K., Univ. Ha.
UNITS : MY G/L
NO. OF DATA : 2902
NO. OF POSITIONS : 237



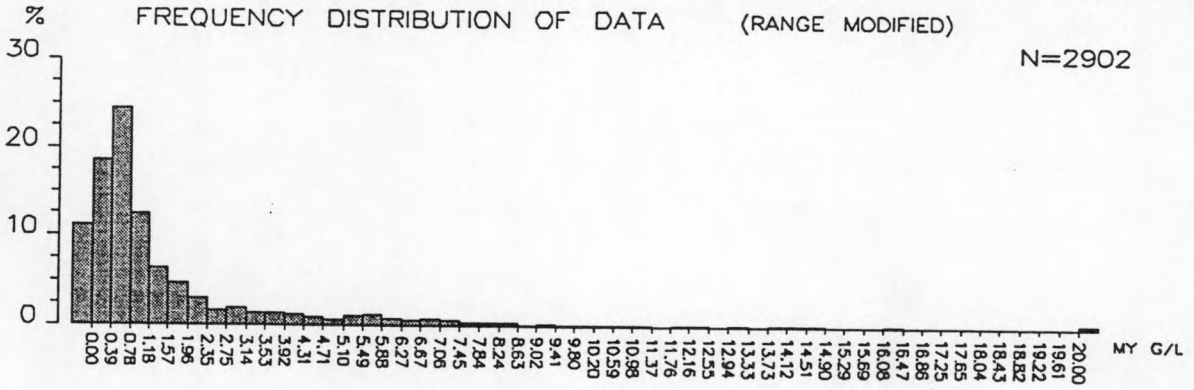
NO. OF DATA/AREA :
(without longterm data series !)

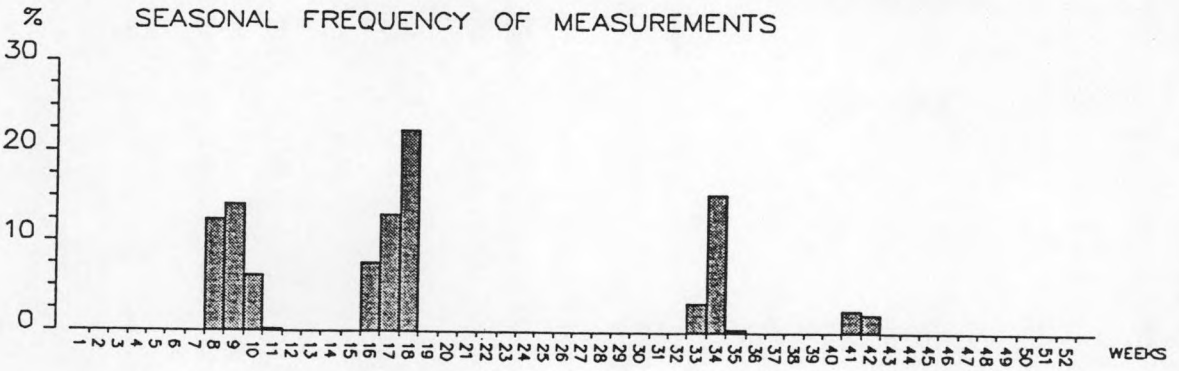
< 841	< 360
< 720	< < 240
< 600	< < 120
< 480	= 0

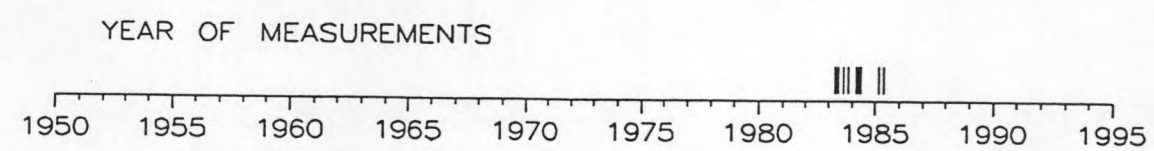
MINIMUM : 0.00
MAXIMUM : 34.42

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





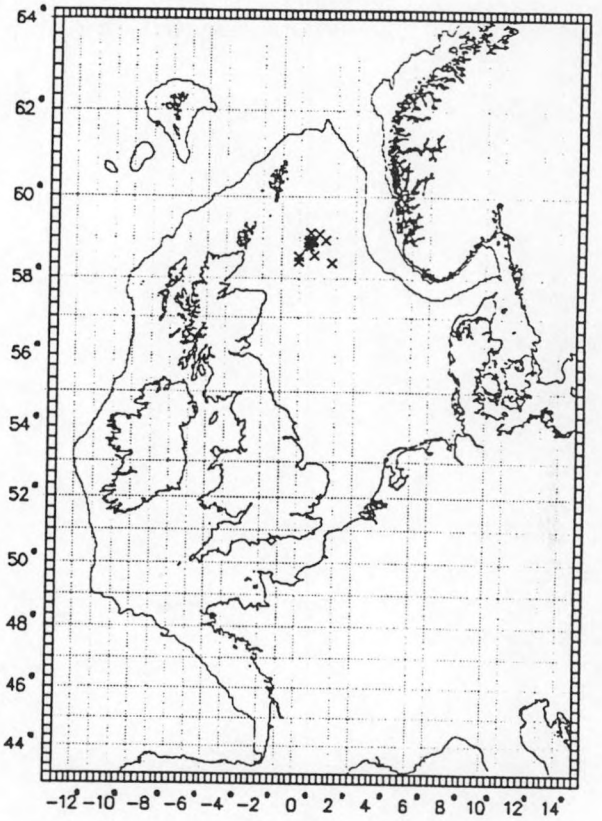


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

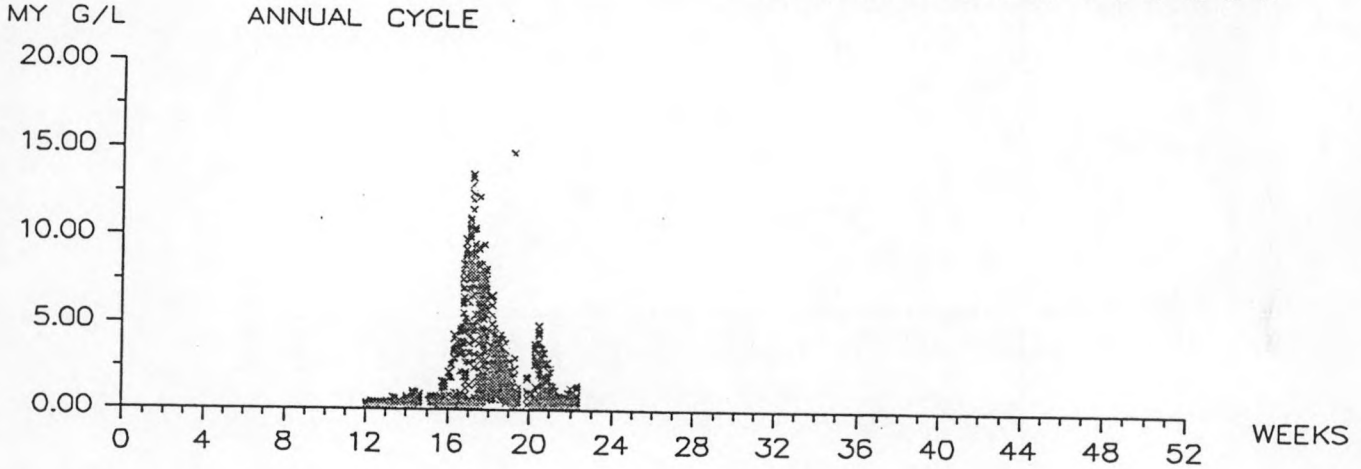
CHLOROPHYLL–A

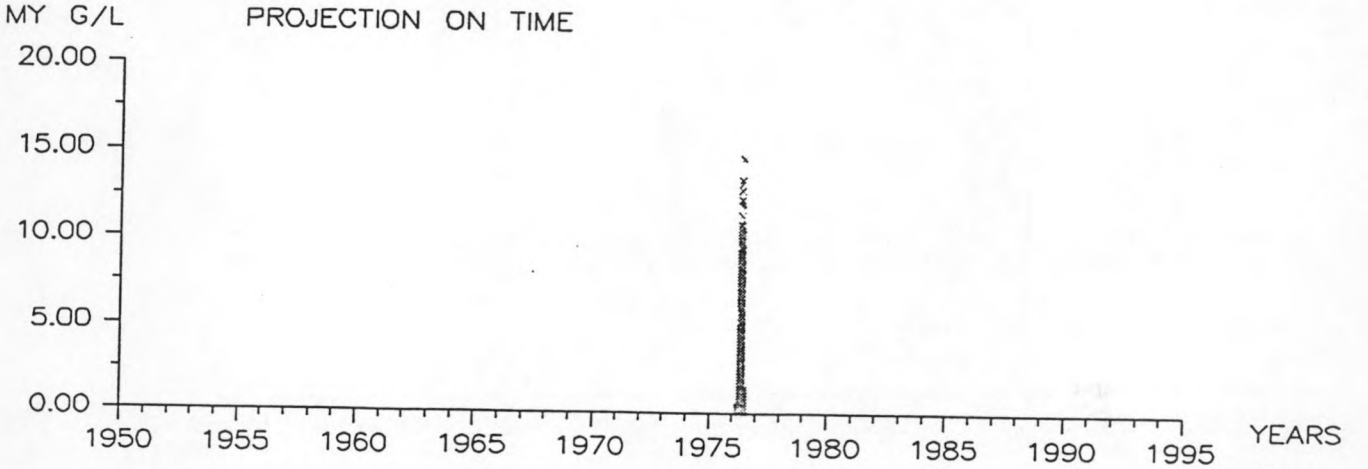
PCODE : 4001010901
ENAME : IAB/Weber,A., Univ. Ha.
UNITS : MY G/L
NO. OF POSITIONS : 158
NO. OF DATA : 1874
MINIMUM : 0.09
MAXIMUM : 14.68



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



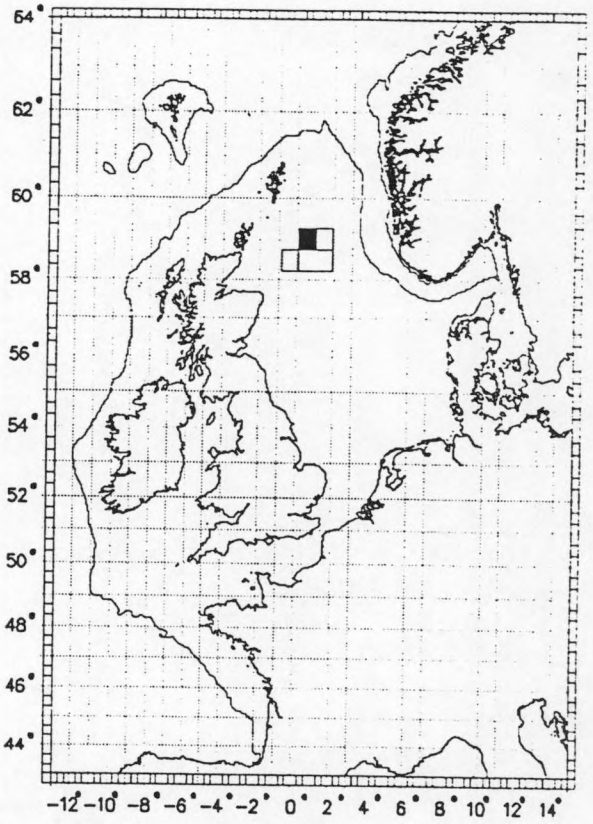


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL—A

PCODE : 4001010901
ENAME : IAB/Weber,A., Univ. Ha.
UNITS : MY G/L
NO. OF DATA : 1874
NO. OF POSITIONS : 158



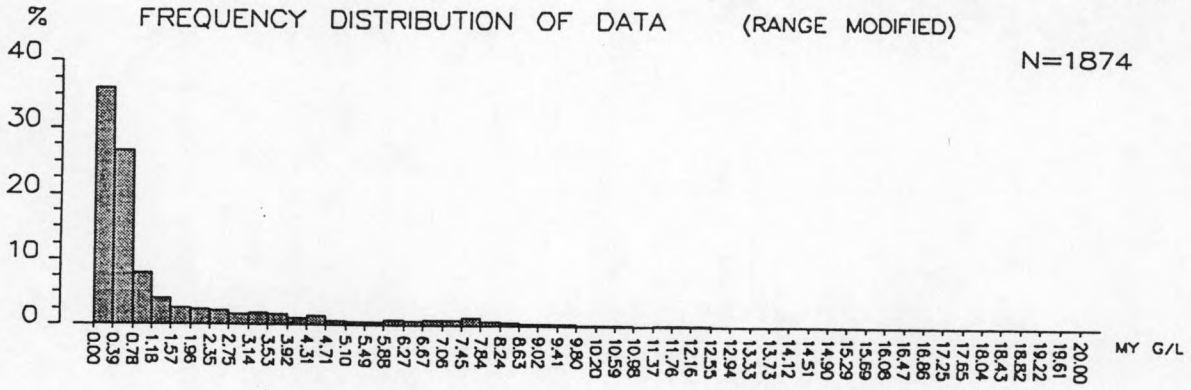
NO. OF DATA/AREA :
(without longterm data series !)

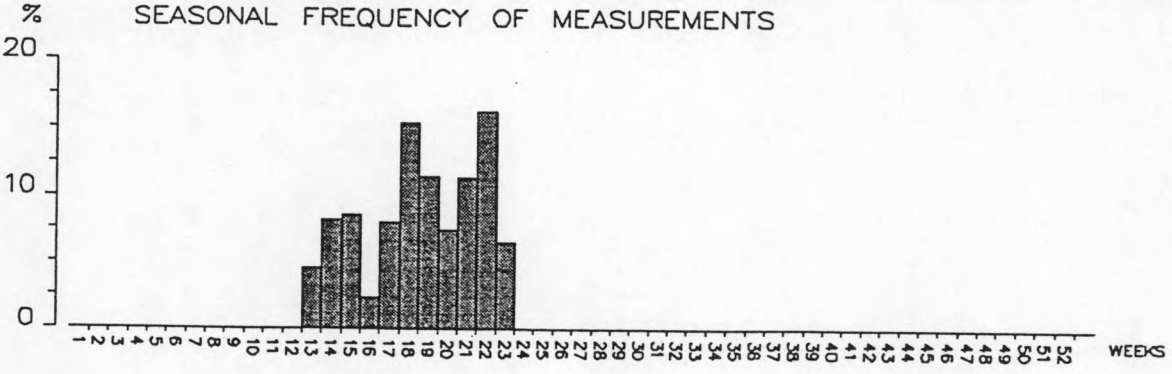
<	1815	<	777
<	1555	<	518
<	1296	<	259
<	1037	=	0

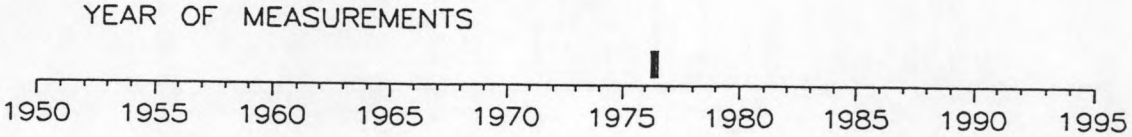
MINIMUM : 0.09
MAXIMUM : 14.68

MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010001

ENAME : ICES

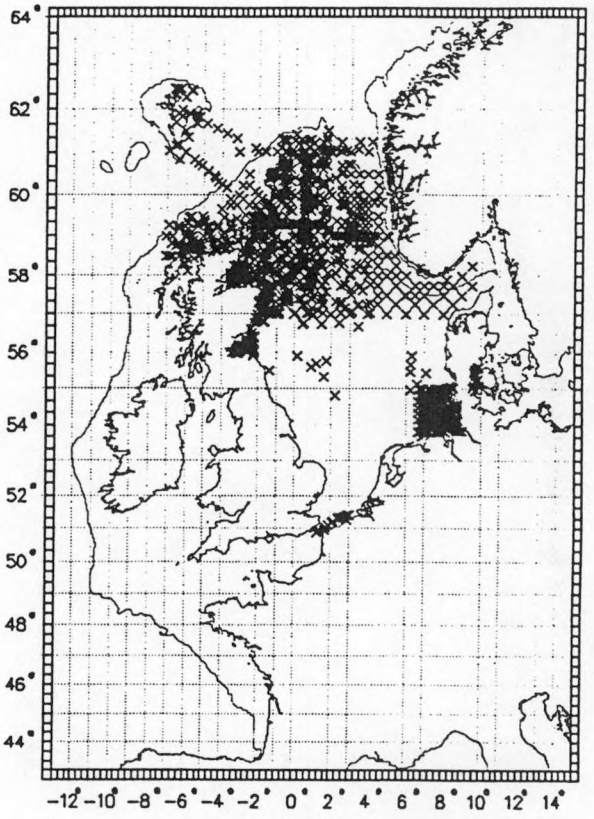
UNITS : MY G/L

NO. OF POSITIONS : 1532

NO. OF DATA : 8557

MINIMUM : 0.00

MAXIMUM : 47.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

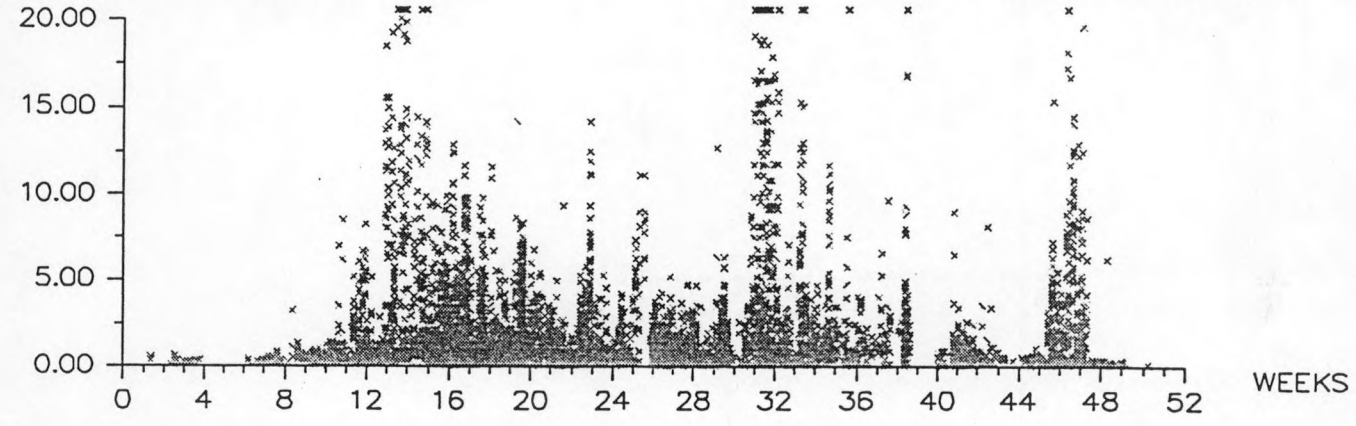
DEPTH–RANGE

UPPER : 0

LOWER : 2000

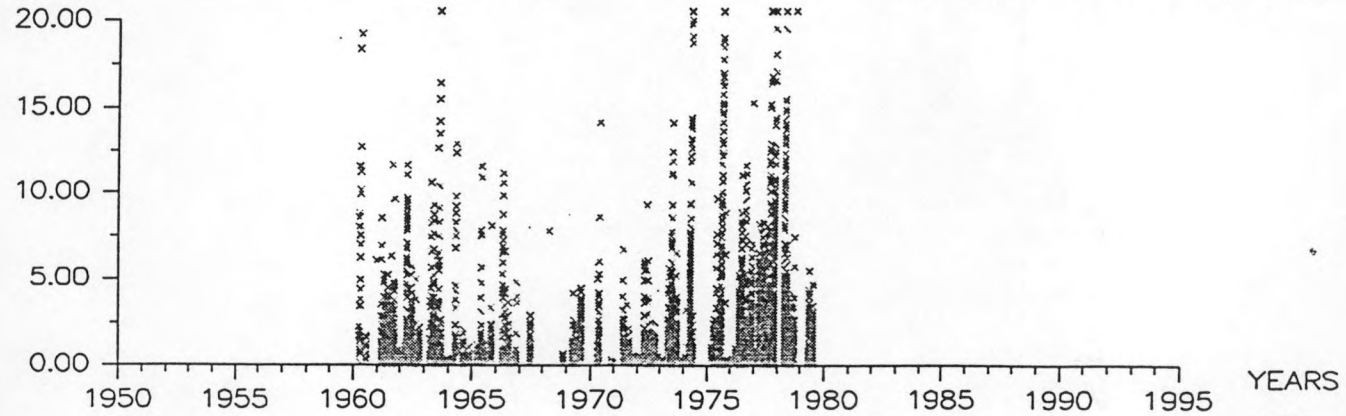
MY G/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 49



MY G/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 49



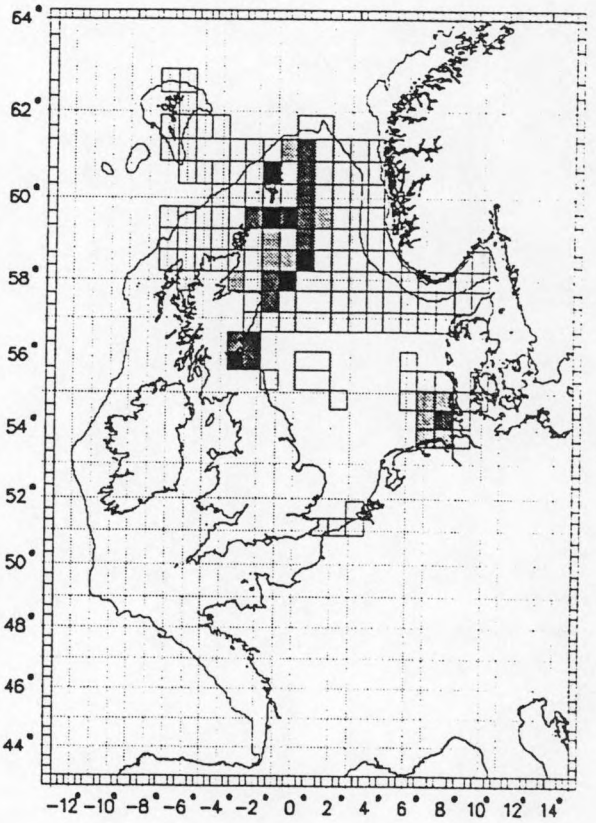
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010001
ENAME : ICES
UNITS : MY G/L
NO. OF DATA : 8557
NO. OF POSITIONS : 1532



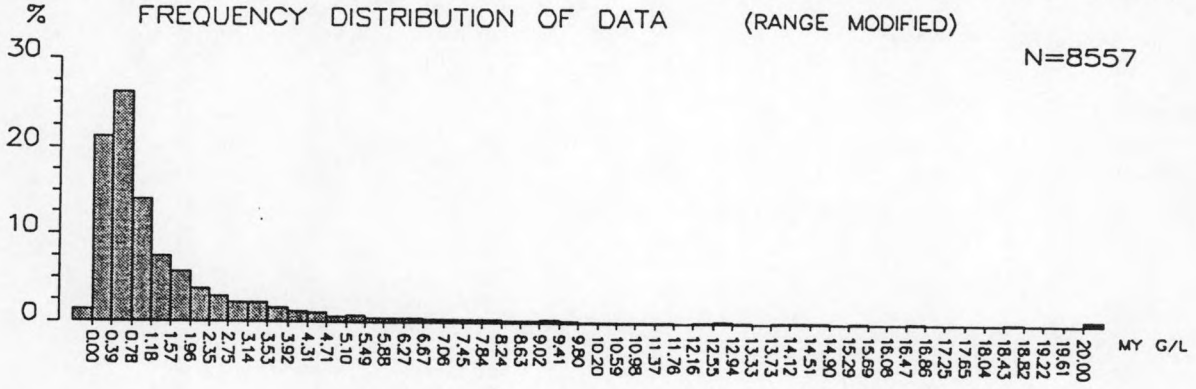
NO. OF DATA/AREA :
(without longterm data series !)

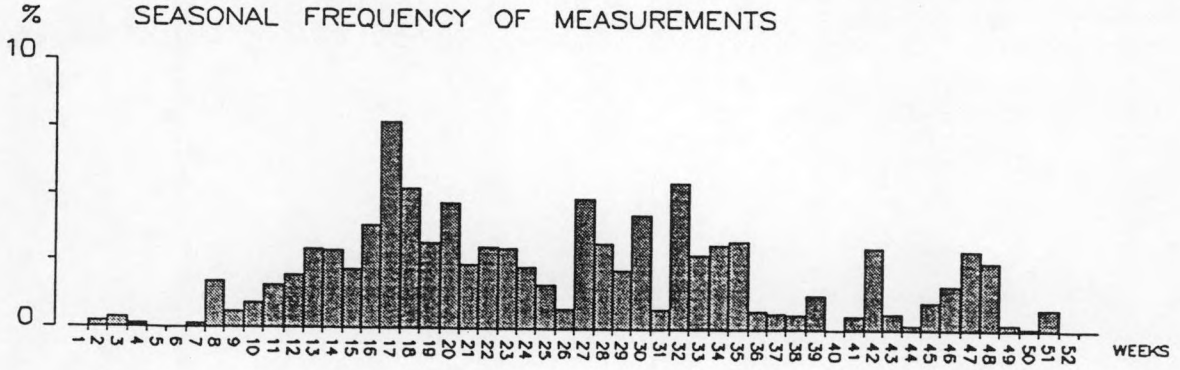
< 591	< 253
< 506	< 168
< 422	< 84
< 337	= 0

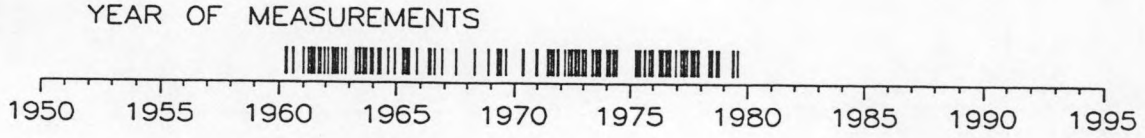
MINIMUM : 0.00
MAXIMUM : 47.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







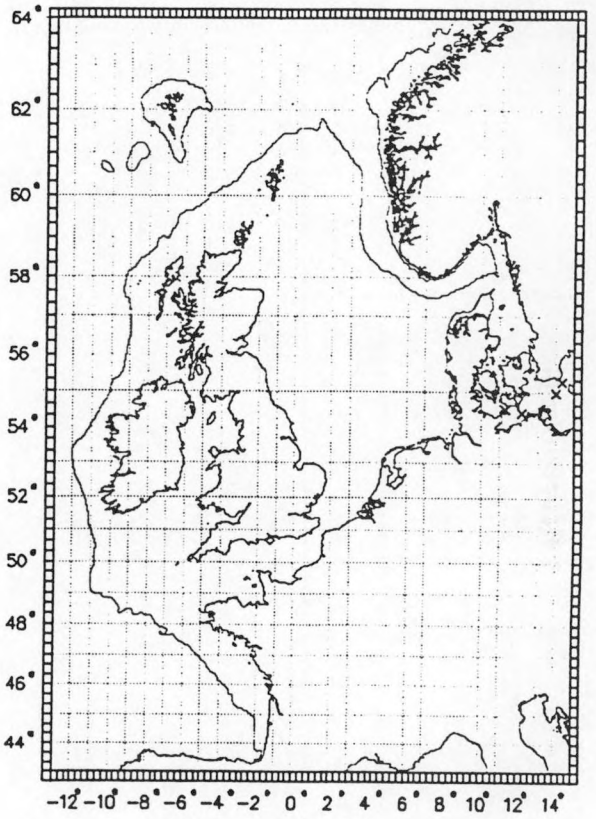
96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

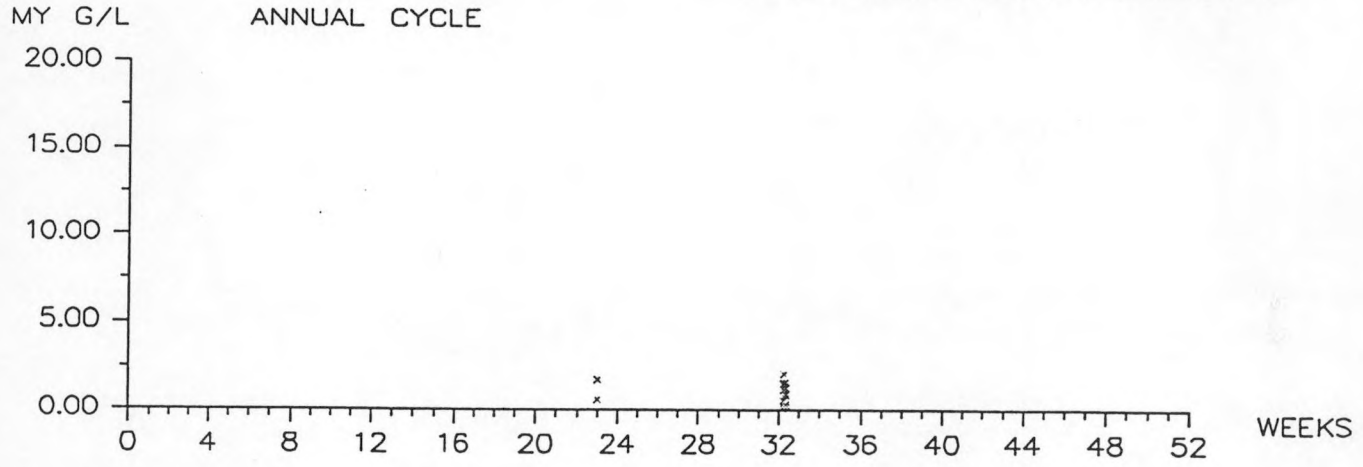
CHLOROPHYLL–A

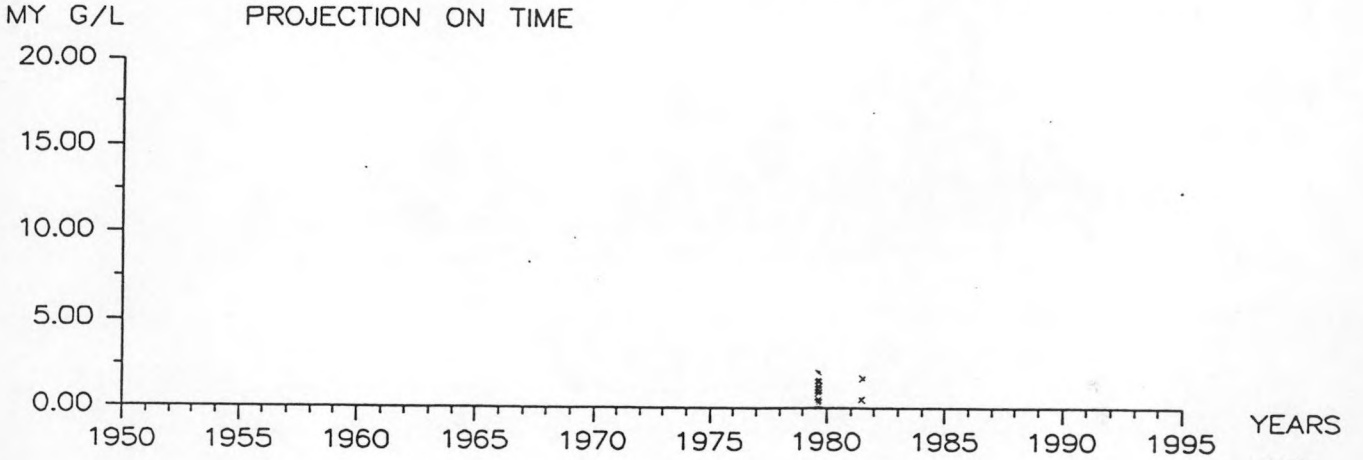
PCODE : 4001010001
ENAME : IFMKI
UNITS : MY G/L
NO. OF POSITIONS : 4
NO. OF DATA : 23
MINIMUM : 0.10
MAXIMUM : 2.06



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



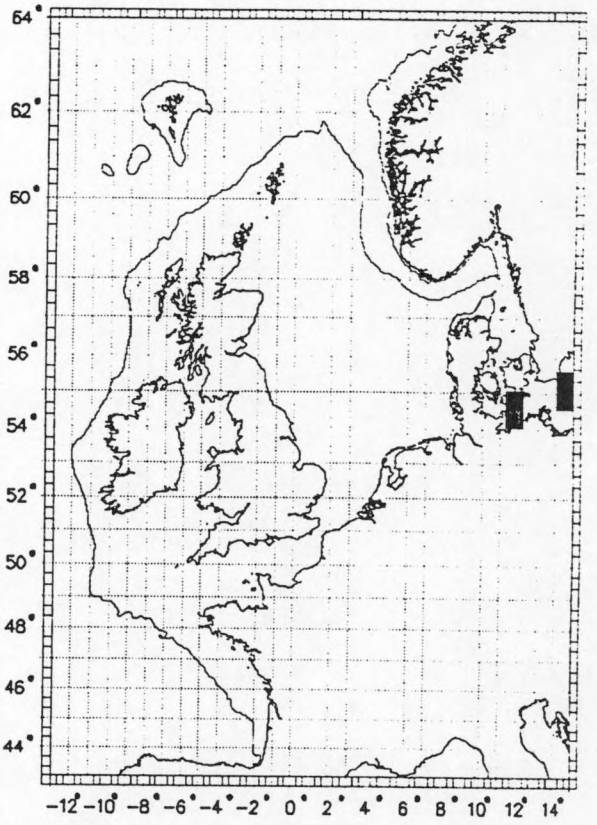


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL—A

PCODE : 4001010001
ENAME : IFMKI
UNITS : MY G/L
NO. OF DATA : 23
NO. OF POSITIONS : 4



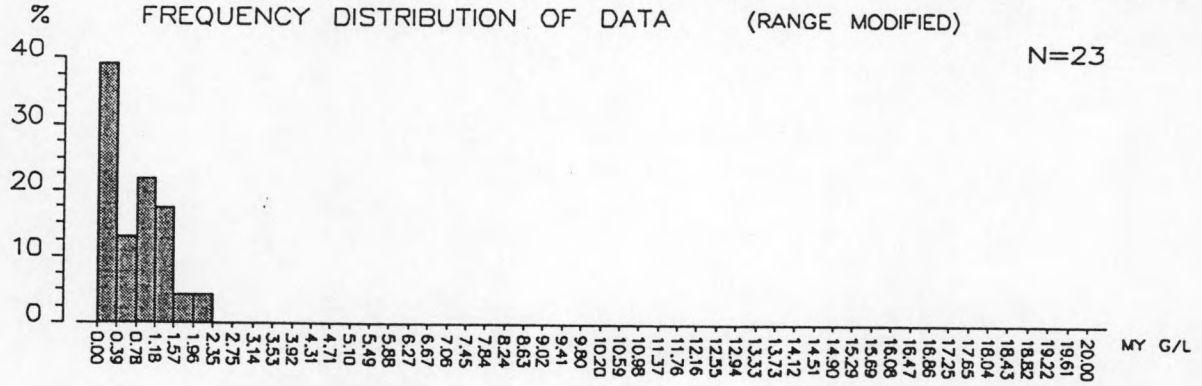
NO. OF DATA/AREA :
(without longterm data series !)

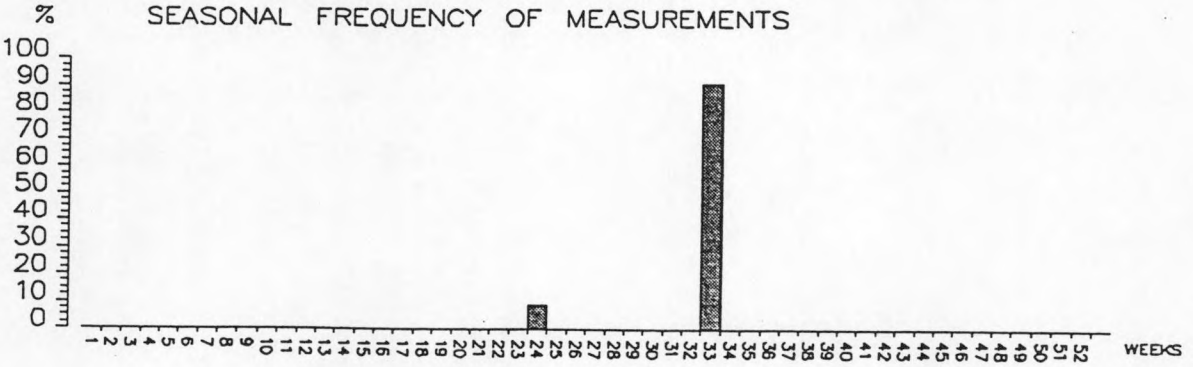
< 8	< 3
< 6	< 2
< 5	< 1
< 4	= 0

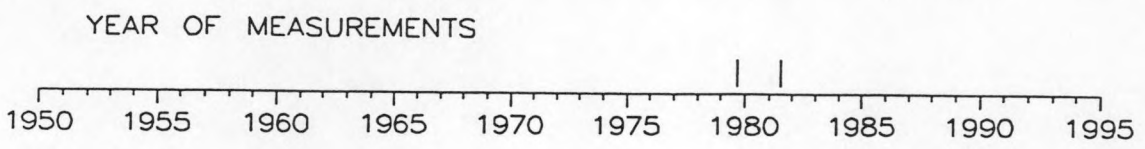
MINIMUM : 0.10
MAXIMUM : 2.06

MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000







96—10—03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001014001

ENAME : IMR/Danielssen, D. S.

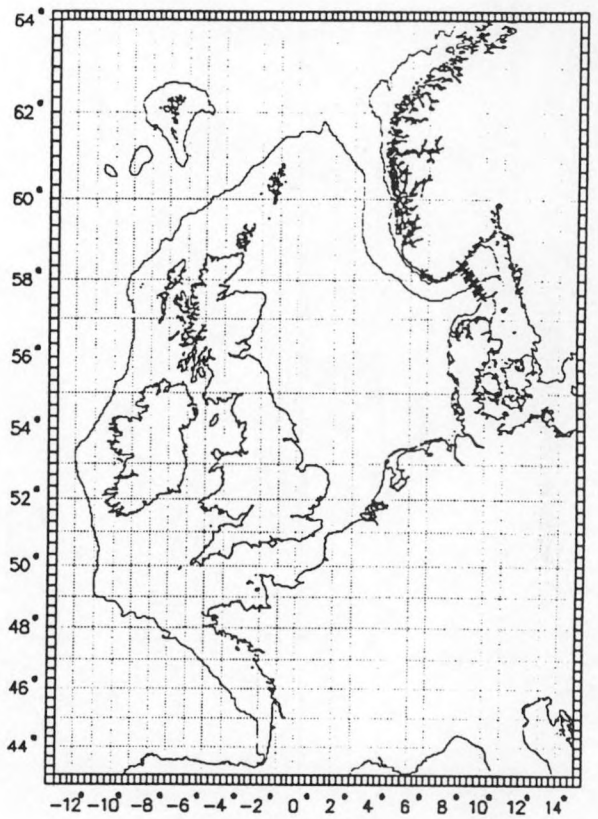
UNITS : MY G/L

NO. OF POSITIONS : 13

NO. OF DATA : 9533

MINIMUM : 0.01

MAXIMUM : 51.17



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

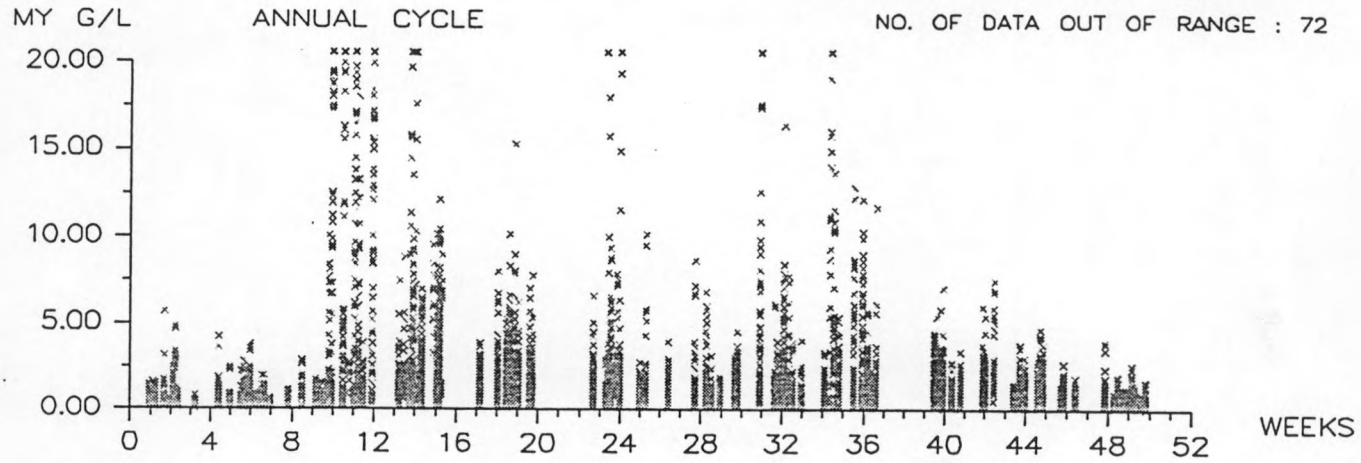
LAST WEEK : 53

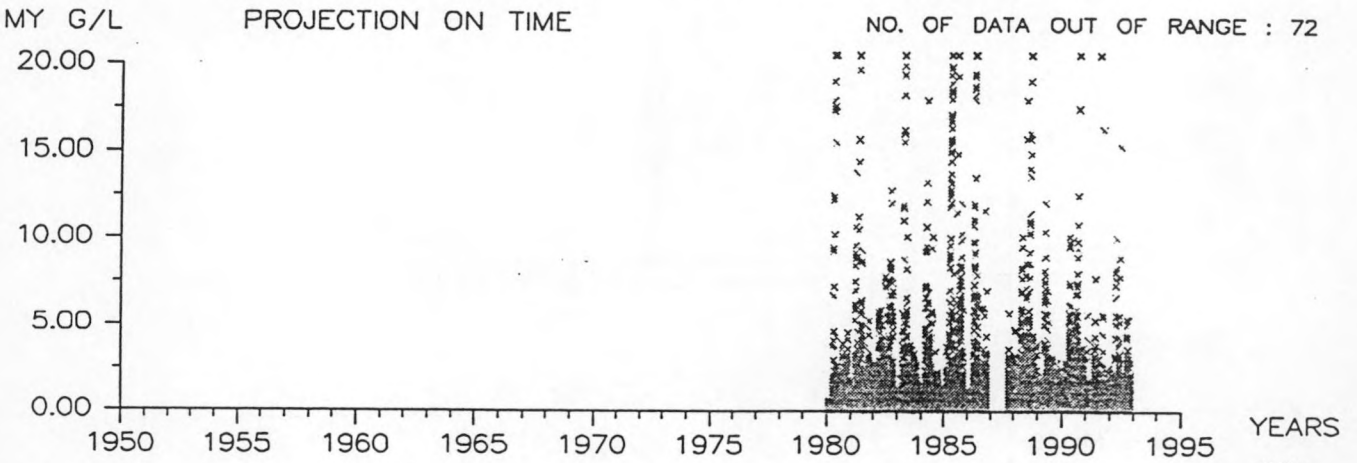
DEPTH–RANGE

UPPER : 0

LOWER : 2000

NO. OF DATA OUT OF RANGE : 72





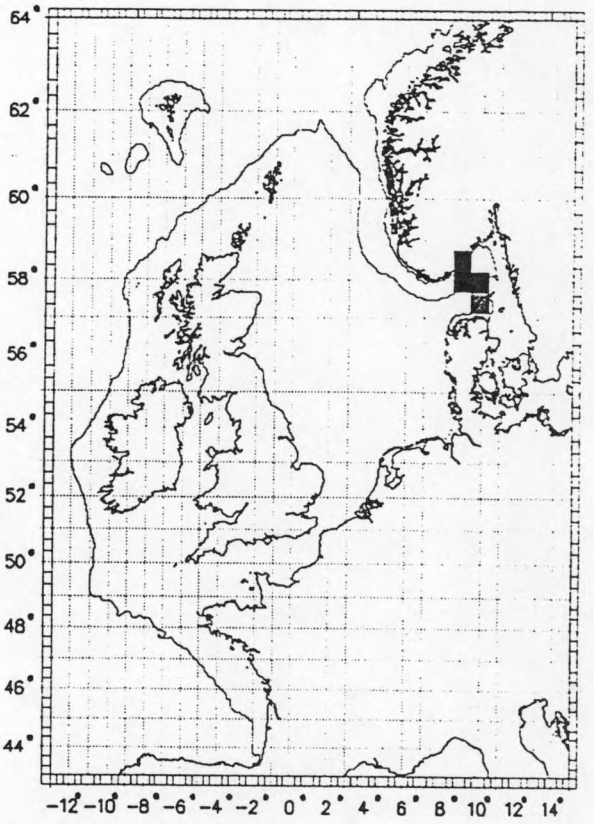
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001014001
ENAME : IMR/Danielssen, D. S.
UNITS : MY G/L
NO. OF DATA : 9533
NO. OF POSITIONS : 13



NO. OF DATA/AREA :
(without longterm data series !)

<	3499	<	1499
<	2999	< <	999
<	2499	< <	499
<	1999	=	0

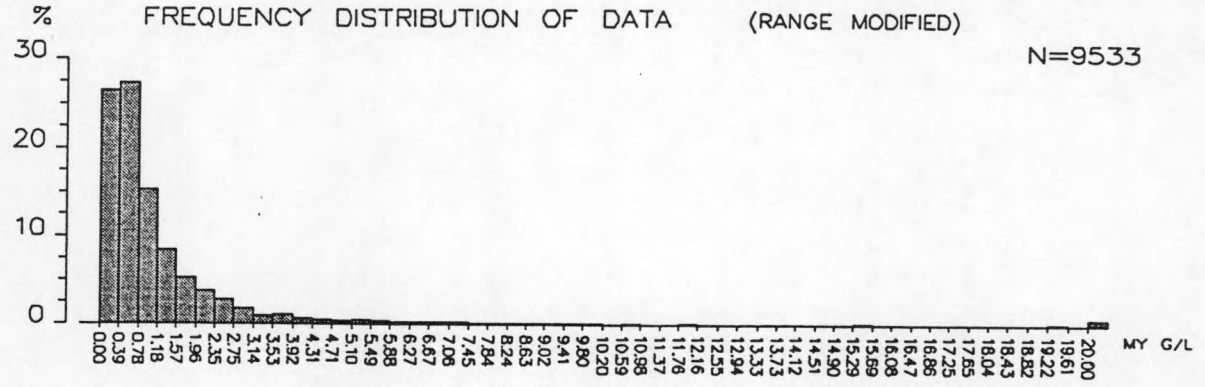
MINIMUM : 0.01
MAXIMUM : 51.17

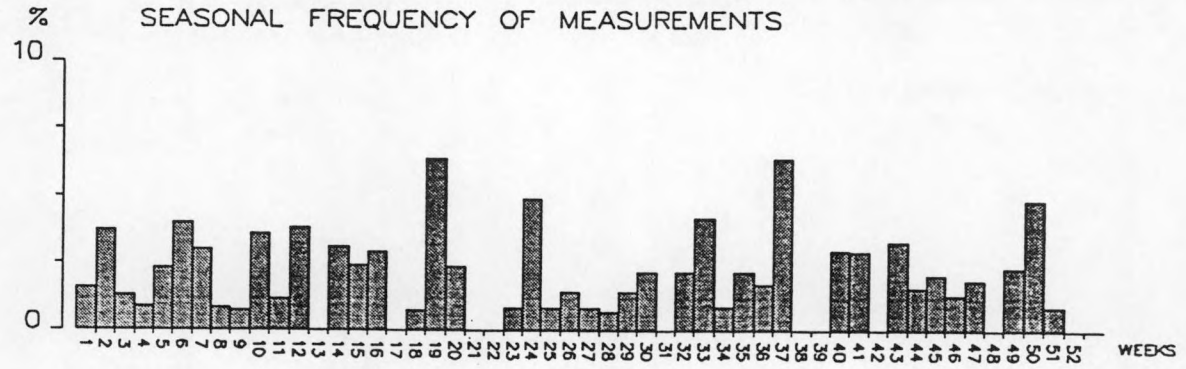
MODIFICATIONS

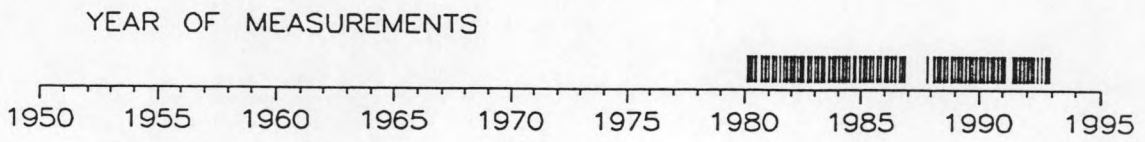
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0
LOWER : 2000







96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010001

ENAME : IOW

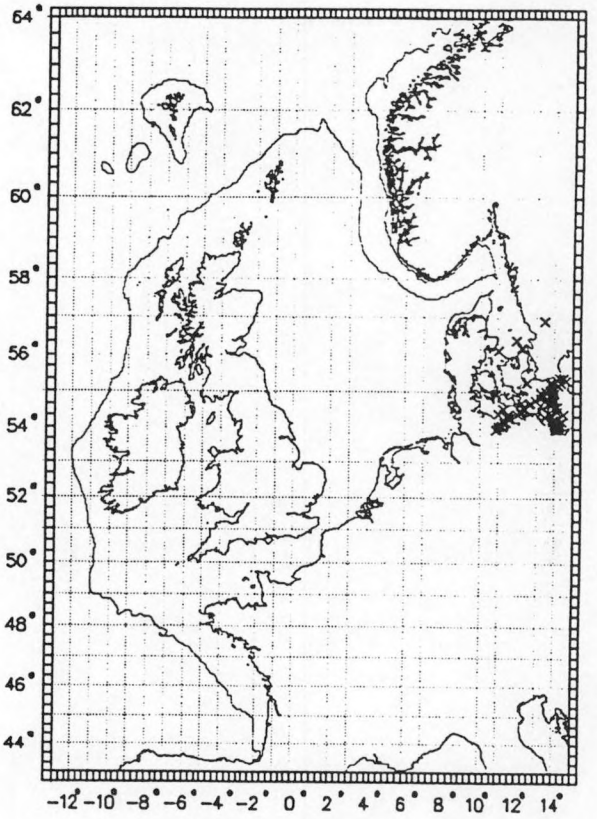
UNITS : MY G/L

NO. OF POSITIONS : 139

NO. OF DATA : 5624

MINIMUM : 0.00

MAXIMUM : 58.80



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

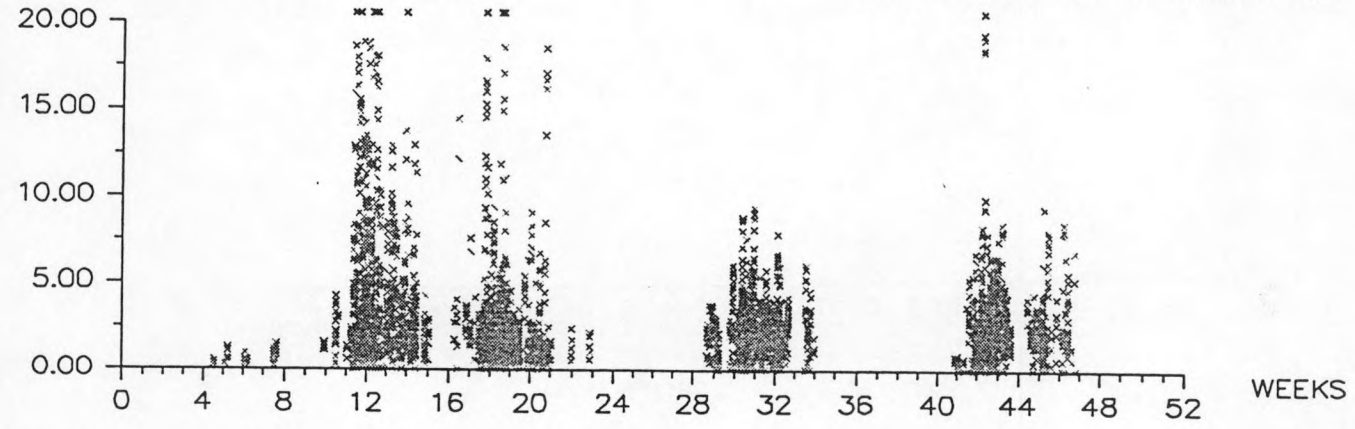
DEPTH–RANGE

UPPER : 0

LOWER : 2000

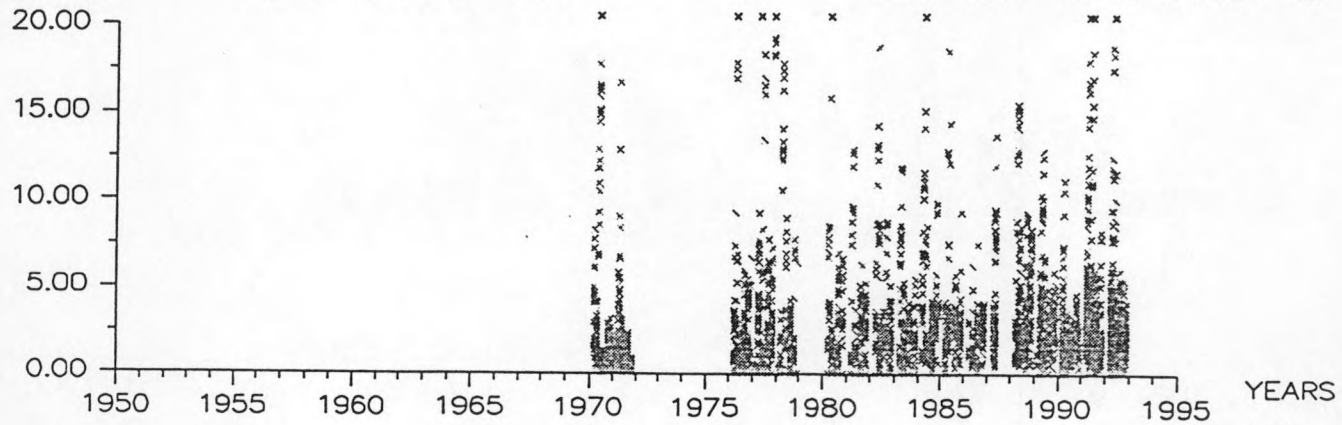
MY G/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 42



MY G/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 42

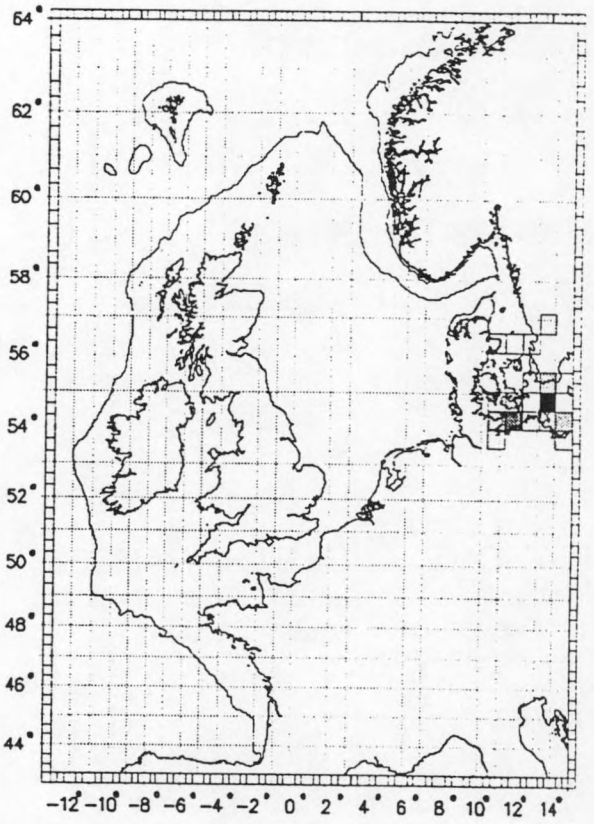


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010001
ENAME : IOW
UNITS : MY G/L
NO. OF DATA : 5624
NO. OF POSITIONS : 139



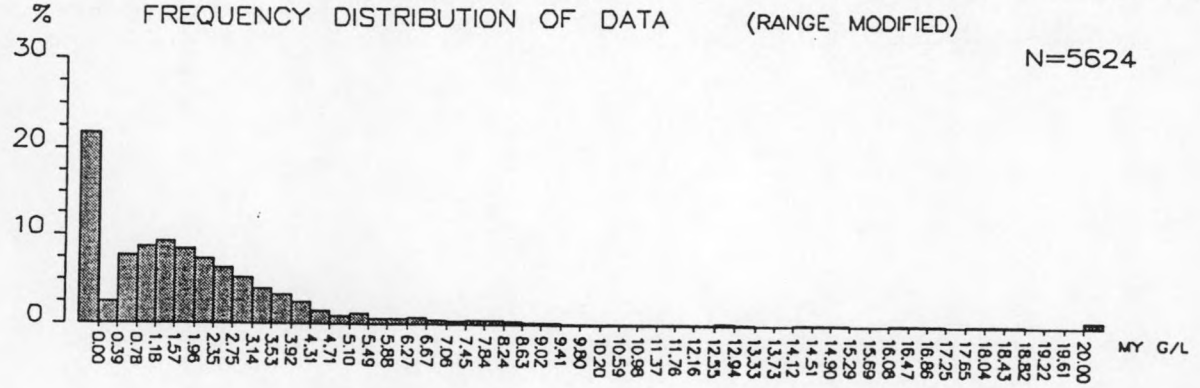
NO. OF DATA/AREA :
(without longterm data series !)

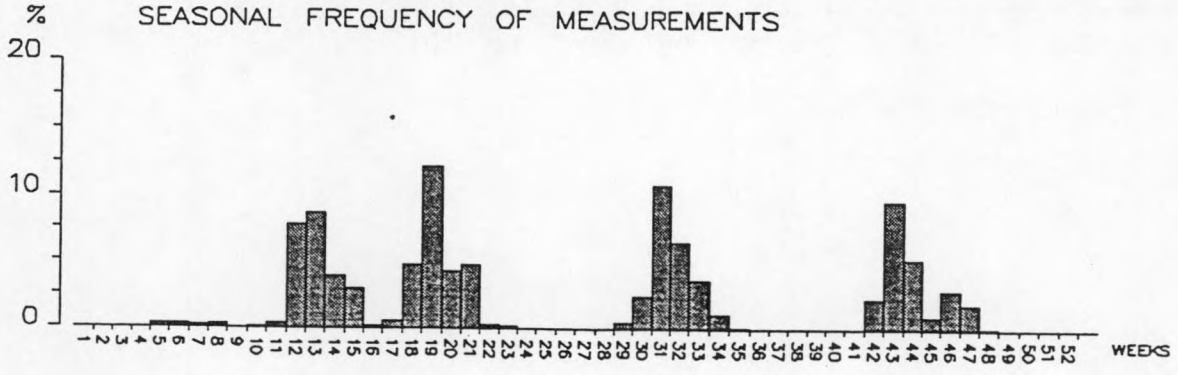
<	2147	<	920
<	1840	<	613
<	1533	<	306
<	1226	=	0

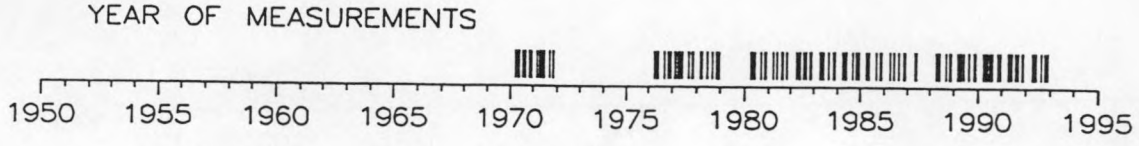
MINIMUM : 0.00
MAXIMUM : 58.80

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001140301

ENAME : IOW

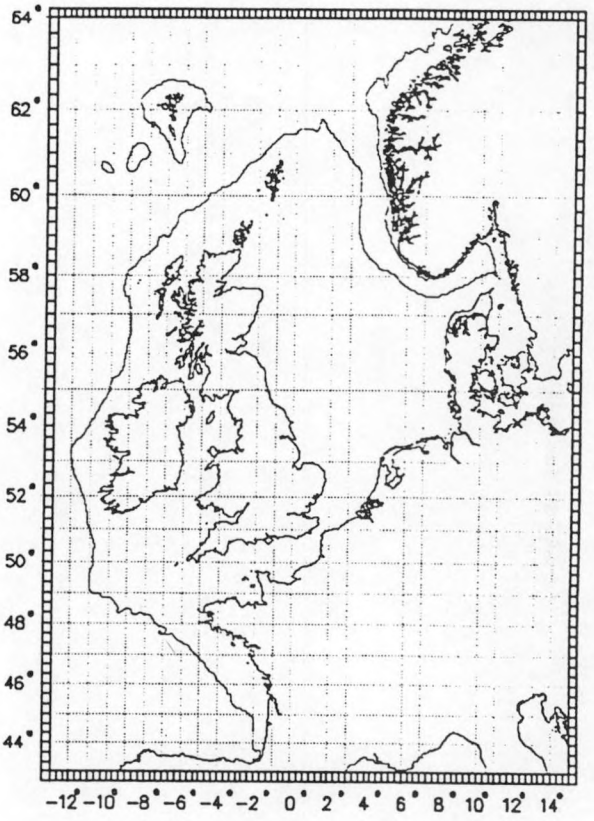
UNITS : MG/M**3

NO. OF POSITIONS : 1

NO. OF DATA : 222

MINIMUM : 0.00

MAXIMUM : 14.80



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

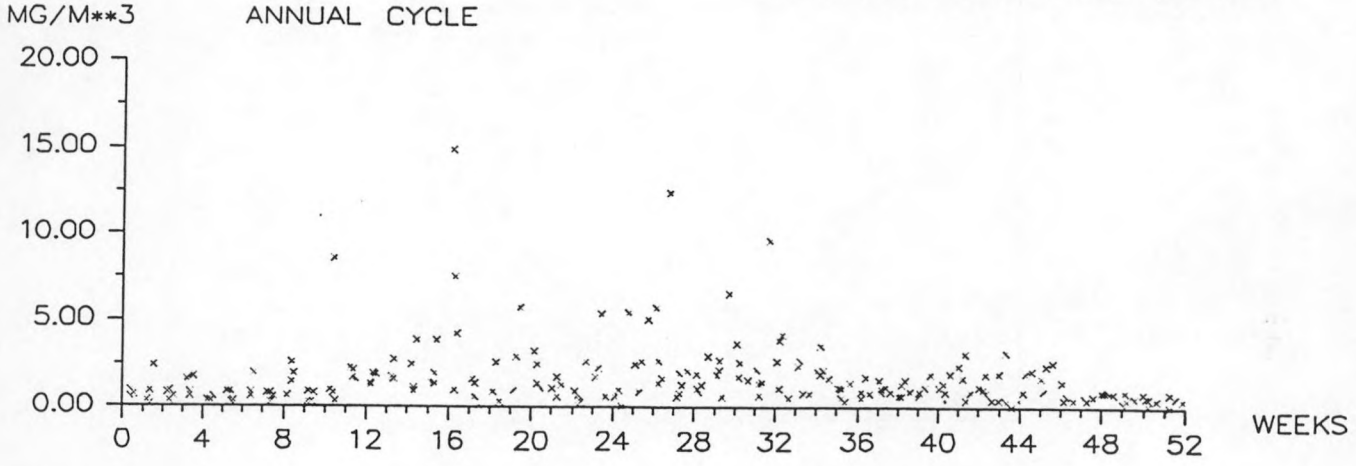
FIRST WEEK : 1

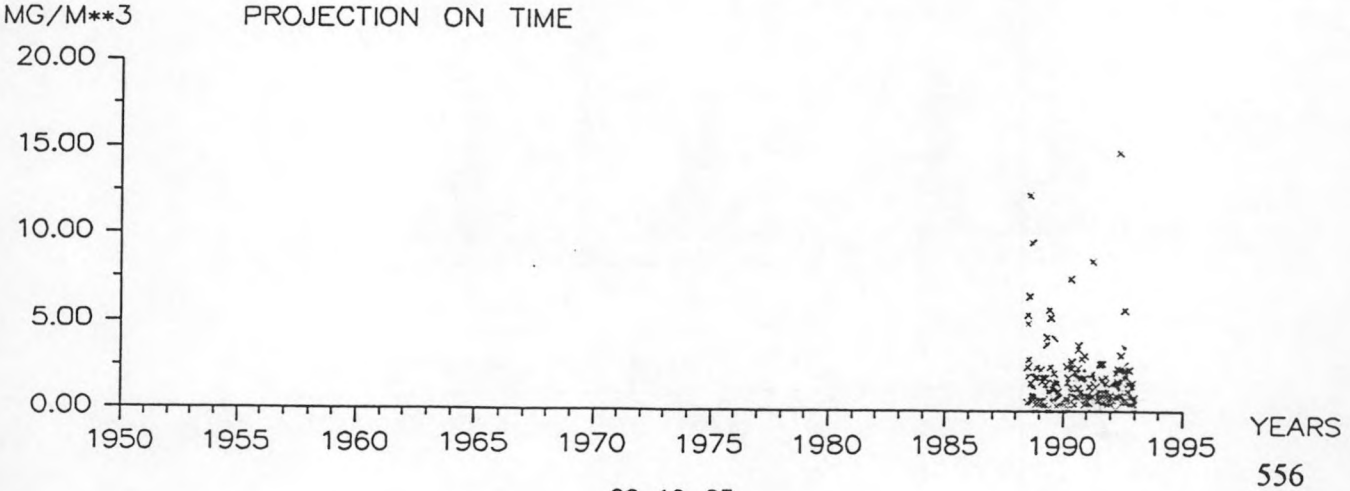
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



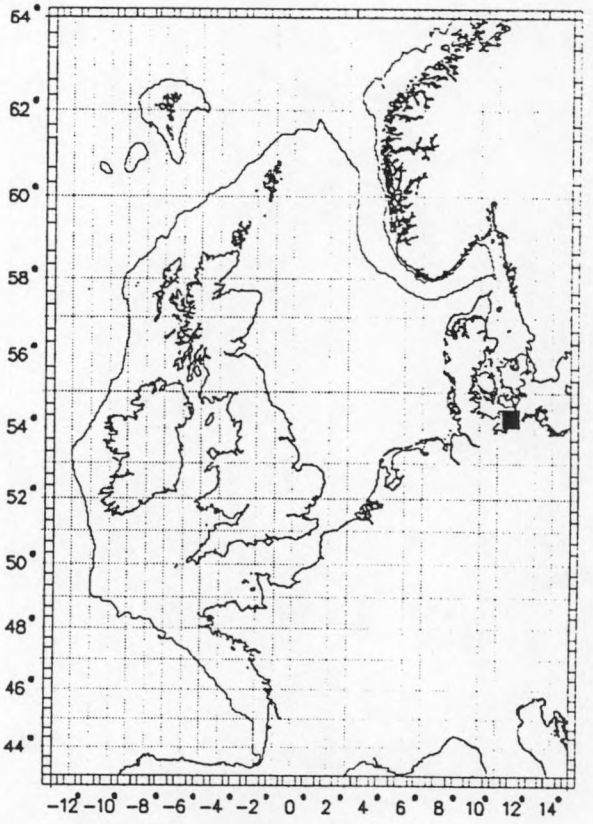


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001140301
ENAME : IOW
UNITS : MG/M**3
NO. OF DATA : 222
NO. OF POSITIONS : 1



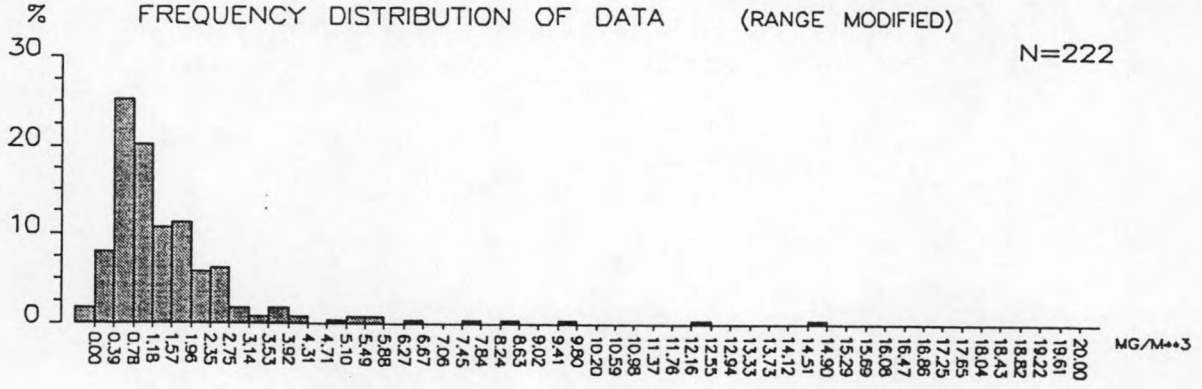
NO. OF DATA/AREA :
(without longterm data series !)

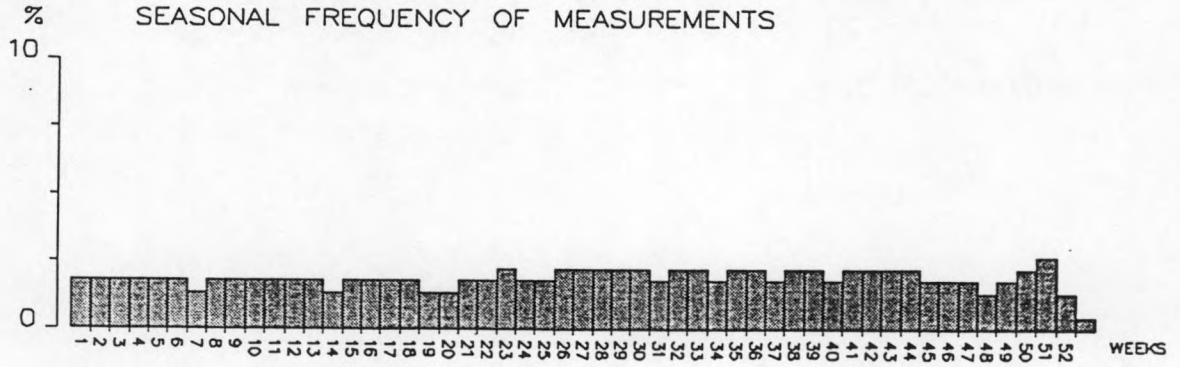
<	222	<	95
<	190	<	63
<	158	<	31
<	126	=	0

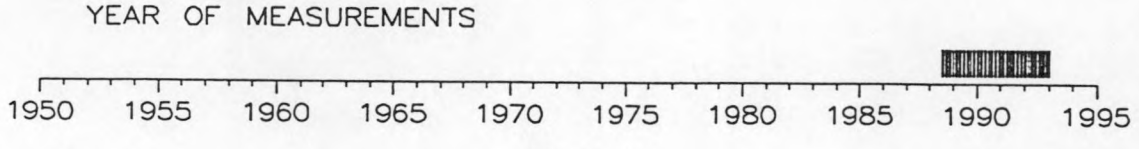
MINIMUM : 0.00
MAXIMUM : 14.80

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







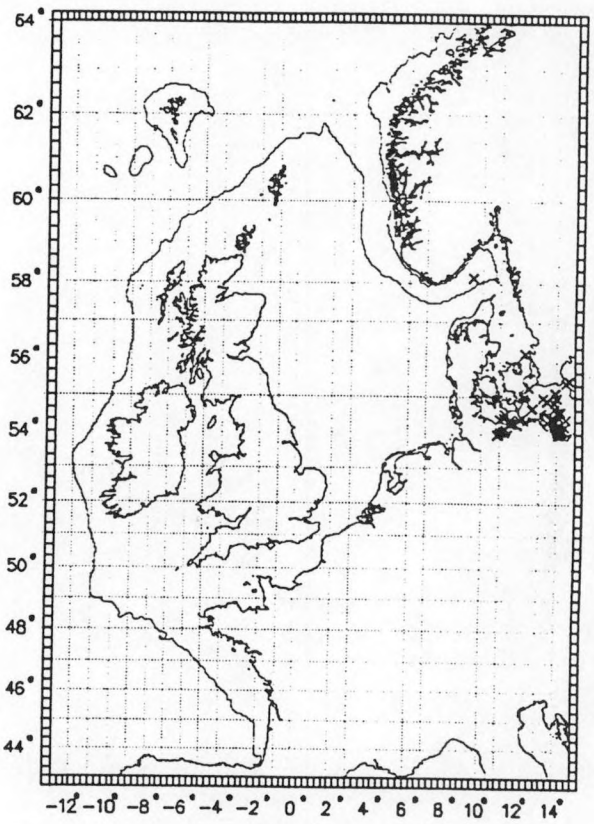
96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

CHLOROPHYLL—A

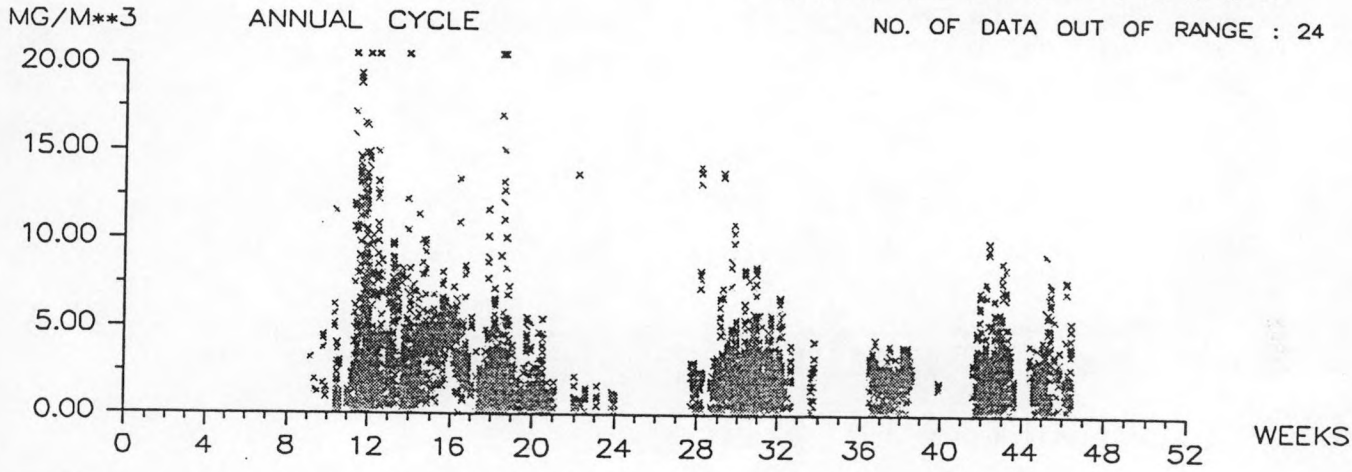
PCODE : 4001142201
ENAME : IOW/Kaiser W.
UNITS : MG/M**3
NO. OF POSITIONS : 88
NO. OF DATA : 6069
MINIMUM : 0.03
MAXIMUM : 54.67

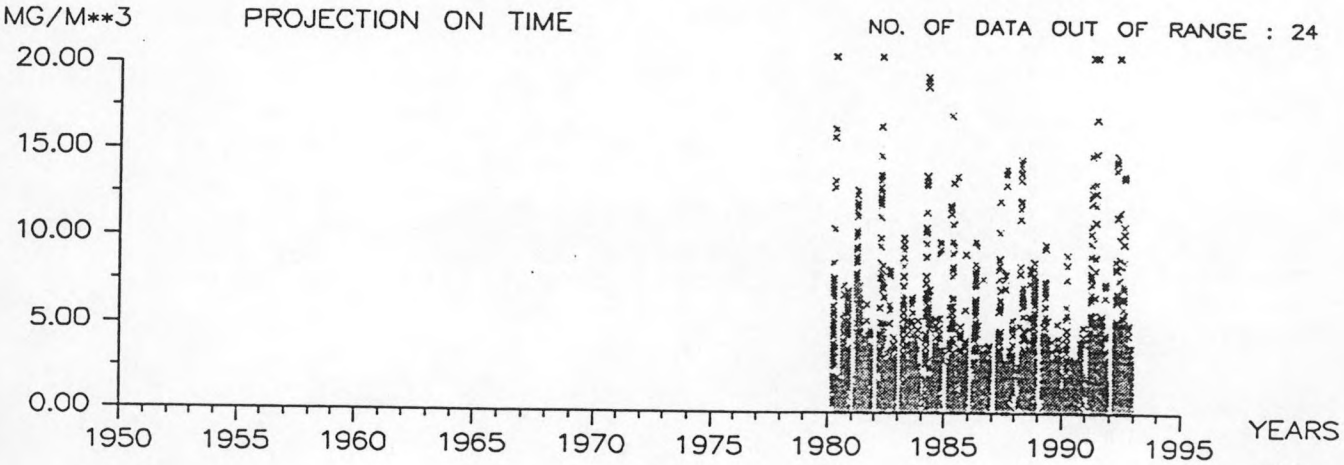


NO. OF DATA OUT OF RANGE : 24

MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000





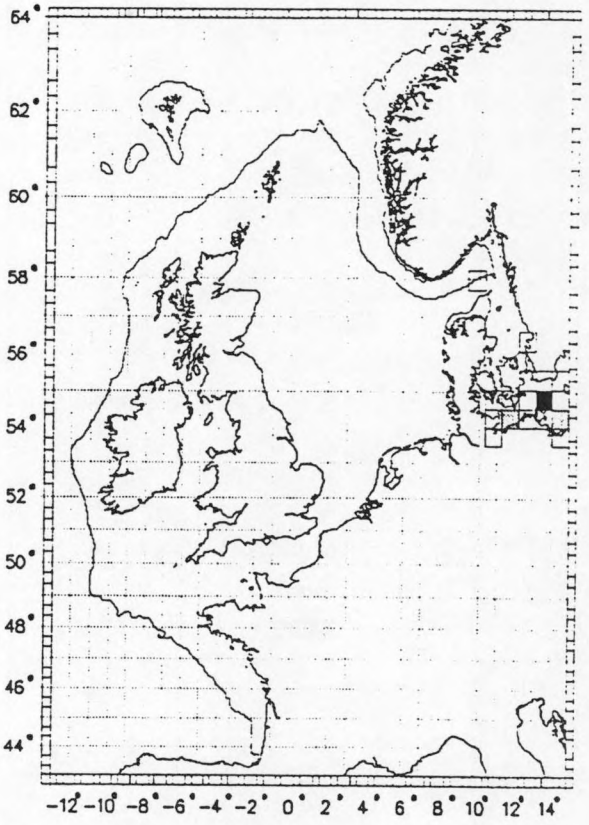
96—10—03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL-A

PCODE : 4001142201
ENAME : IOW/Kaiser W.
UNITS : MG/M**3
NO. OF DATA : 6069
NO. OF POSITIONS : 88



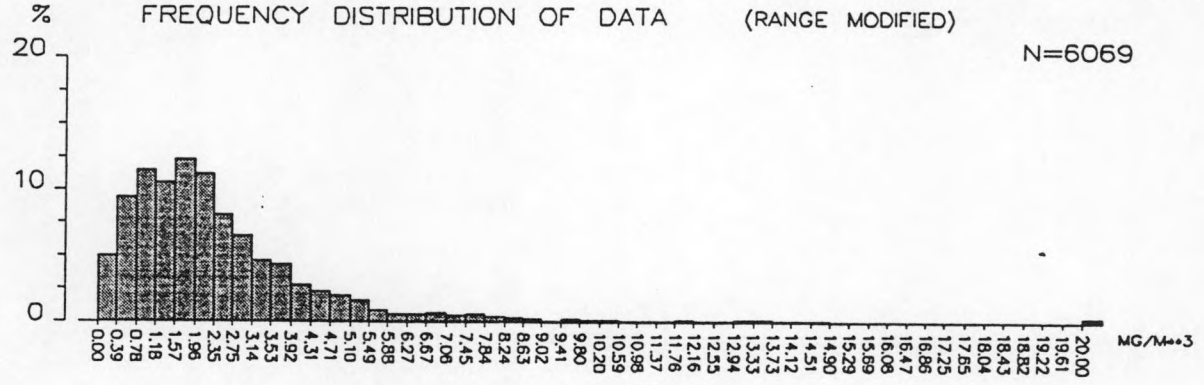
NO. OF DATA/AREA :
(without longterm data series !)

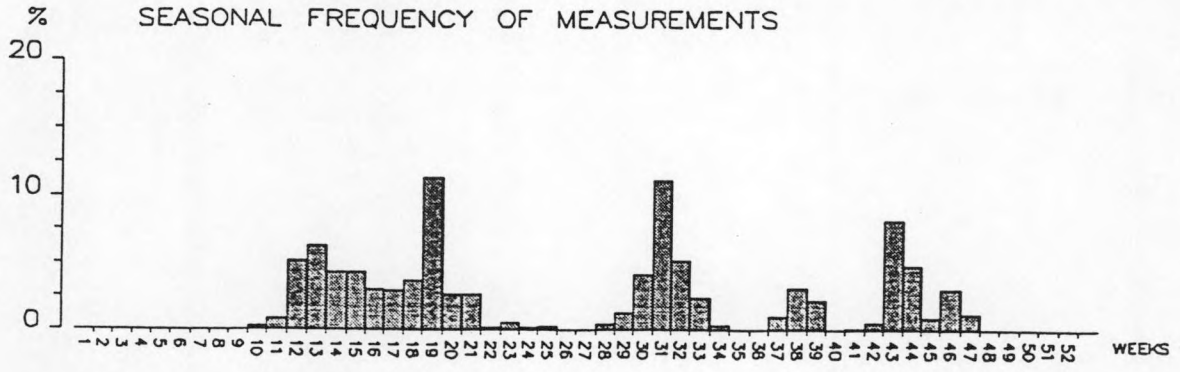
<	2725	<	1167
<	2335	<	778
<	1946	<	389
<	1557	=	0

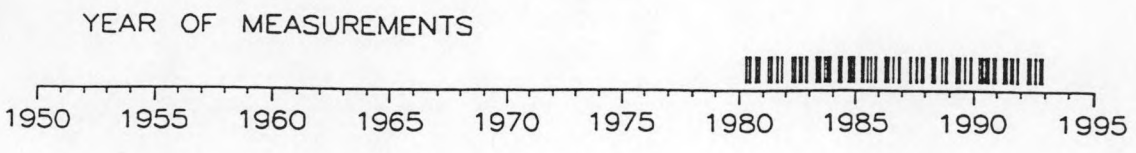
MINIMUM : 0.03
MAXIMUM : 54.67

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







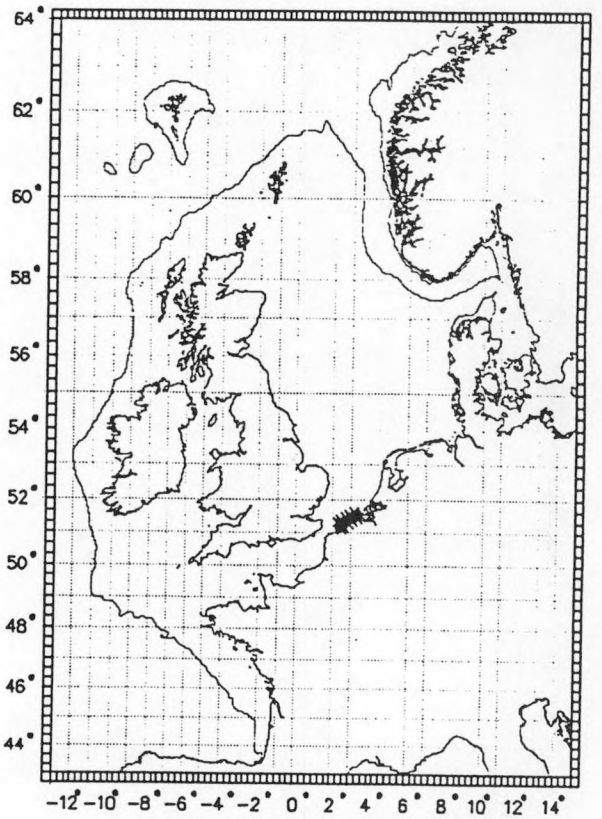
96-10-03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

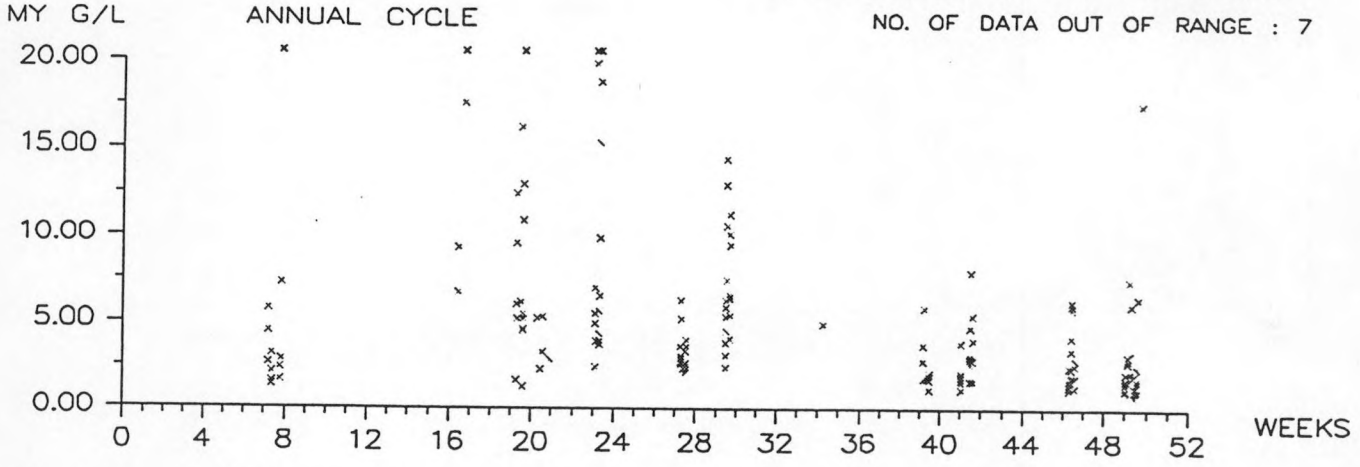
PCODE : 4001010201
ENAME : VUBB (ECOL)
UNITS : MY G/L
NO. OF POSITIONS : 20
NO. OF DATA : 169
MINIMUM : 0.70
MAXIMUM : 40.70

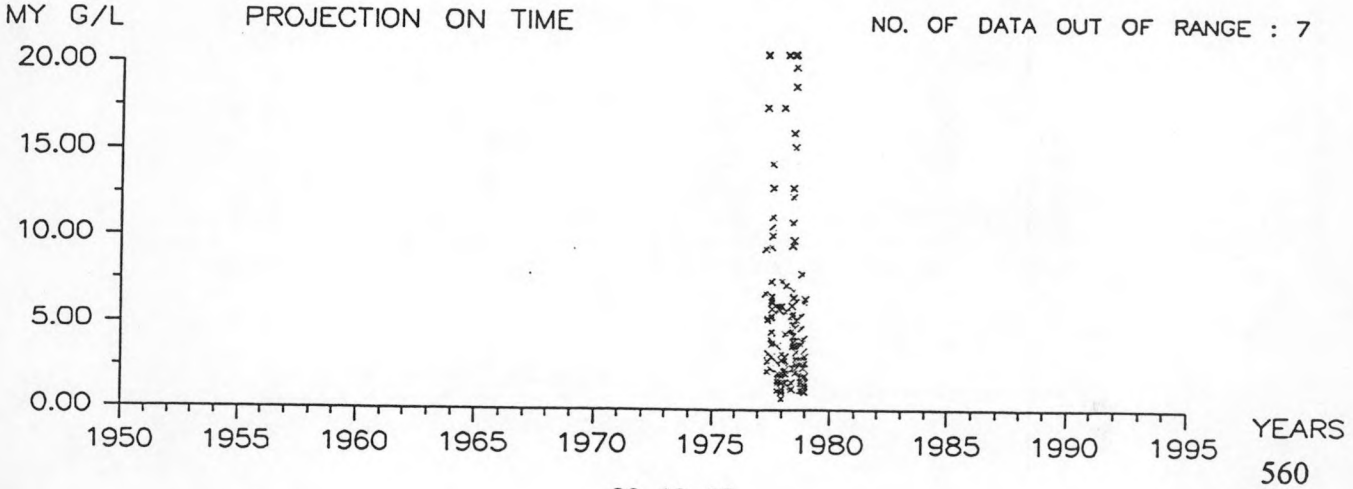


NO. OF DATA OUT OF RANGE : 7

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





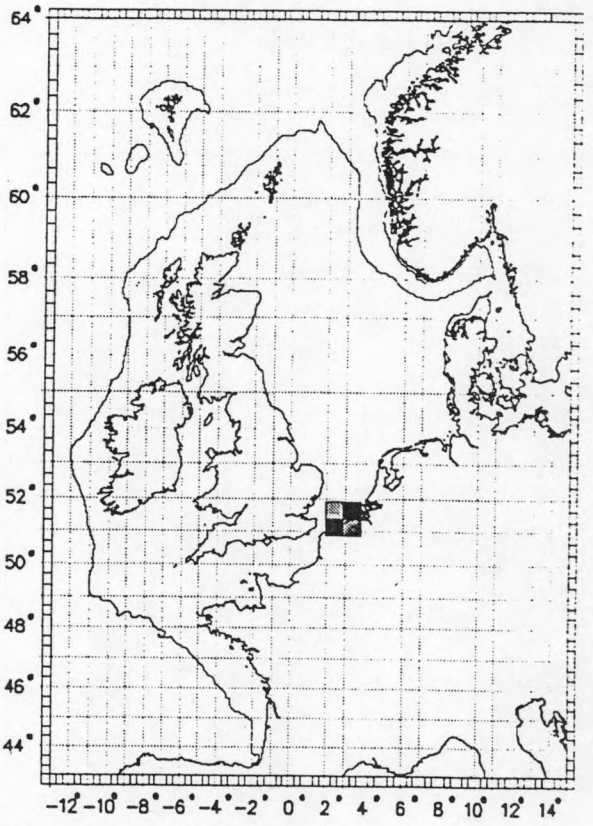
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010201
ENAME : VUBB (ECOL)
UNITS : MY G/L
NO. OF DATA : 169
NO. OF POSITIONS : 20



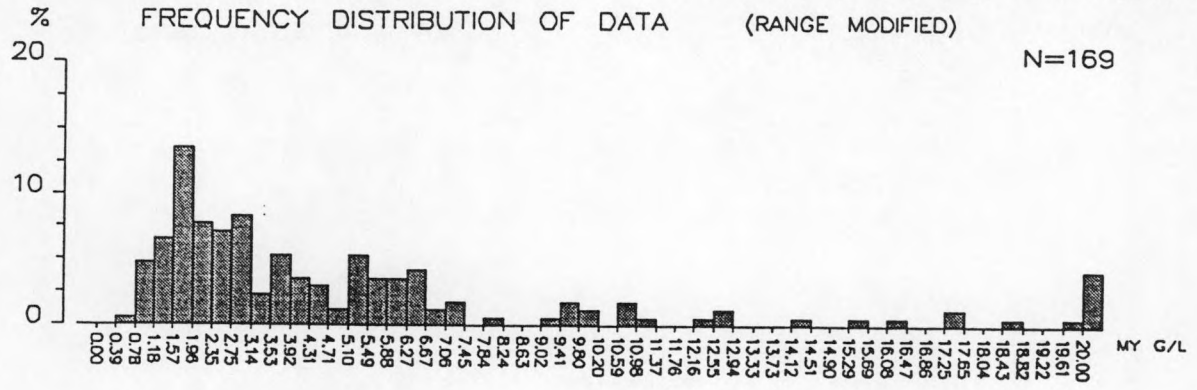
NO. OF DATA/AREA :
(without longterm data series !)

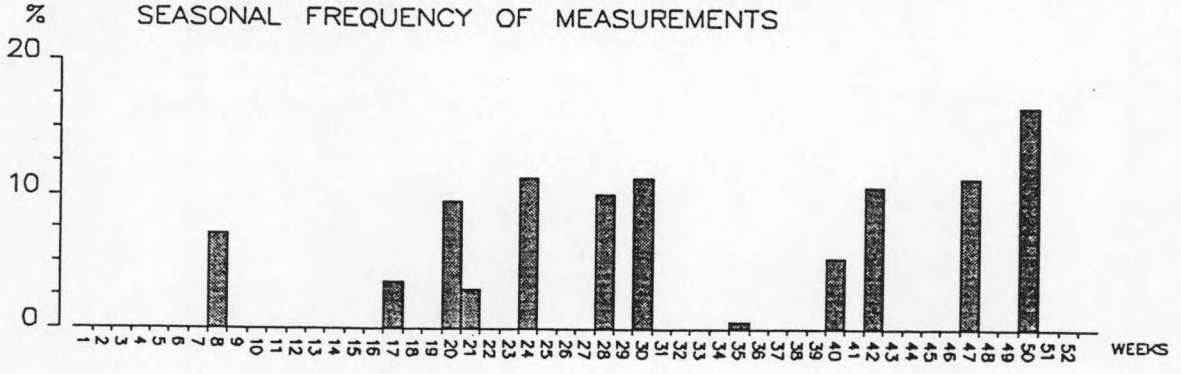
<	74	<	31
<	63	<	21
<	52	<	10
<	42	=	0

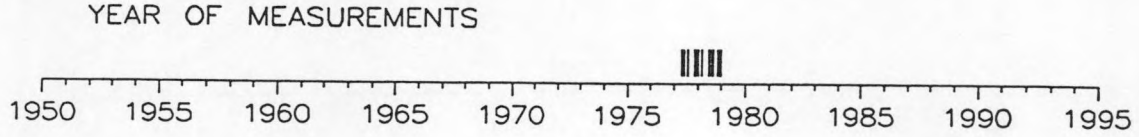
MINIMUM : 0.70
MAXIMUM : 40.70

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







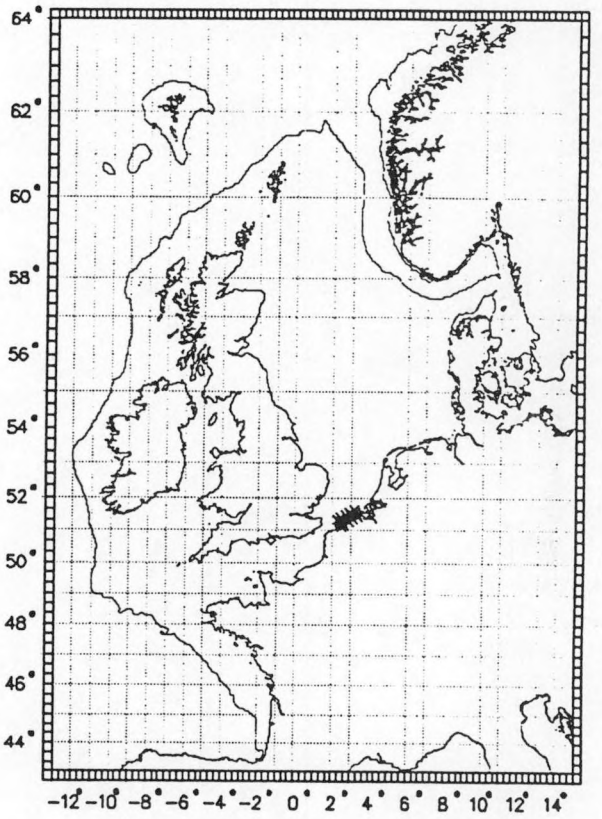
96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

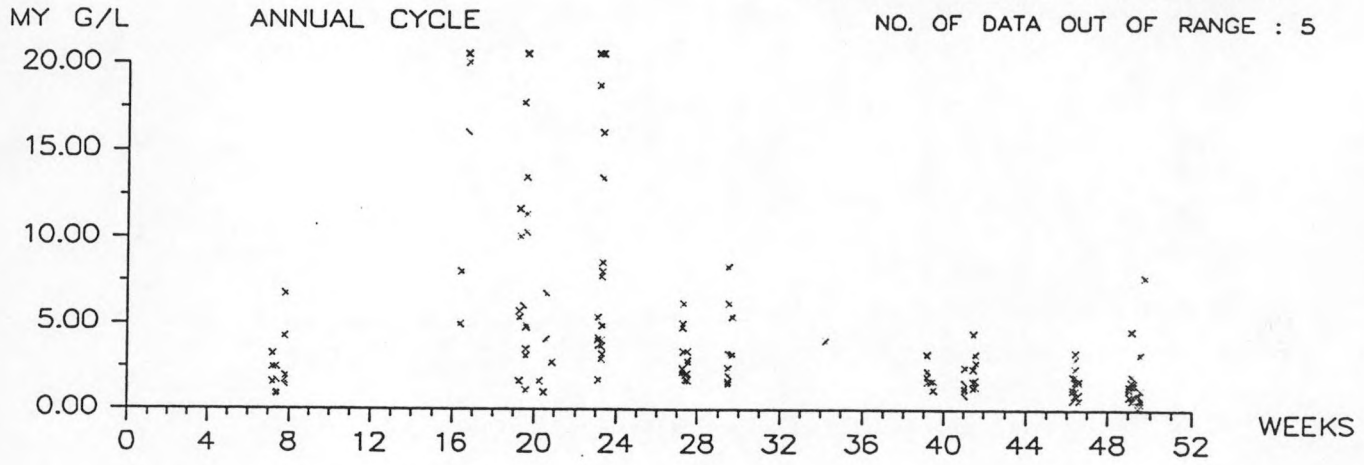
PCODE : 4001010301
ENAME : VUBB (ECOL)
UNITS : MY G/L
NO. OF POSITIONS : 20
NO. OF DATA : 159
MINIMUM : 0.10
MAXIMUM : 40.00

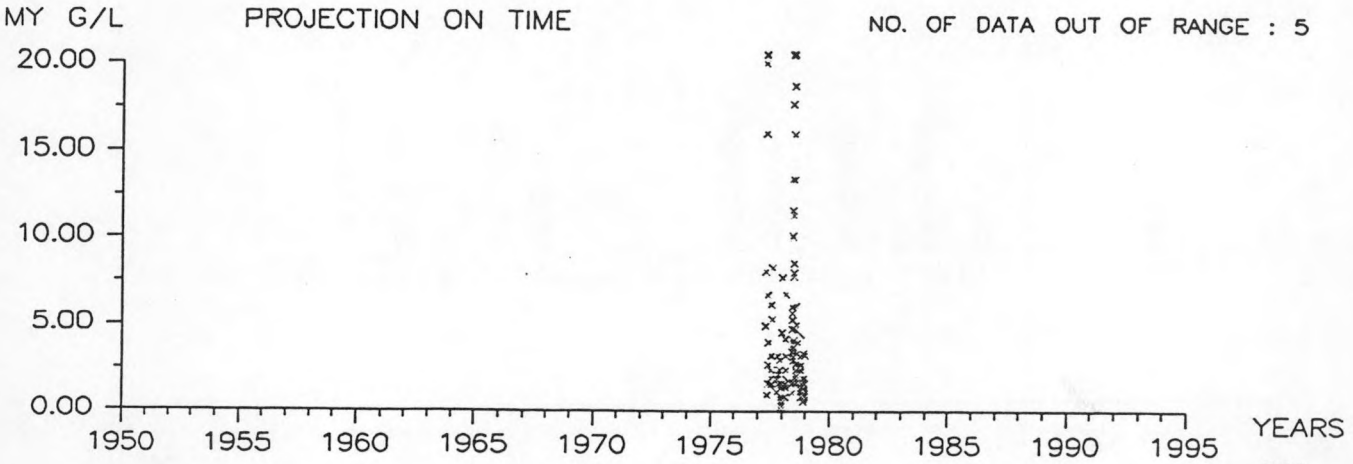


NO. OF DATA OUT OF RANGE : 5

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





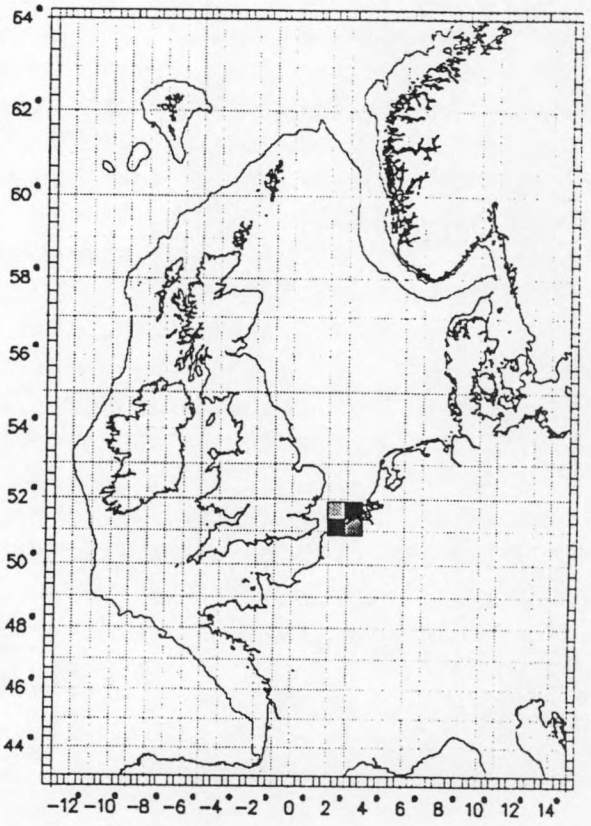
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010301
ENAME : VUBB (ECOL)
UNITS : MY G/L
NO. OF DATA : 159
NO. OF POSITIONS : 20



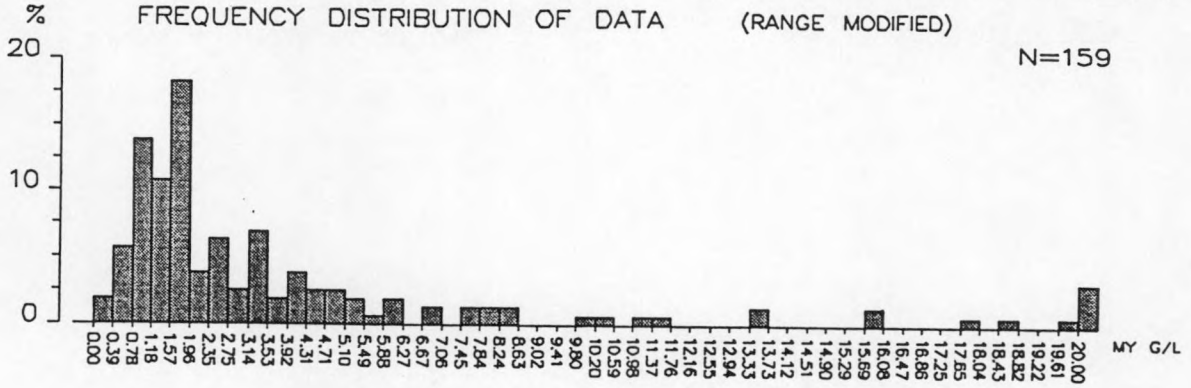
NO. OF DATA/AREA :
(without longterm data series !)

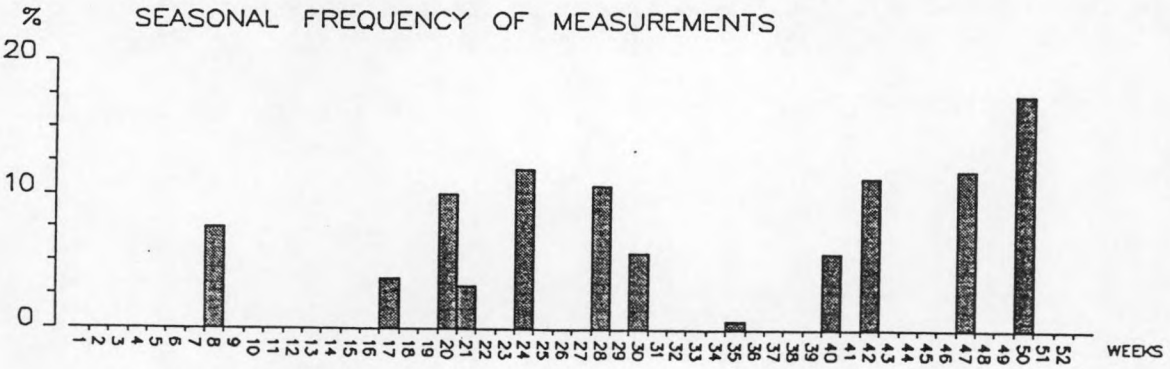
<	72	<	30
<	61	<	20
<	51	<	10
<	41	=	0

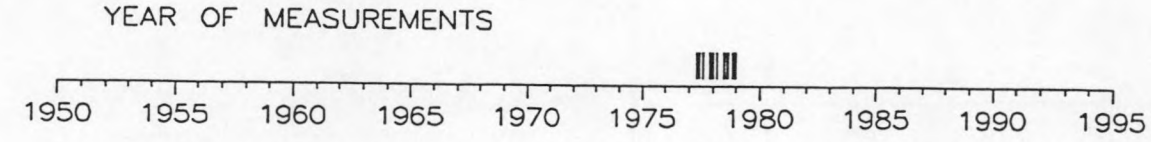
MINIMUM : 0.10
MAXIMUM : 40.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







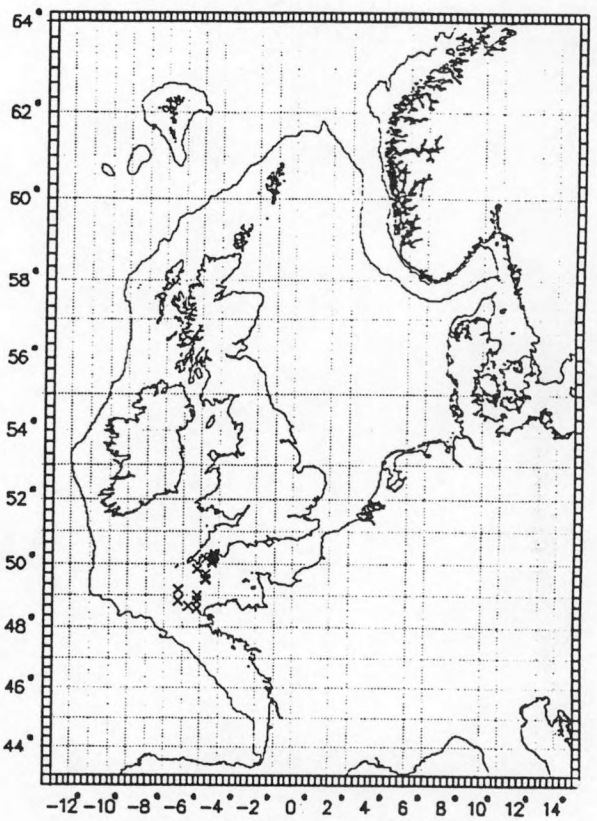
96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001011901
ENAME : MBA/Southward, A.J.
UNITS : MY G/L
NO. OF POSITIONS : 17
NO. OF DATA : 573
MINIMUM : 0.03
MAXIMUM : 23.00

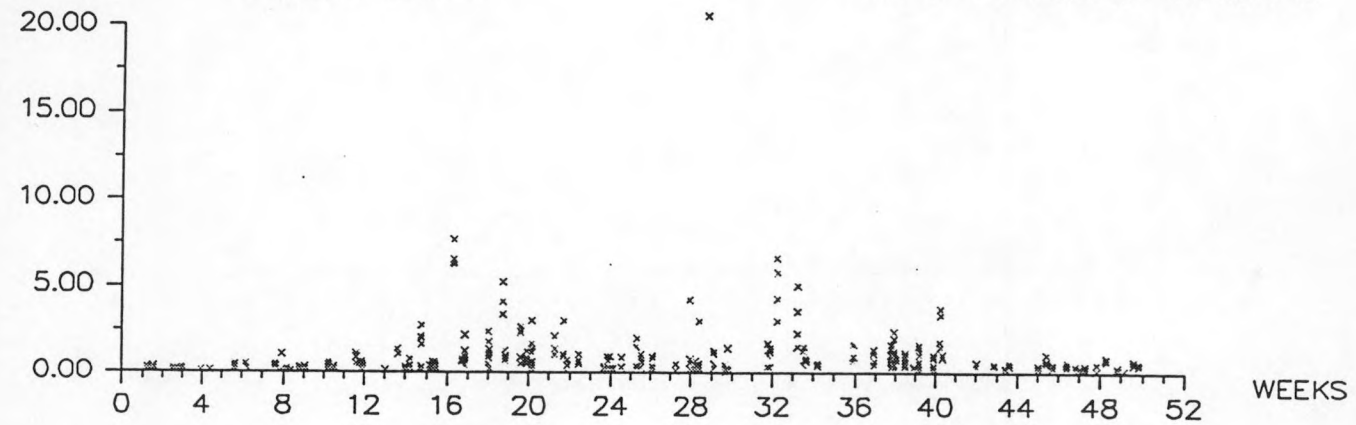


NO. OF DATA OUT OF RANGE : 4

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

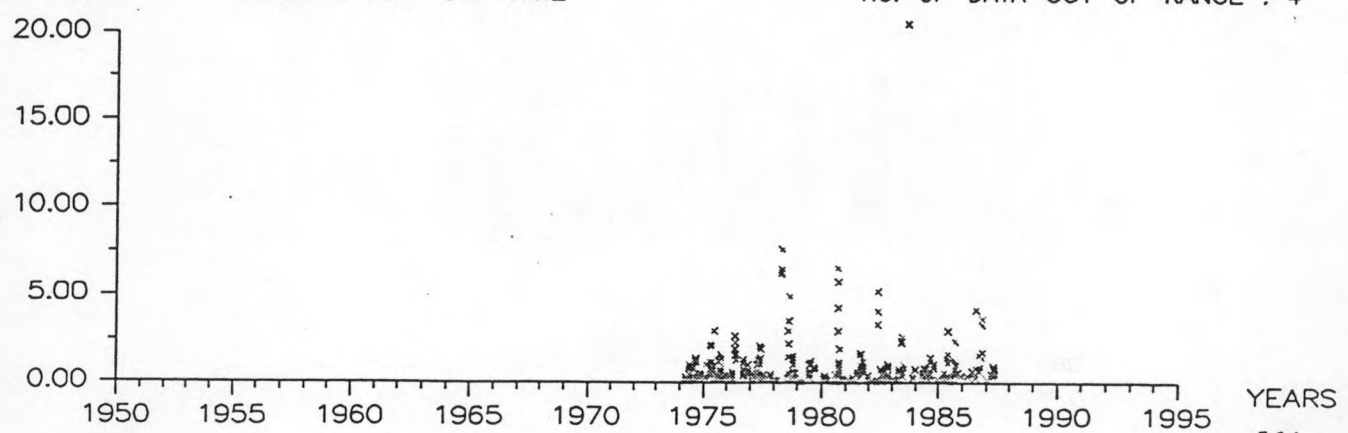
DEPTH–RANGE
UPPER : 0
LOWER : 2000

MY G/L ANNUAL CYCLE



MY G/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 4



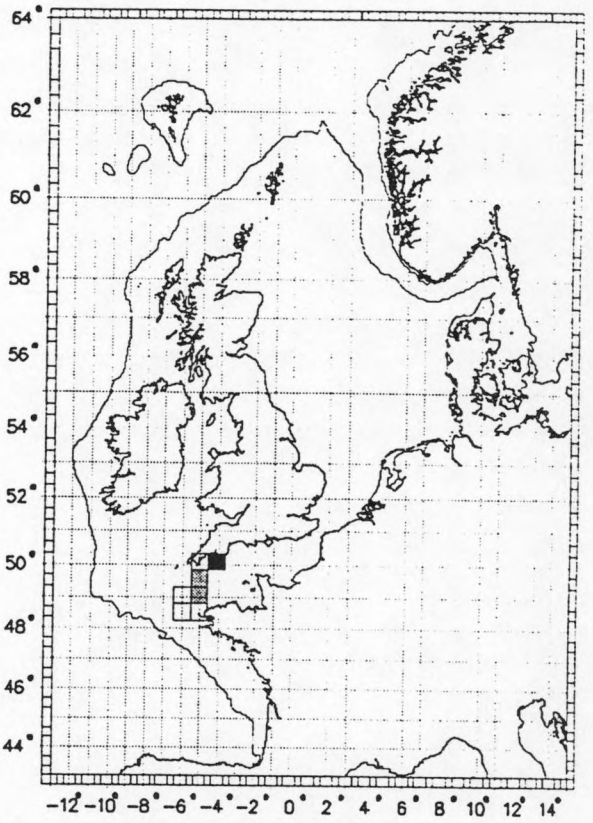
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001011901
ENAME : MBA/Southward, A.J.
UNITS : MY G/L
NO. OF DATA : 573
NO. OF POSITIONS : 17



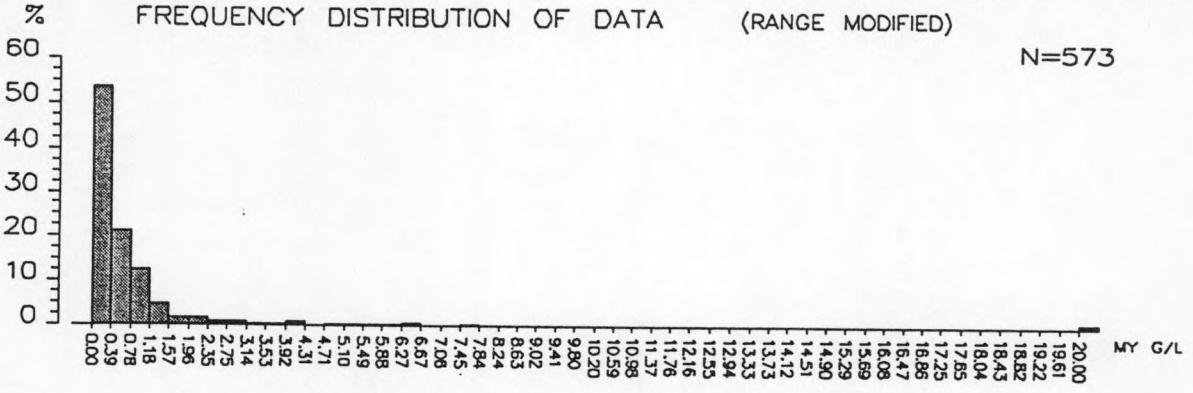
NO. OF DATA/AREA :
(without longterm data series !)

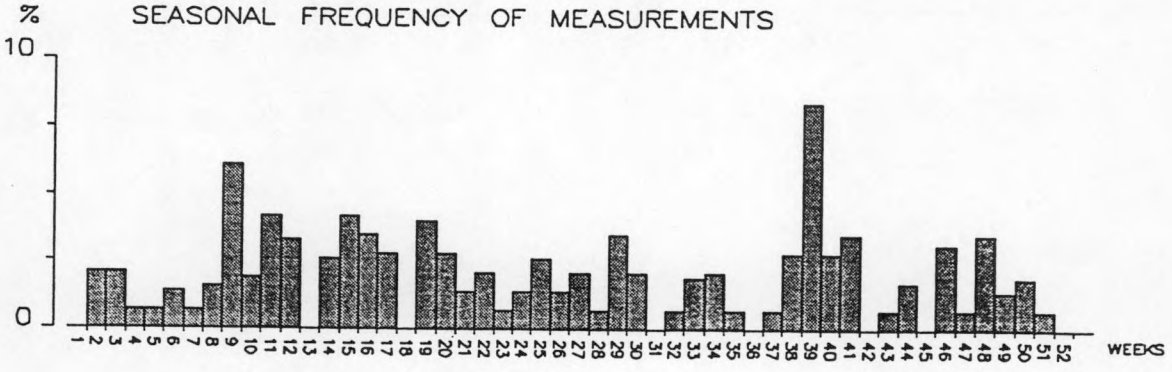
< 434	< 186
< 372	< 124
< 310	< 62
< 248	= 0

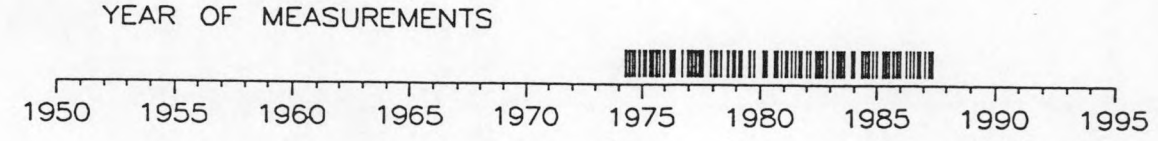
MINIMUM : 0.03
MAXIMUM : 23.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







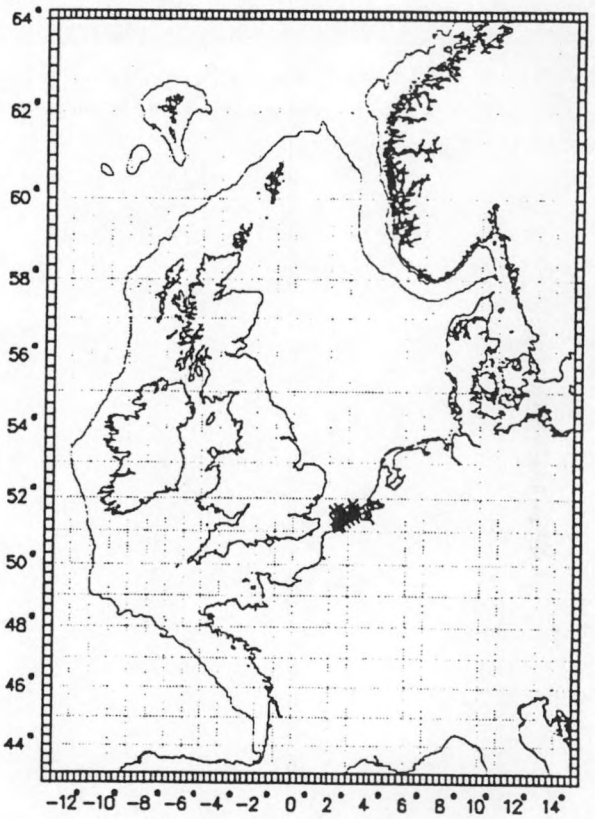
96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010201
ENAME : MFG / Hequ, J.H.
UNITS : MY G/L
NO. OF POSITIONS : 27
NO. OF DATA : 452
MINIMUM : 0.10
MAXIMUM : 37.80

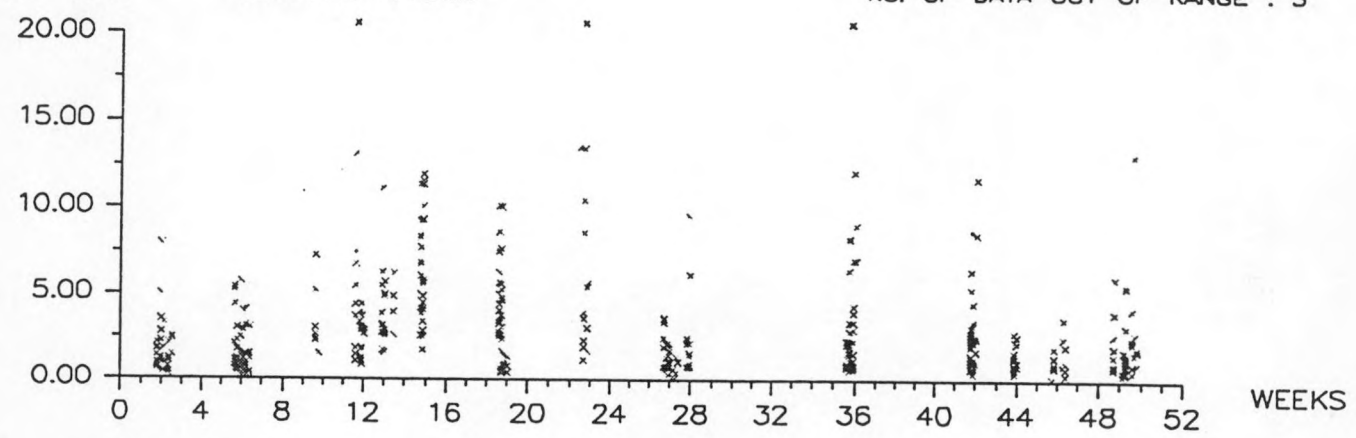


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

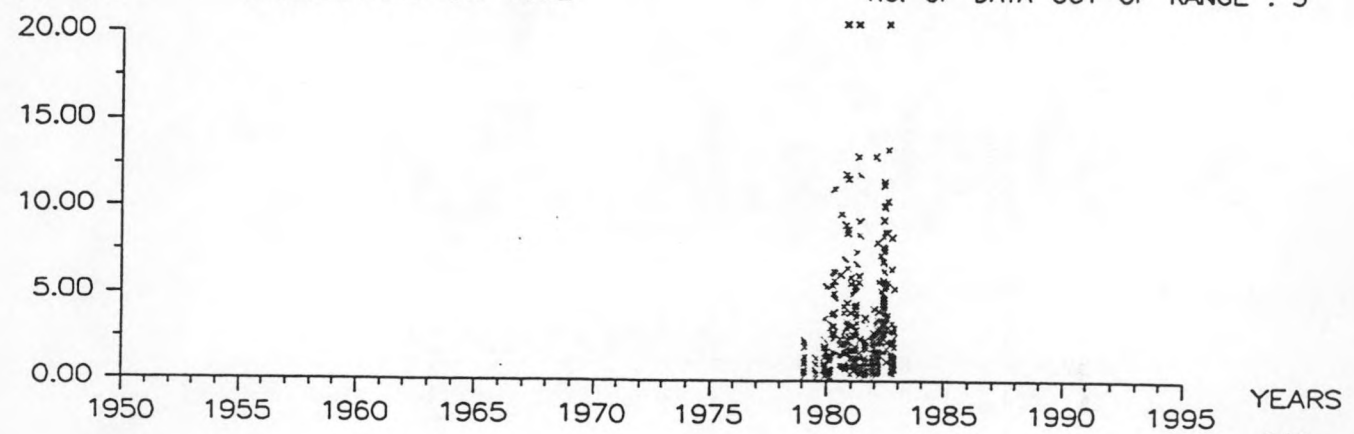
MY G/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 3



MY G/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 3



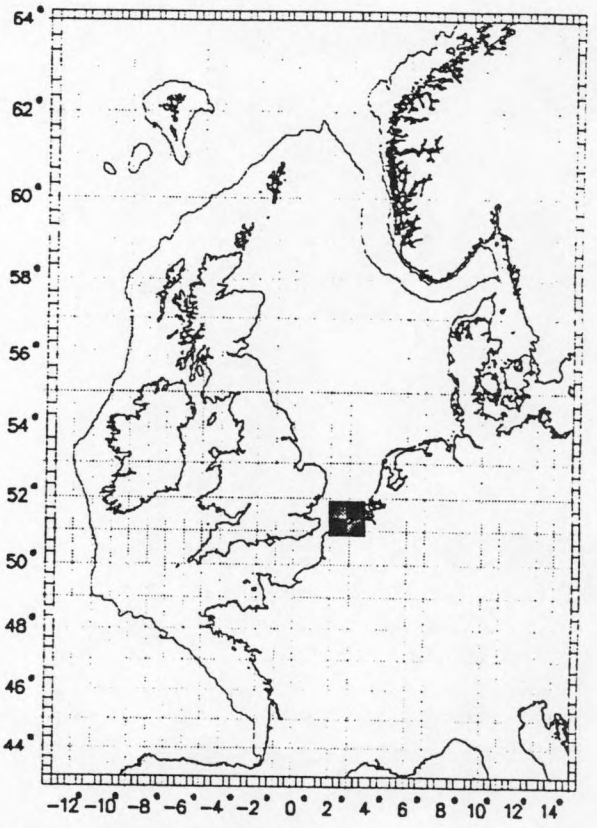
97–06–12

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL—A

PCODE : 4001010201
ENAME : MFG / Hequ, J.H.
UNITS : MY G/L
NO. OF DATA : 452
NO. OF POSITIONS : 27



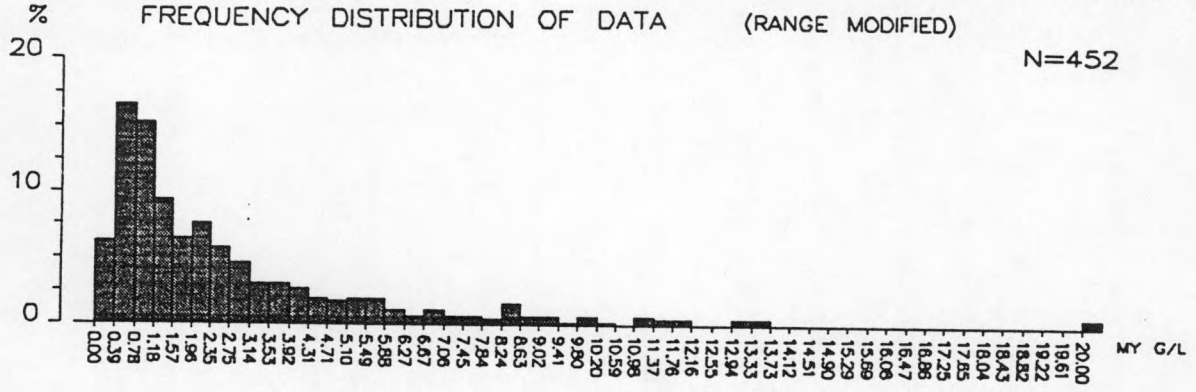
NO. OF DATA/AREA :
(without longterm data series !)

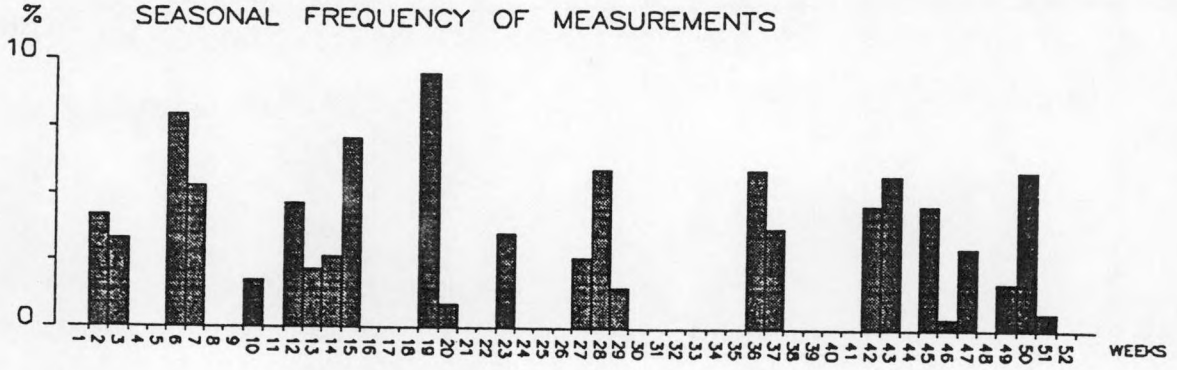
< 171	< 73
< 146	< 48
< 122	< 24
< 97	= 0

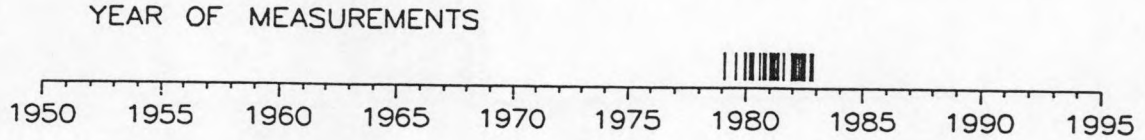
MINIMUM : 0.10
MAXIMUM : 37.80

MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000







97-06-12

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010301

ENAME : MFG / Hequ, J.H.

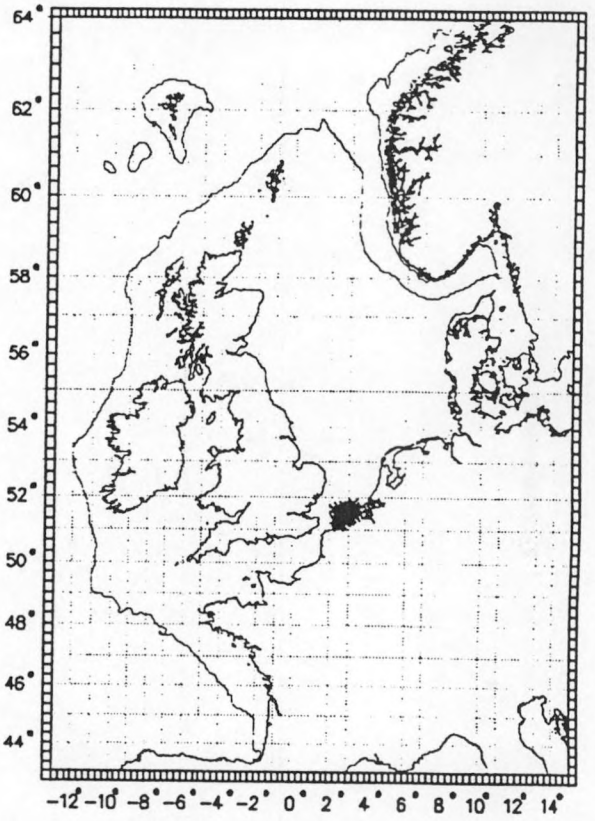
UNITS : MY G/L

NO. OF POSITIONS : 50

NO. OF DATA : 766

MINIMUM : 0.10

MAXIMUM : 34.90



NO. OF DATA OUT OF RANGE : 6

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

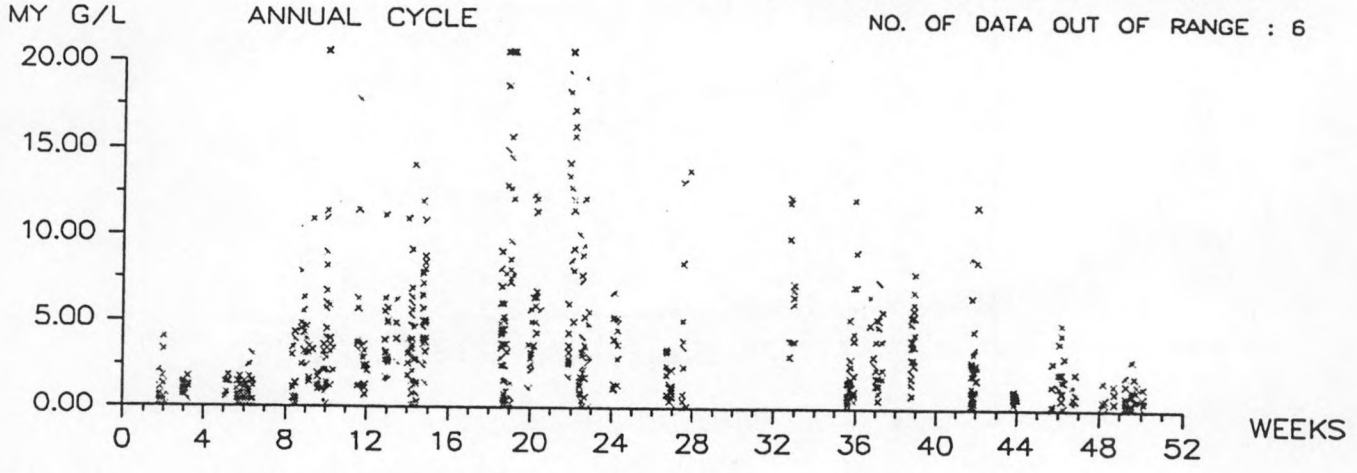
FIRST WEEK : 1

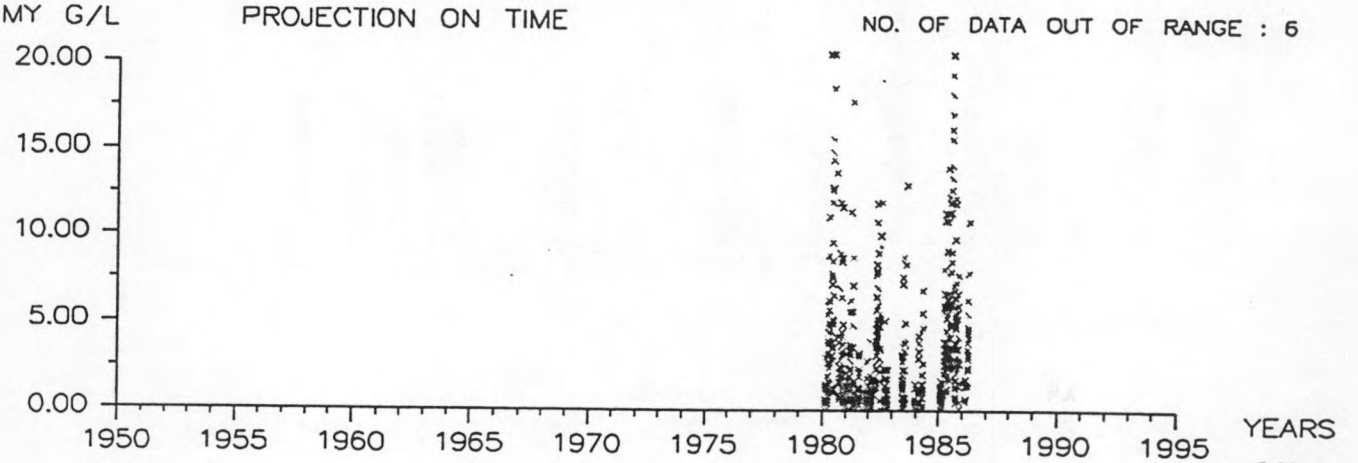
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





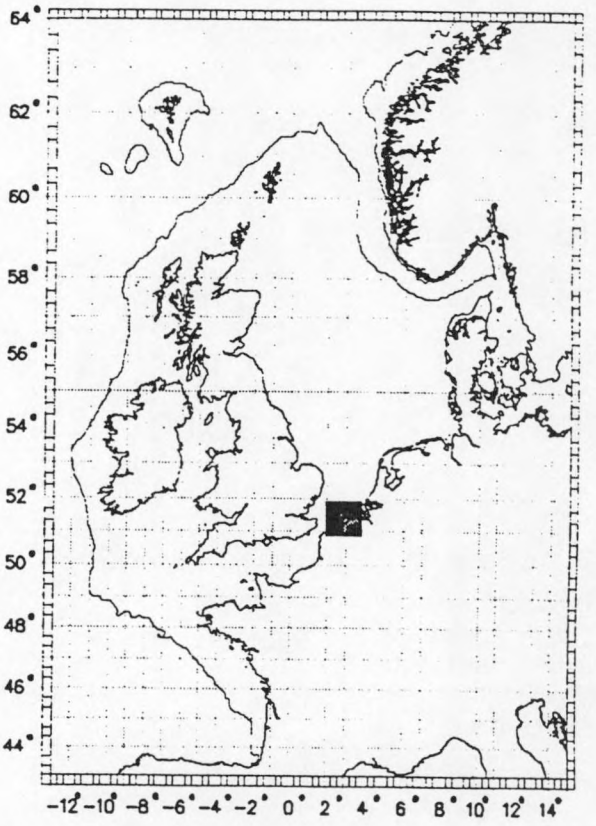
97–06–12

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010301
ENAME : MFG / Hequ, J.H.
UNITS : MY G/L
NO. OF DATA : 766
NO. OF POSITIONS : 50



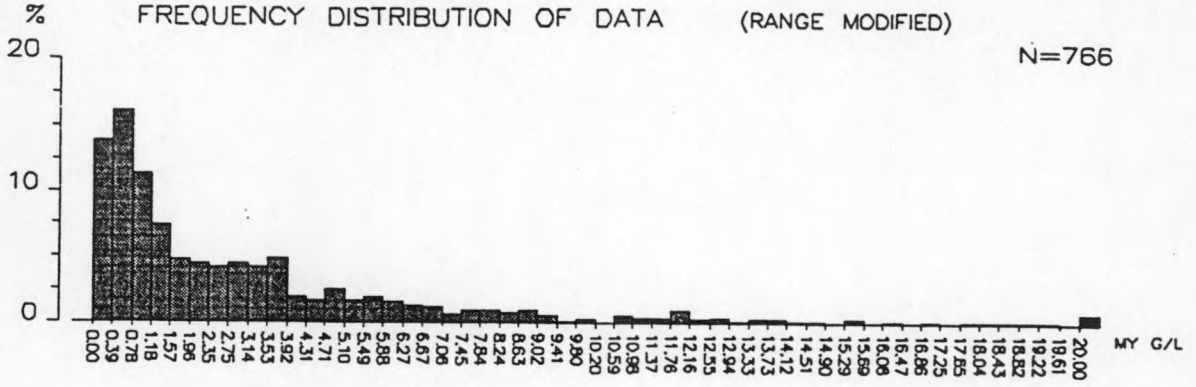
NO. OF DATA/AREA :
(without longterm data series !)

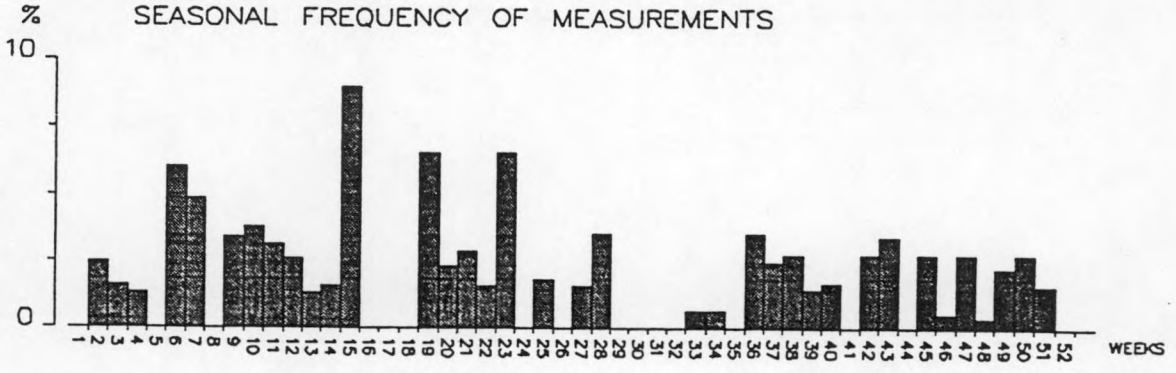
< 294	< 126
< 252	< 84
< 210	< 42
< 168	= 0

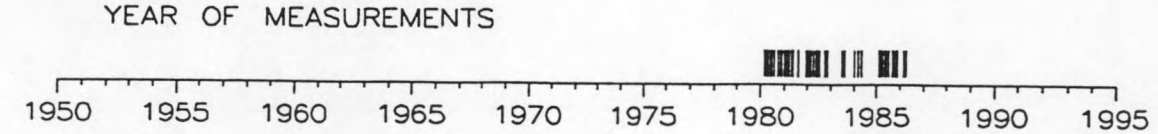
MINIMUM : 0.10
MAXIMUM : 34.90

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010301

ENAME : NIOZ/Cadee G.C.

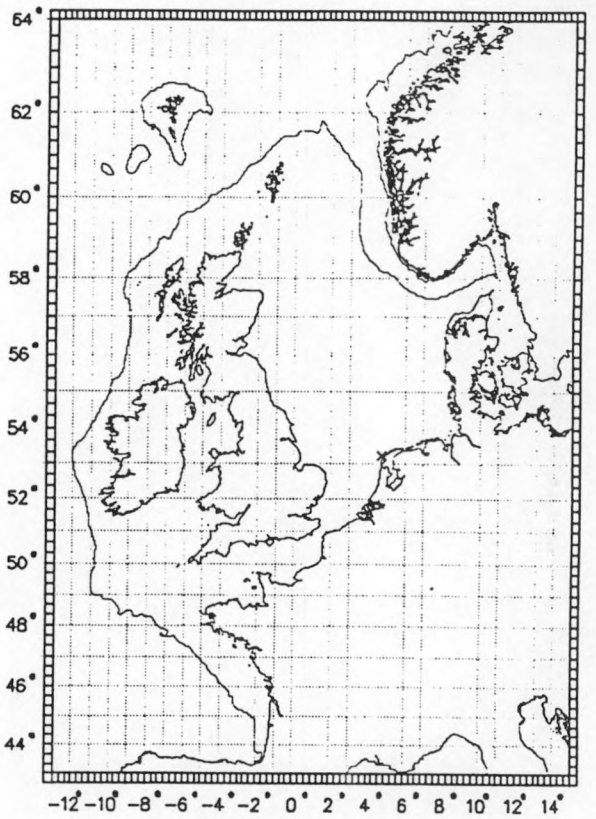
UNITS : MY G/L

NO. OF POSITIONS : 1

NO. OF DATA : 176

MINIMUM : 0.00

MAXIMUM : 90.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

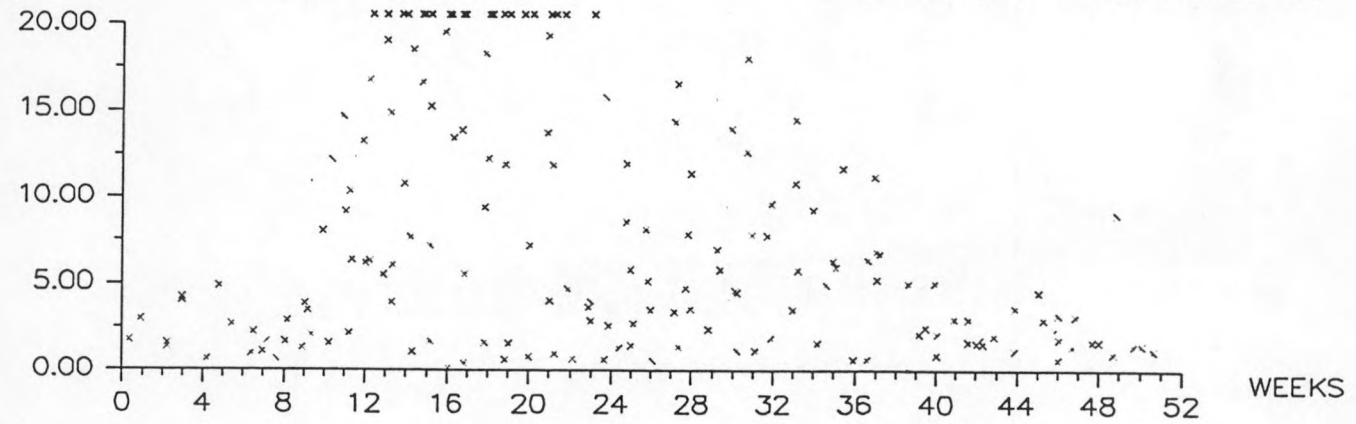
DEPTH–RANGE

UPPER : 0

LOWER : 2000

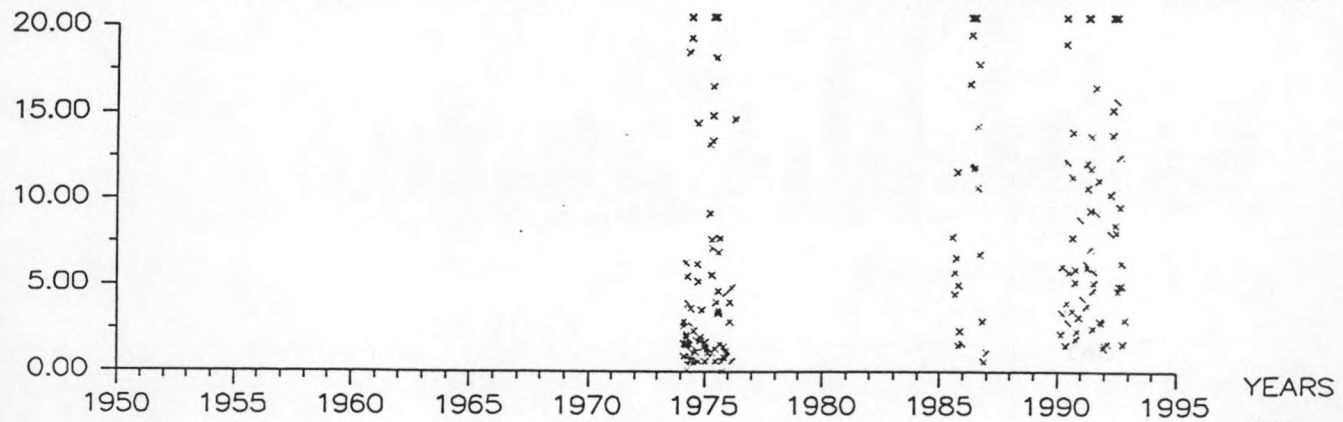
NO. OF DATA OUT OF RANGE : 22

MY G/L ANNUAL CYCLE



MY G/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 22



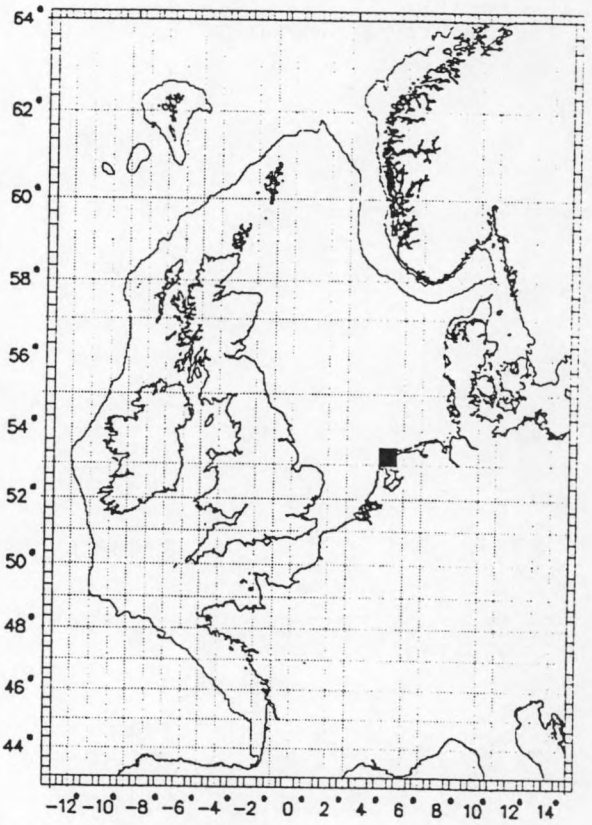
96–10–03

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010301
ENAME : NIOZ/Cadee G.C.
UNITS : MY G/L
NO. OF DATA : 176
NO. OF POSITIONS : 1



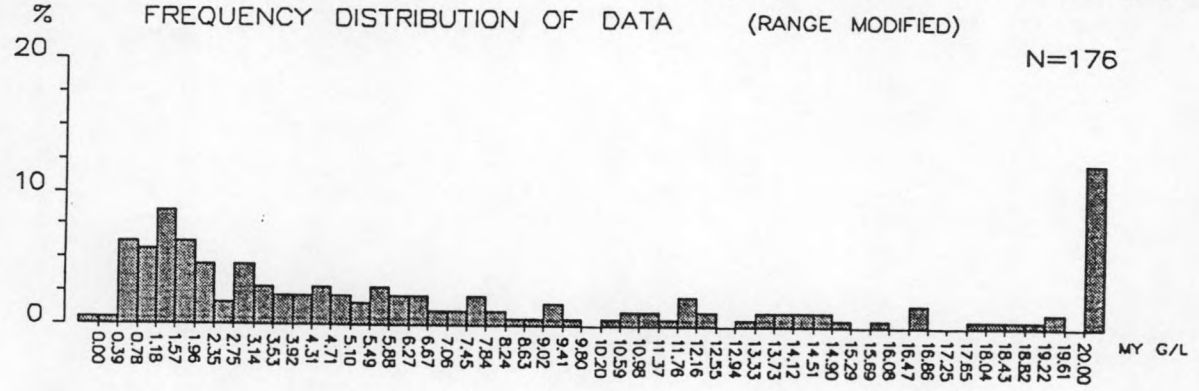
NO. OF DATA/AREA :
(without longterm data series !)

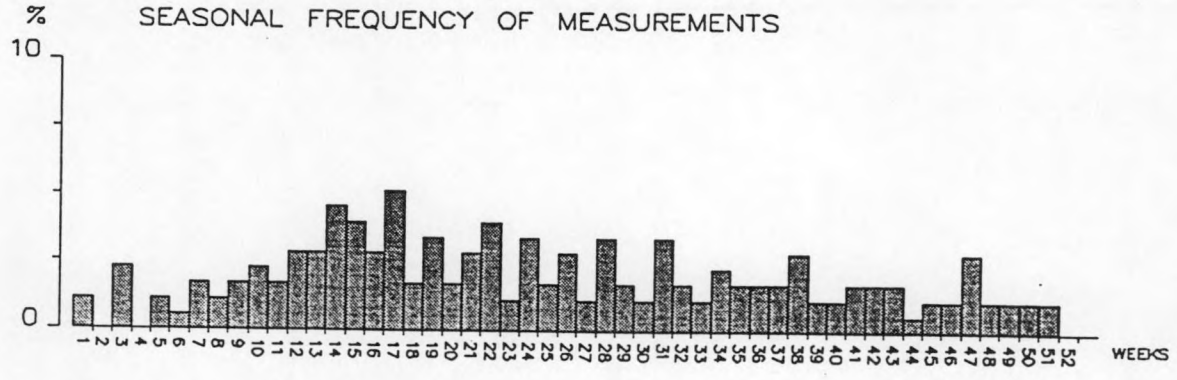
< 176	< 75
< 150	< 50
< 125	< 25
< 100	= 0

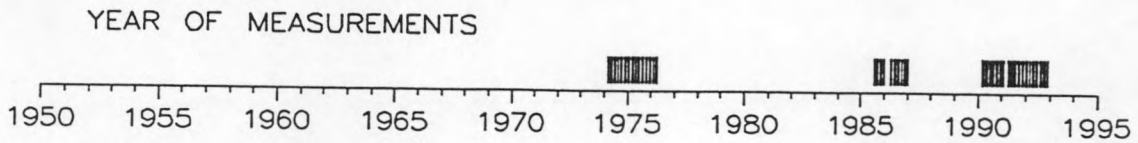
MINIMUM : 0.00
MAXIMUM : 90.00

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010001

ENAME : NLWHI

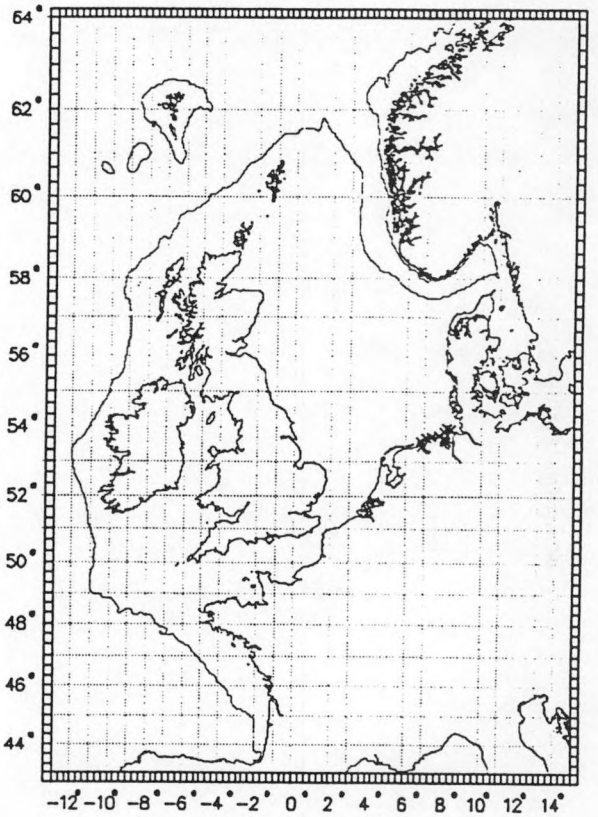
UNITS : MY G/L

NO. OF POSITIONS : 14

NO. OF DATA : 146

MINIMUM : 1.69

MAXIMUM : 40.09



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

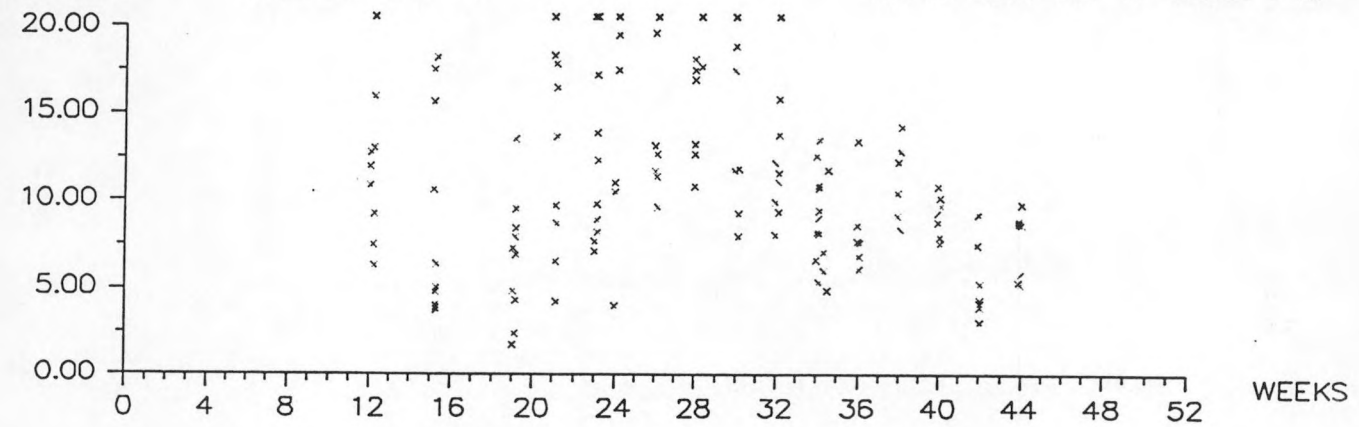
DEPTH–RANGE

UPPER : 0

LOWER : 2000

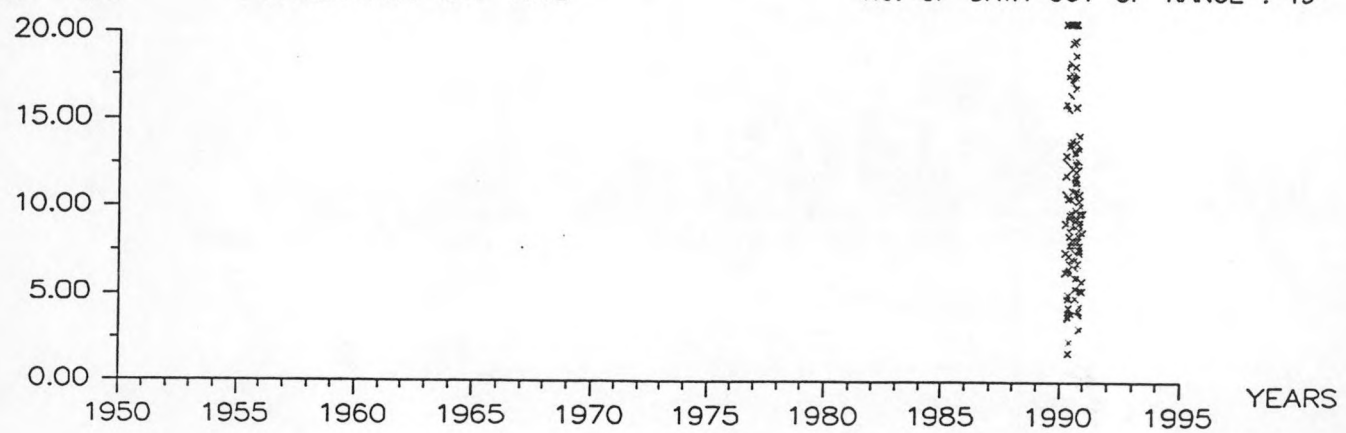
MY G/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 19



MY G/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 19

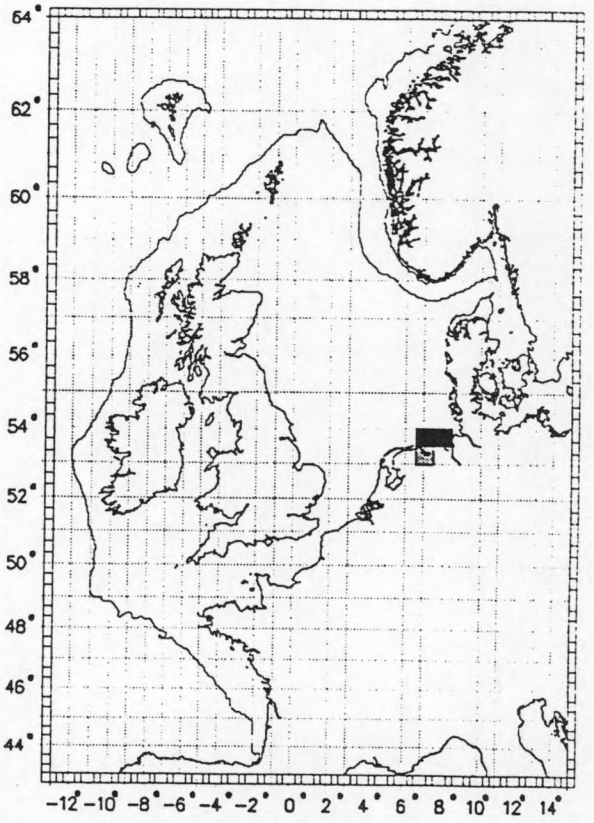


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL—A

PCODE : 4001010001
ENAME : NLWHI
UNITS : MY G/L
NO. OF DATA : 146
NO. OF POSITIONS : 14



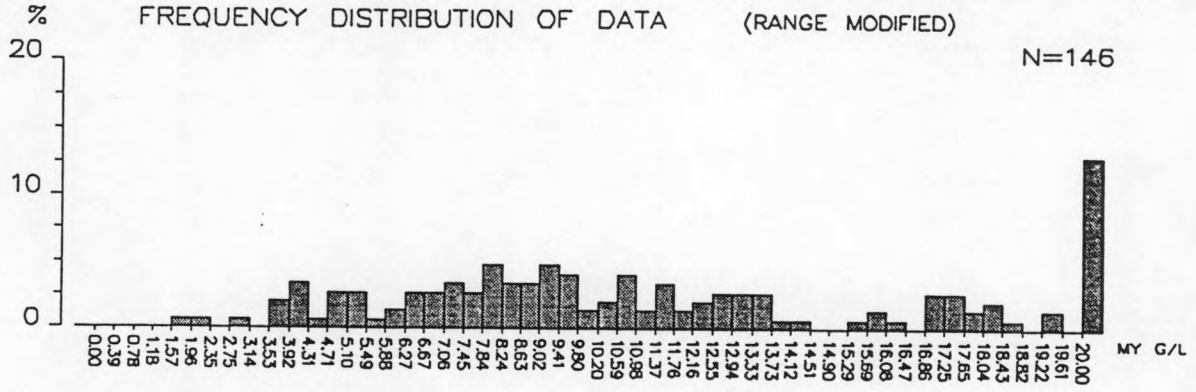
NO. OF DATA/AREA :
(without longterm data series !)

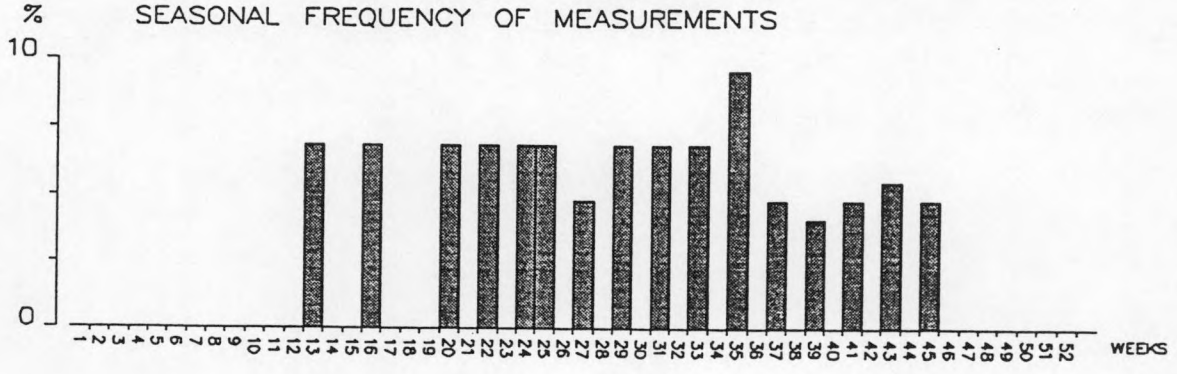
< 78	< 33
< 66	< 22
< 55	< 11
< 44	= 0

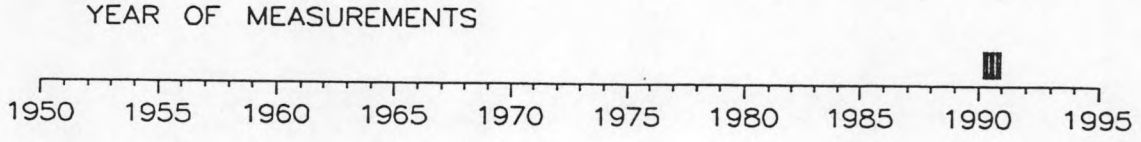
MINIMUM : 1.69
MAXIMUM : 40.09

MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001011901

ENAME : Slinn, D.J. and Allen,.

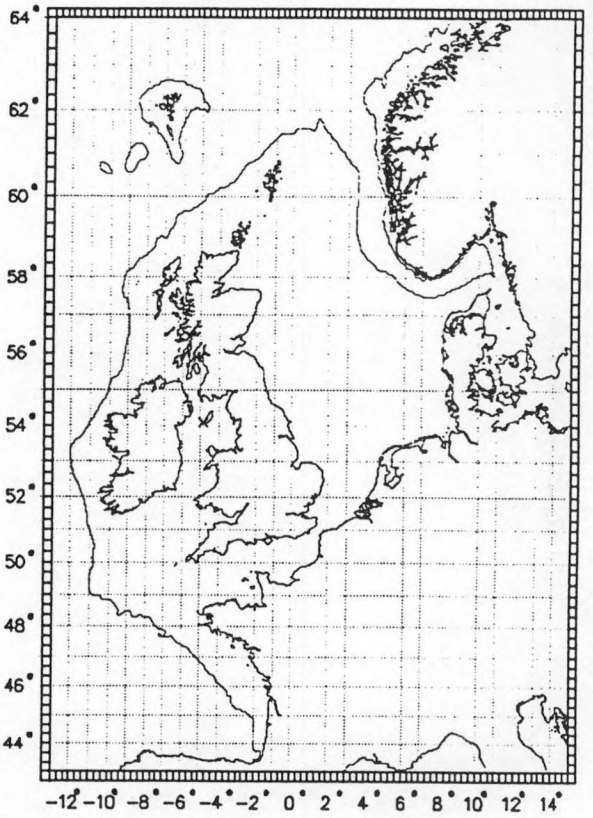
UNITS : MY G/L

NO. OF POSITIONS : 1

NO. OF DATA : 810

MINIMUM : 0.03

MAXIMUM : 16.27



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

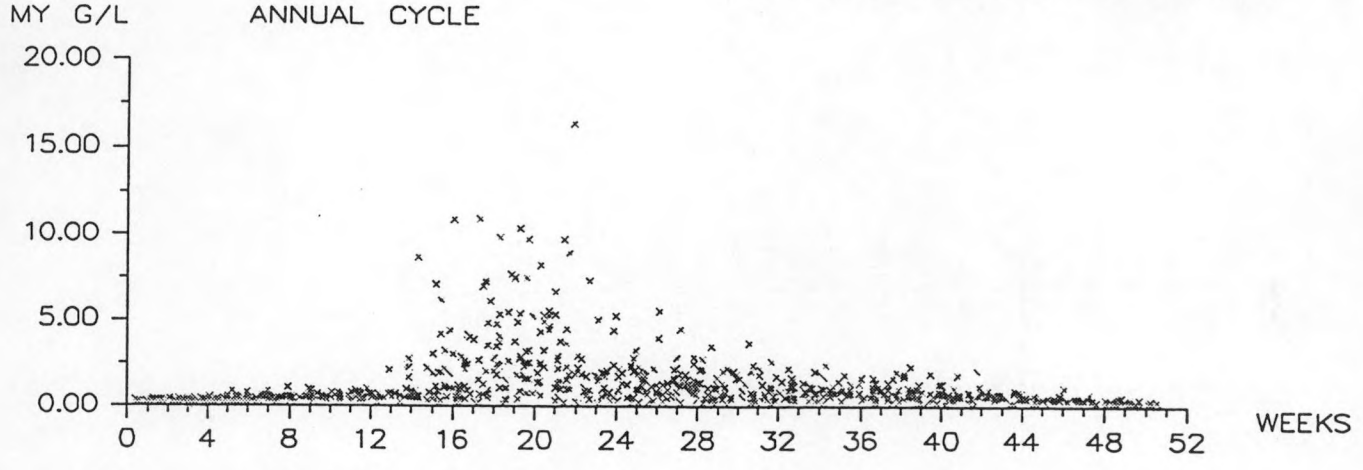
FIRST WEEK : 1

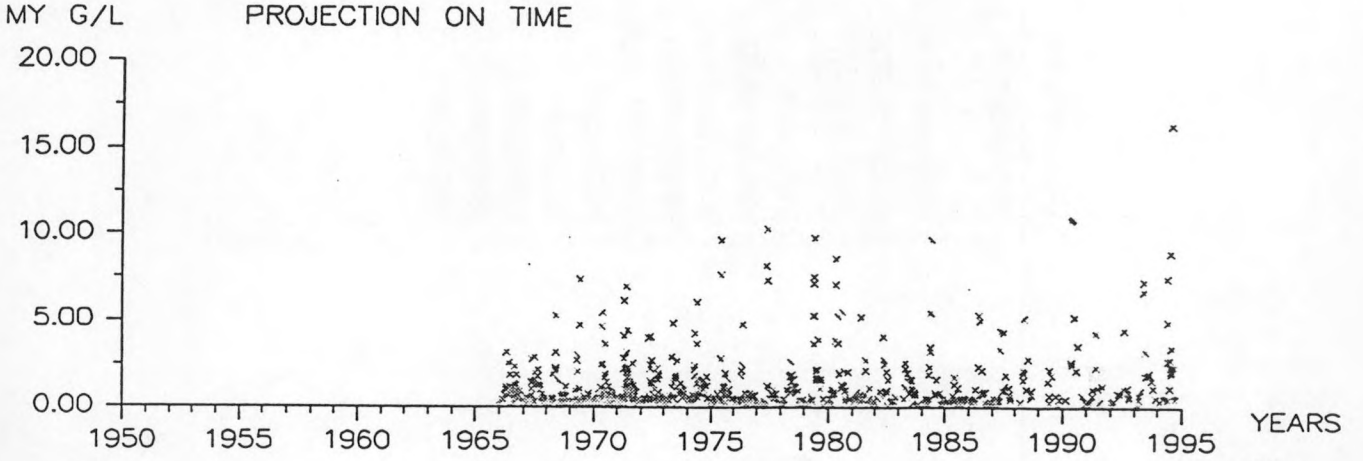
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



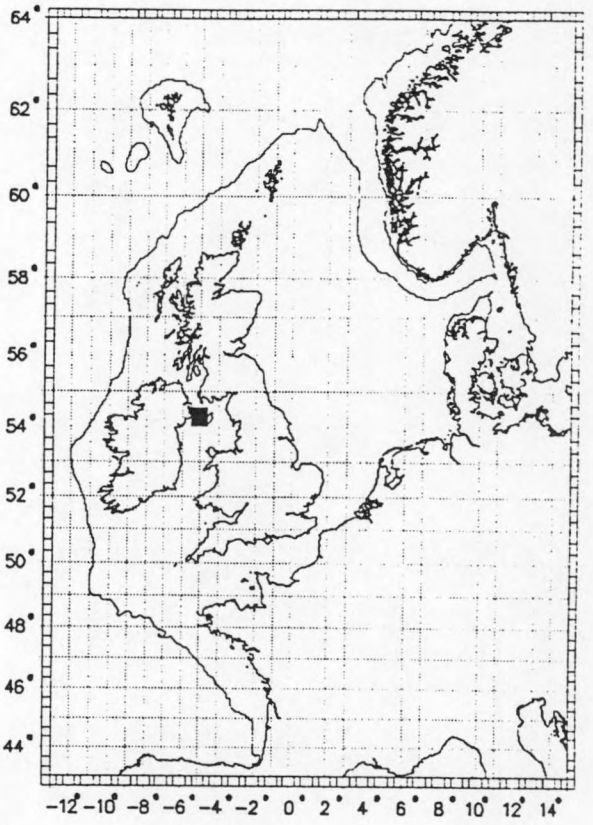


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001011901
ENAME : Slinn, D.J. and Allen,.
UNITS : MY G/L
NO. OF DATA : 810
NO. OF POSITIONS : 1



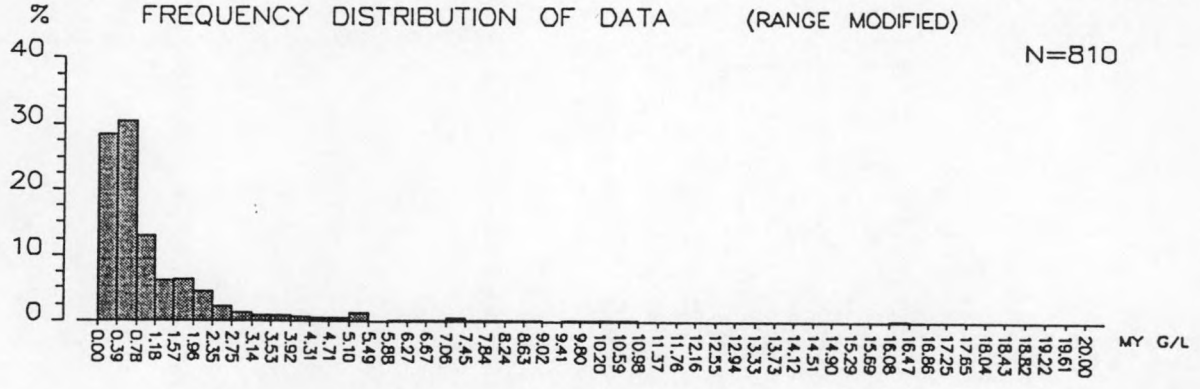
NO. OF DATA/AREA :
(without longterm data series !)

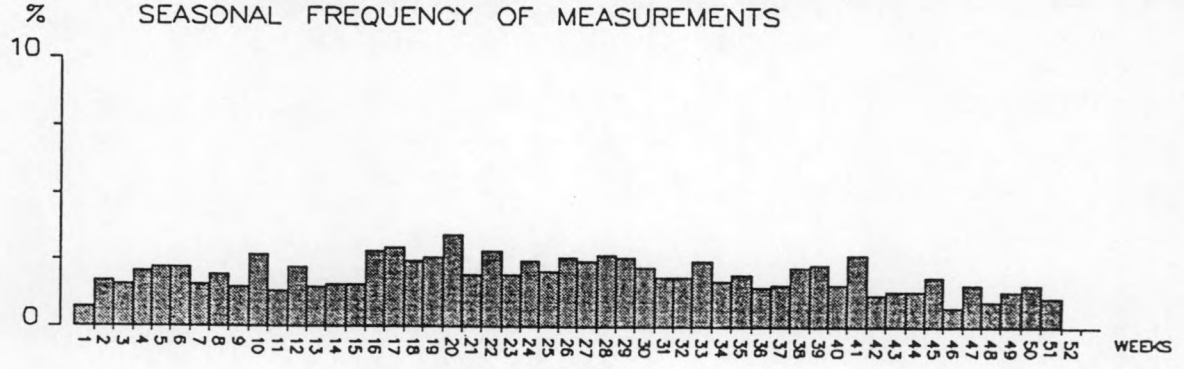
< 810	< 347
< < 694	< < 231
< < 578	< < 115
< 462	= 0

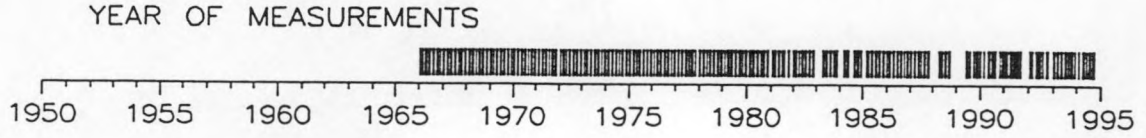
MINIMUM : 0.03
MAXIMUM : 16.27

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







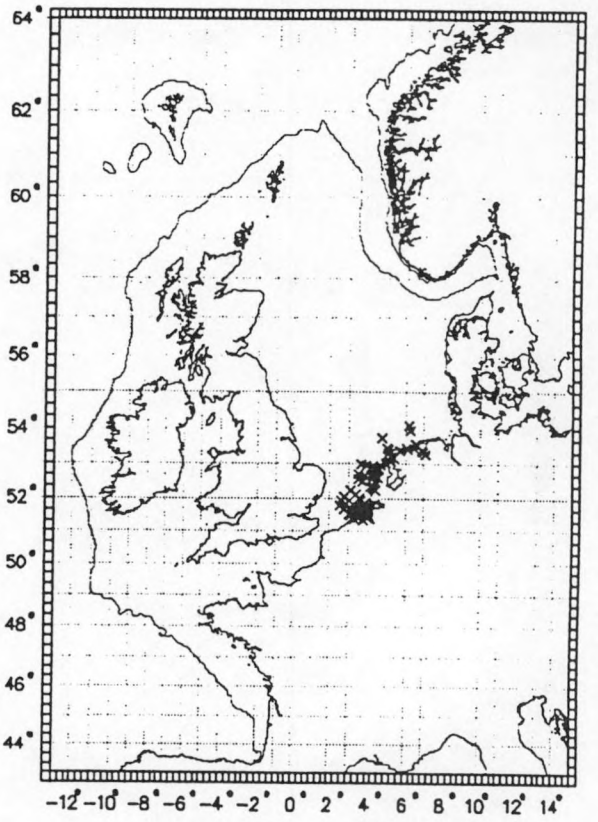
96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

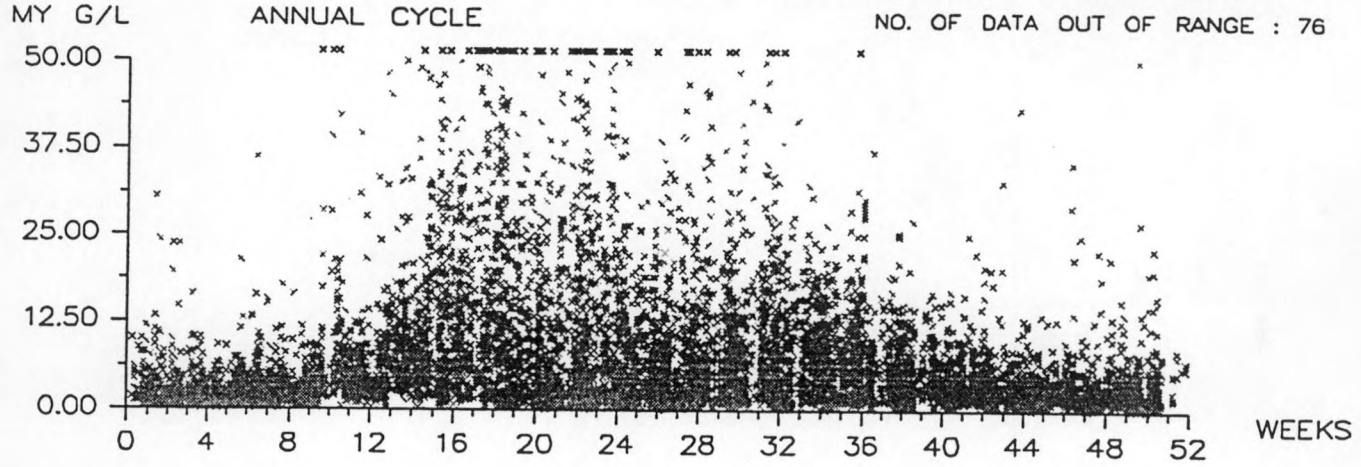
CHLOROPHYLL–A

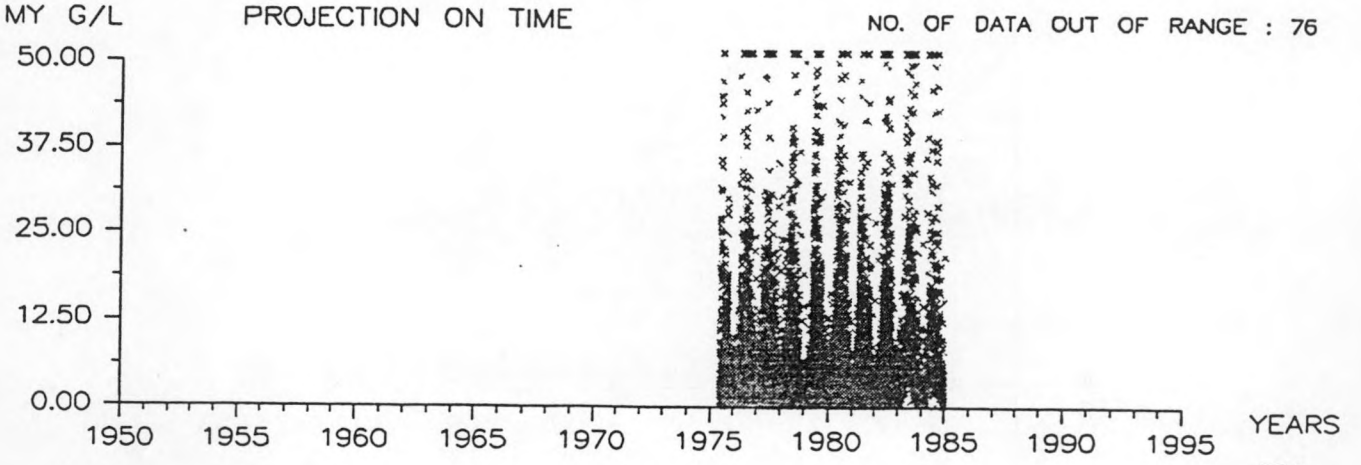
PCODE : 4001010001
ENAME : RWS / Laane, R.
UNITS : MY G/L
NO. OF POSITIONS : 81
NO. OF DATA : 11626
MINIMUM : 0.10
MAXIMUM : 103.60



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



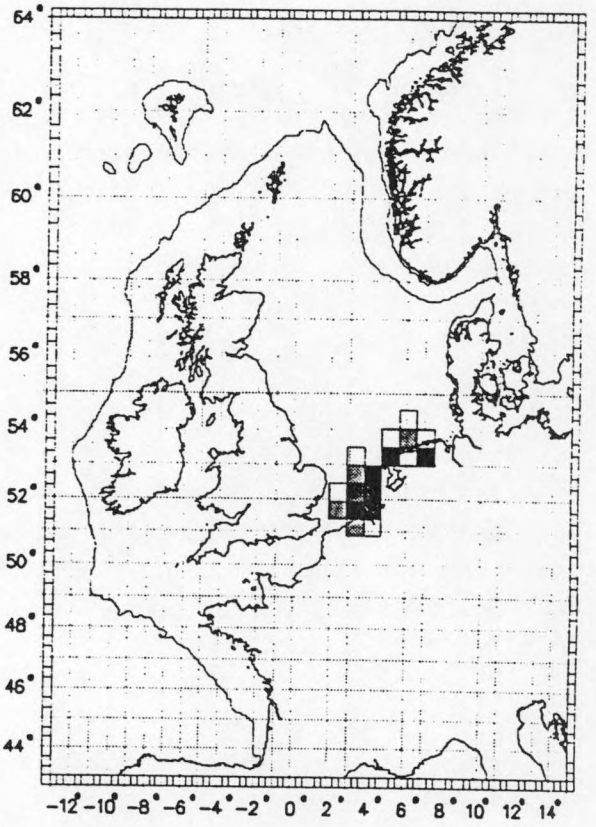


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010001
ENAME : RWS / Laane, R.
UNITS : MY G/L
NO. OF DATA : 11626
NO. OF POSITIONS : 81



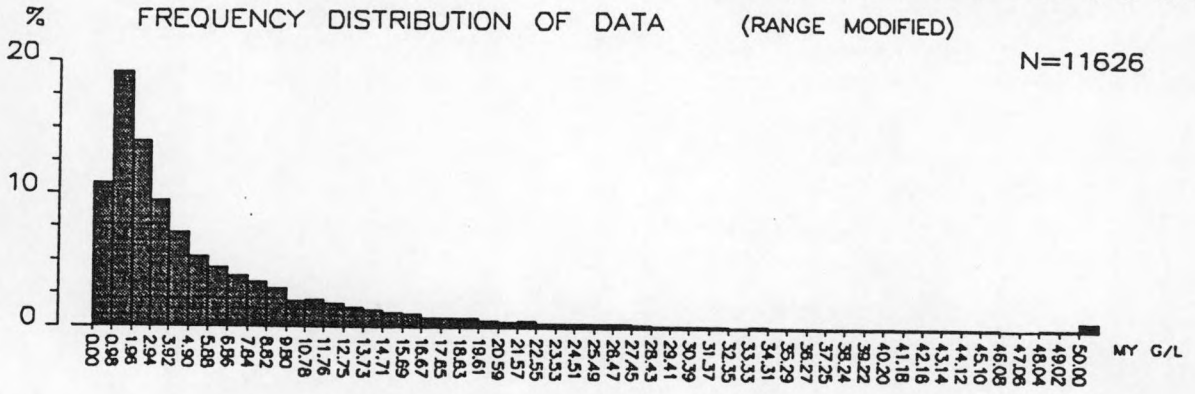
NO. OF DATA/AREA :
(without longterm data series !)

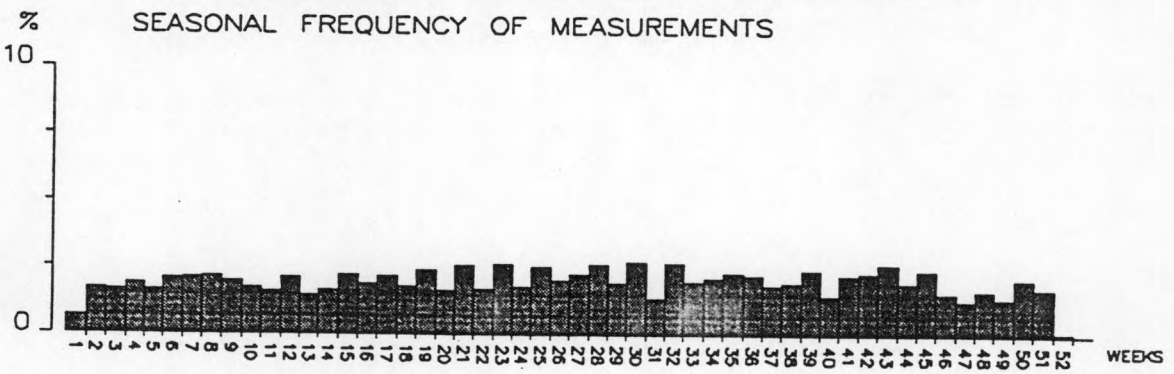
<	2221	<	951
<	1903	<	634
<	1586	<	317
<	1269	=	0

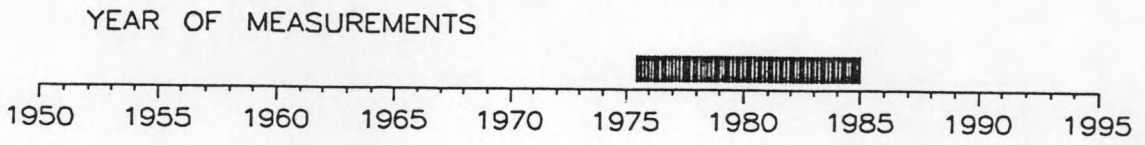
MINIMUM : 0.10
MAXIMUM : 103.60

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010701

ENAME : RWS / Laane, R.

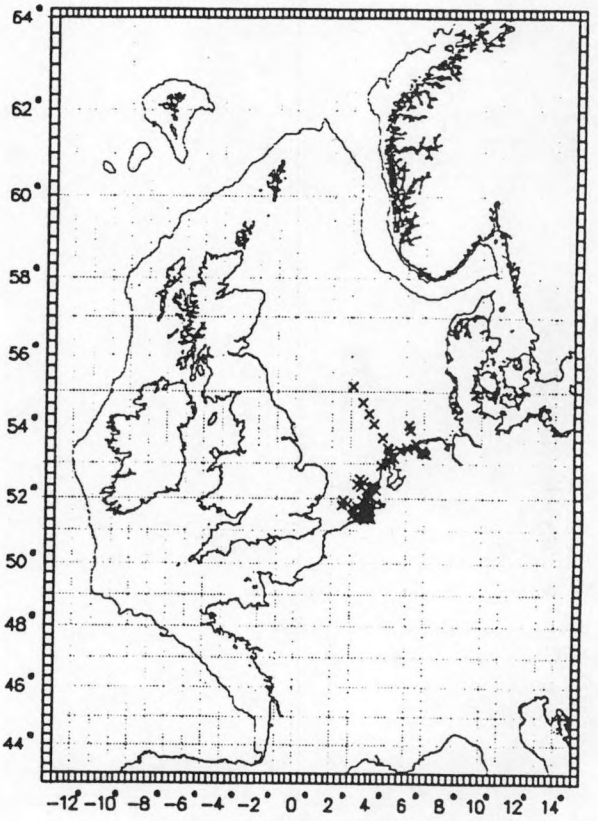
UNITS : MY G/L

NO. OF POSITIONS : 73

NO. OF DATA : 7005

MINIMUM : 0.10

MAXIMUM : 119.60



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

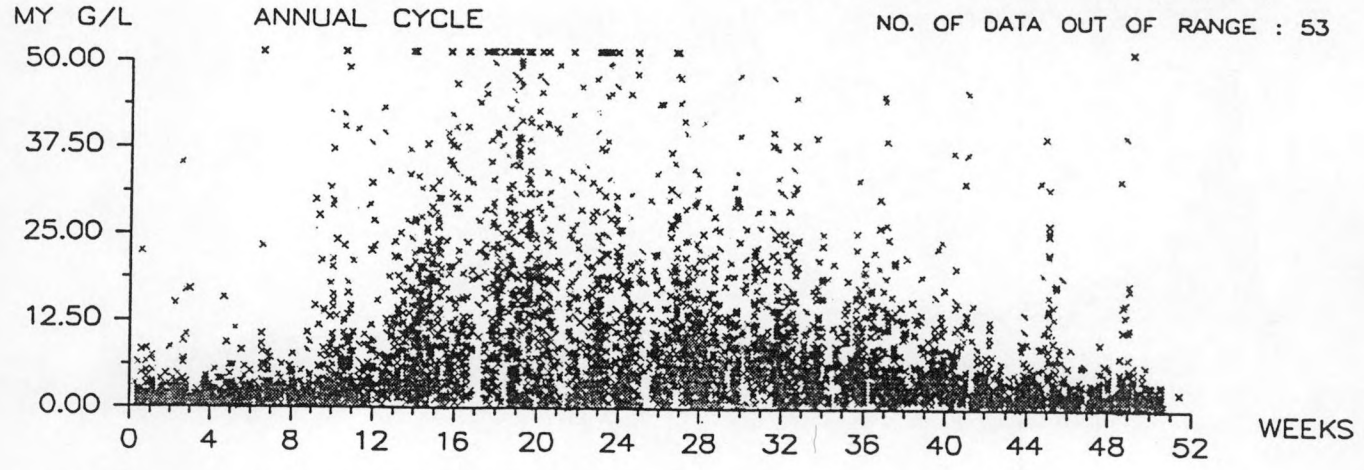
FIRST WEEK : 1

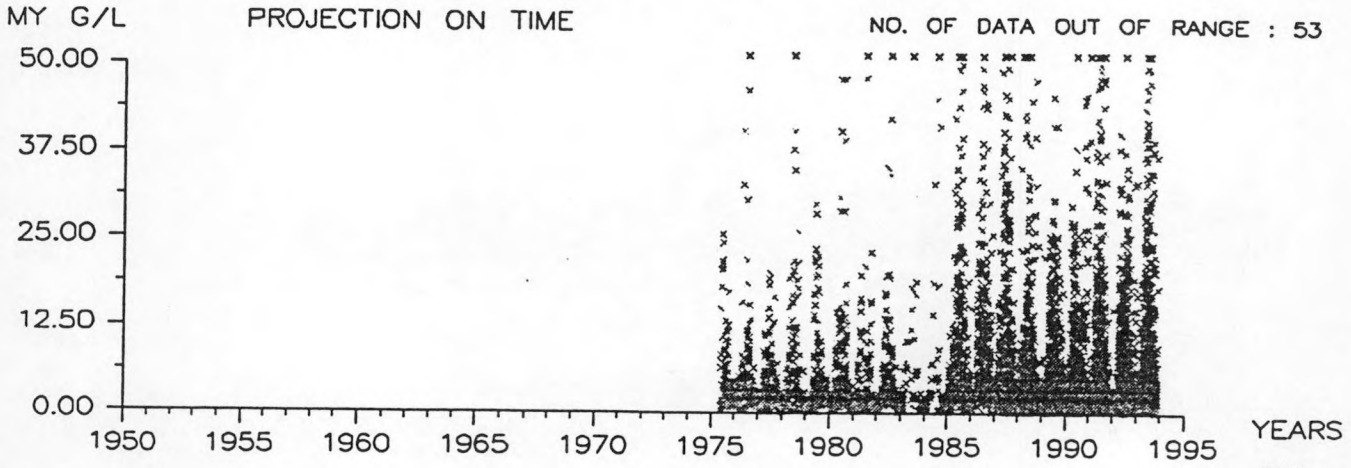
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



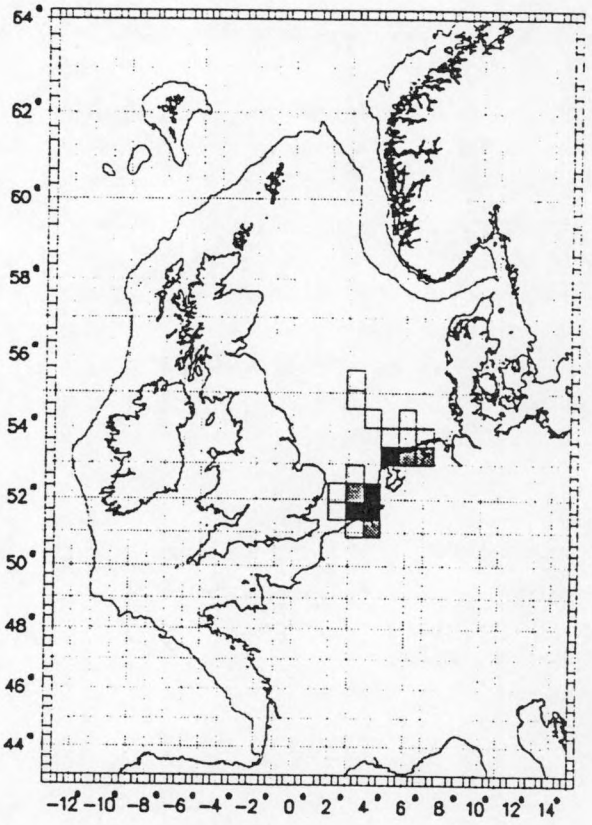


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010701
ENAME : RWS / Laane, R.
UNITS : MY G/L
NO. OF DATA : 7005
NO. OF POSITIONS : 73



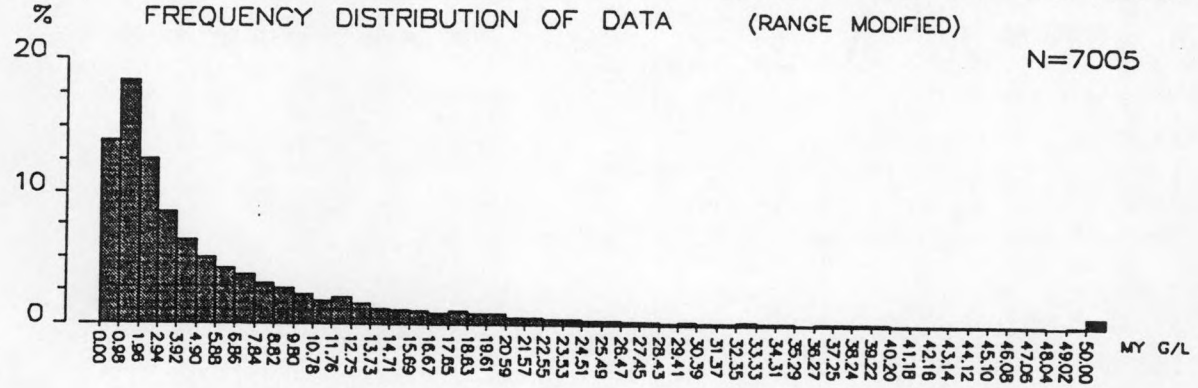
NO. OF DATA/AREA :
(without longterm data series !)

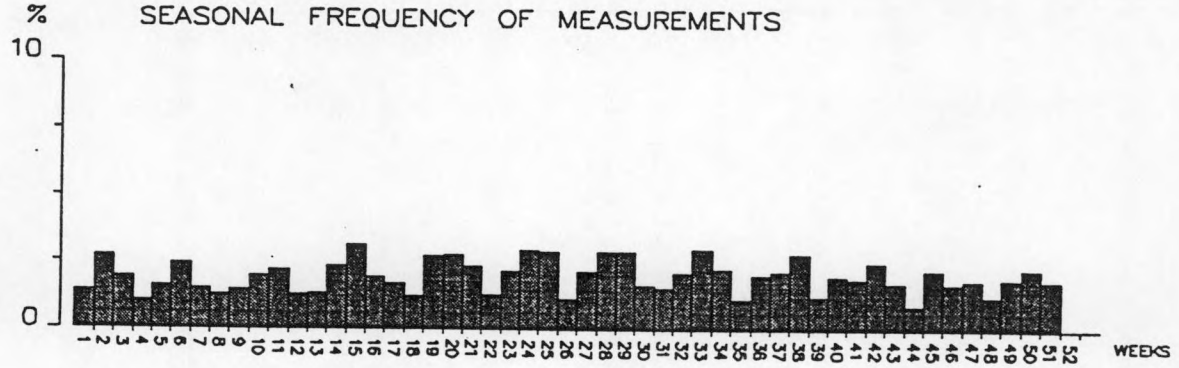
< 1676	< 718
< 1436	< 478
< 1197	< 239
< 957	= 0

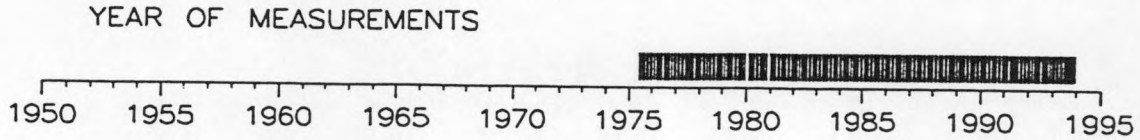
MINIMUM : 0.10
MAXIMUM : 119.60

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010001

ENAME : RWS–RIZA

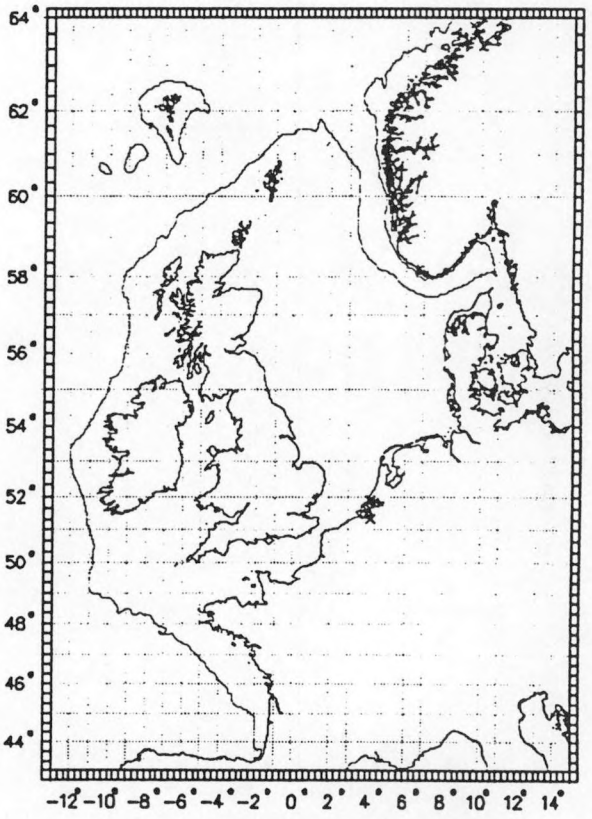
UNITS : MY G/L

NO. OF POSITIONS : 2

NO. OF DATA : 415

MINIMUM : 0.60

MAXIMUM : 111.20



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

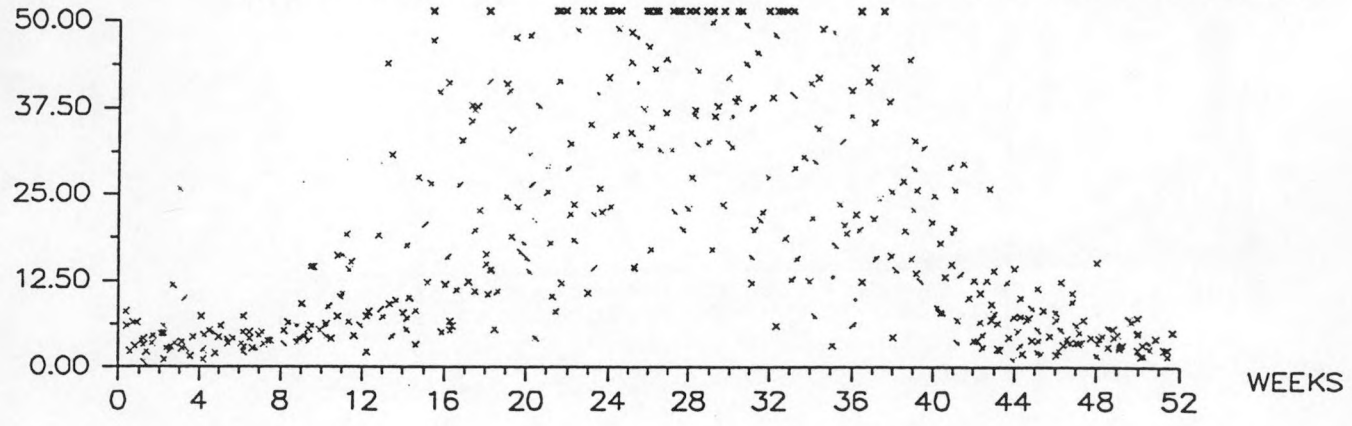
LAST WEEK : 53

DEPTH–RANGE

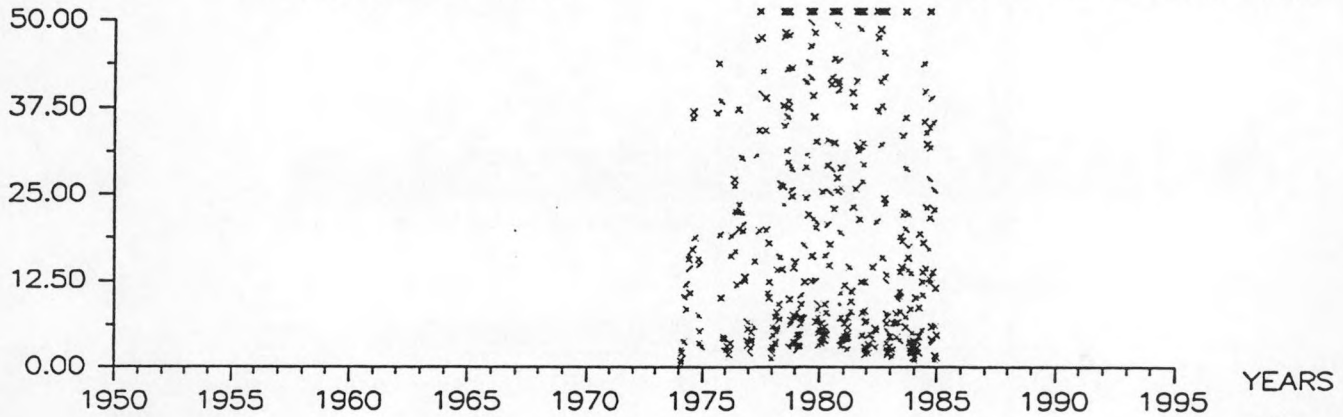
UPPER : 0

LOWER : 2000

MY G/L ANNUAL CYCLE NO. OF DATA OUT OF RANGE : 33



MY G/L PROJECTION ON TIME NO. OF DATA OUT OF RANGE : 33

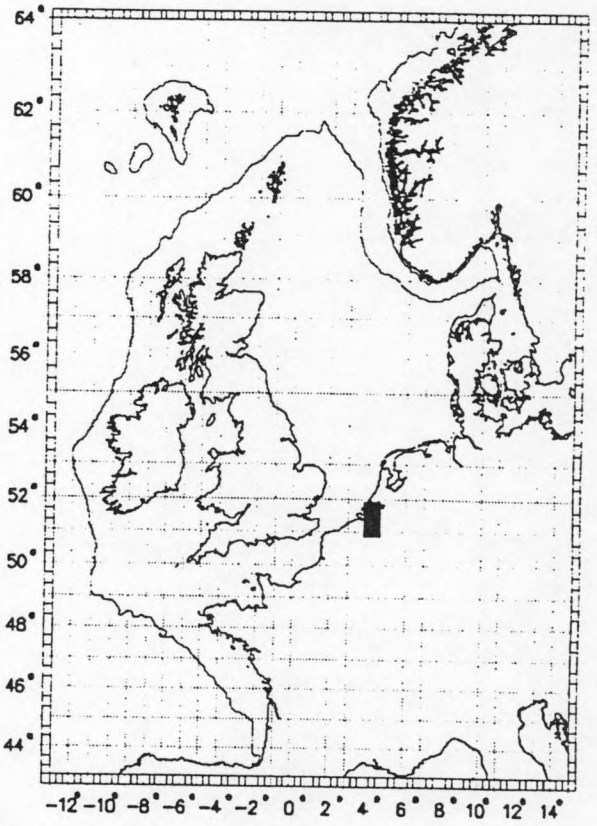


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010001
ENAME : RWS–RIZA
UNITS : MY G/L
NO. OF DATA : 415
NO. OF POSITIONS : 2



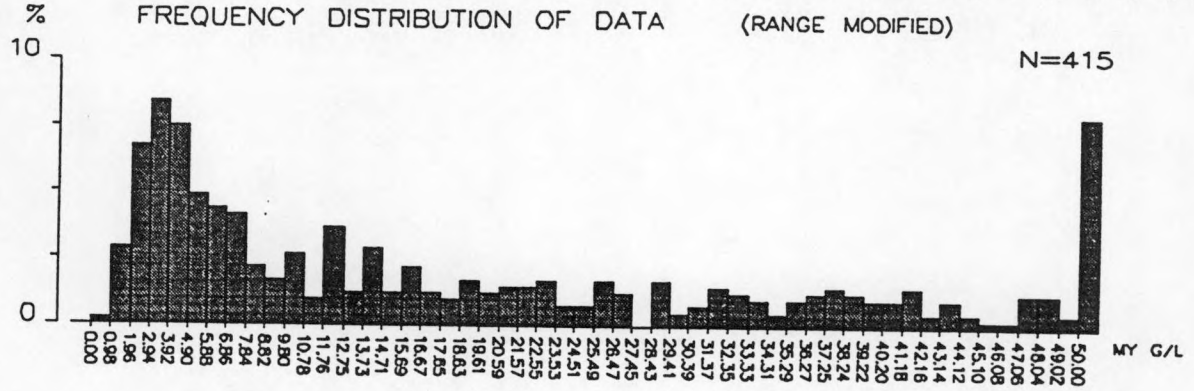
NO. OF DATA/AREA :
(without longterm data series !)

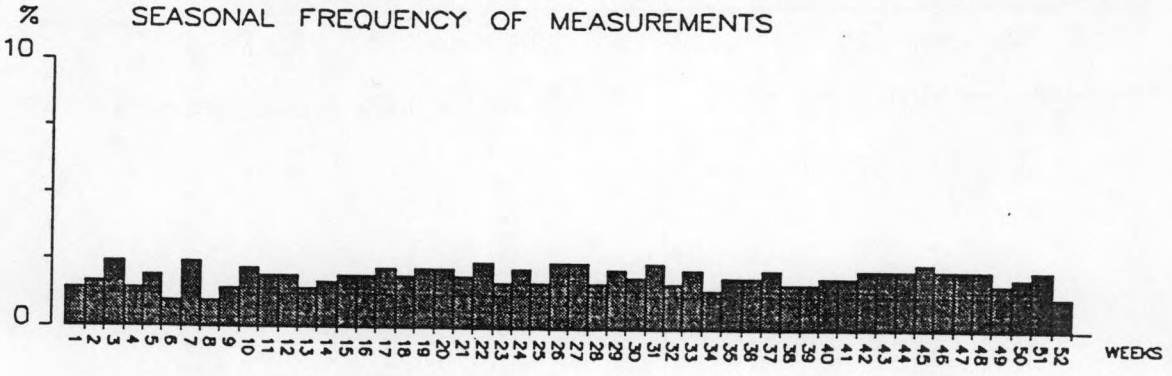
< 246	< 105
< 210	< 70
< 175	< 35
< 140	= 0

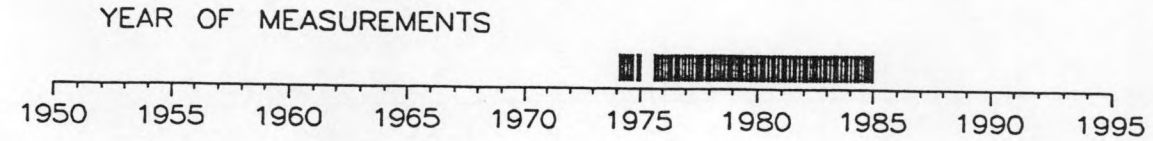
MINIMUM : 0.60
MAXIMUM : 111.20

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







97–06–09

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010701

ENAME : RWS–RIZA

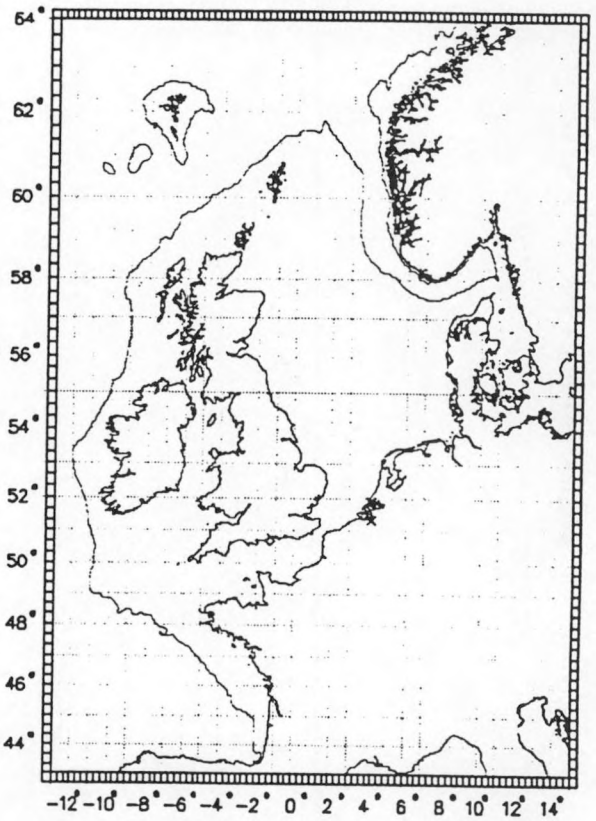
UNITS : MY G/L

NO. OF POSITIONS : 2

NO. OF DATA : 390

MINIMUM : 0.30

MAXIMUM : 54.30



NO. OF DATA OUT OF RANGE : 1

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

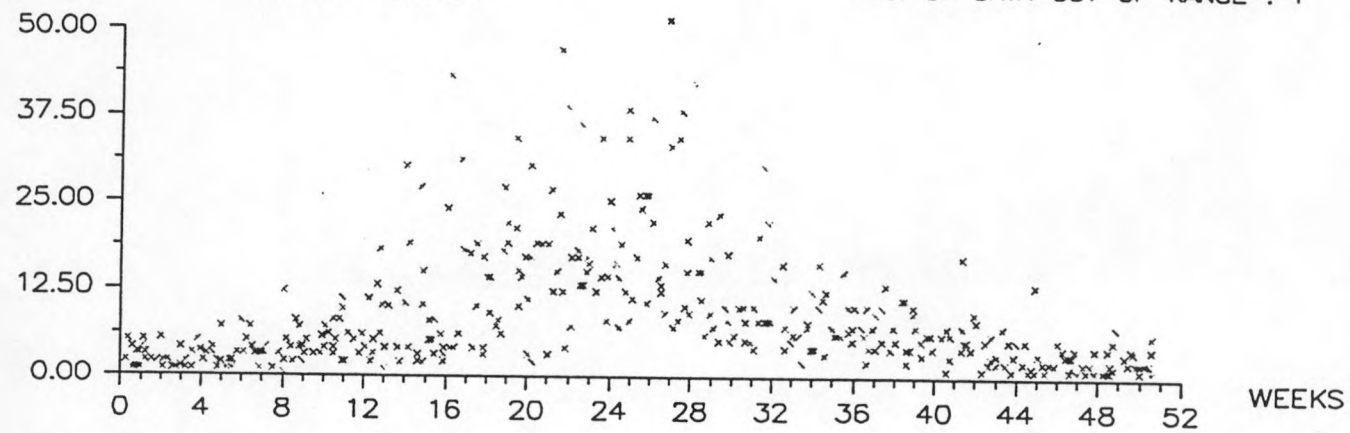
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

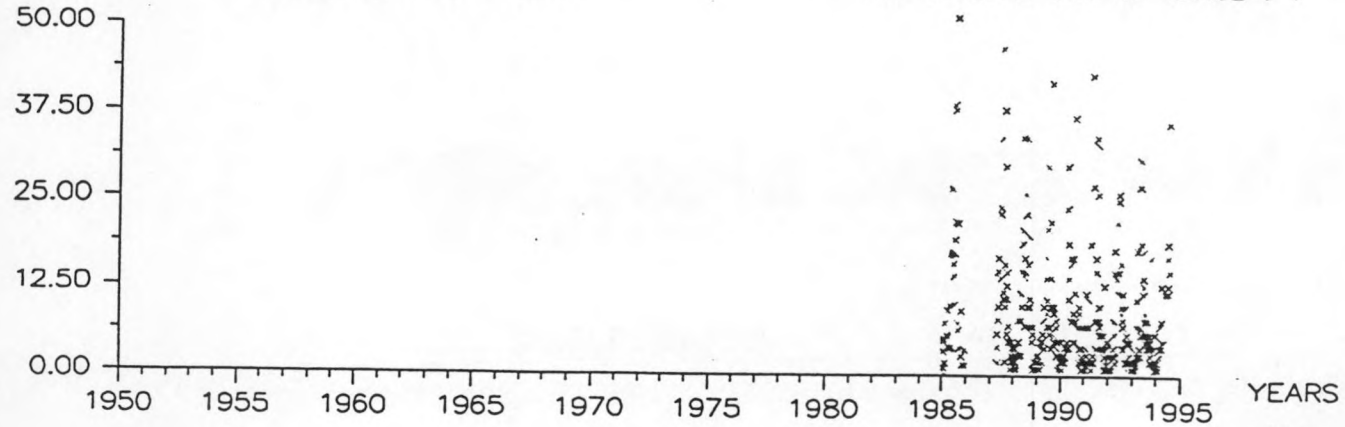
LOWER : 2000

MY G/L ANNUAL CYCLE



MY G/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 1

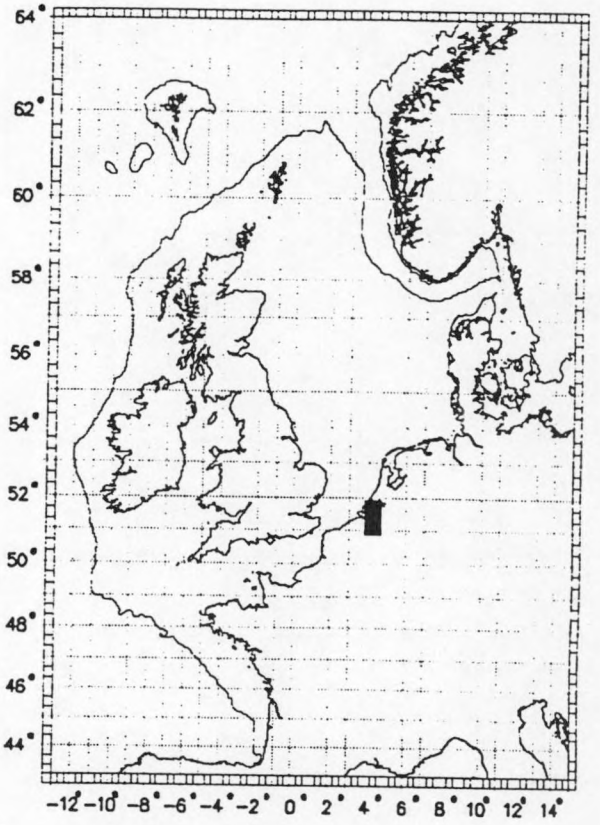


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL—A

PCODE : 4001010701
ENAME : RWS—RIZA
UNITS : MY G/L
NO. OF DATA : 390
NO. OF POSITIONS : 2



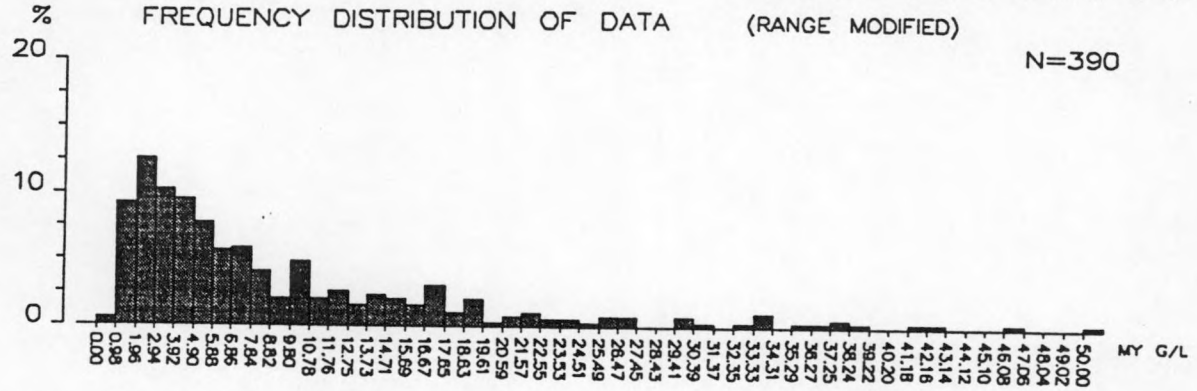
NO. OF DATA/AREA :
(without longterm data series !)

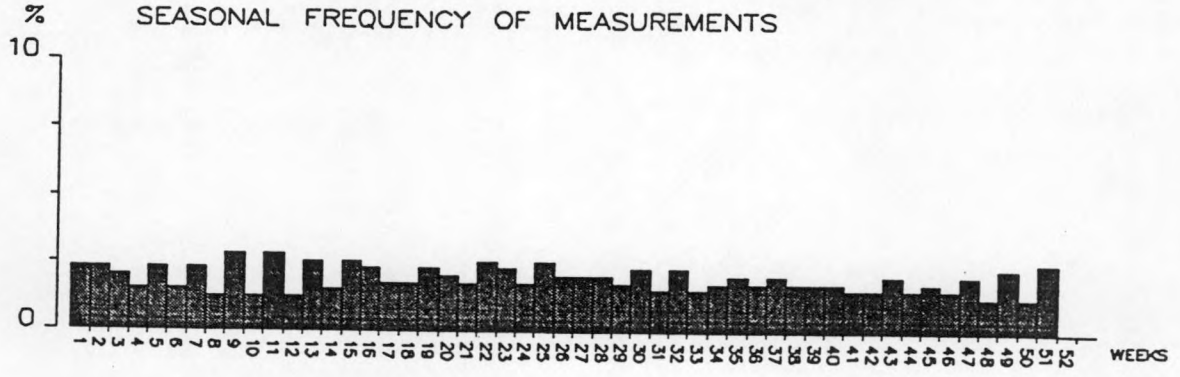
< 198	< 84
< 169	< 56
< 141	< 28
< 113	= 0

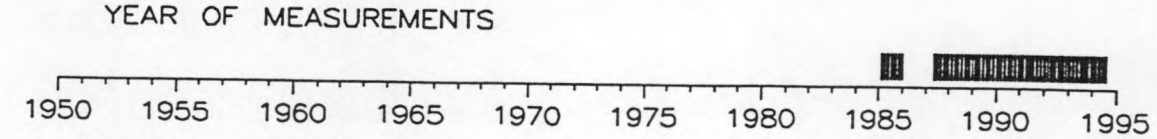
MINIMUM : 0.30
MAXIMUM : 54.30

MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000







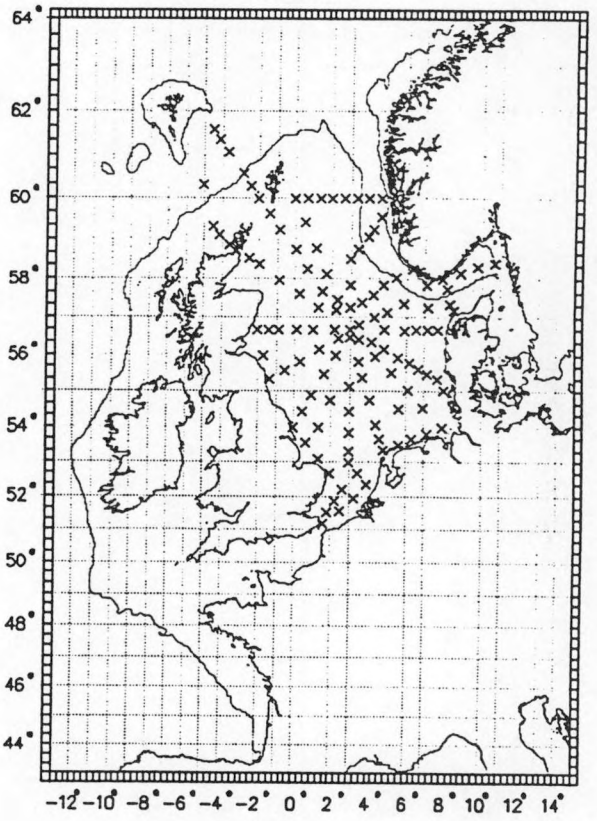
97—06—09

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

CHLOROPHYLL–A

PCODE : 4001010001
ENAME : RWTHS
UNITS : MY G/L
NO. OF POSITIONS : 126
NO. OF DATA : 496
MINIMUM : 0.29
MAXIMUM : 33.89

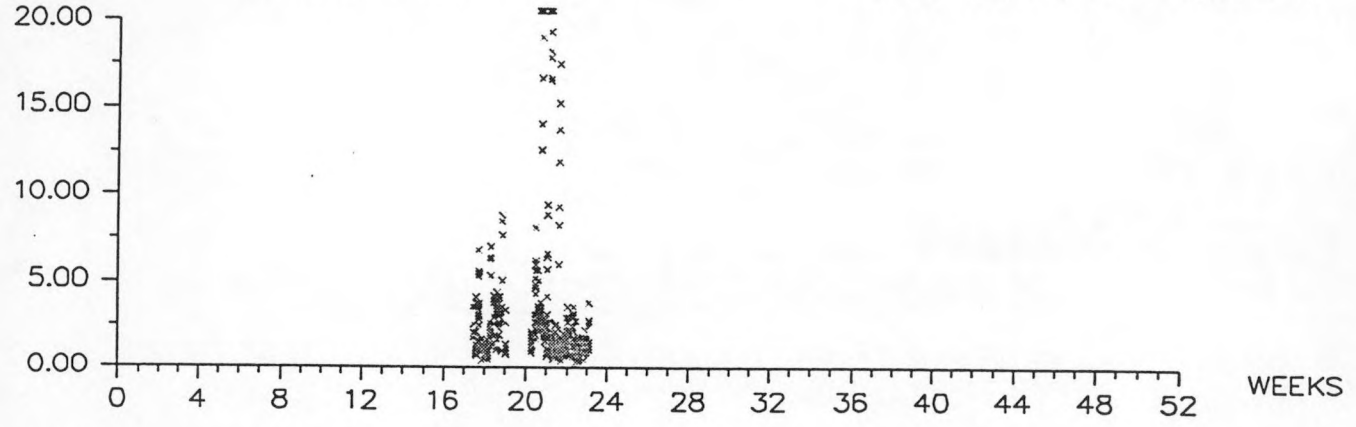


NO. OF DATA OUT OF RANGE : 19

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

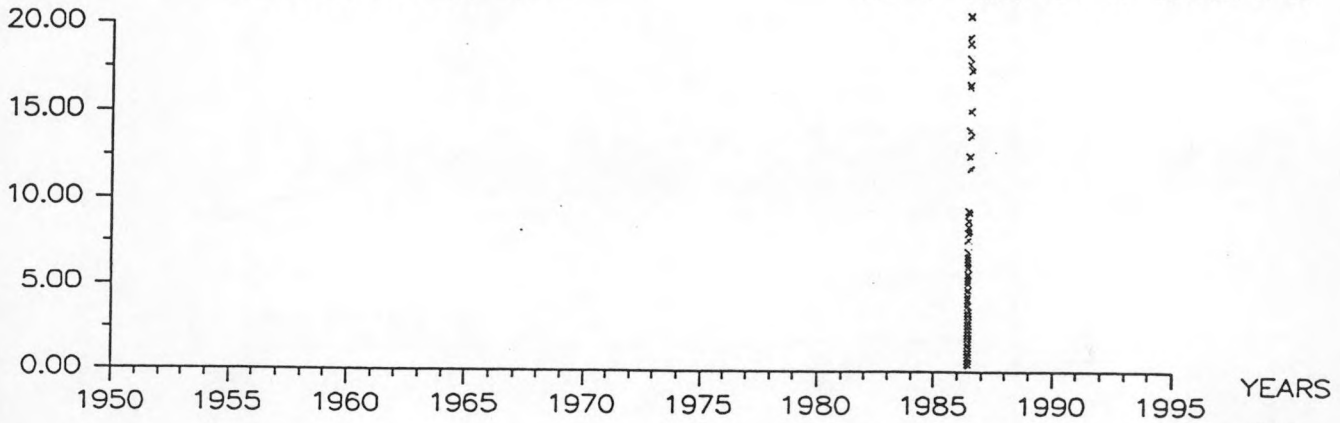
DEPTH–RANGE
UPPER : 0
LOWER : 2000

MY G/L ANNUAL CYCLE



MY G/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 19

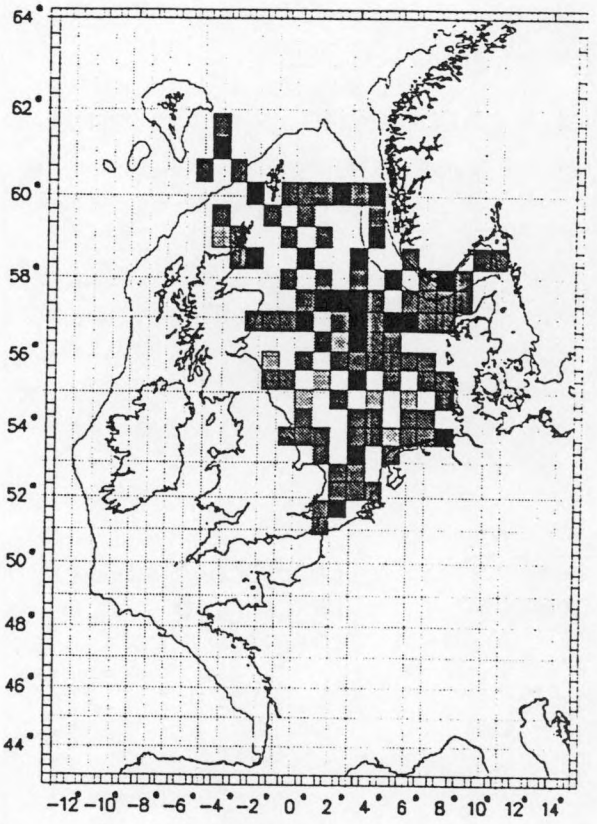


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001010001
ENAME : RWTHS
UNITS : MY G/L
NO. OF DATA : 496
NO. OF POSITIONS : 126



NO. OF DATA/AREA :
(without longterm data series !)

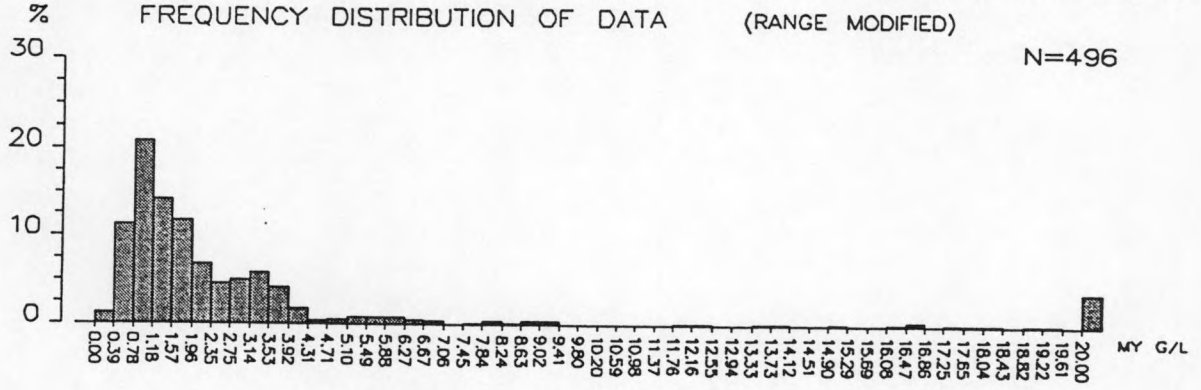
< 12
< 10
< 8
< 6

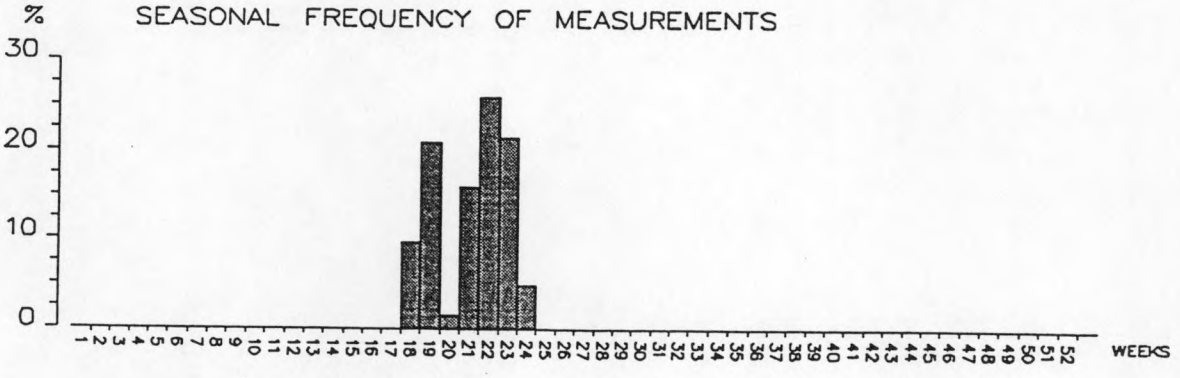
< 5
< 3
< 1
= 0

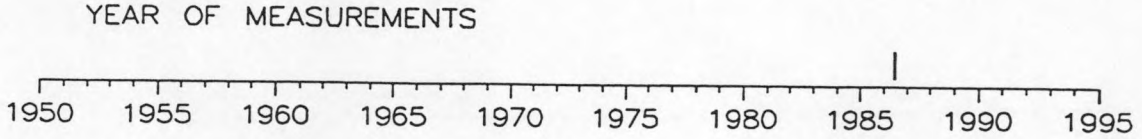
MINIMUM : 0.29
MAXIMUM : 33.89

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







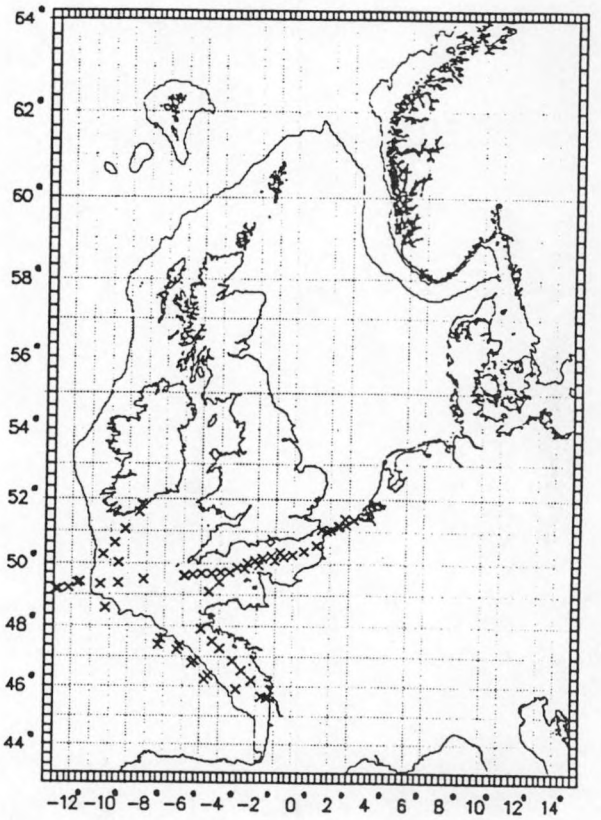
96–10–03

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

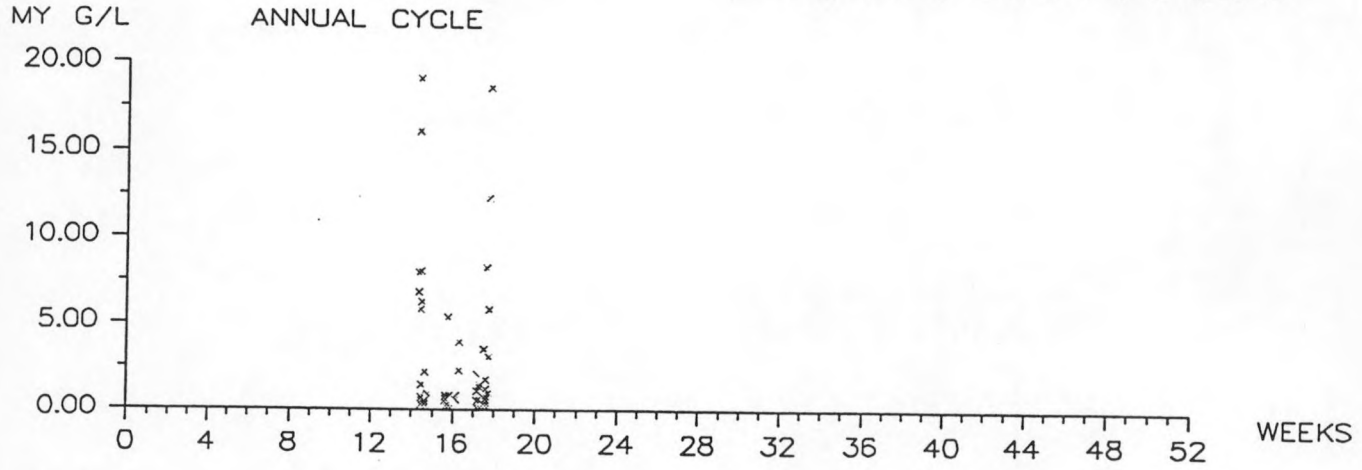
CHLOROPHYLL–A

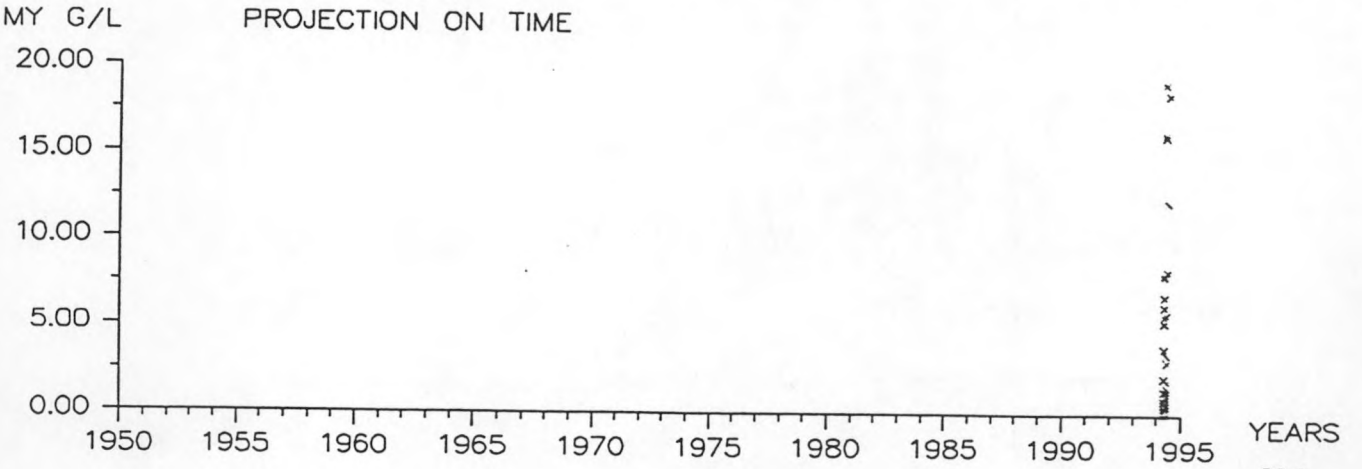
PCODE : 4001012001
ENAME : Frankignoulle, M. and .
UNITS : MY G/L
NO. OF POSITIONS : 63
NO. OF DATA : 63
MINIMUM : 0.00
MAXIMUM : 19.09



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





96–10–03

ECOMOD — PARAMETER — REPORT

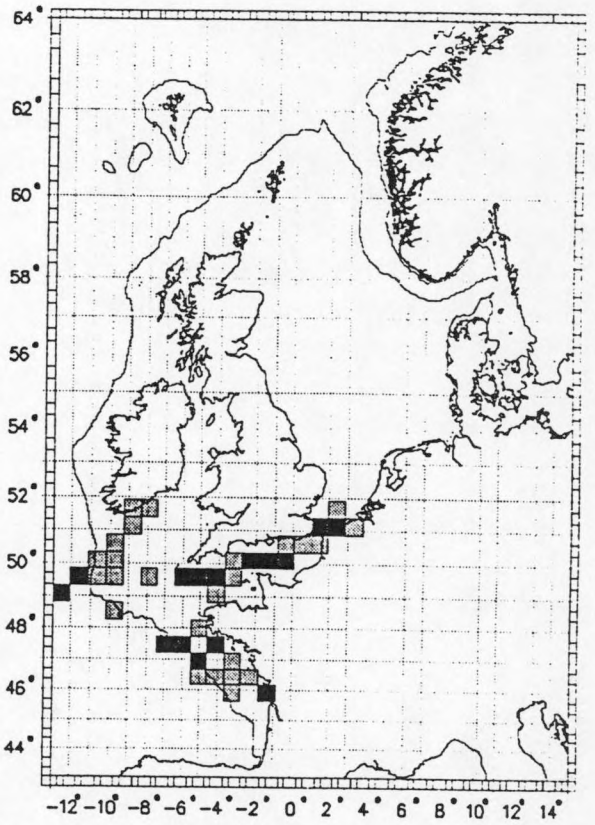
SAMPLING FREQUENCY IN SPACE AND TIME

CHLOROPHYLL–A

PCODE : 4001012001
ENAME : Frankignoulle, M. and .
UNITS : MY G/L
NO. OF DATA : 63
NO. OF POSITIONS : 63

NO. OF DATA/AREA :
(without longterm data series !)

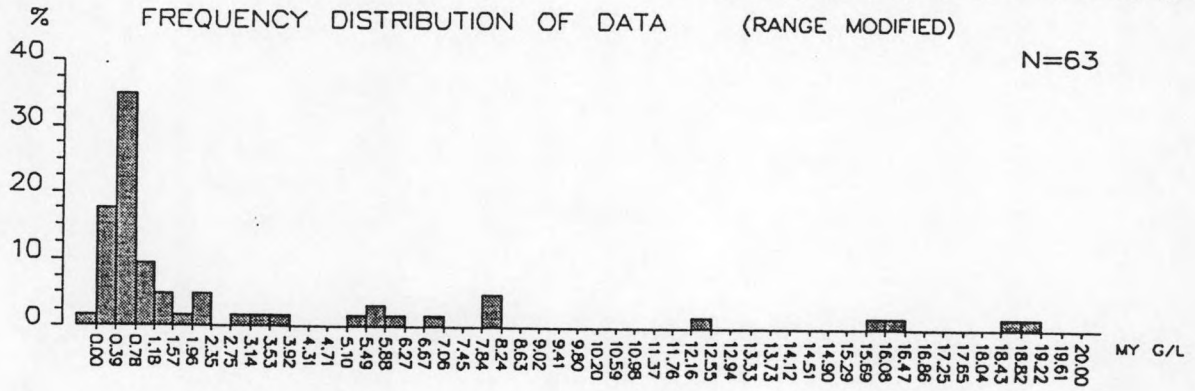
4	< 1
3	< 1
2	< 0
< 2	= 0

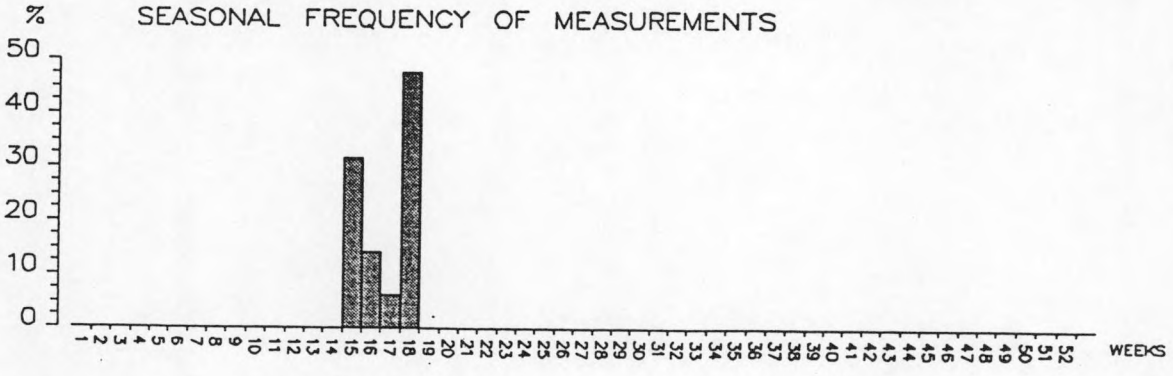


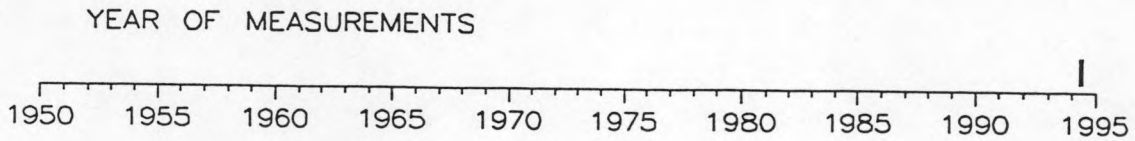
MINIMUM : 0.00
MAXIMUM : 19.09

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







96–10–03

6.9 Particulate suspended matter

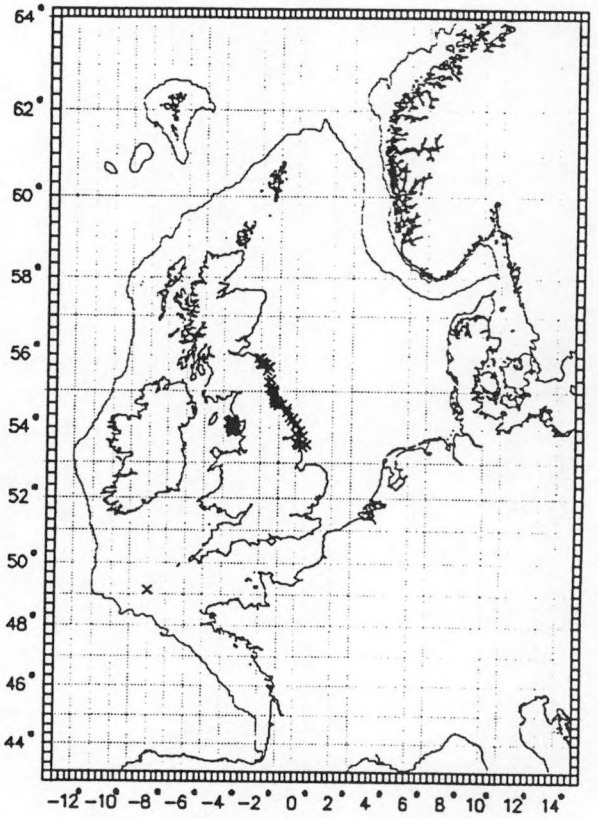
PCODE	Originator	Number of data
6077130101	BODC	5128
6077131201	BODC / Lowry, R.	89982
6077135601	BODC / Lowry, R.	3901
6077136001	BODC / Lowry, R.	896
6077131401	BSH / Becker, G.	4654
6077131501	BSH / Becker, G.	325
6077131601	BSH / Becker, G.	513
6077131701	BSH / Becker, G.	224
6077131301	CRESO / Castaing, P., Froidefond, J.M.	2794
6077131301	CRESO / Castaing, P., Jouanneau, J.M.	14735
6077131301	CRESO / Castaing, P.	26
6077134401	ESU / Wilson, J.	150
6077130001	GPI / Schroeder, M.	409
6077132001	IFBM / Hoelemann, J.	122
6077133401	MUMM_O	2009
6077132201	NIOZ / Eisma, D.	52
6077132401	NIOZ / Eisma, D.	991
6077132601	NIOZ / Eisma, D.	56
6077132001	PML / Howland, R.	240
6077134301	RWS / Laane, R.	8477
6077130001	RWS / Laane, R.	14355
6077134301	RWS-RIZA	466
6077130001	RWS-RIZA	553

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077130101
ENAME : BODC
UNITS : MG/L
NO. OF POSITIONS : 166
NO. OF DATA : 5128
MINIMUM : 0.00
MAXIMUM : 120.90

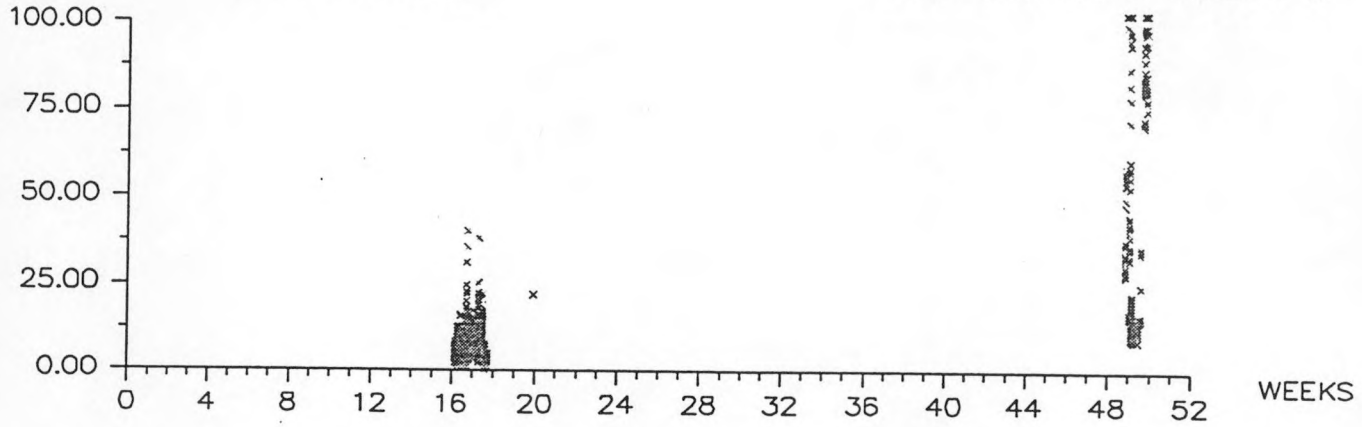


MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

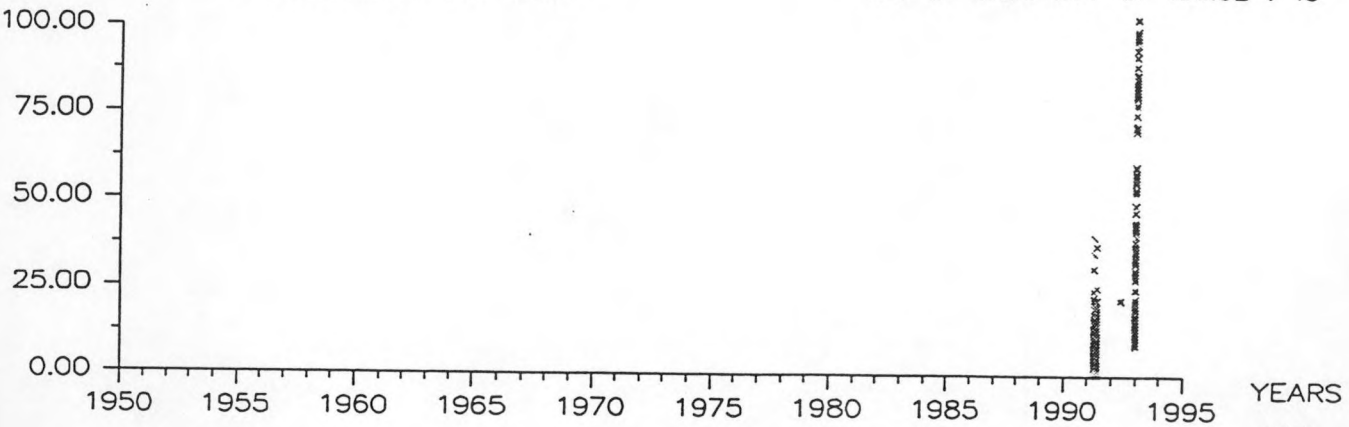
MG/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 15



MG/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 15



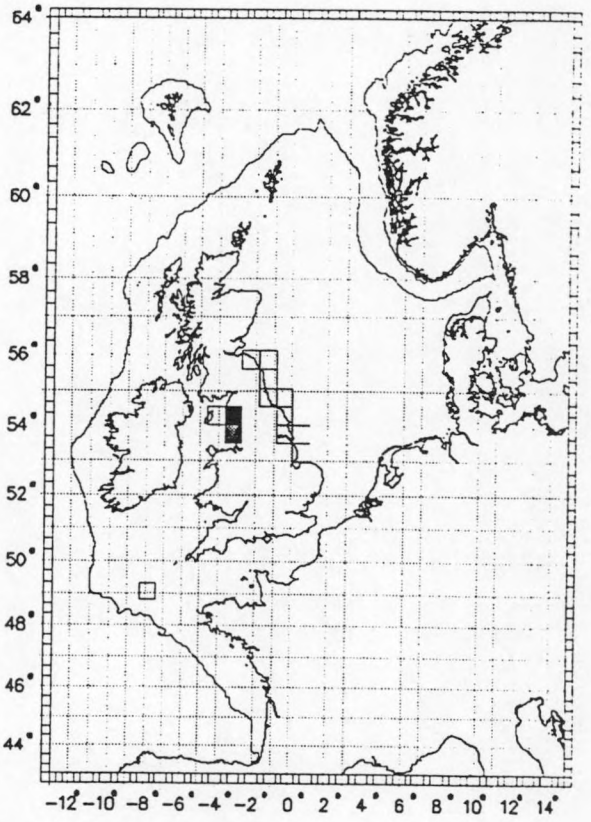
96–10–02

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077130101
ENAME : BODC
UNITS : MG/L
NO. OF DATA : 5128
NO. OF POSITIONS : 166



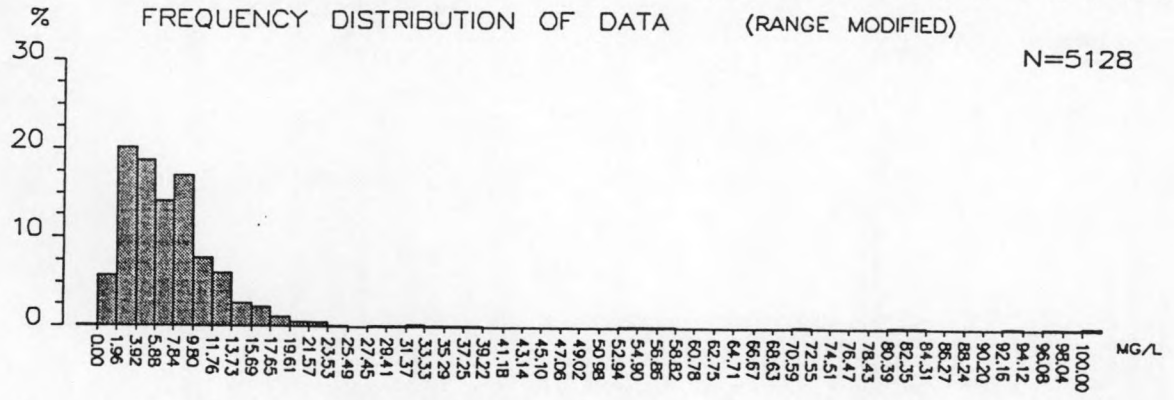
NO. OF DATA/AREA :
(without longterm data series !)

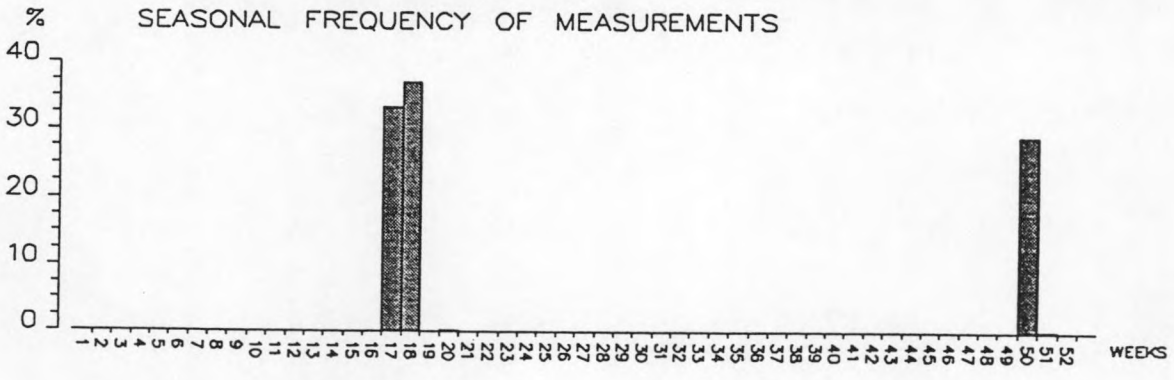
< 2608	< 1117
< 2235	< 745
< 1862	< 372
< 1490	= 0

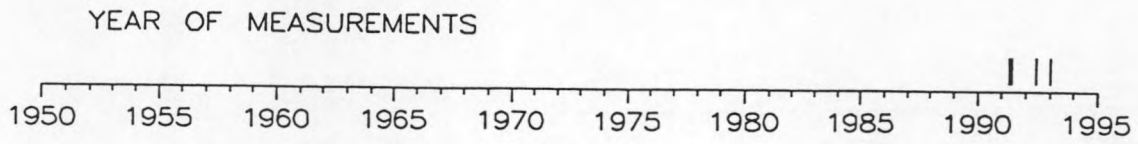
MINIMUM : 0.00
MAXIMUM : 120.90

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077131201

ENAME : BODC/Lowry, R.

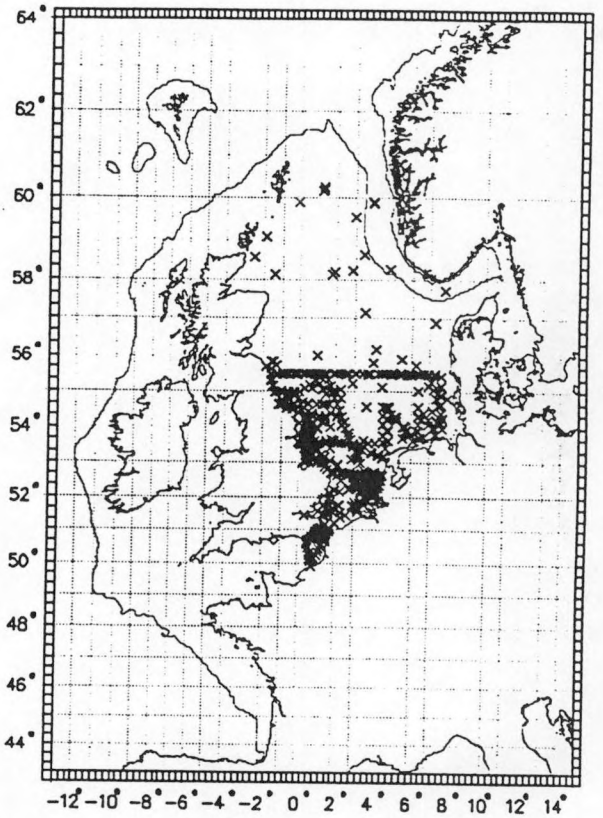
UNITS : MG/L

NO. OF POSITIONS : 2291

NO. OF DATA : 89982

MINIMUM : 0.00

MAXIMUM : 85.50



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

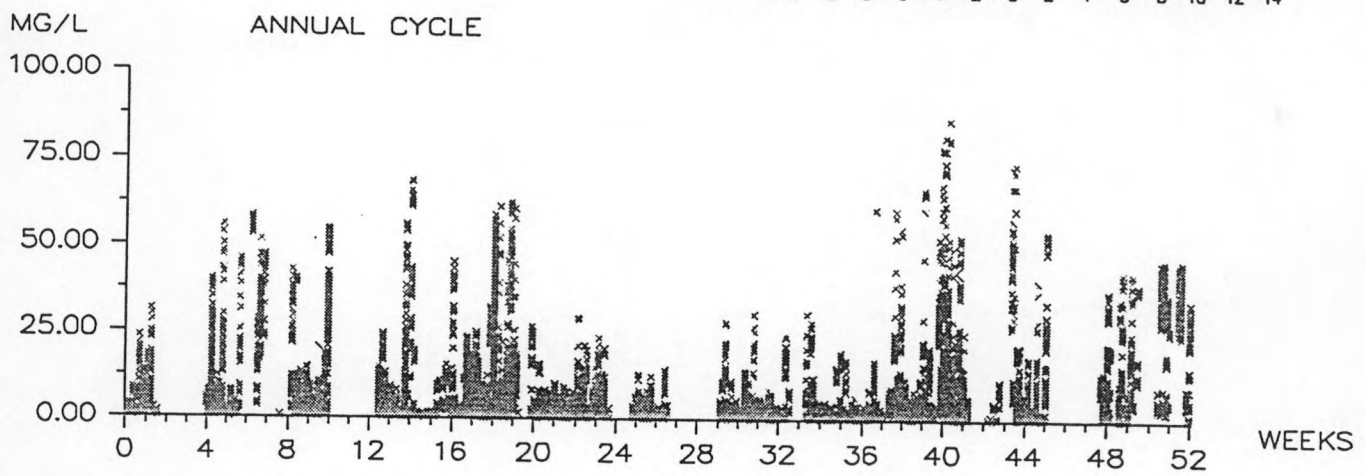
FIRST WEEK : 1

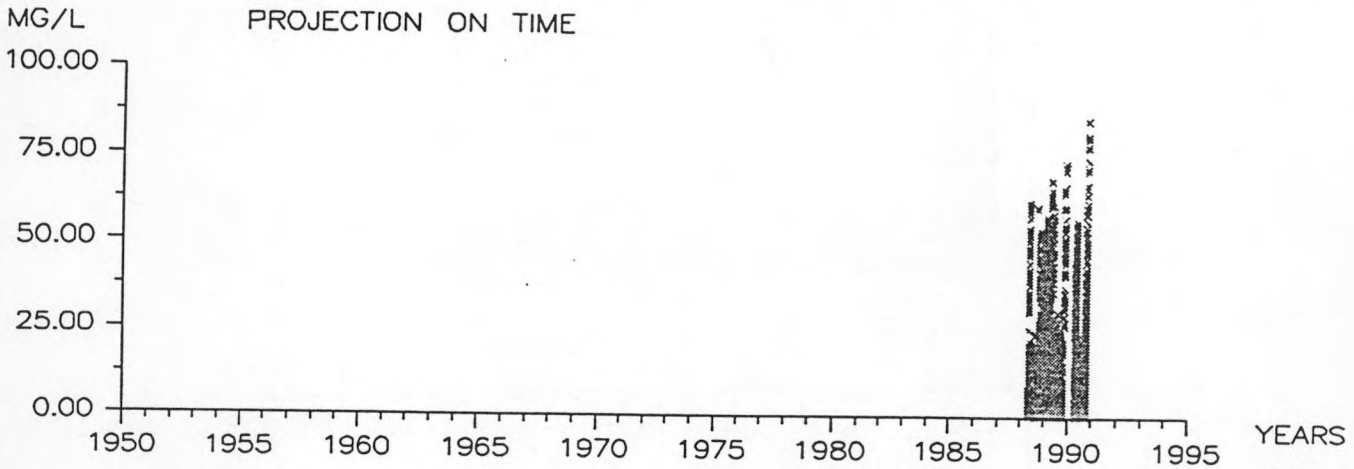
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





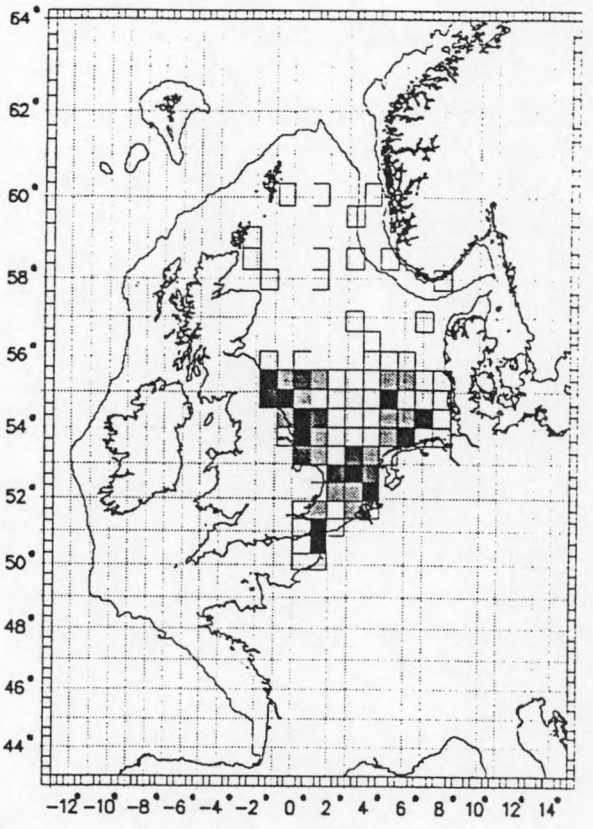
96–10–02

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077131201
ENAME : BODC/Lowry, R.
UNITS : MG/L
NO. OF DATA : 89982
NO. OF POSITIONS : 2291



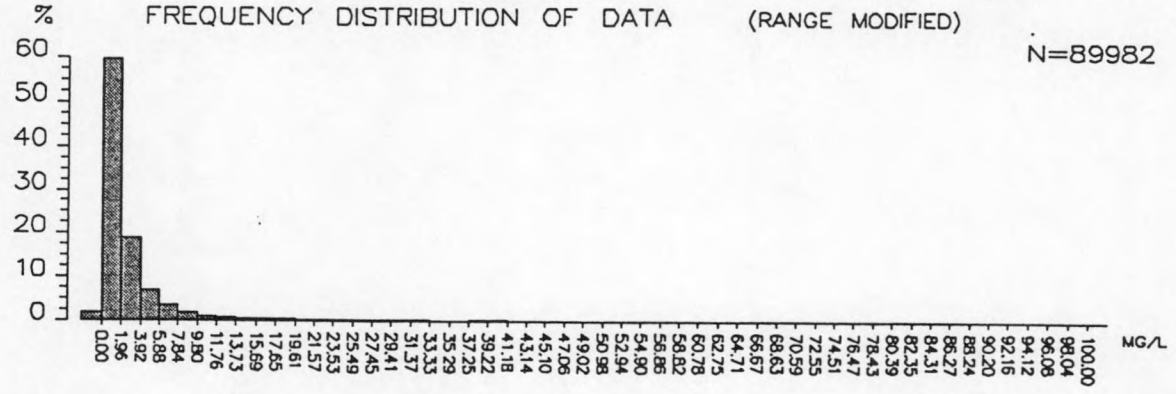
NO. OF DATA/AREA :
(without longterm data series !)

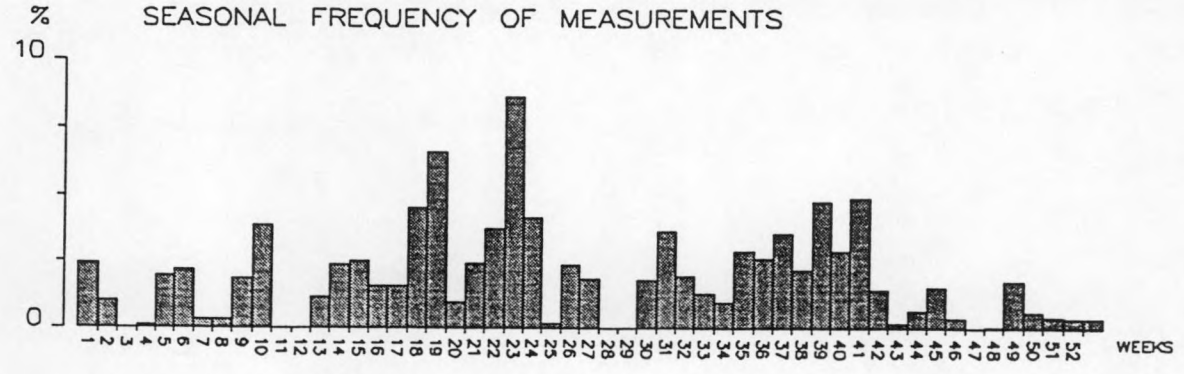
< 5700	< 2442
< 4885	< 1628
< 4071	< 814
< 3257	= 0

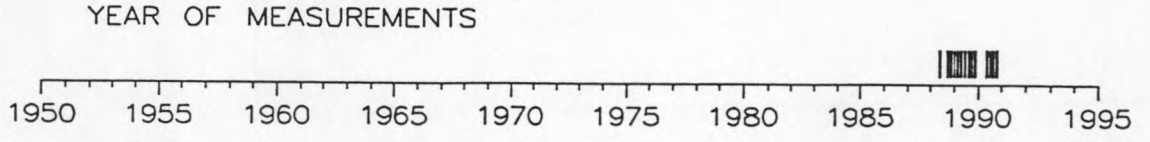
MINIMUM : 0.00
MAXIMUM : 85.50

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077135601

ENAME : BODC/Lowry, R.

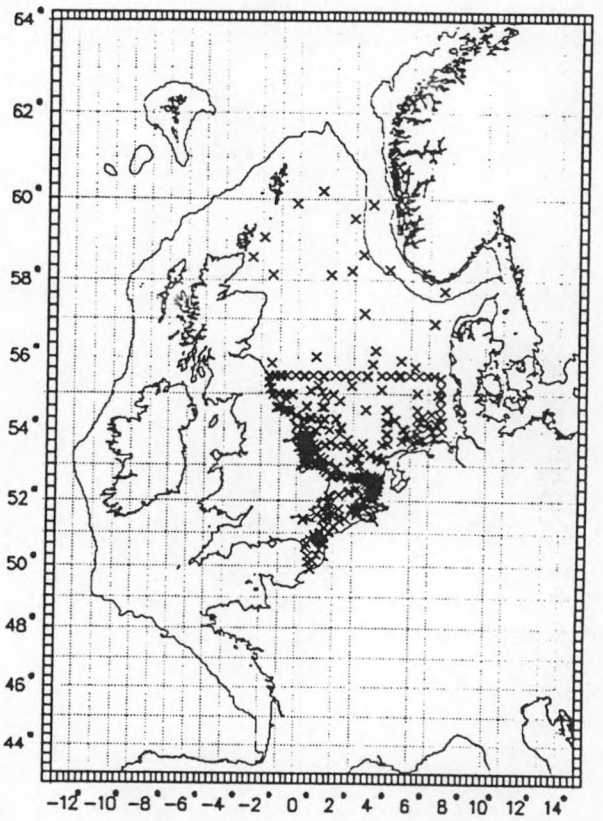
UNITS : MG/L

NO. OF POSITIONS : 1285

NO. OF DATA : 3901

MINIMUM : 0.01

MAXIMUM : 406.00



NO. OF DATA OUT OF RANGE : 31

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

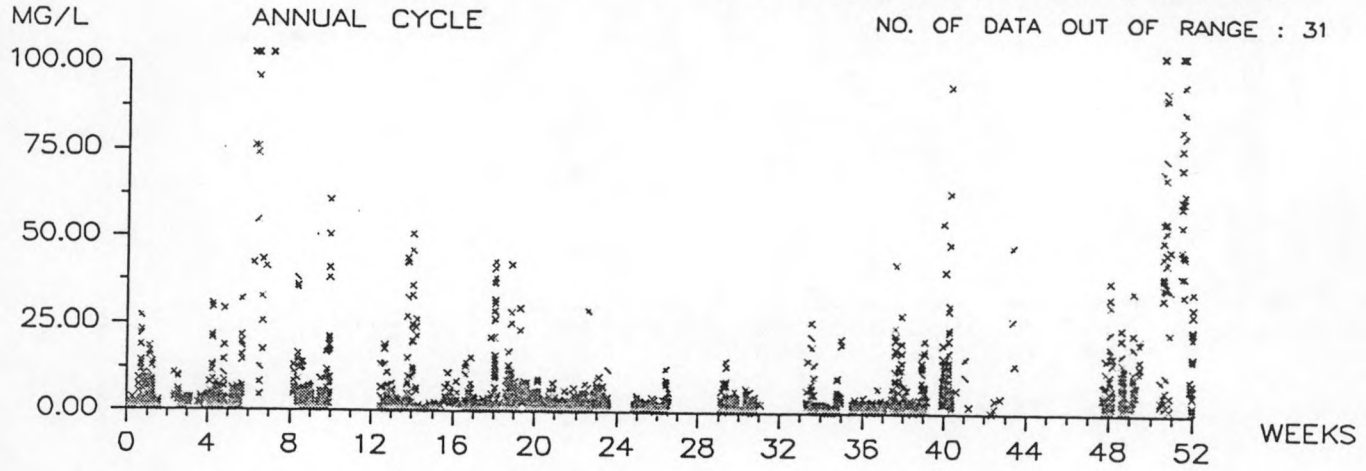
FIRST WEEK : 1

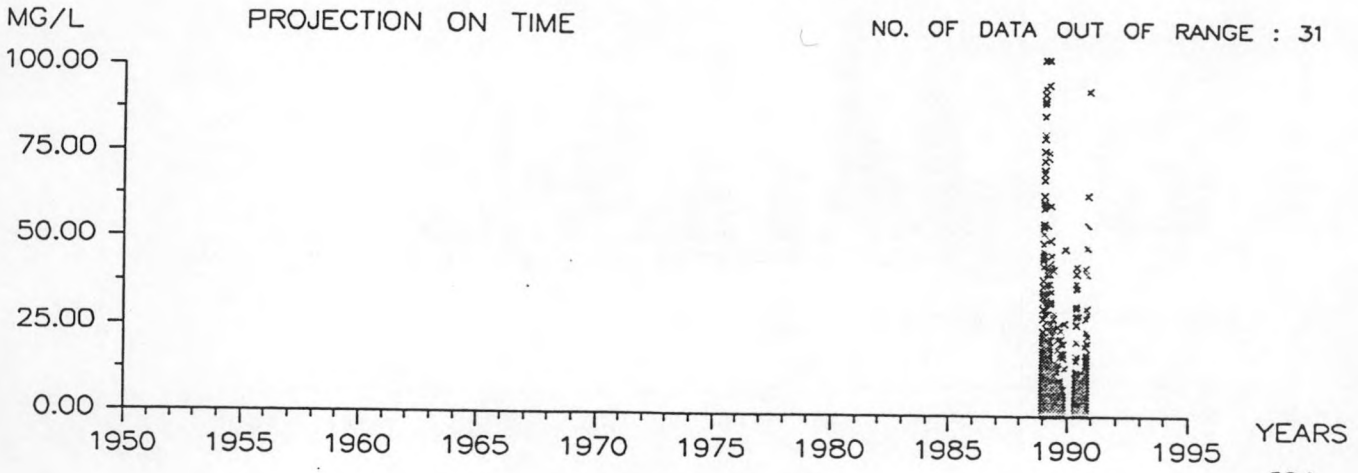
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





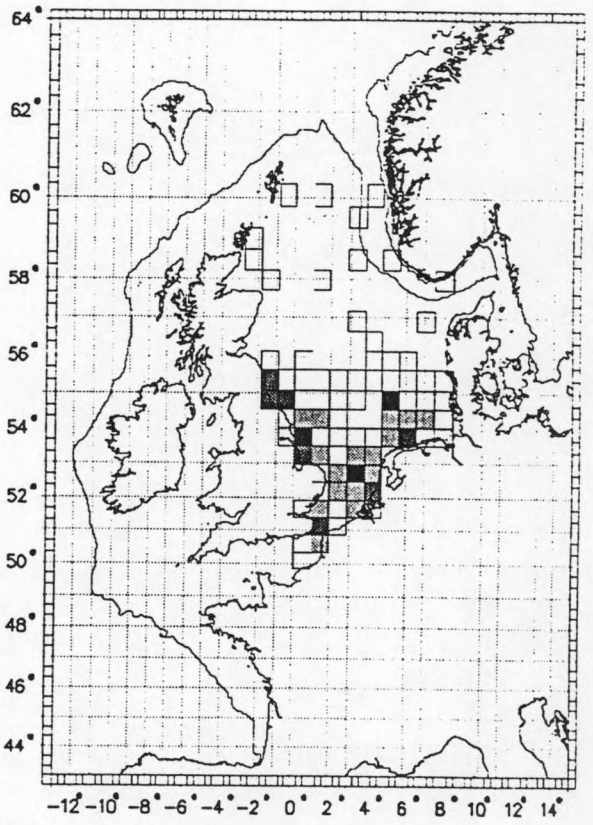
96–10–02

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077135601
ENAME : BODC/Lowry, R.
UNITS : MG/L
NO. OF DATA : 3901
NO. OF POSITIONS : 1285



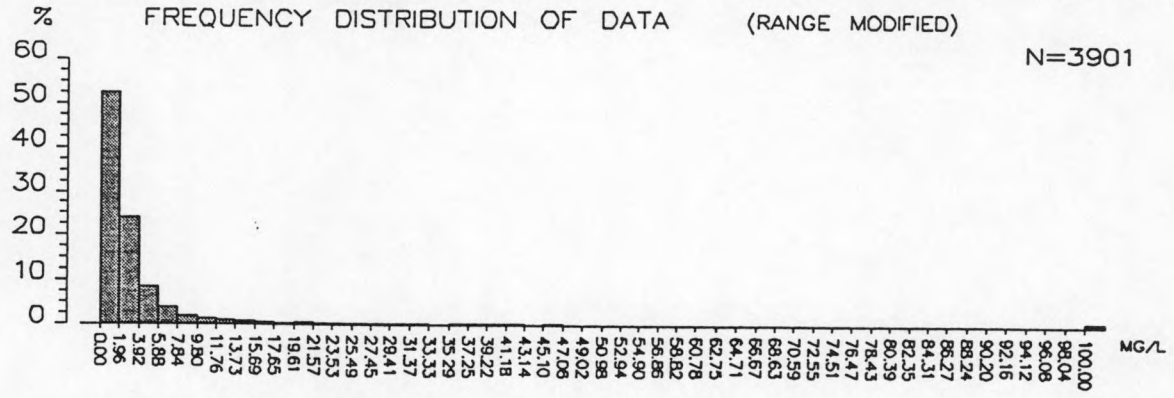
NO. OF DATA/AREA :
(without longterm data series !)

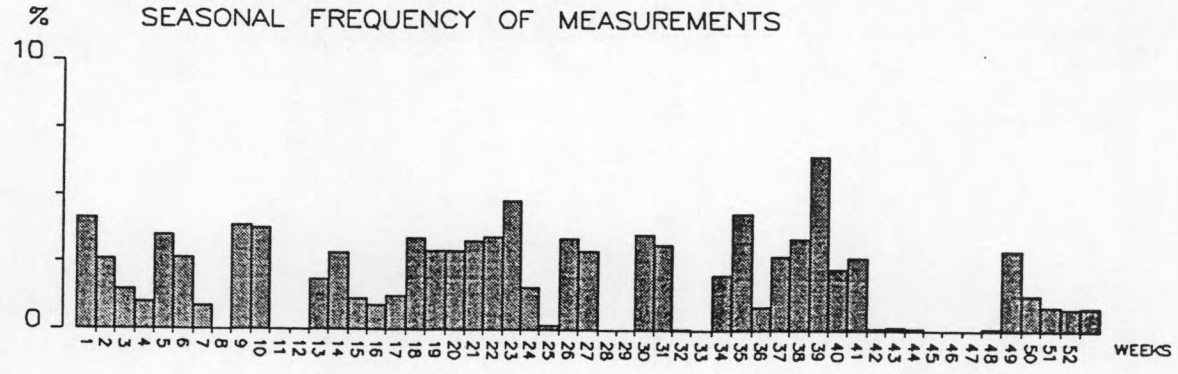
< 400	< 171
< 342	< 114
< 285	< 57
< 228	= 0

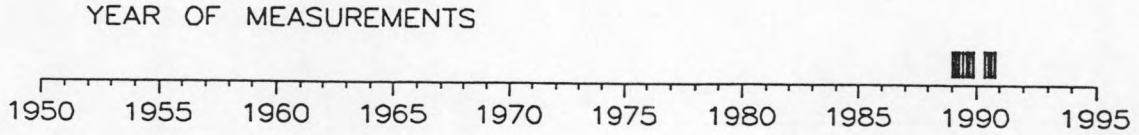
MINIMUM : 0.01
MAXIMUM : 406.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







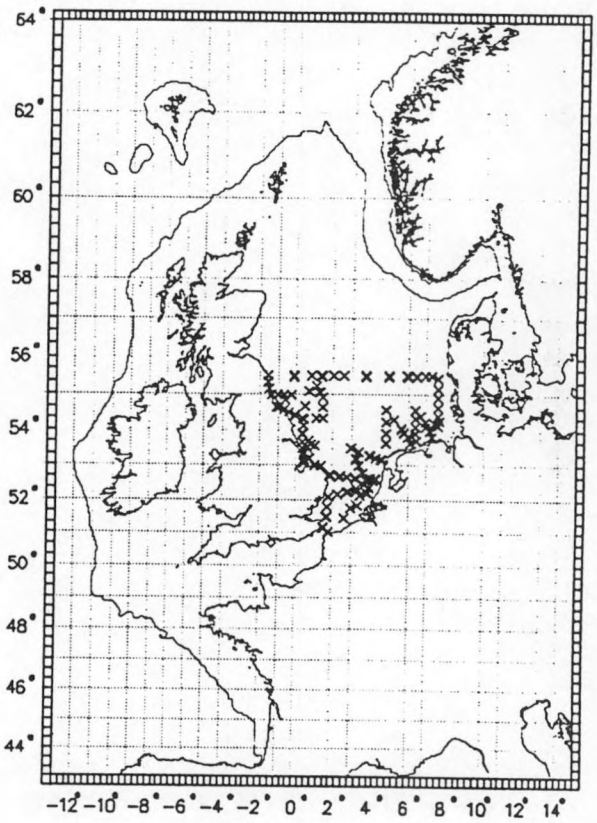
96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

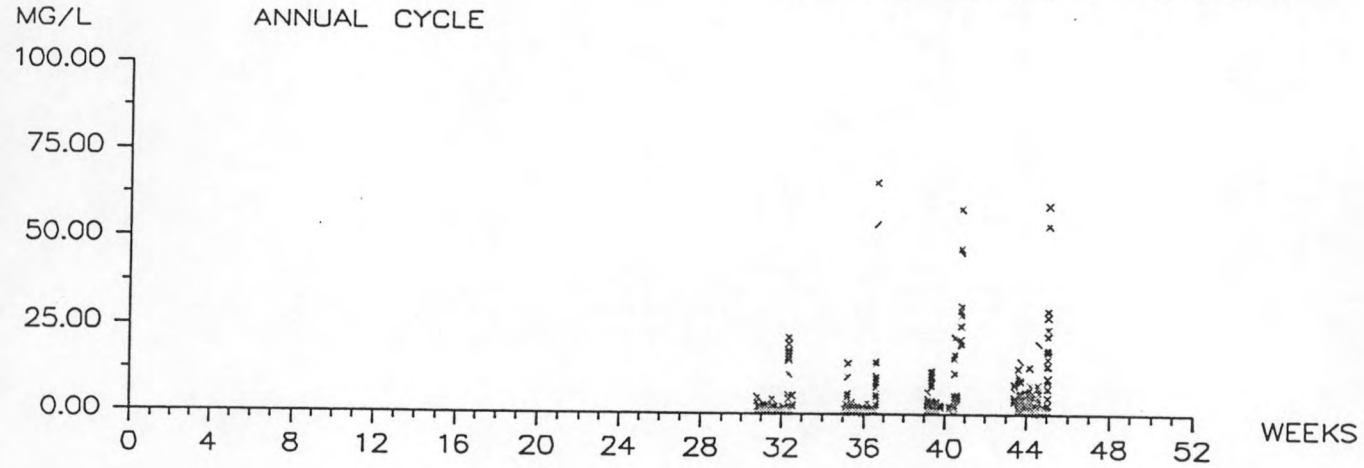
SPM

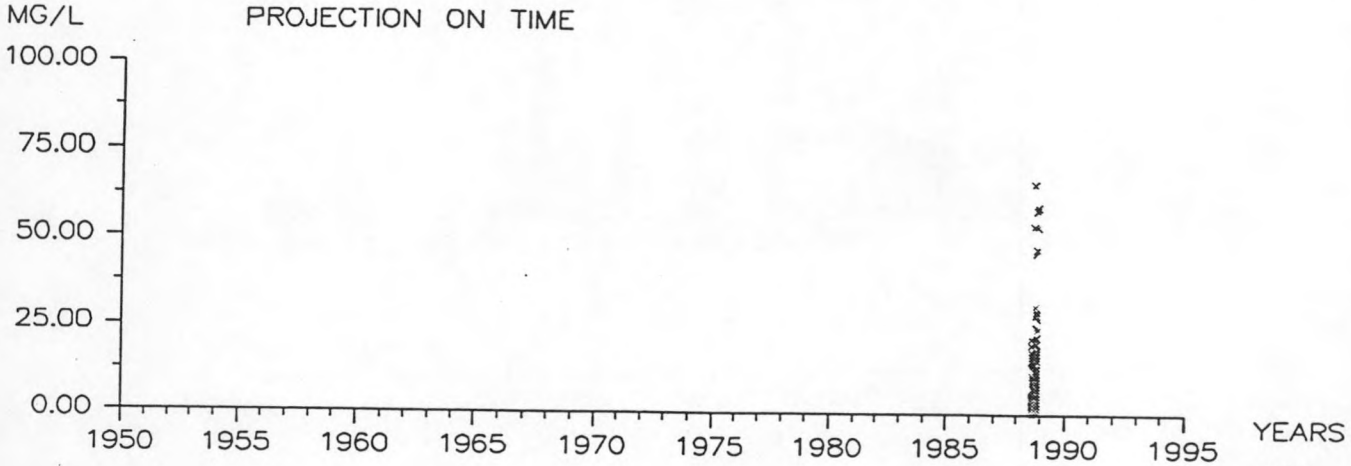
PCODE : 6077136001
ENAME : BODC/Lowry, R.
UNITS : MG/L
NO. OF POSITIONS : 303
NO. OF DATA : 896
MINIMUM : 0.00
MAXIMUM : 66.00



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



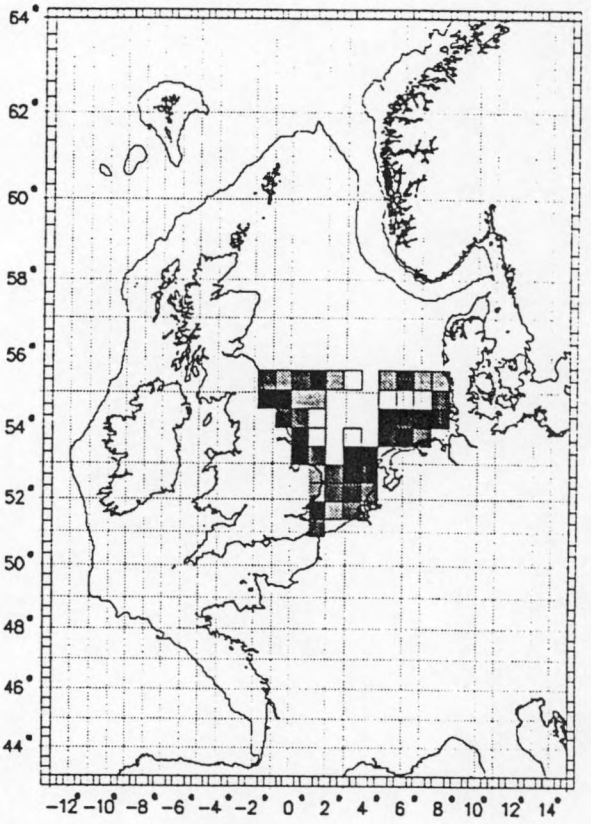


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077136001
ENAME : BODC/Lowry, R.
UNITS : MG/L
NO. OF DATA : 896
NO. OF POSITIONS : 303



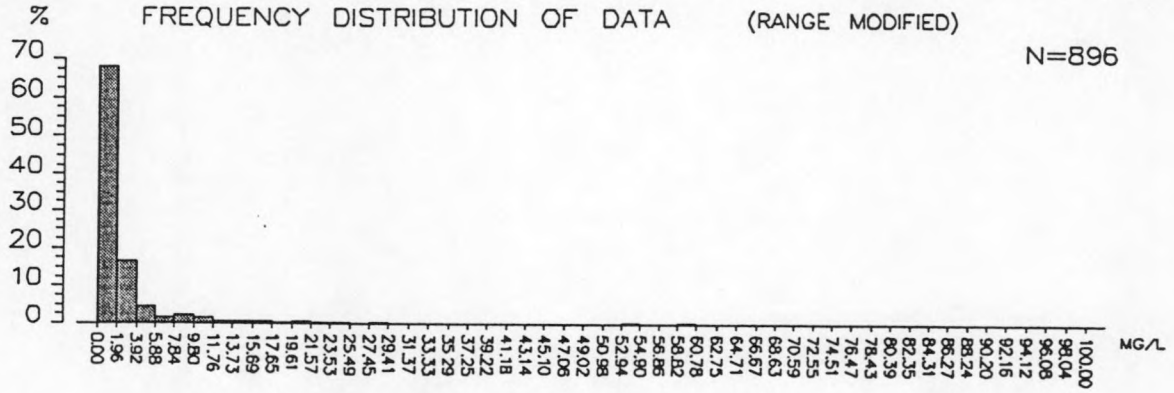
NO. OF DATA/AREA :
(without longterm data series !)

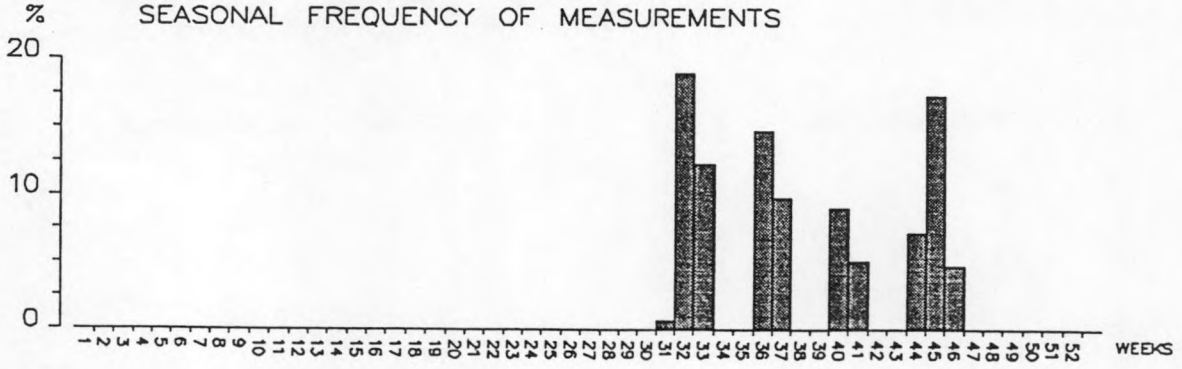
< 47	< 20
< 40	< 13
< 33	< 6
< 26	= 0

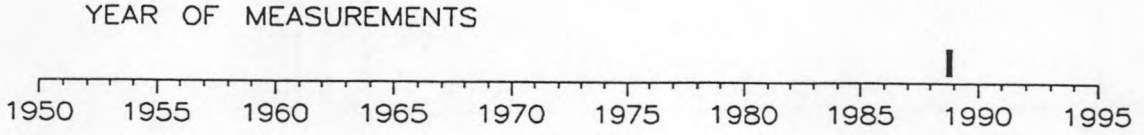
MINIMUM : 0.00
MAXIMUM : 66.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077131401

ENAME : BSH/Becker, G.

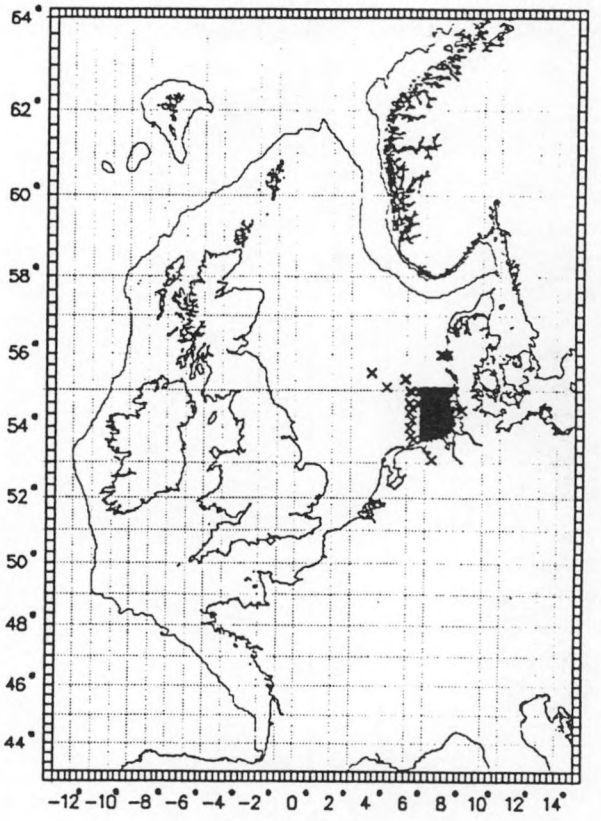
UNITS : MG/L

NO. OF POSITIONS : 500

NO. OF DATA : 4654

MINIMUM : 0.10

MAXIMUM : 138.10



NO. OF DATA OUT OF RANGE : 3

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

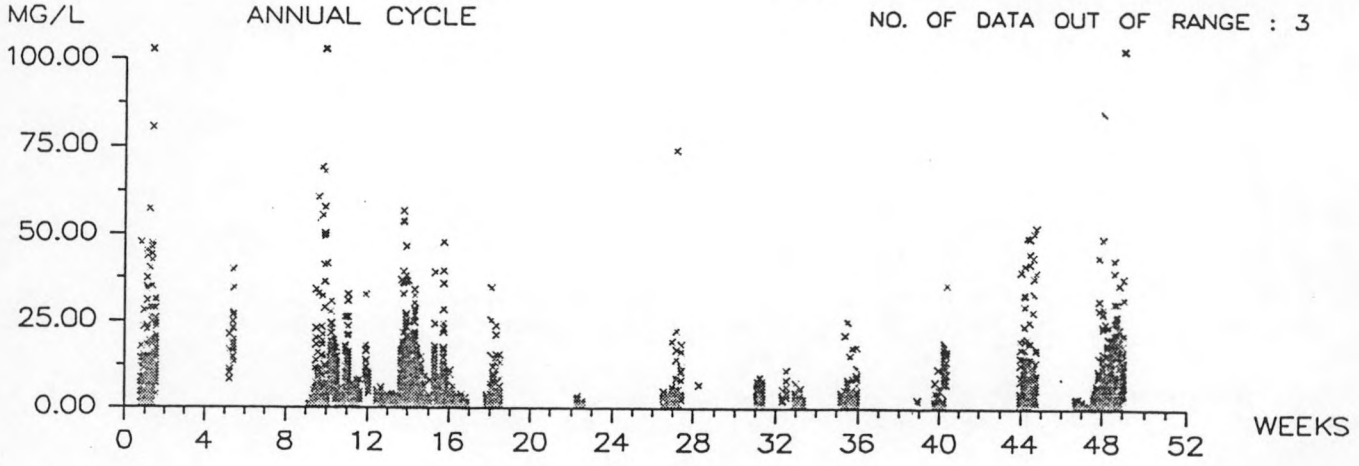
FIRST WEEK : 1

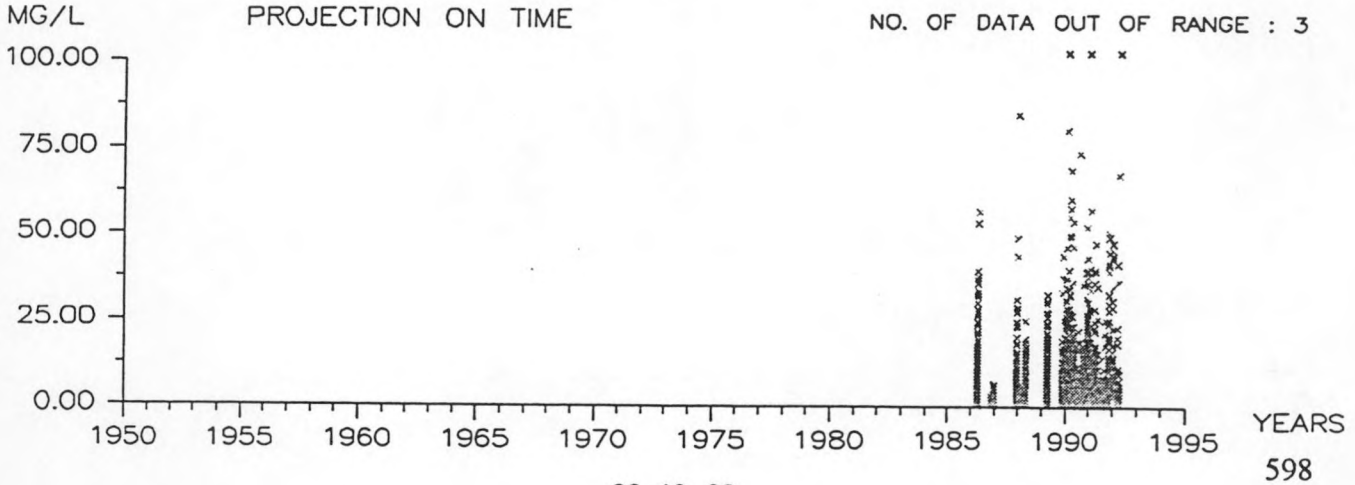
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





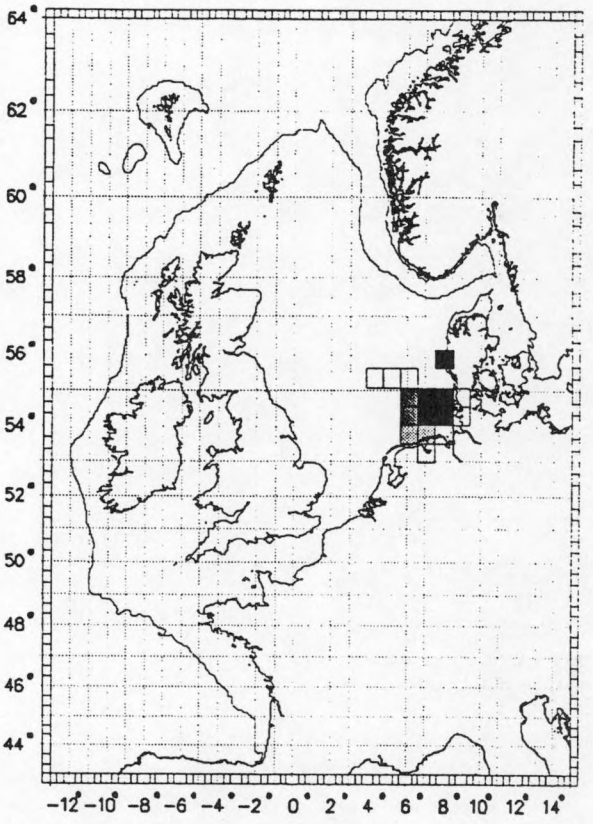
96–10–02

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077131401
ENAME : BSH/Becker, G.
UNITS : MG/L
NO. OF DATA : 4654
NO. OF POSITIONS : 500



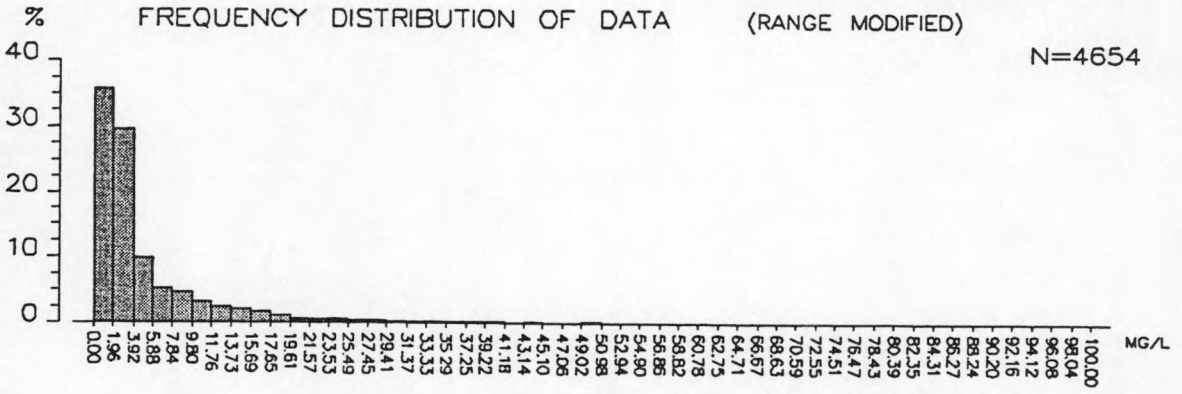
NO. OF DATA/AREA :
(without longterm data series !)

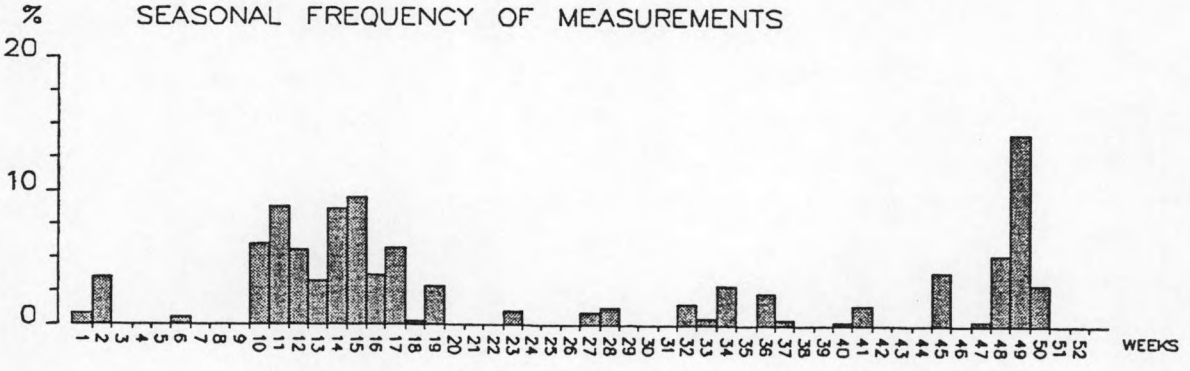
< 707	< 303
< 606	< 202
< 505	< 101
< 404	= 0

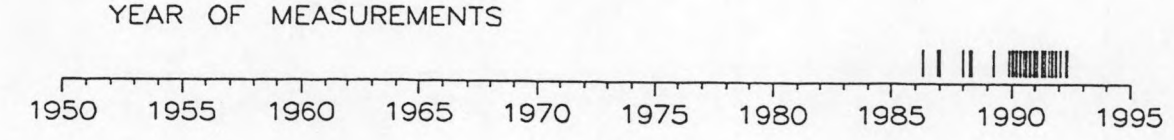
MINIMUM : 0.10
MAXIMUM : 138.10

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077131501

ENAME : BSH/Becker, G.

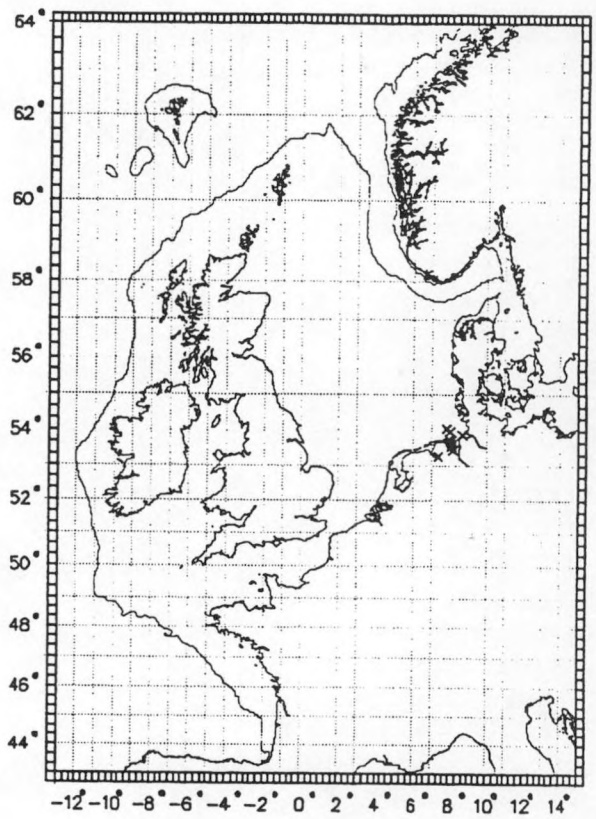
UNITS : MG/L

NO. OF POSITIONS : 9

NO. OF DATA : 325

MINIMUM : 1.10

MAXIMUM : 330.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

LAST WEEK : 53

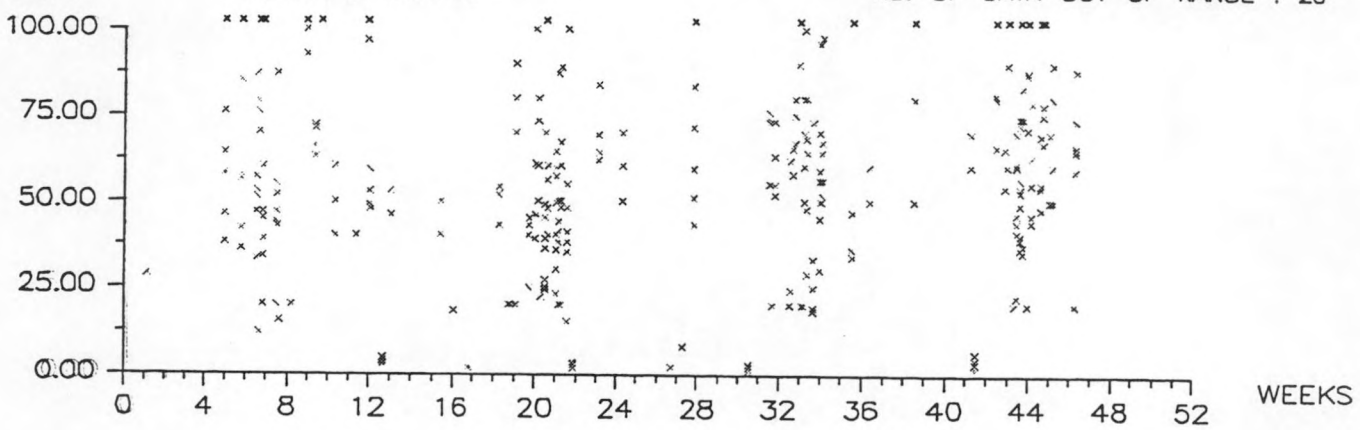
DEPTH–RANGE

UPPER : 0

LOWER : 2000

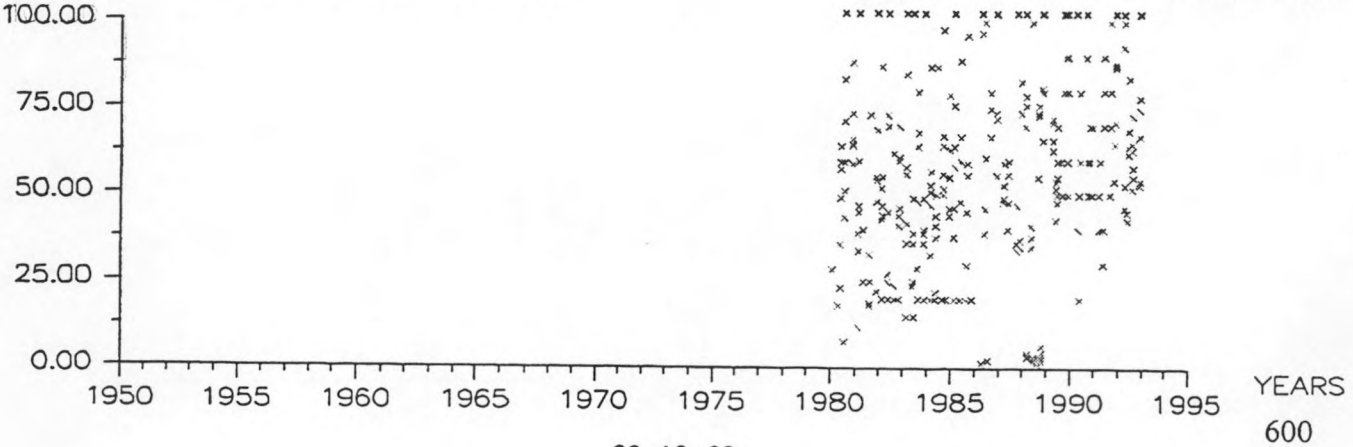
MG/L ANNUAL CYCLE

NO. OF DATA OUT OF RANGE : 26



MG/L PROJECTION ON TIME

NO. OF DATA OUT OF RANGE : 26



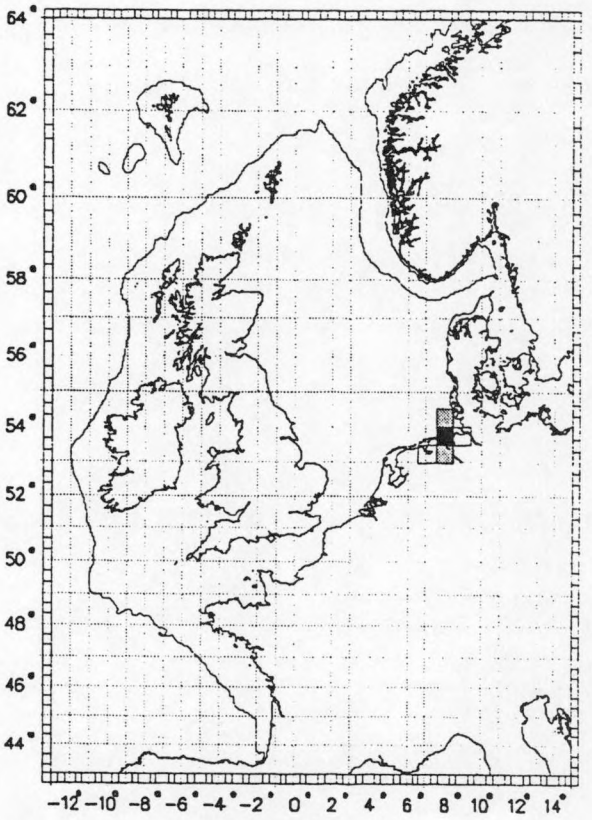
96–10–02

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077131501
ENAME : BSH/Becker, G.
UNITS : MG/L
NO. OF DATA : 325
NO. OF POSITIONS : 9



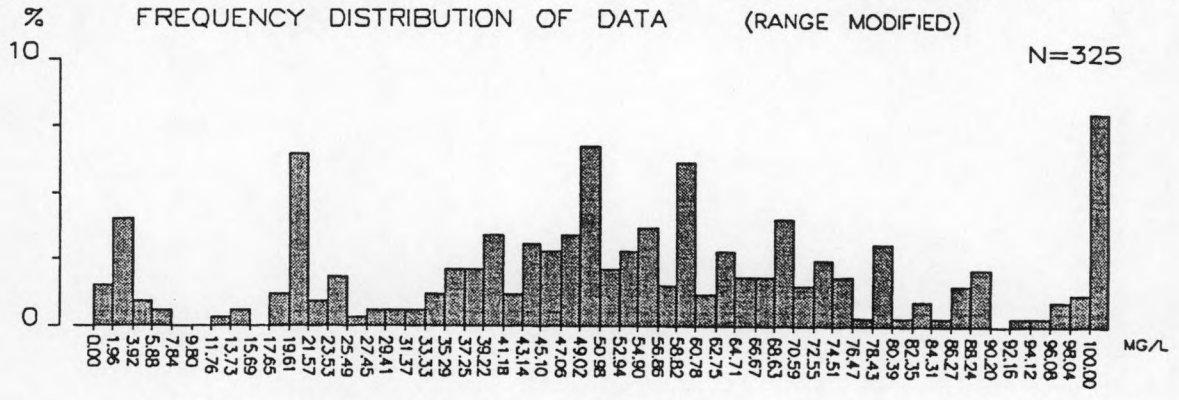
NO. OF DATA/AREA :
(without longterm data series !)

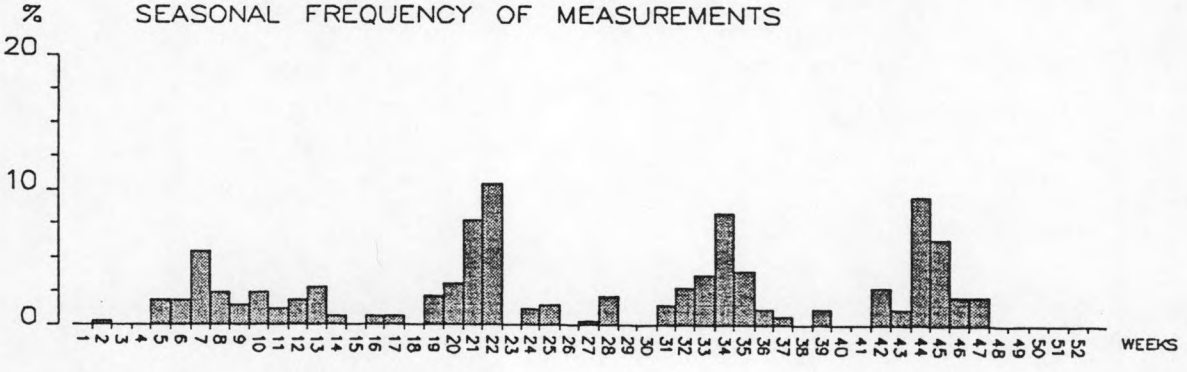
< 188	< 80
< 161	< < 53
< 134	< < < 26
< 107	= 0

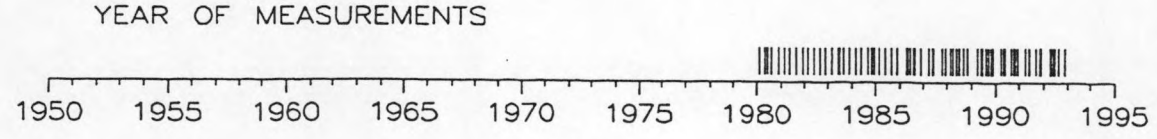
MINIMUM : 1.10
MAXIMUM : 330.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077131601

ENAME : BSH/Becker, G.

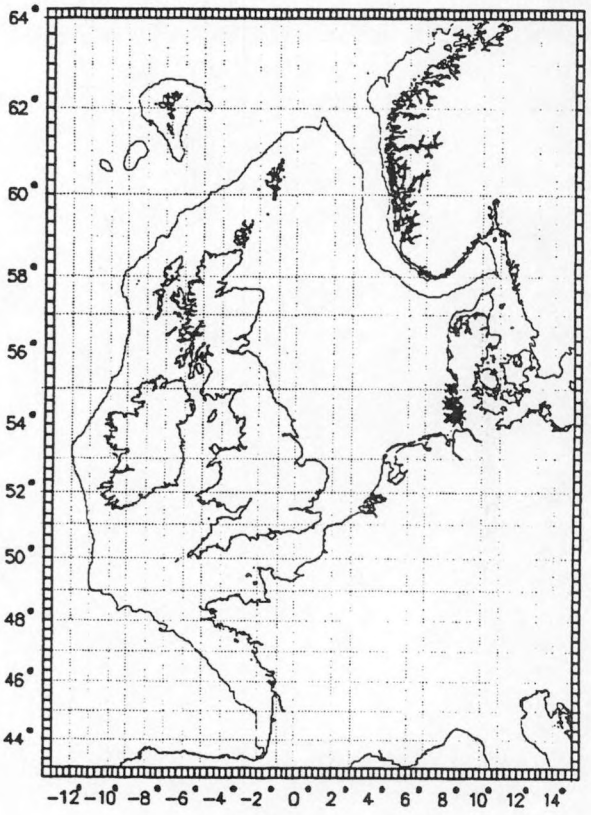
UNITS : MG/L

NO. OF POSITIONS : 28

NO. OF DATA : 513

MINIMUM : 1.00

MAXIMUM : 454.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

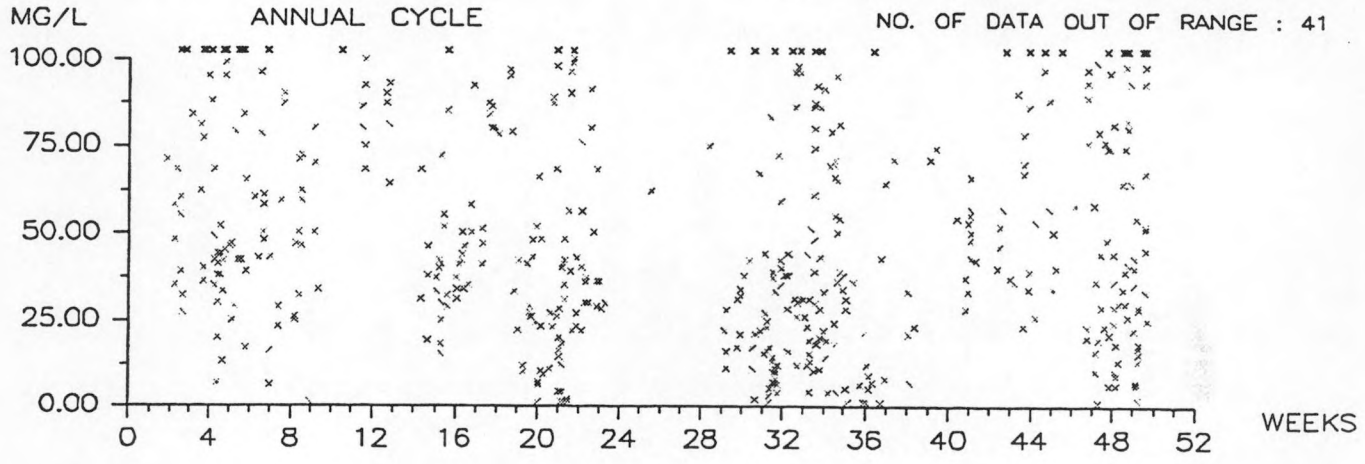
FIRST WEEK : 1

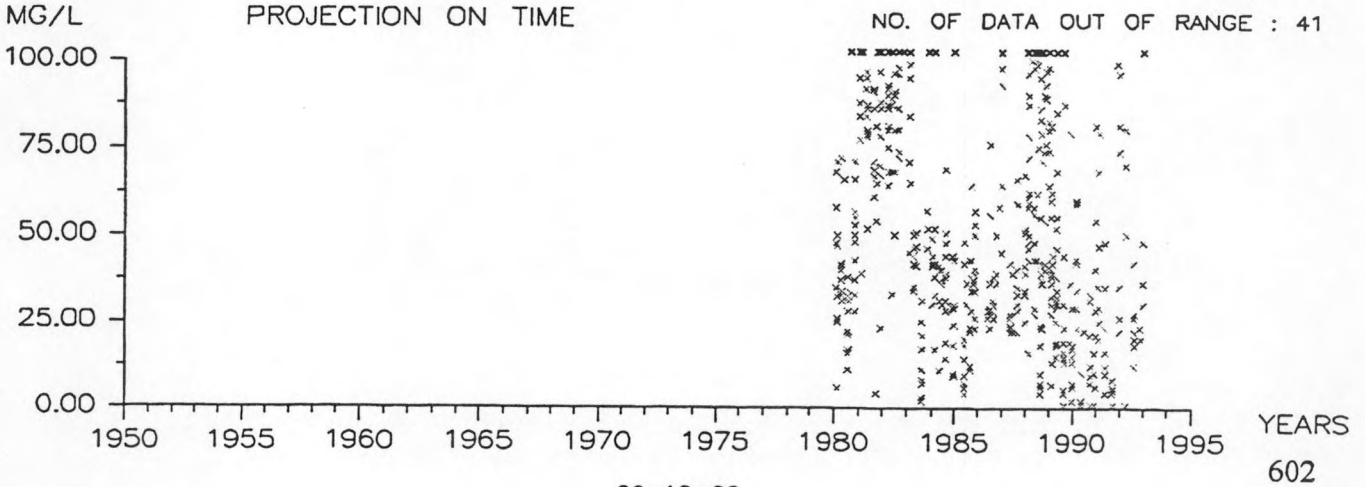
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





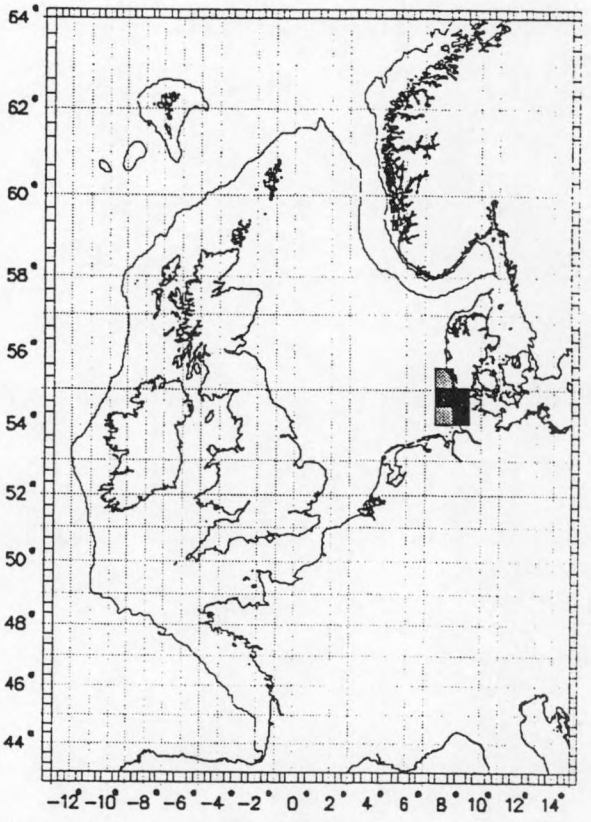
96–10–02

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077131601
ENAME : BSH/Becker, G.
UNITS : MG/L
NO. OF DATA : 513
NO. OF POSITIONS : 28



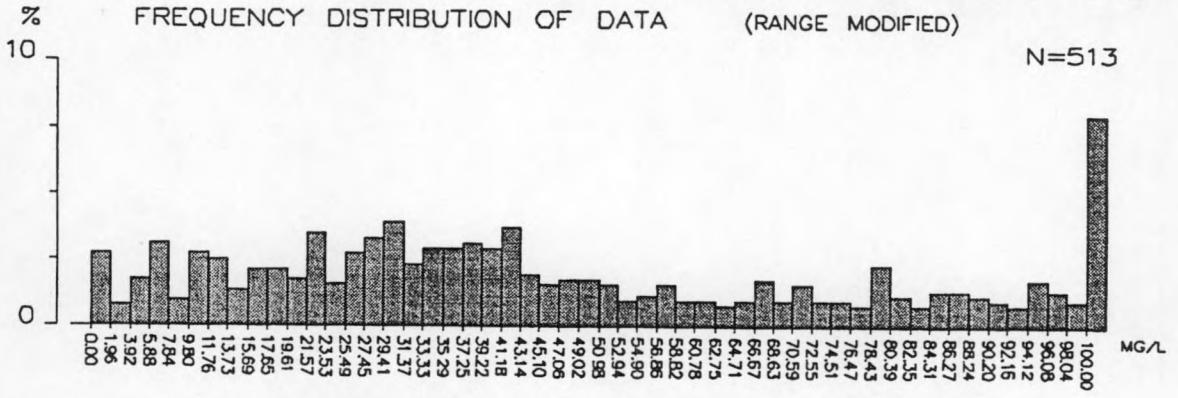
NO. OF DATA/AREA :
(without longterm data series !)

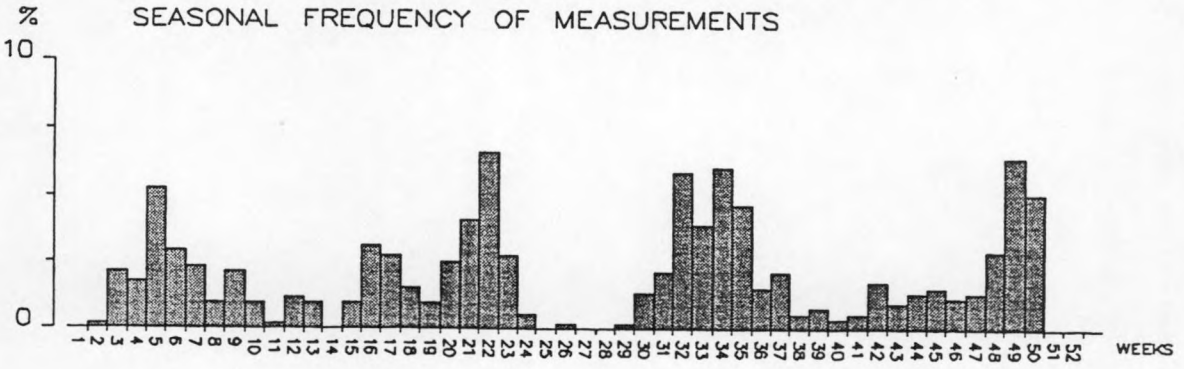
< 199	< 85
< < 170	< < 56
< < 142	< < 28
< 113	= 0

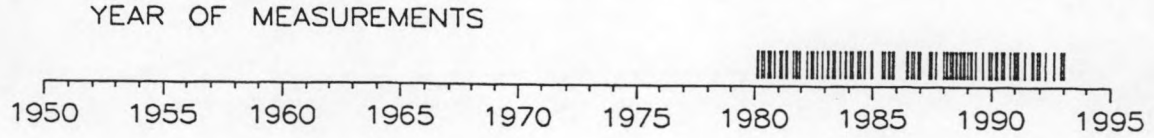
MINIMUM : 1.00
MAXIMUM : 454.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077131701

ENAME : BSH/Becker, G.

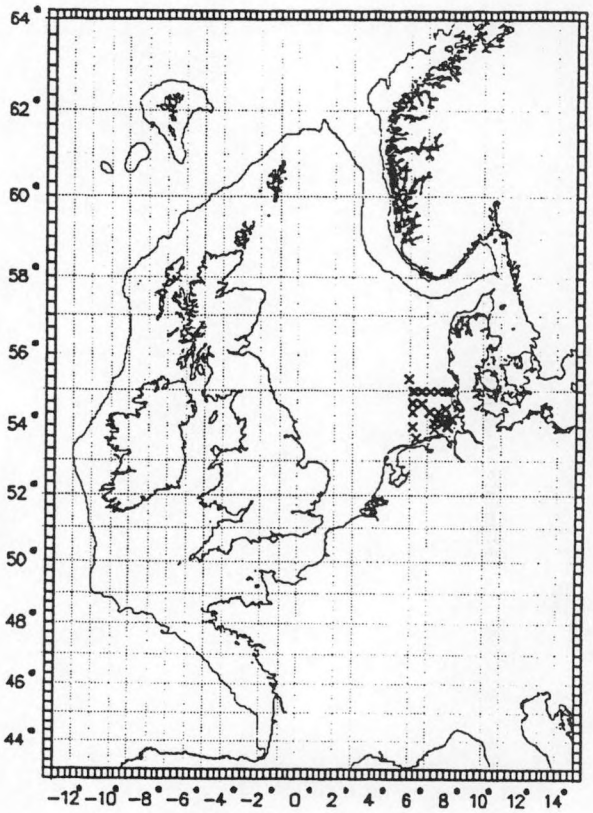
UNITS : MG/L

NO. OF POSITIONS : 154

NO. OF DATA : 224

MINIMUM : 0.06

MAXIMUM : 61.62



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

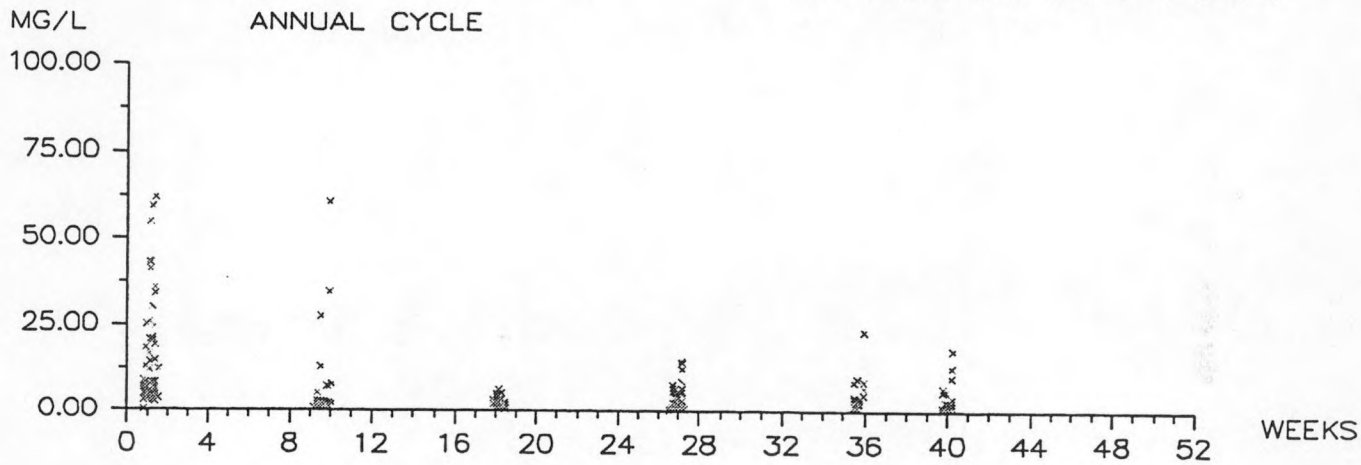
FIRST WEEK : 1

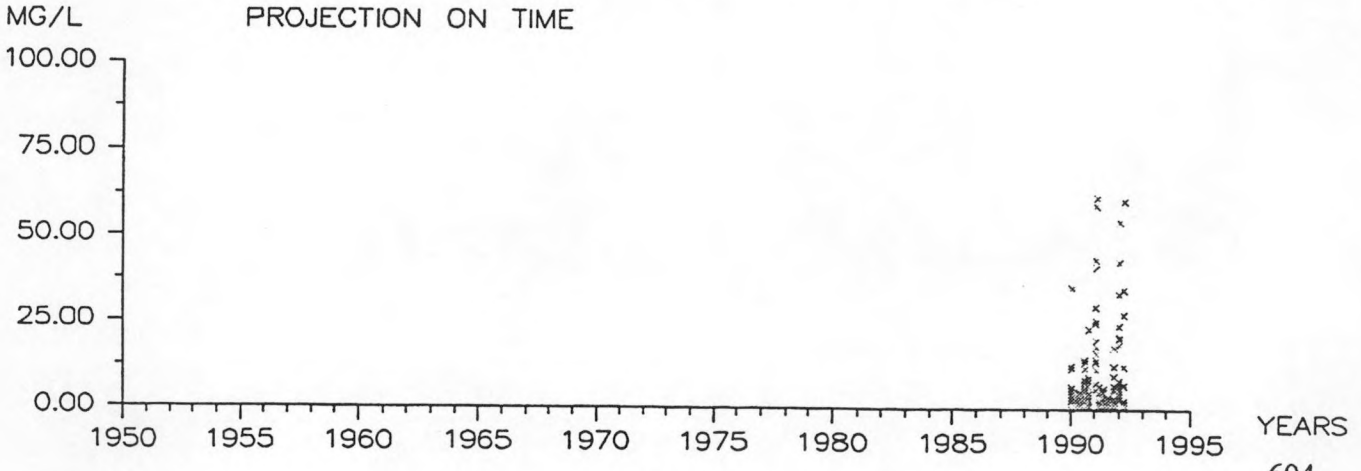
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



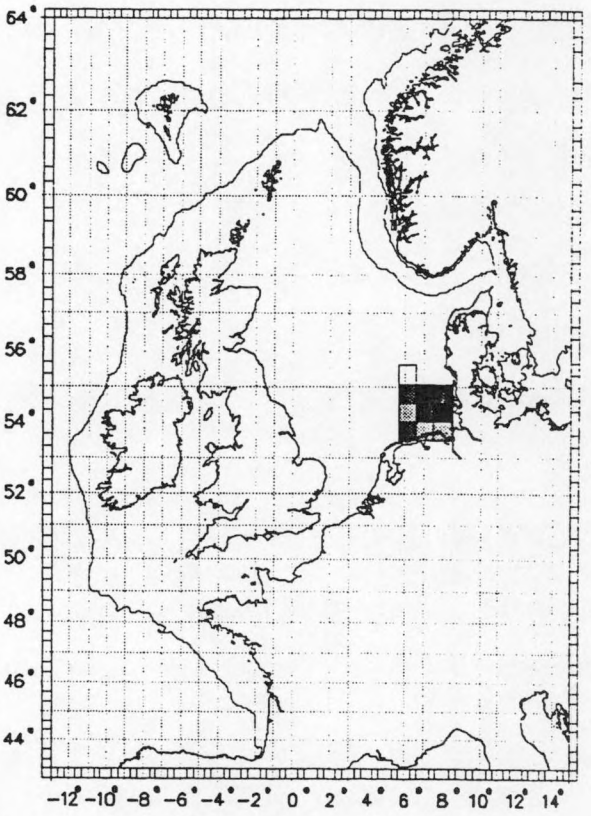


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077131701
ENAME : BSH/Becker, G.
UNITS : MG/L
NO. OF DATA : 224
NO. OF POSITIONS : 154



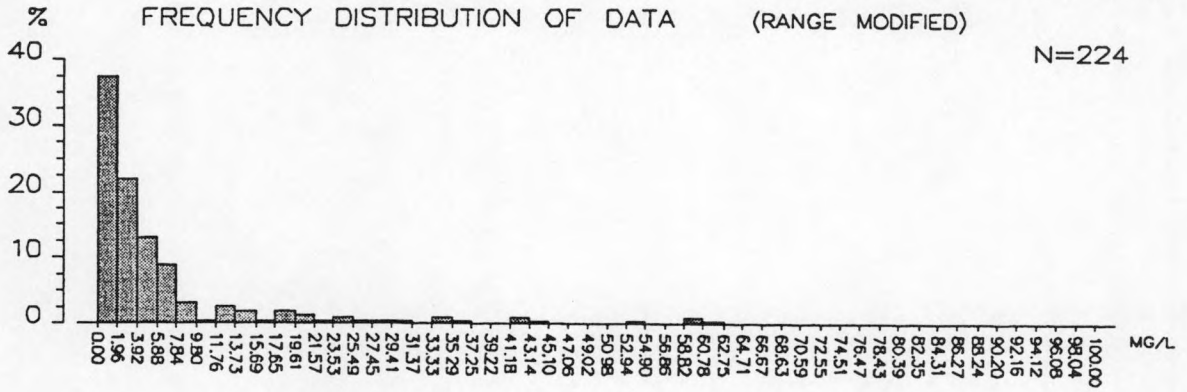
NO. OF DATA/AREA :
(without longterm data series !)

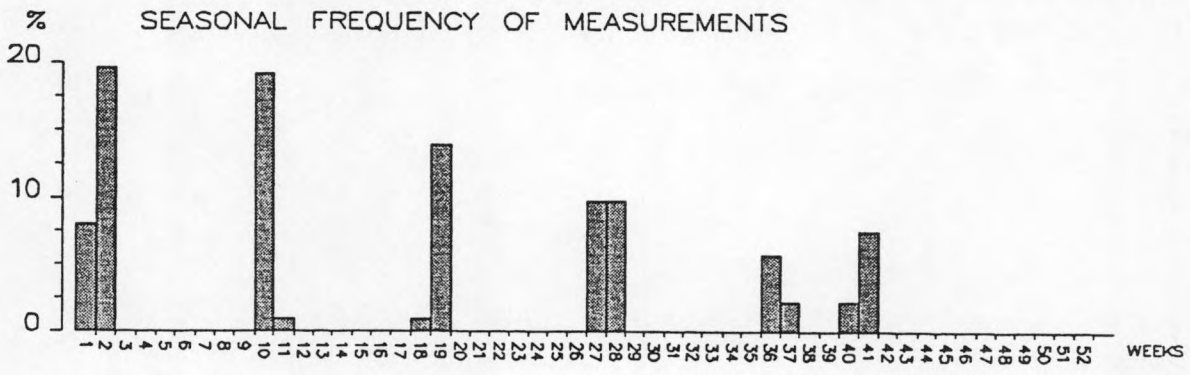
< 60	< 25
< 51	< 17
< 42	< 8
< 34	= 0

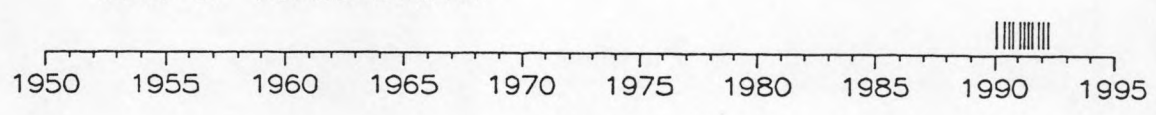
MINIMUM : 0.06
MAXIMUM : 61.62

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077131301

ENAME : CRESO/Castaing, P., Fr.

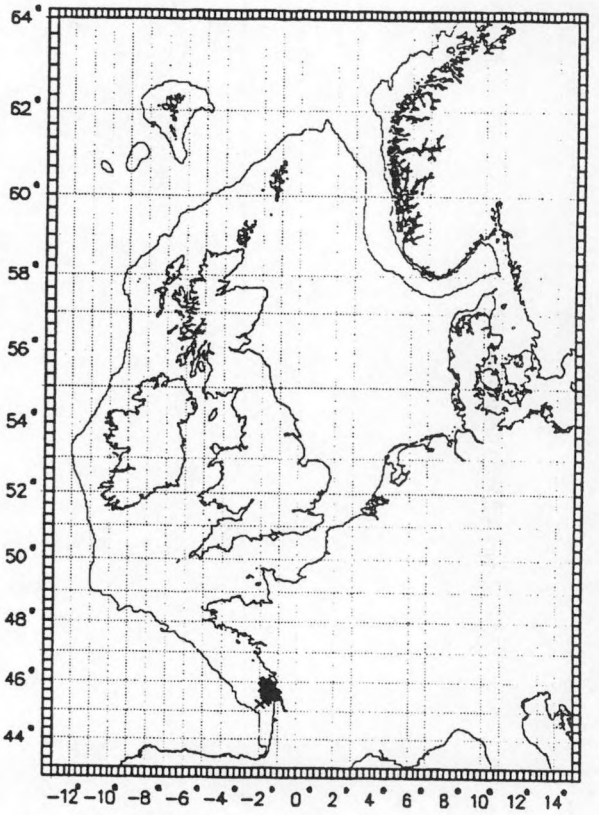
UNITS : MG/L

NO. OF POSITIONS : 87

NO. OF DATA : 2794

MINIMUM : 0.62

MAXIMUM : 78.53



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

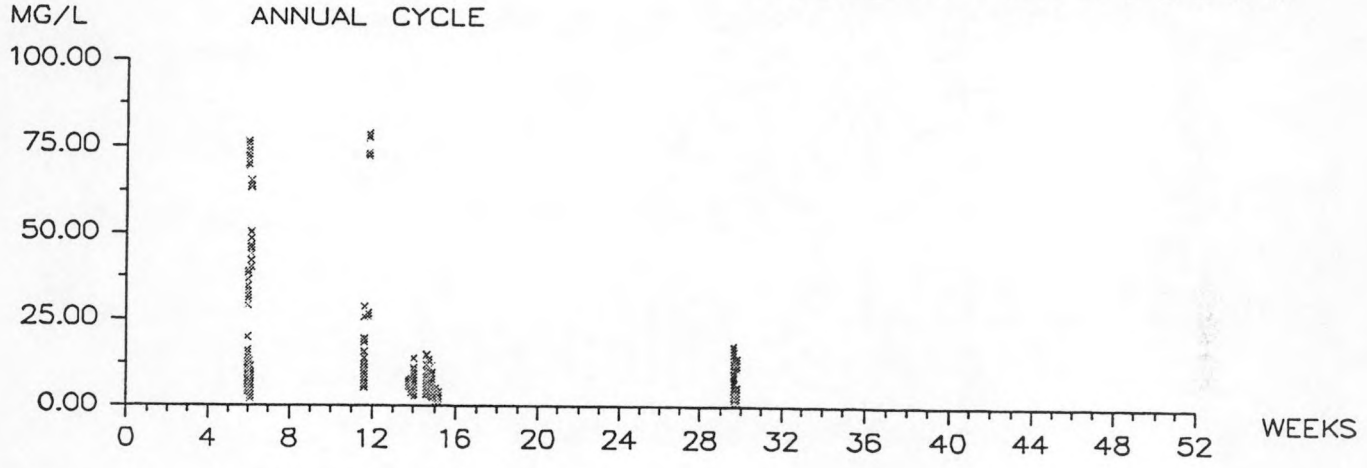
FIRST WEEK : 1

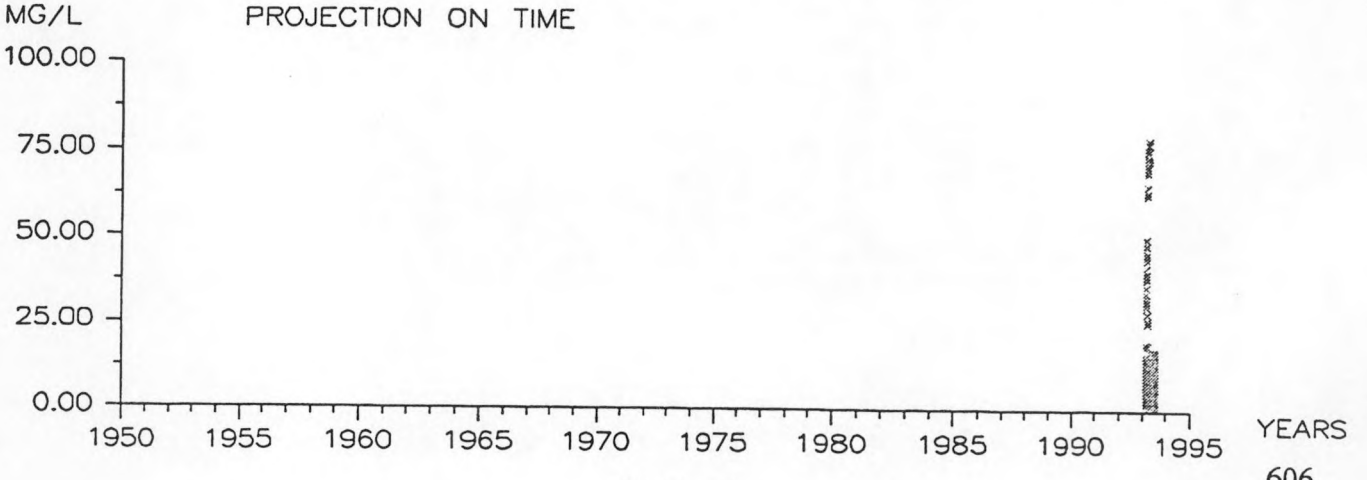
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



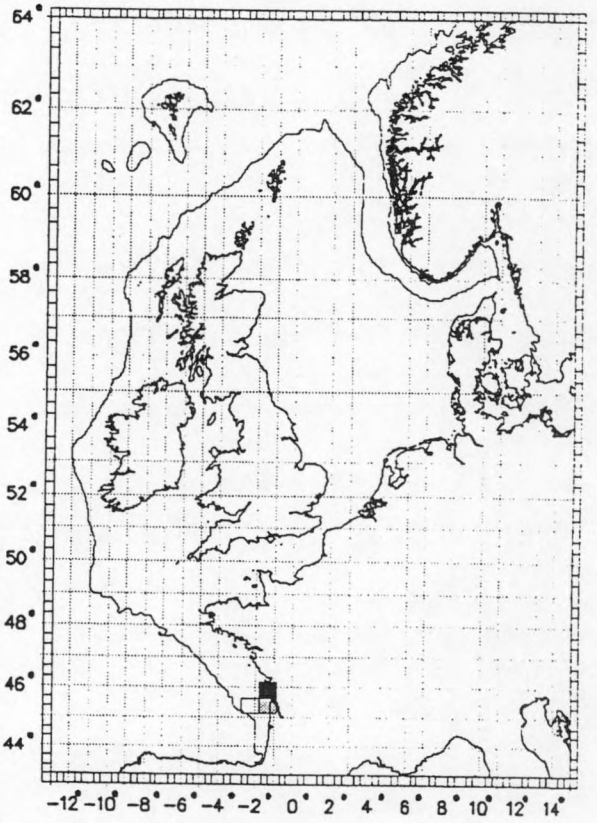


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077131301
ENAME : CRESO/Castaing, P., Fr.
UNITS : MG/L
NO. OF DATA : 2794
NO. OF POSITIONS : 87



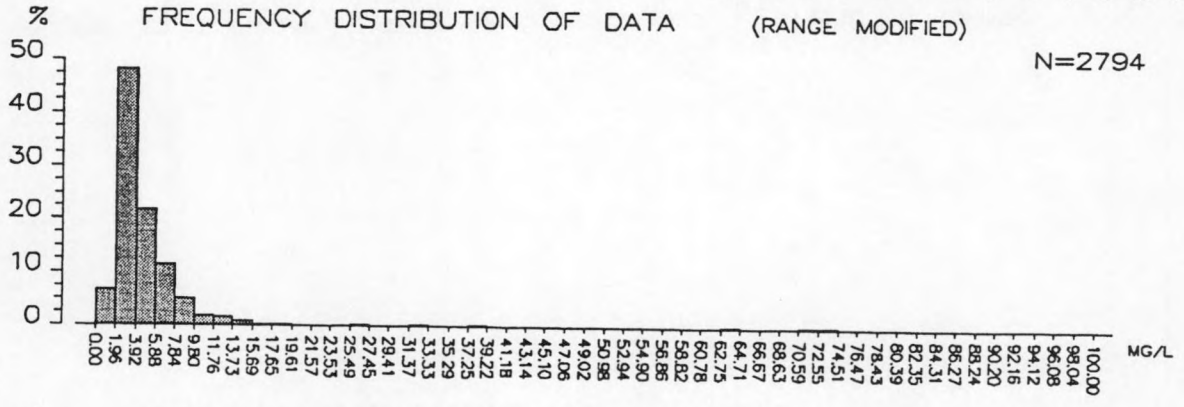
NO. OF DATA/AREA :
(without longterm data series !)

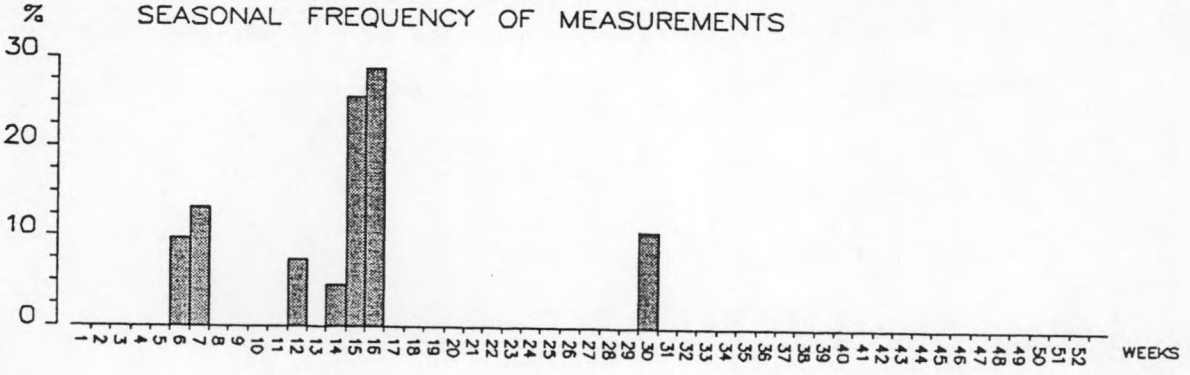
< 2266	< 971
< 1942	< < 647
< 1618	< < < 323
< 1294	= 0

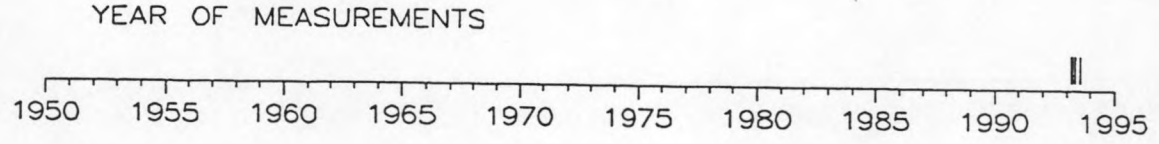
MINIMUM : 0.62
MAXIMUM : 78.53

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

SPM

PCODE : 6077131301

ENAME : CRESEO/Castaing, P., J.

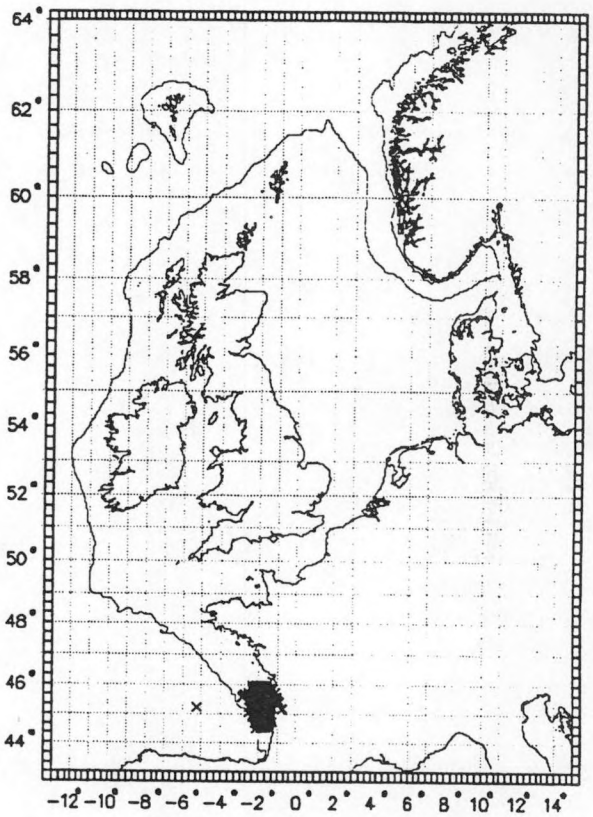
UNITS : MG/L

NO. OF POSITIONS : 212

NO. OF DATA : 14735

MINIMUM : 0.00

MAXIMUM : 302.79



NO. OF DATA OUT OF RANGE : 19

MODIFICATIONS

TIME—INTERVALL :

FIRST DATE : 50—01—01

LAST DATE : 95—12—31

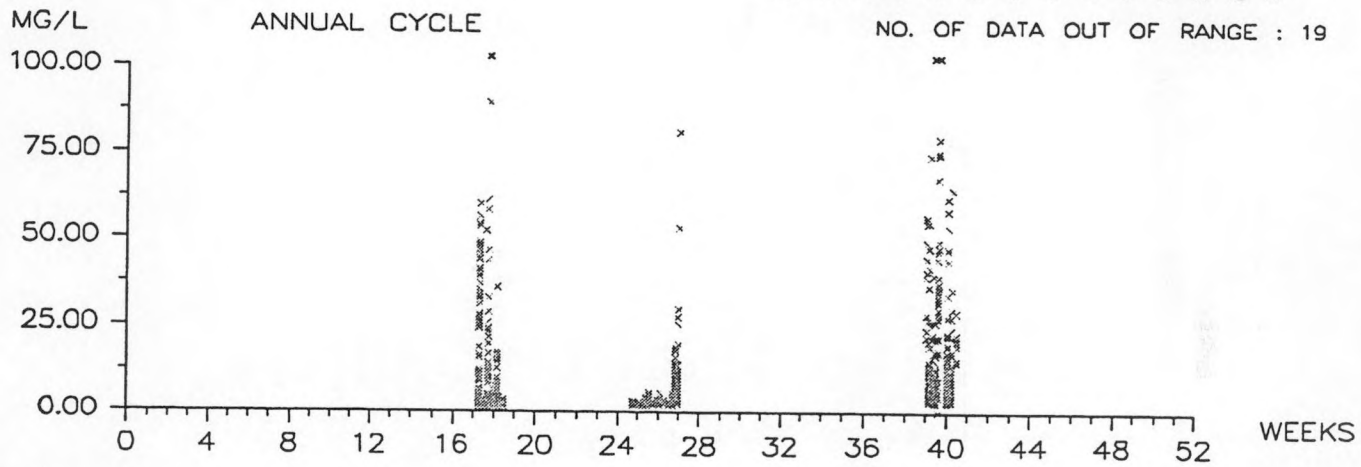
FIRST WEEK : 1

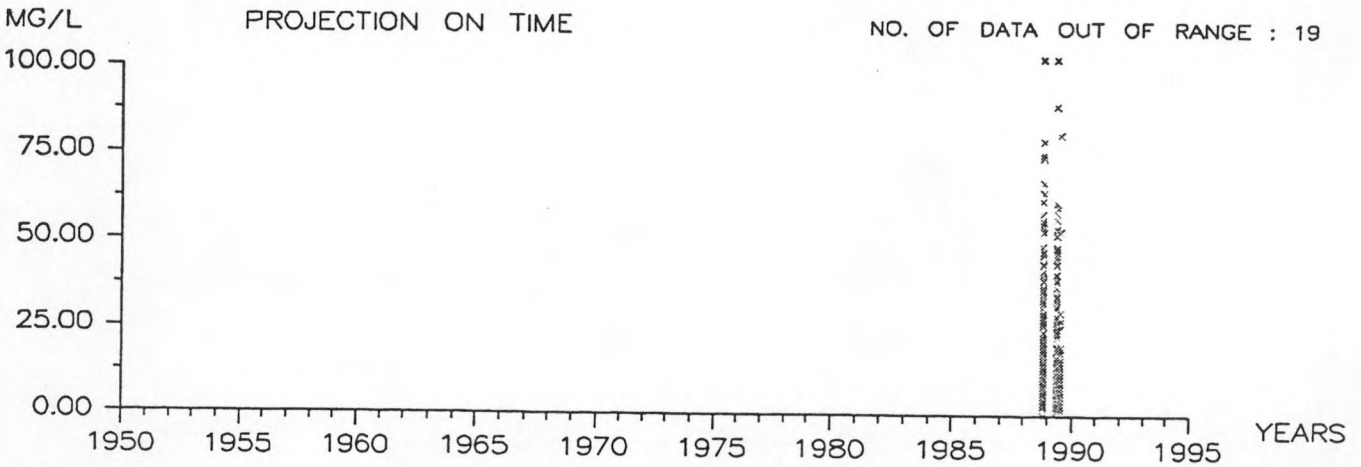
LAST WEEK : 53

DEPTH—RANGE

UPPER : 0

LOWER : 2000





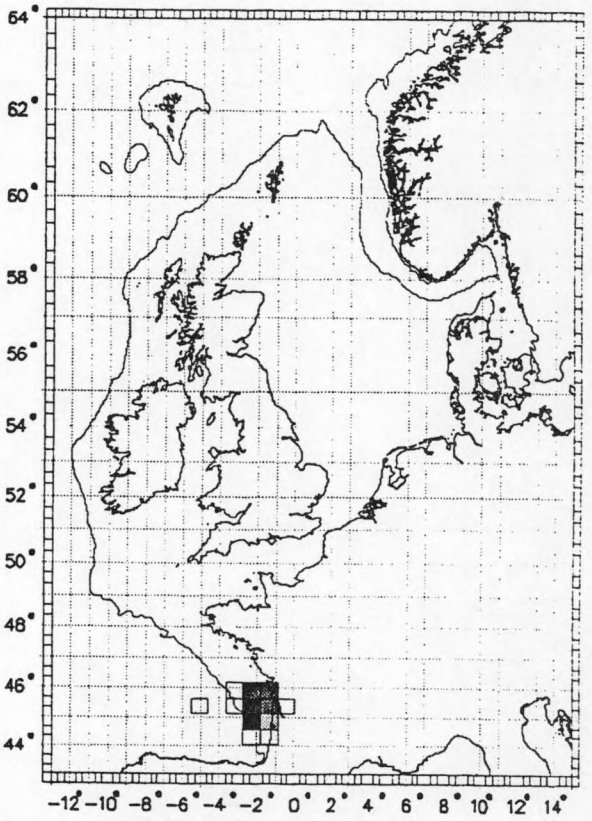
96—10—02

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077131301
ENAME : CRESEO/Castaing, P., J.
UNITS : MG/L
NO. OF DATA : 14735
NO. OF POSITIONS : 212



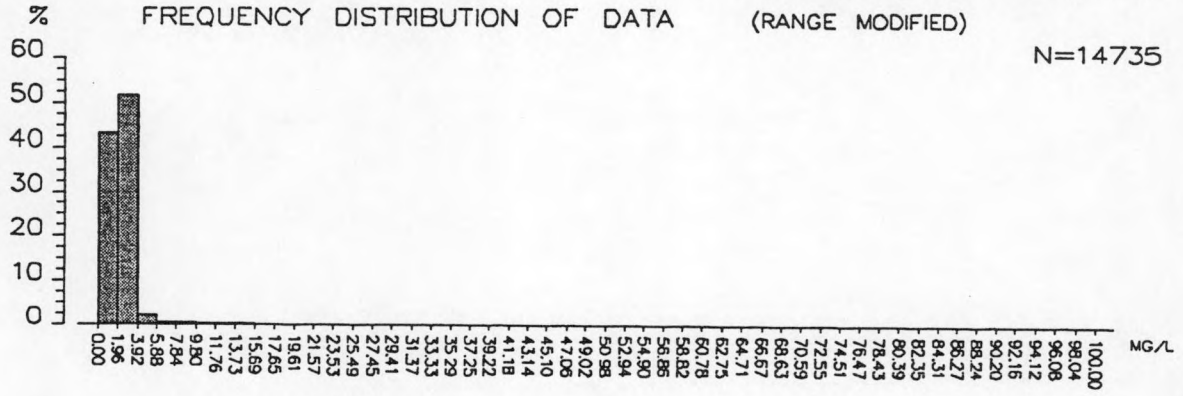
NO. OF DATA/AREA :
(without longterm data series !)

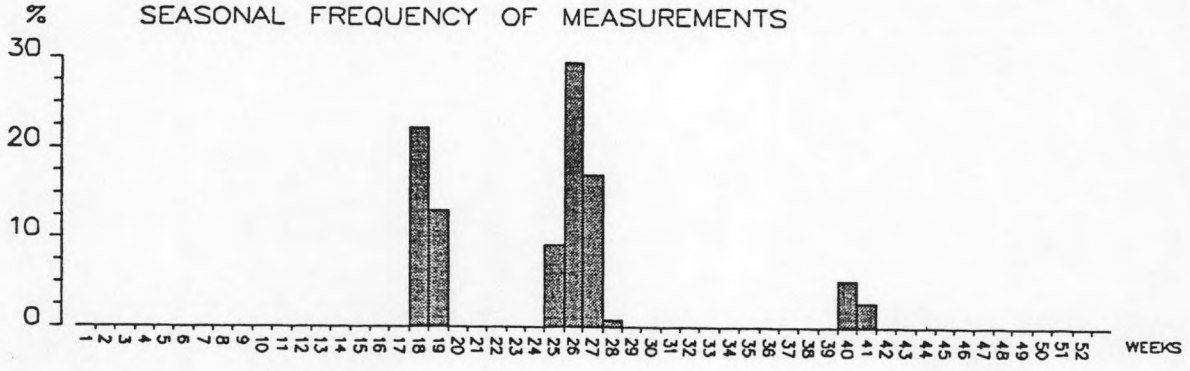
< 4925	< 2110
< 4221	< 1407
< 3517	< 703
< 2814	= 0

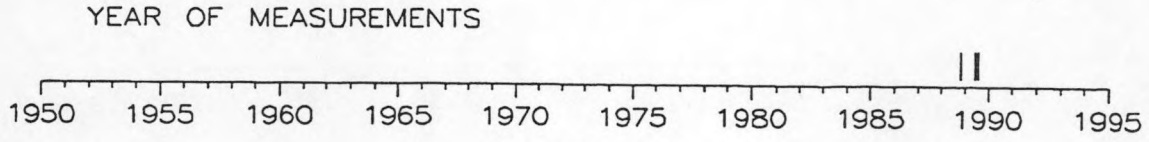
MINIMUM : 0.00
MAXIMUM : 302.79

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







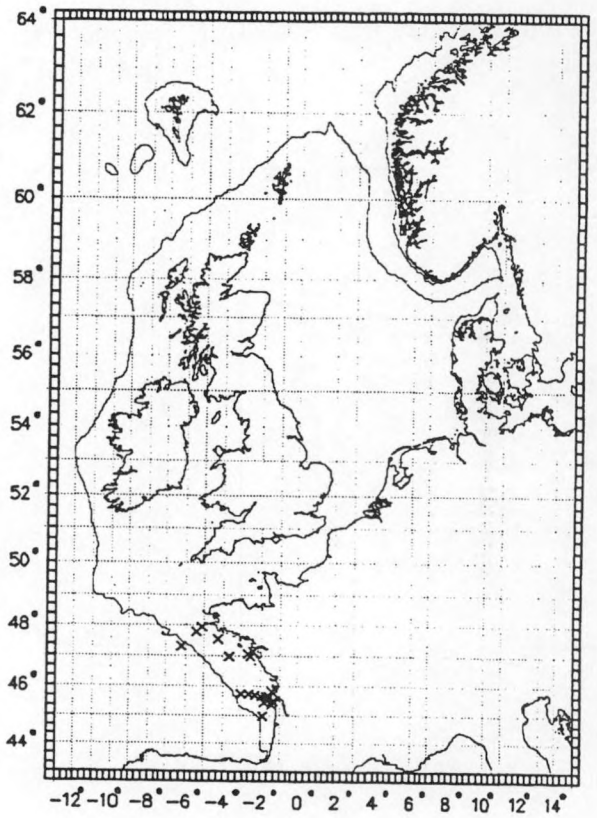
96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

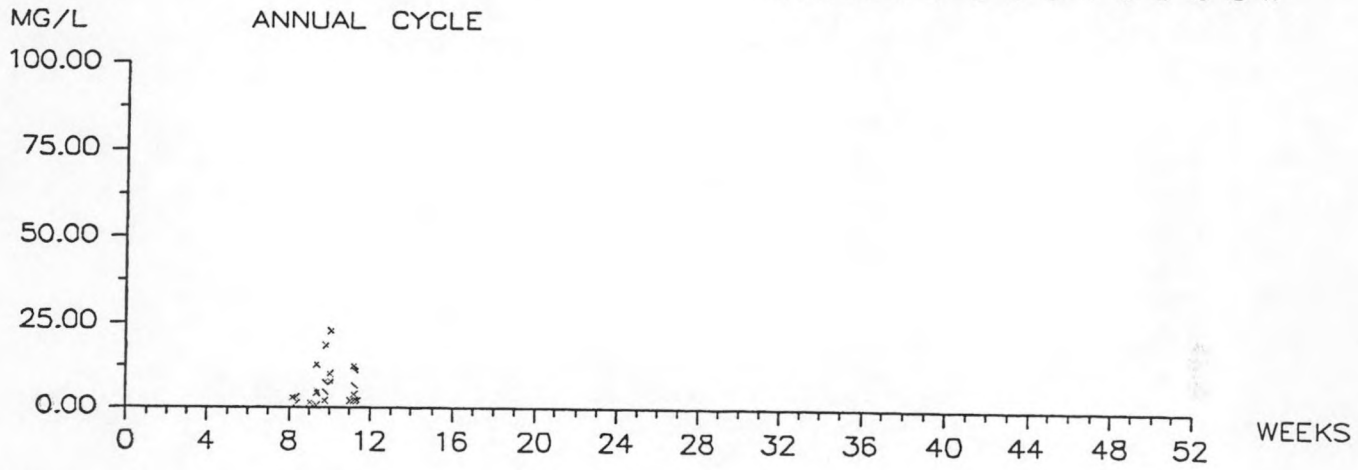
SPM

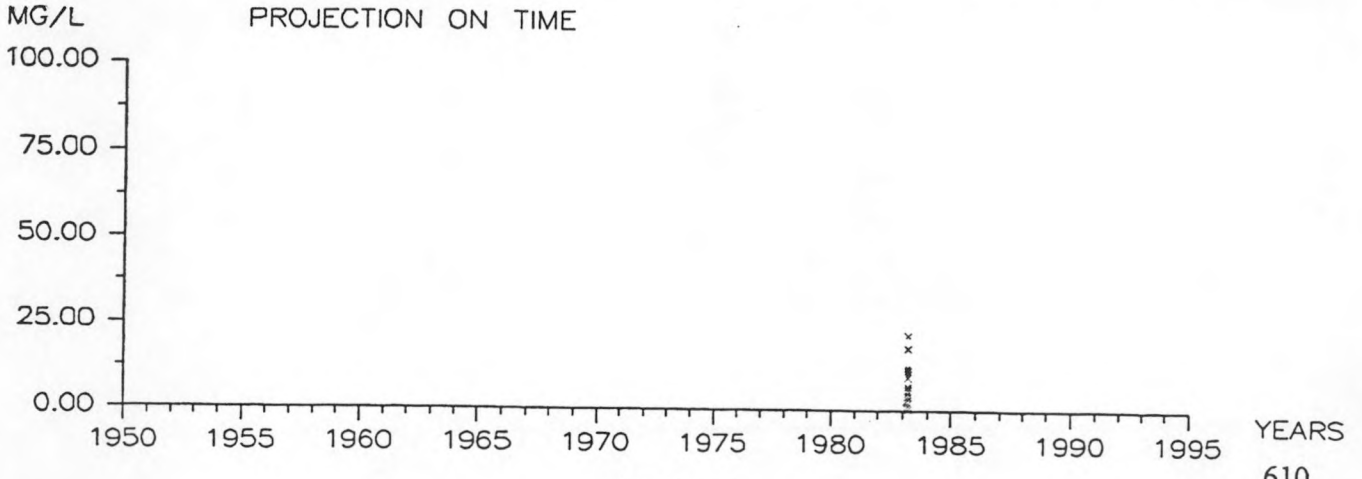
PCODE : 6077131301
ENAME : CRESO/Castaing, P., Un.
UNITS : MG/L
NO. OF POSITIONS : 20
NO. OF DATA : 26
MINIMUM : 0.16
MAXIMUM : 22.20



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





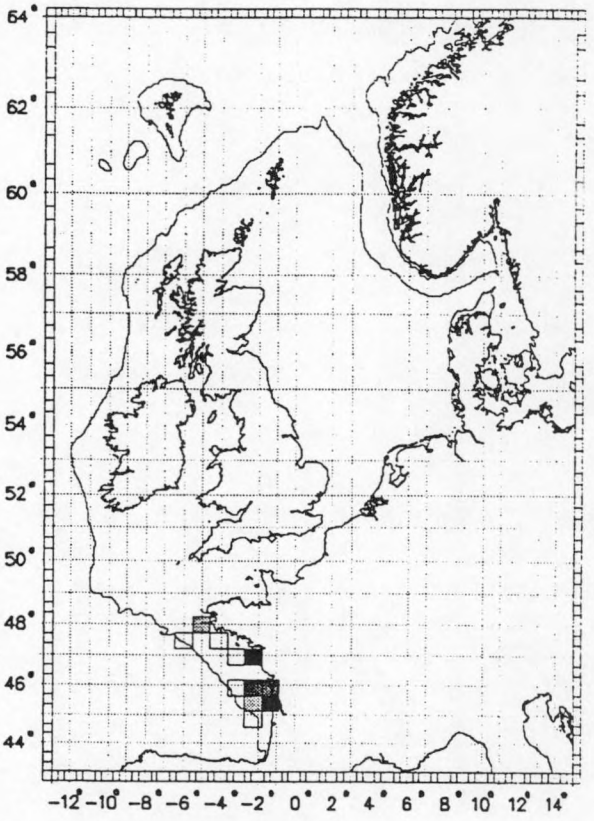
96–10–02

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077131301
ENAME : CRESO/Castaing, P., Un.
UNITS : MG/L
NO. OF DATA : 26
NO. OF POSITIONS : 20



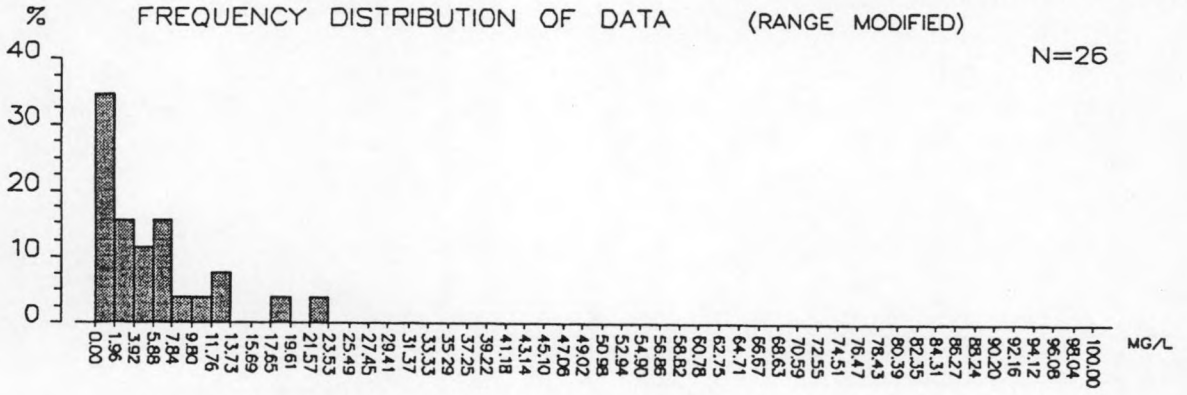
NO. OF DATA/AREA :
(without longterm data series !)

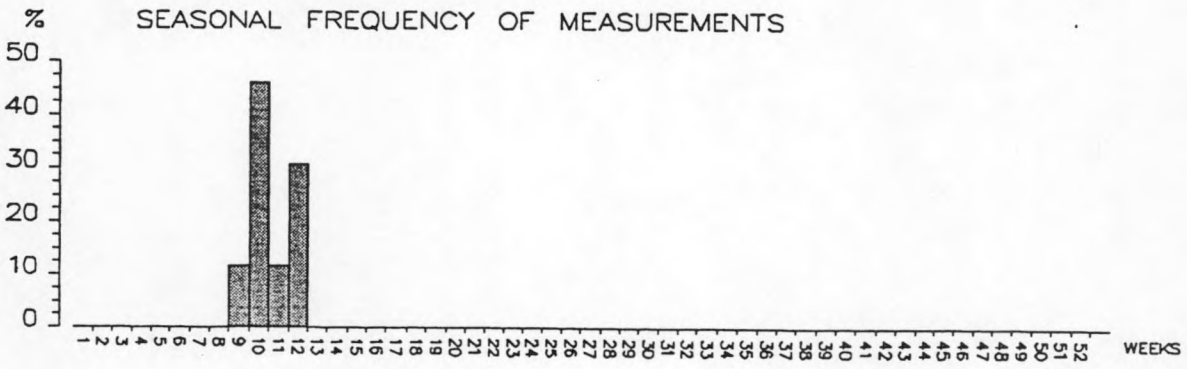
< 7	< 3
< 6	< 2
< 5	< 1
< 4	= 0

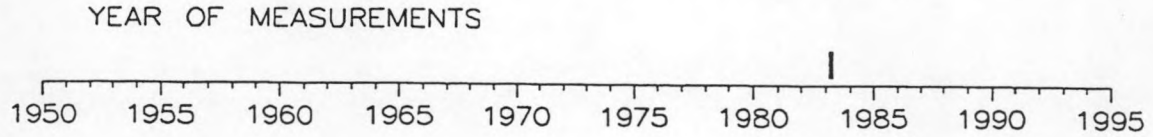
MINIMUM : 0.16
MAXIMUM : 22.20

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







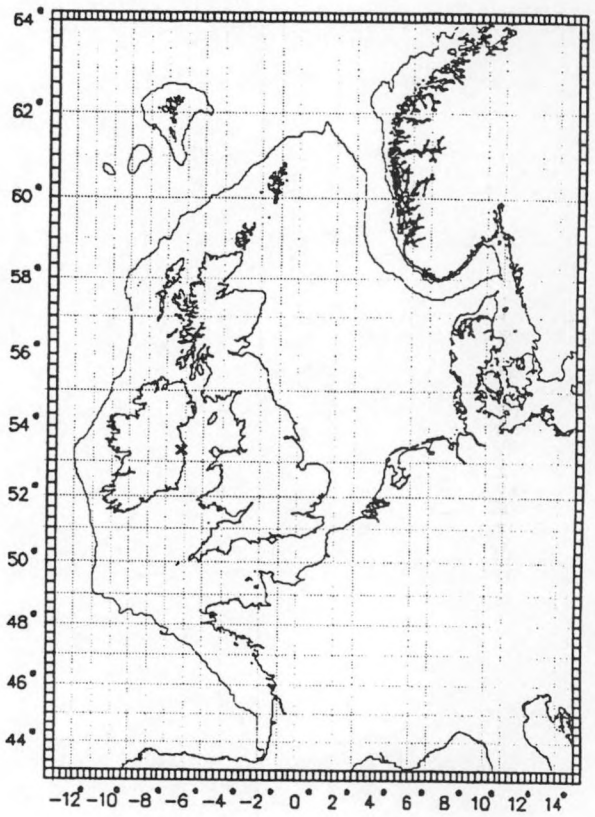
96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

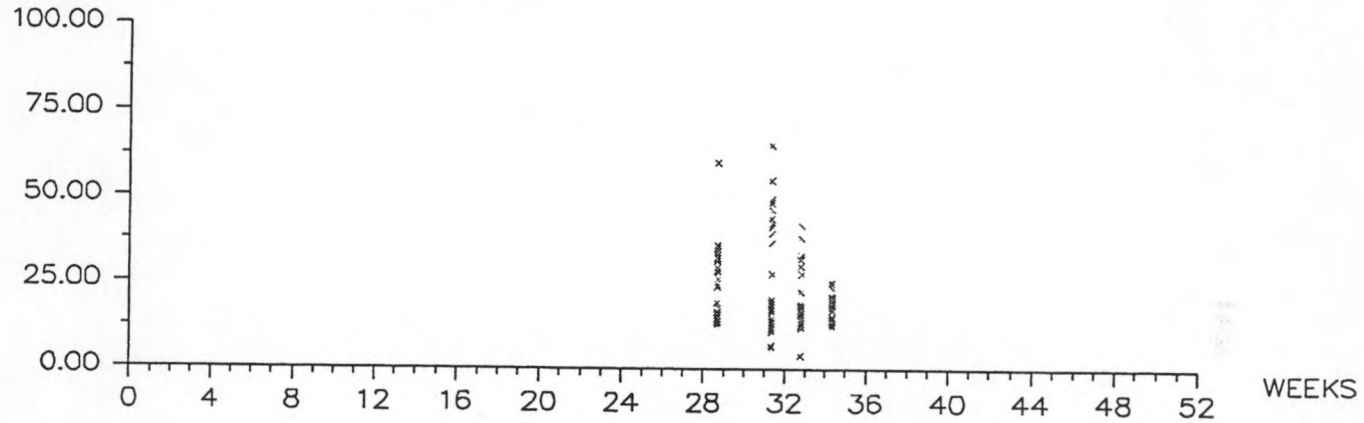
PCODE : 6077134401
ENAME : ESU/Wilson, J.
UNITS : MG/L
NO. OF POSITIONS : 2
NO. OF DATA : 150
MINIMUM : 3.60
MAXIMUM : 64.70



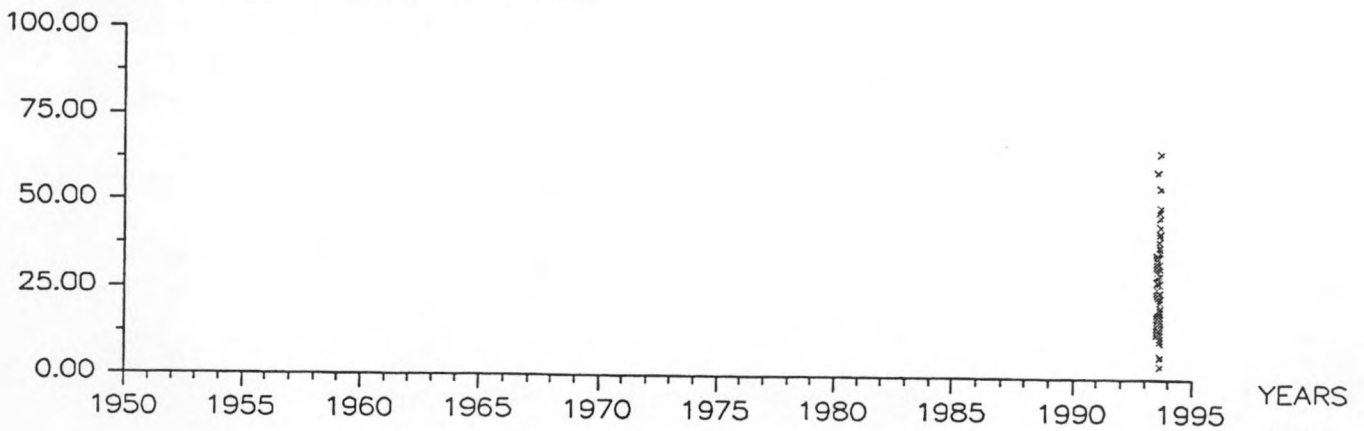
MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000

MG/L ANNUAL CYCLE



MG/L PROJECTION ON TIME

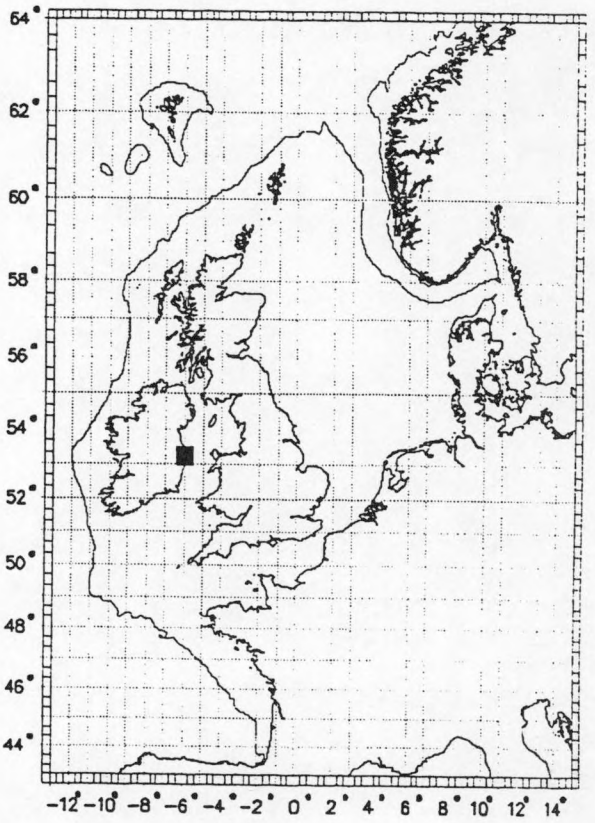


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077134401
ENAME : ESU/Wilson, J.
UNITS : MG/L
NO. OF DATA : 150
NO. OF POSITIONS : 2



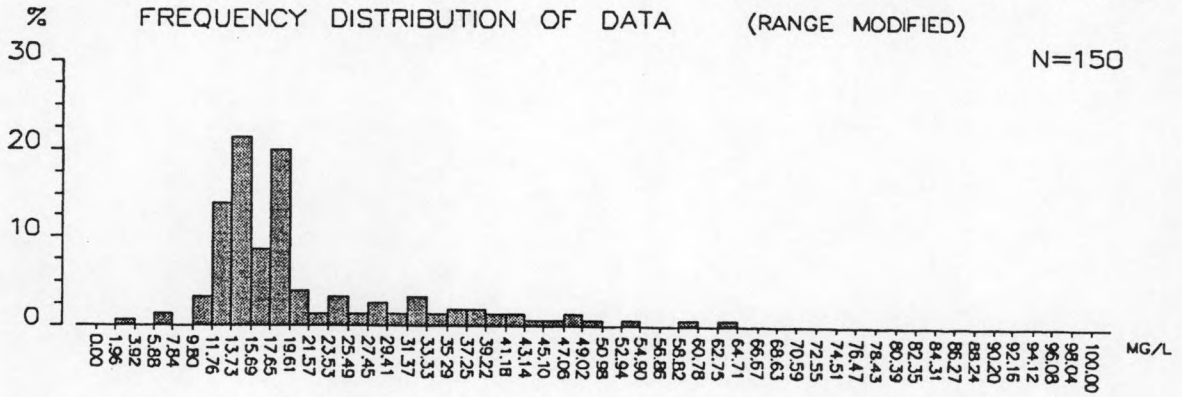
NO. OF DATA/AREA :
(without longterm data series !)

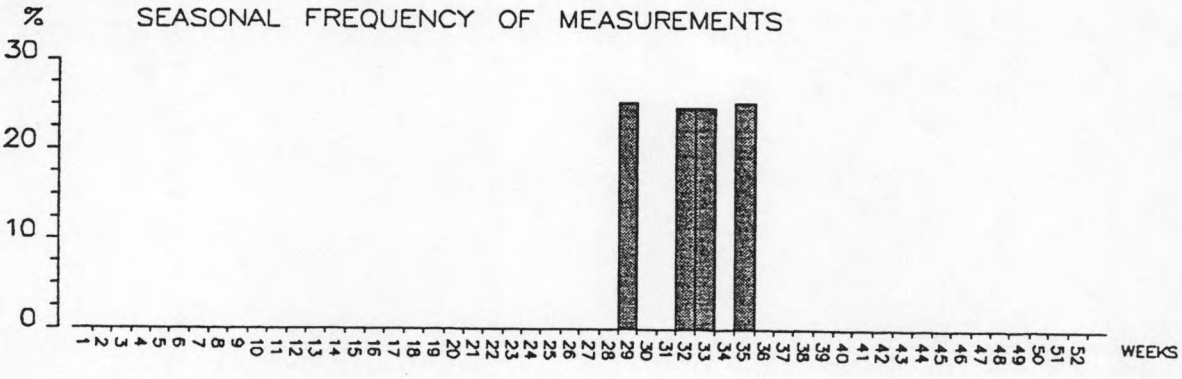
< 150	< 64
< 128	< 42
< 107	< 21
< 85	= 0

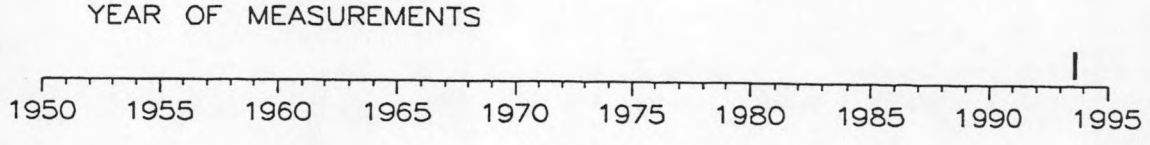
MINIMUM : 3.60
MAXIMUM : 64.70

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





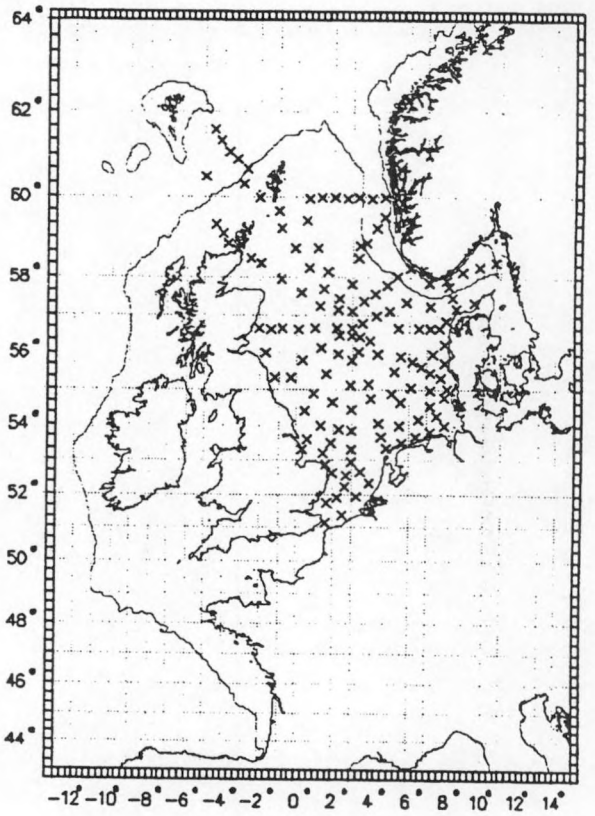


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

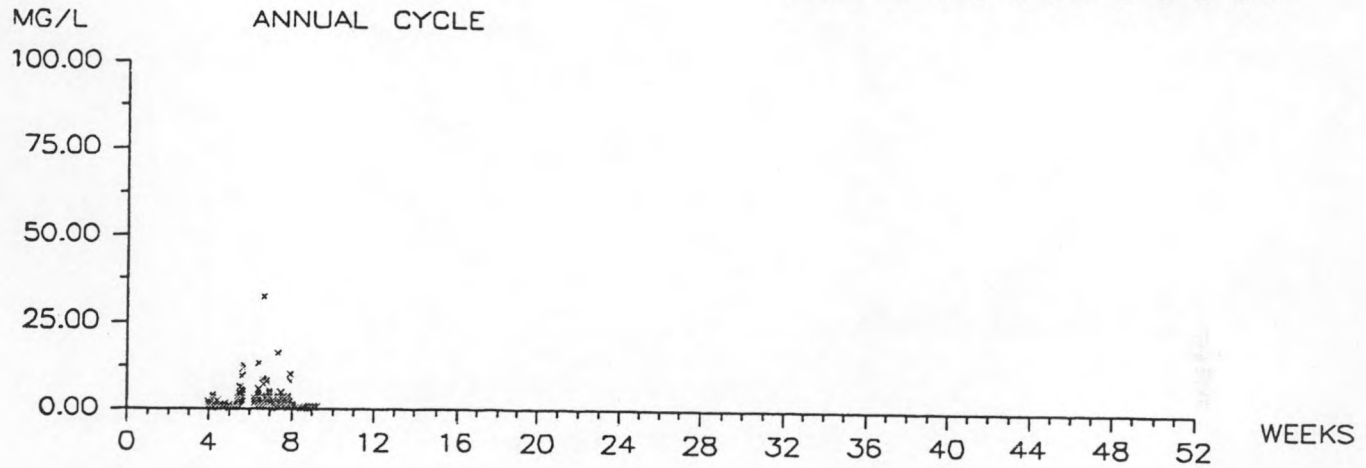
SPM

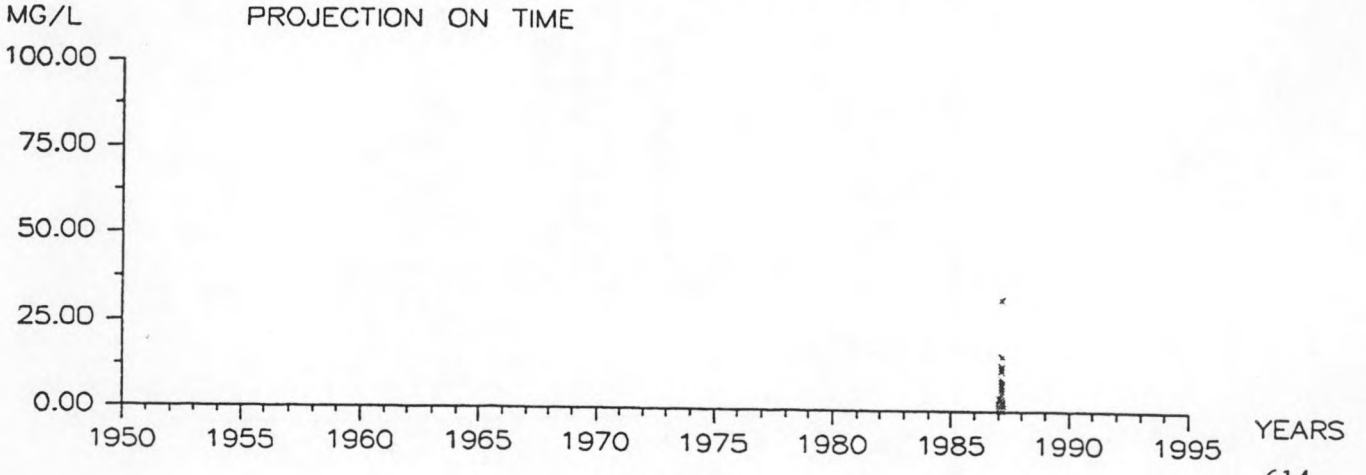
PCODE : 6077130001
ENAME : GPI / Schroeder, M.
UNITS : MG/L
NO. OF POSITIONS : 140
NO. OF DATA : 409
MINIMUM : 0.10
MAXIMUM : 32.00



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000





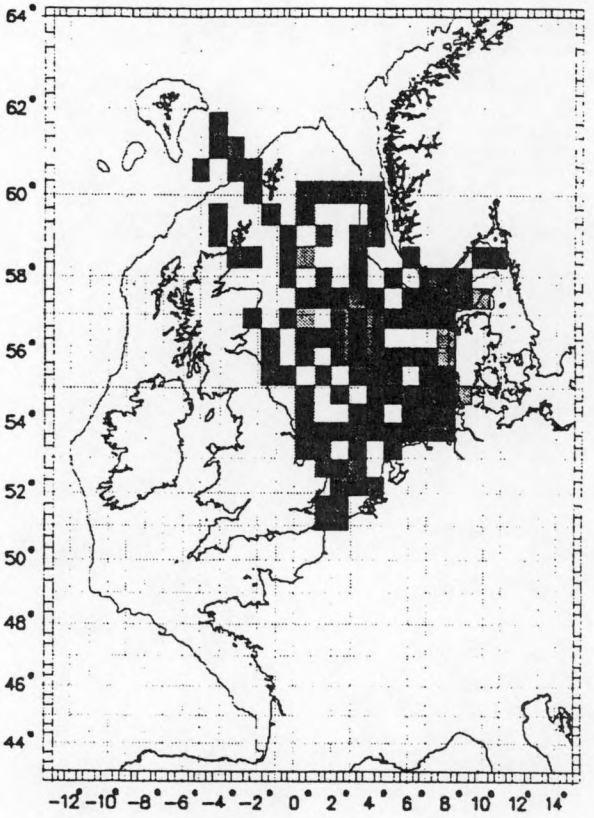
97–06–12

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077130001
ENAME : GPI / Schroeder, M.
UNITS : MG/L
NO. OF DATA : 409
NO. OF POSITIONS : 140



NO. OF DATA/AREA :
(without longterm data series !)

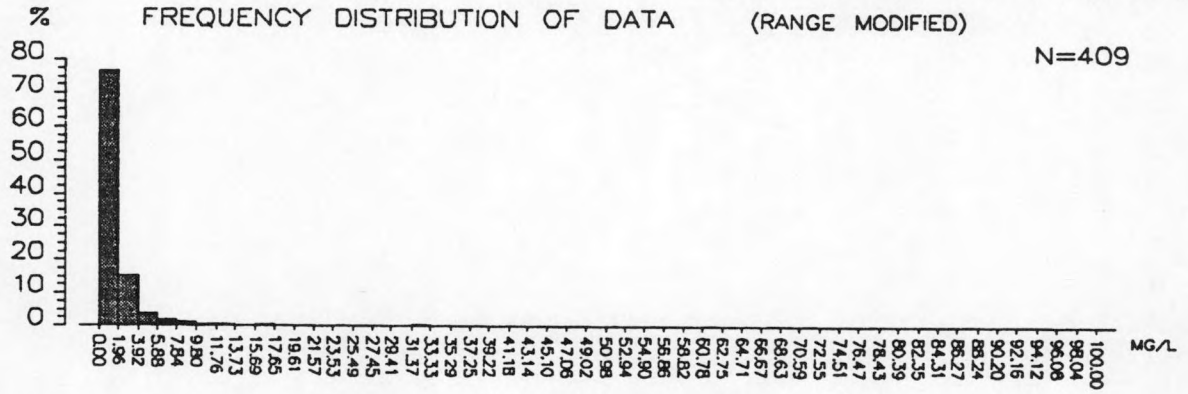
< 9
< 7
< 6
< 5

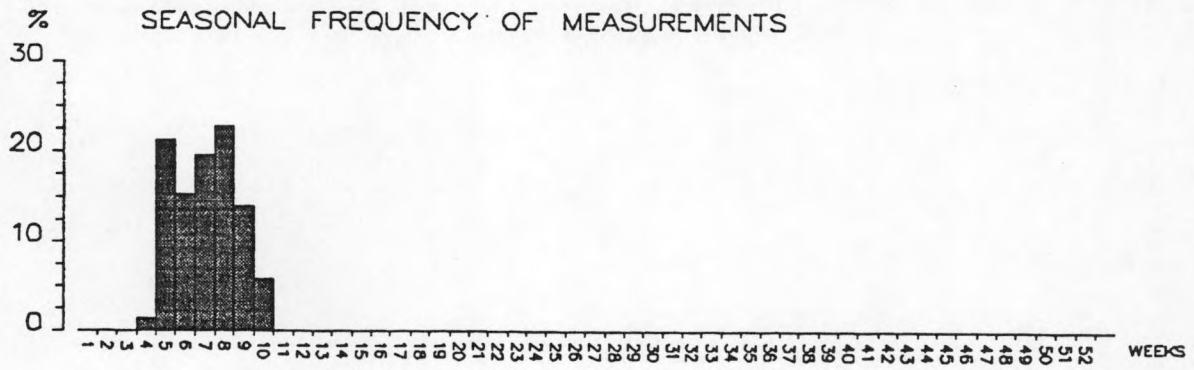
< 3
< 2
< 1
= 0

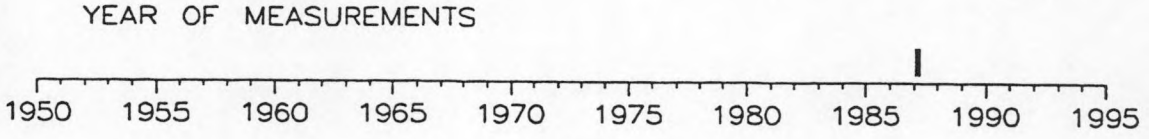
MINIMUM : 0.10
MAXIMUM : 32.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







97-06-12

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077132001

ENAME : IfBM/Hoelemann, J., Un.

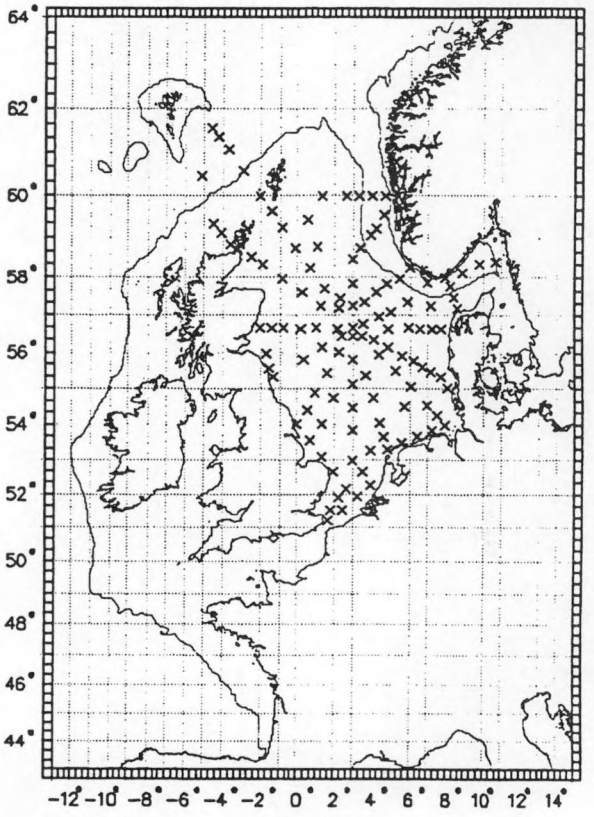
UNITS : MG/L

NO. OF POSITIONS : 122

NO. OF DATA : 122

MINIMUM : 0.33

MAXIMUM : 18.60



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

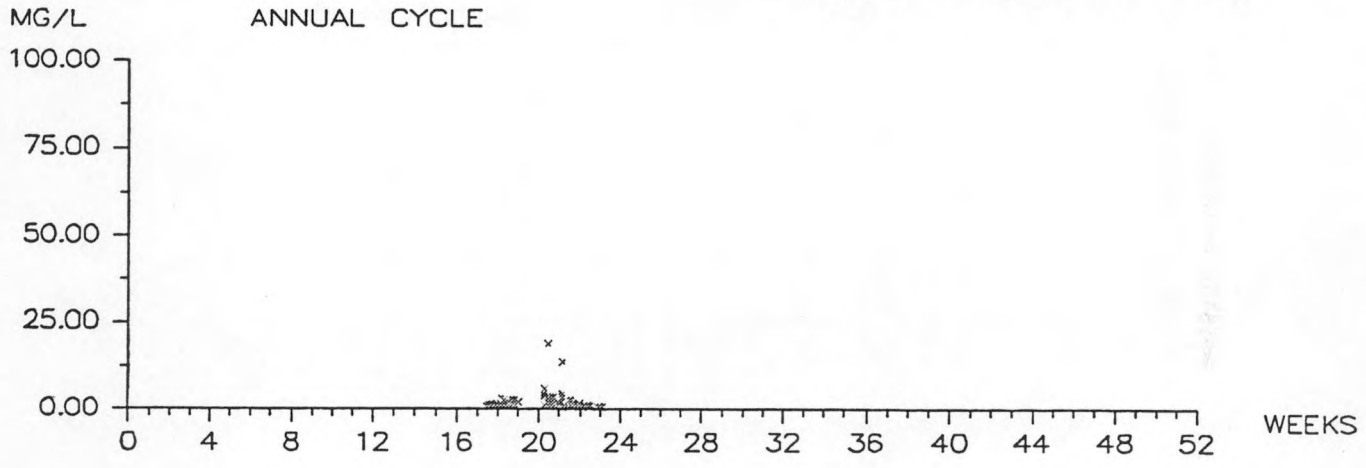
FIRST WEEK : 1

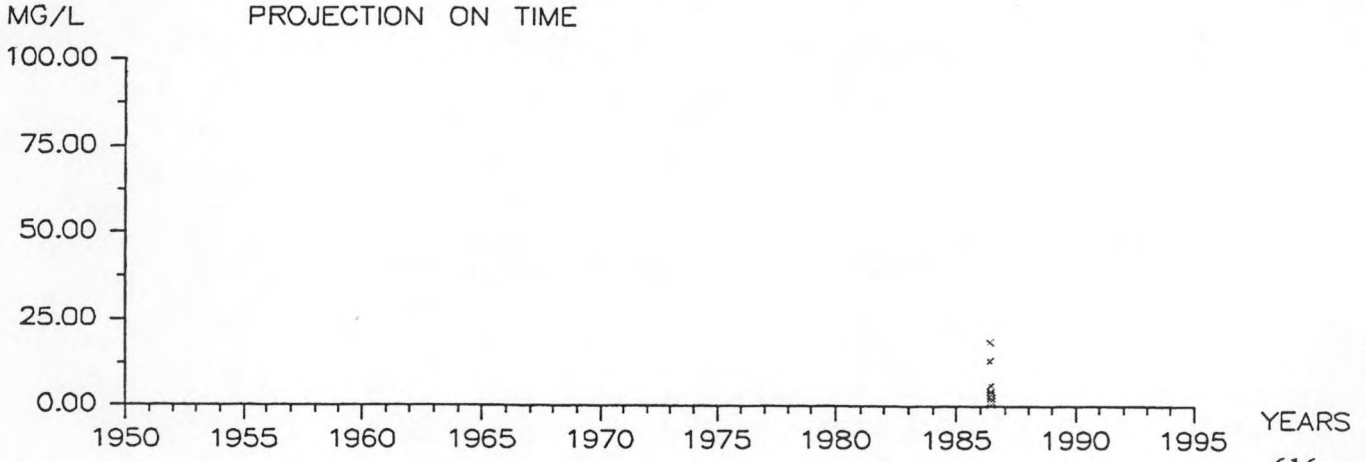
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





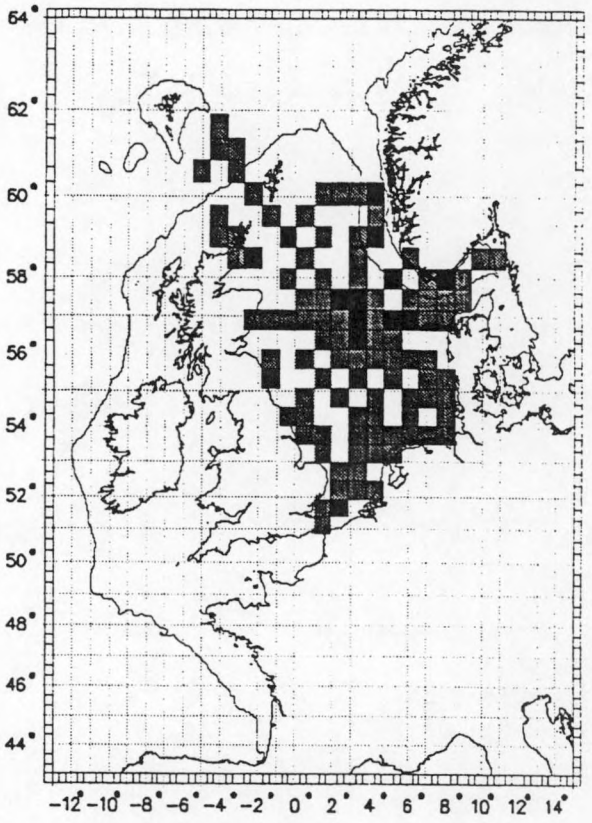
96–10–02

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077132001
ENAME : IfBM/Hoelemann, J., Un.
UNITS : MG/L
NO. OF DATA : 122
NO. OF POSITIONS : 122



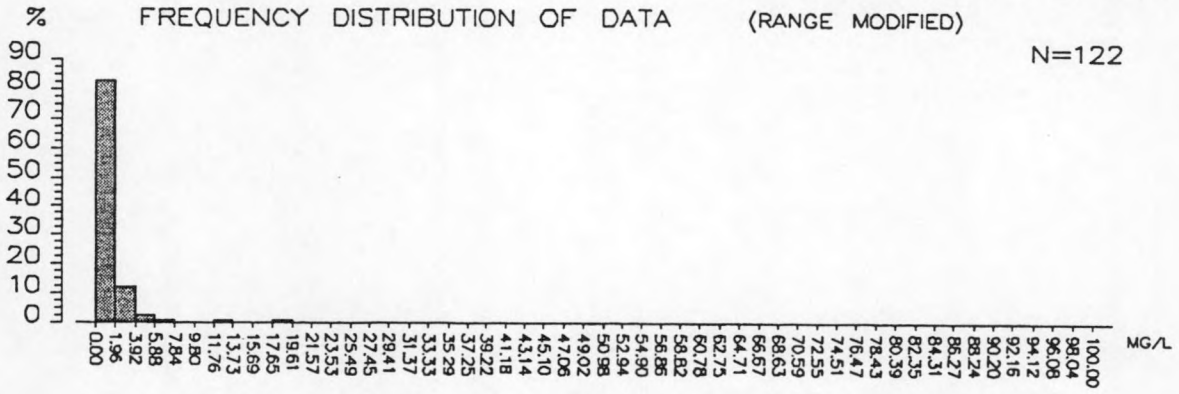
NO. OF DATA/AREA :
(without longterm data series !)

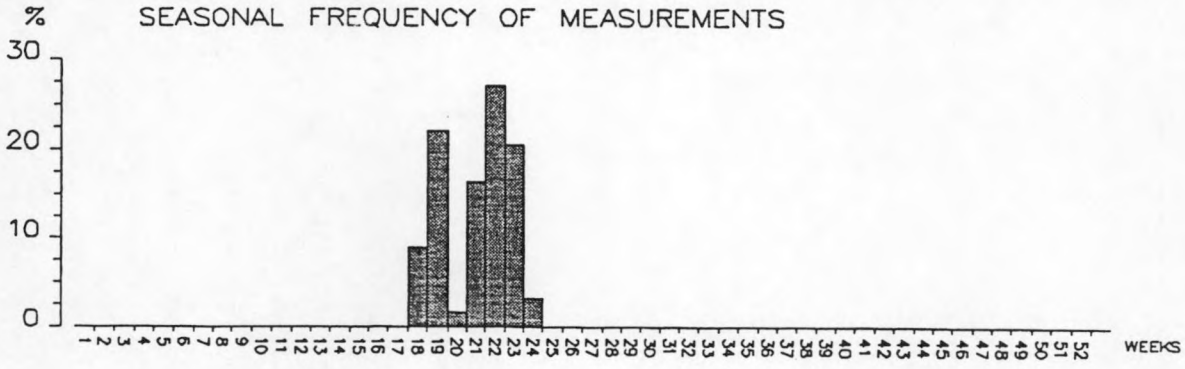
< 3	1
< 2	0
< 2	0
= 1	0

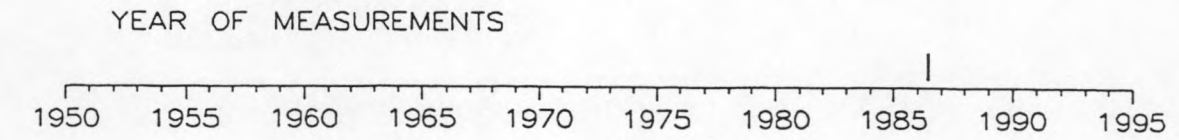
MINIMUM : 0.33
MAXIMUM : 18.60

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





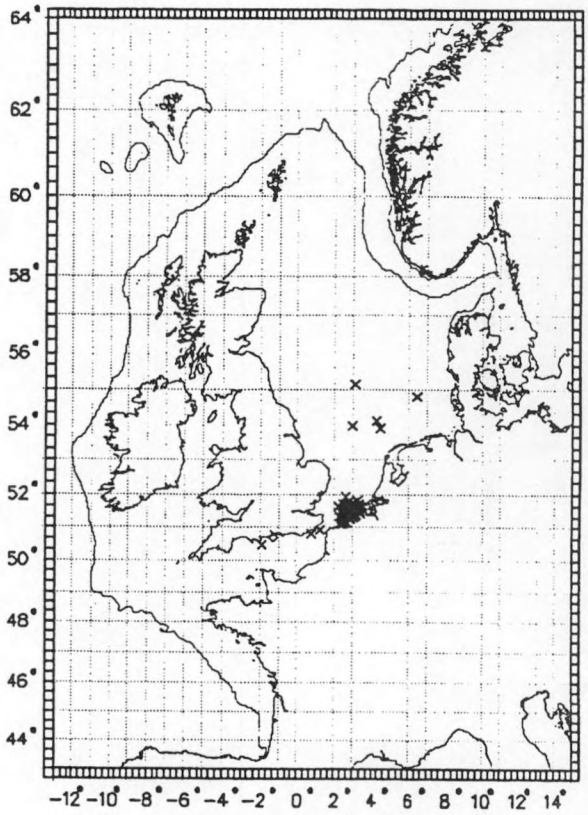


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

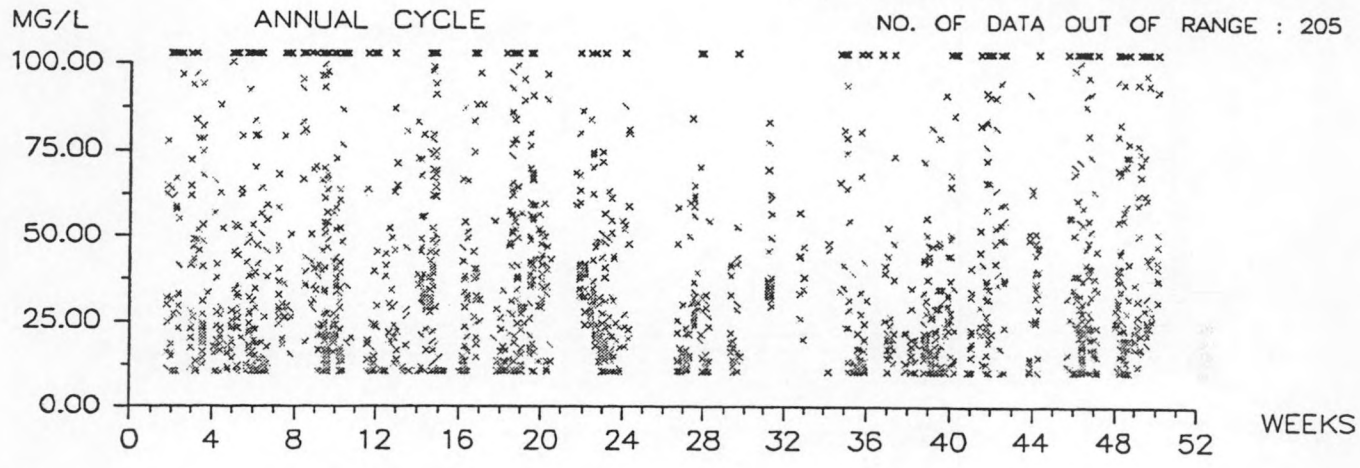
SPM

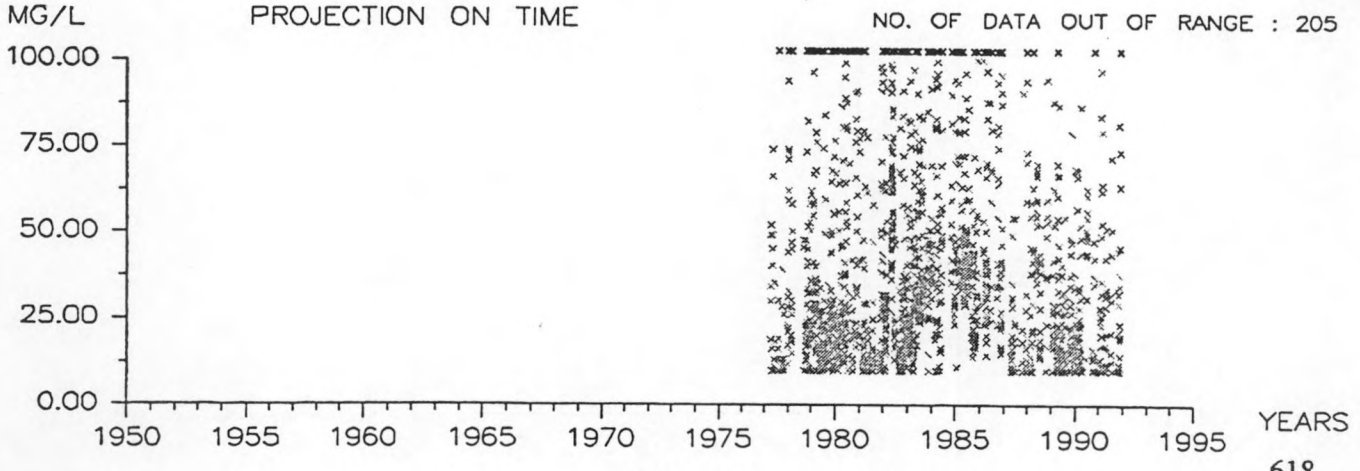
PCODE : 6077133401
ENAME : MUMM (OOST)
UNITS : MG/L
NO. OF POSITIONS : 75
NO. OF DATA : 2009
MINIMUM : 10.00
MAXIMUM : 765.50



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



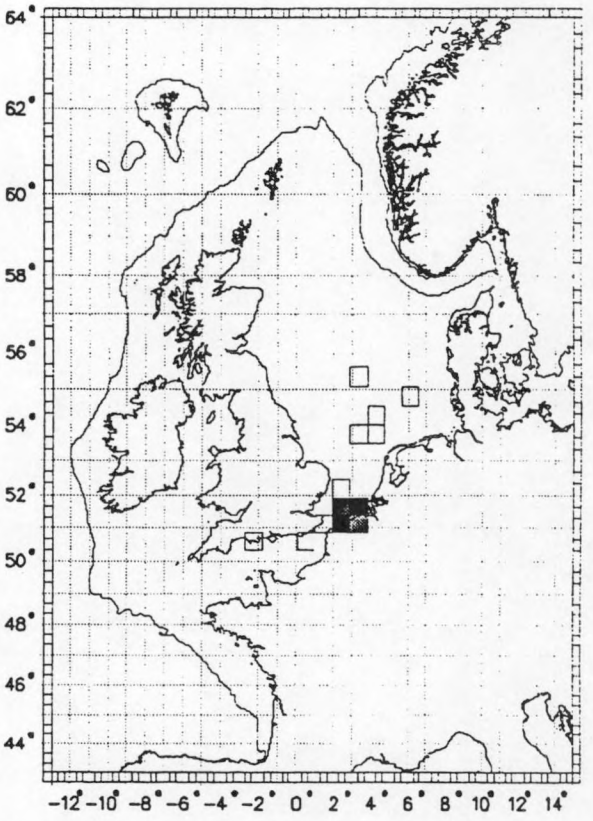


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077133401
ENAME : MUMM (OOST)
UNITS : MG/L
NO. OF DATA : 2009
NO. OF POSITIONS : 75



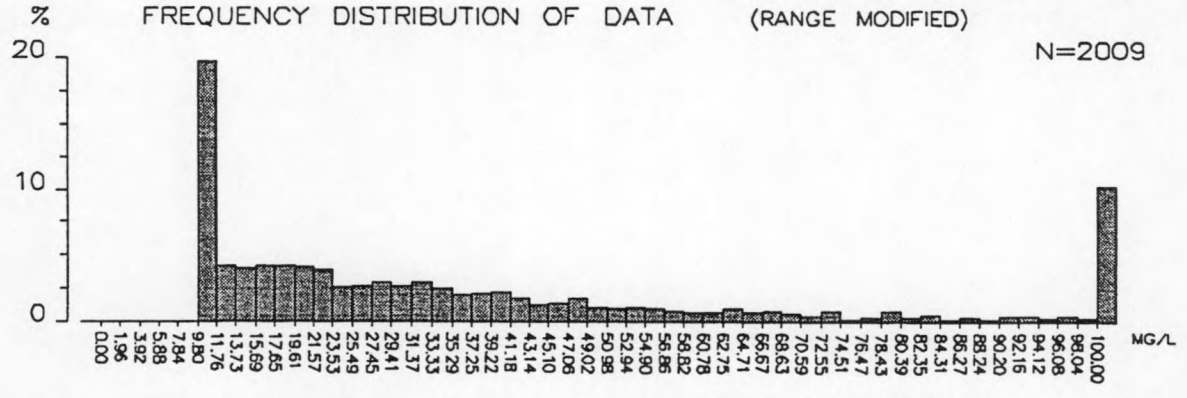
NO. OF DATA/AREA :
(without longterm data series !)

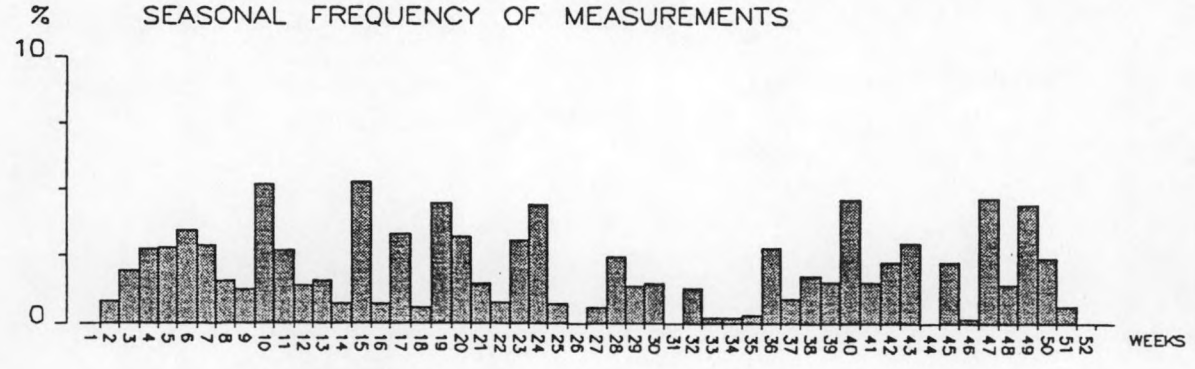
< 715	< 306
< 612	< 204
< 510	< 102
< 408	= 0

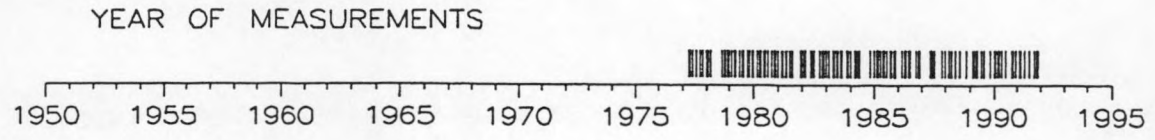
MINIMUM : 10.00
MAXIMUM : 765.50

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077132201

ENAME : NIOZ/Eisma, D.

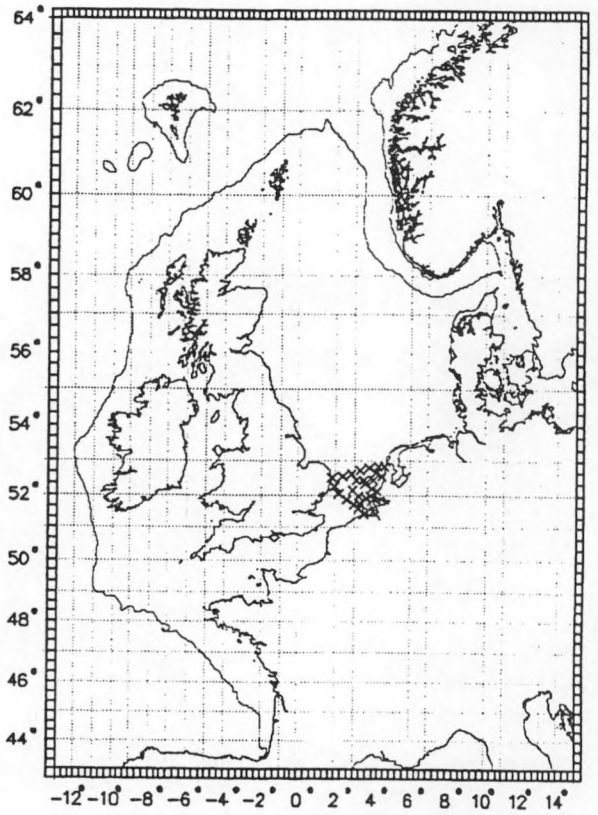
UNITS : MG/L

NO. OF POSITIONS : 26

NO. OF DATA : 52

MINIMUM : 3.98

MAXIMUM : 116.58



NO. OF DATA OUT OF RANGE : 1

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

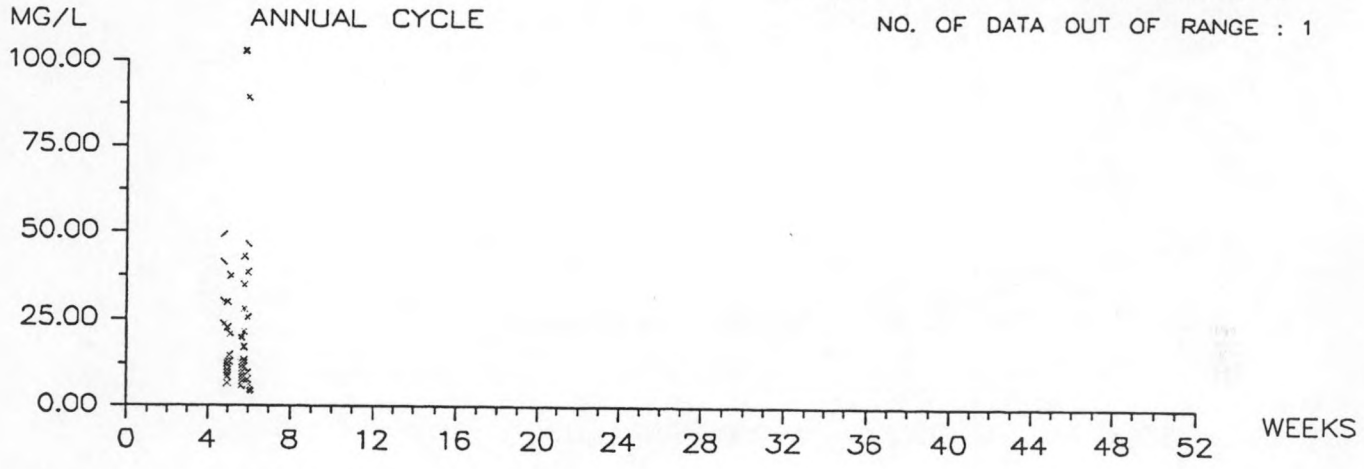
FIRST WEEK : 1

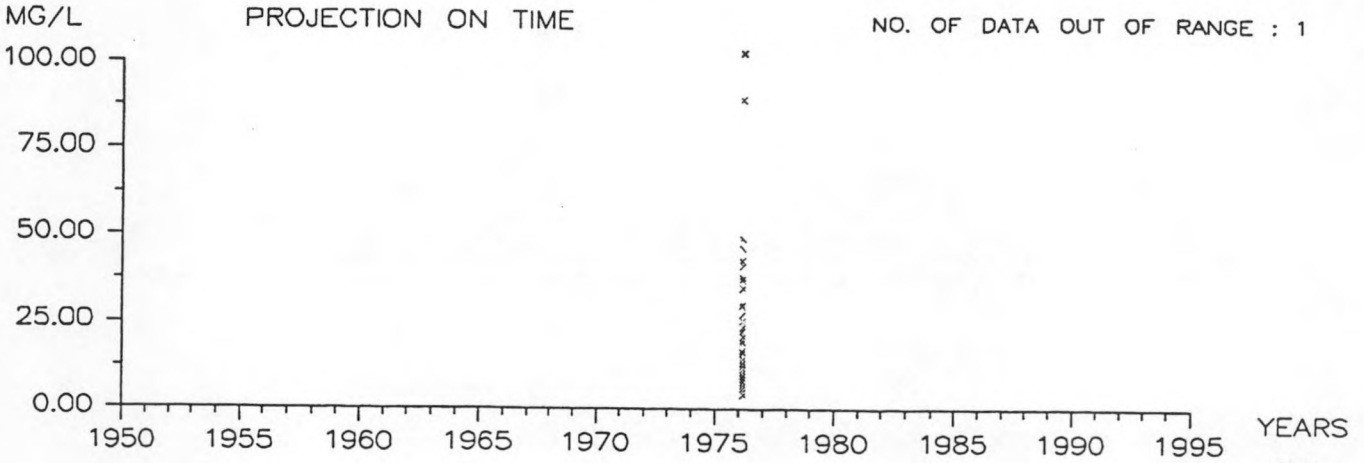
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000





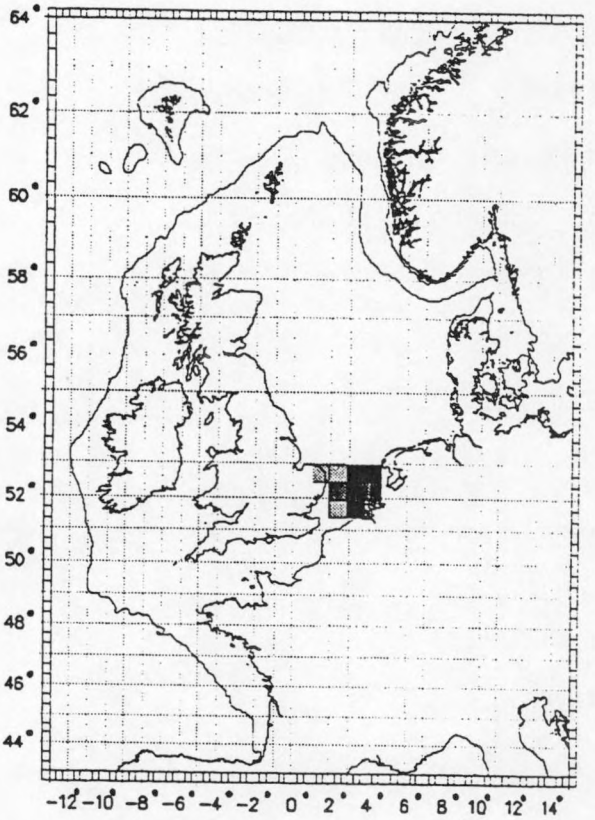
NO. OF DATA OUT OF RANGE : 1

ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077132201
ENAME : NIOZ/Eisma, D.
UNITS : MG/L
NO. OF DATA : 52
NO. OF POSITIONS : 26



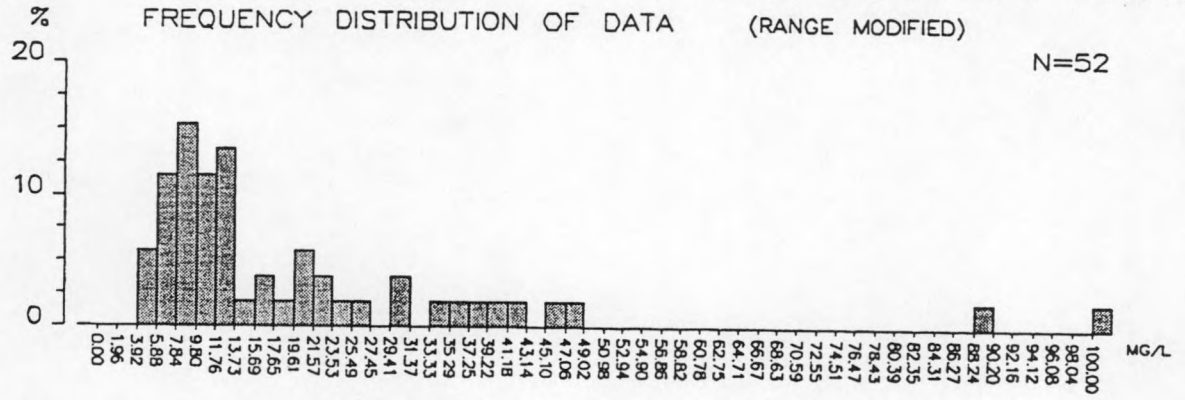
NO. OF DATA/AREA :
(without longterm data series !)

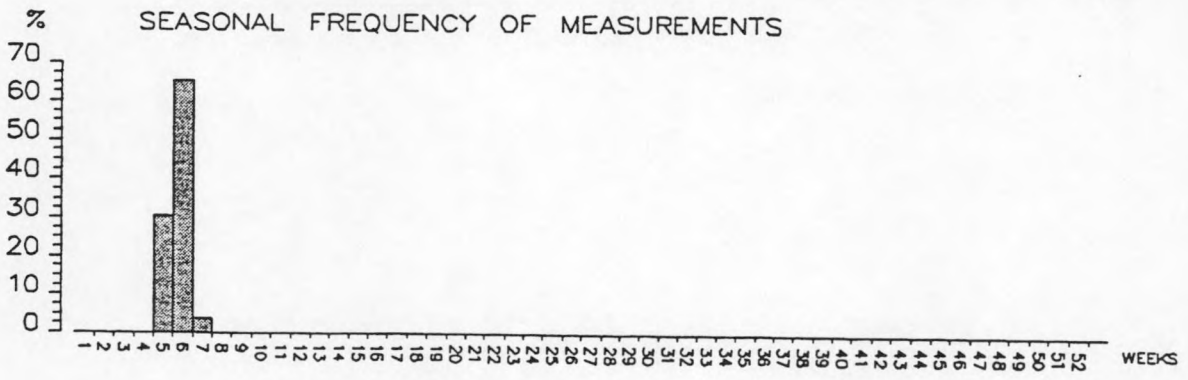
< 12	< 5
< 10	< 3
< 8	< 1
< 6	= 0

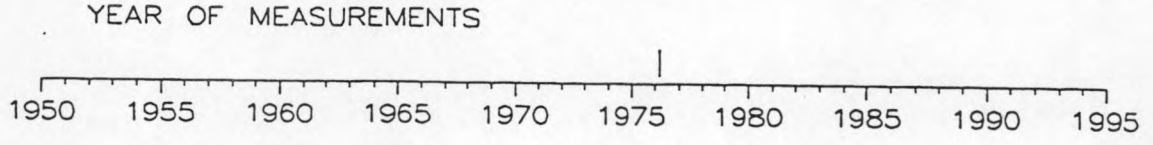
MINIMUM : 3.98
MAXIMUM : 116.58

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077132401

ENAME : NIOZ/Eisma, D.

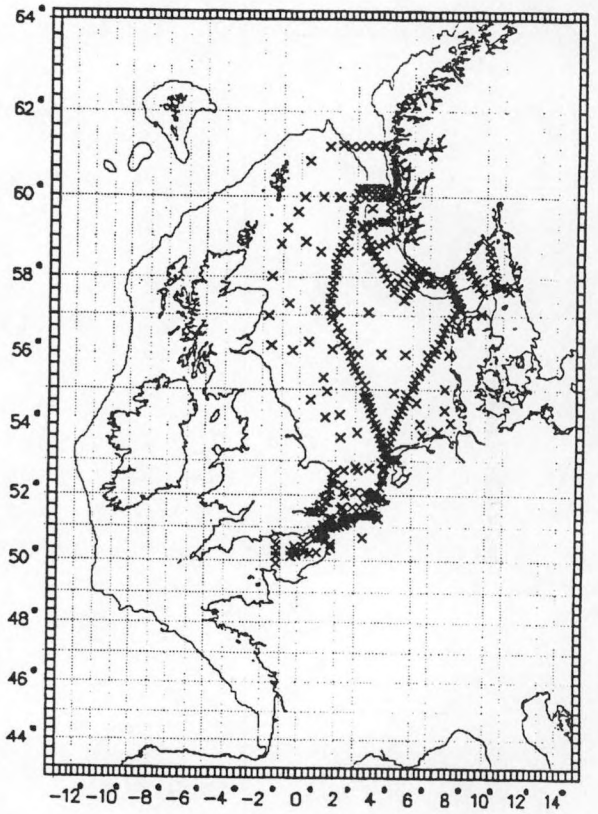
UNITS : MG/L

NO. OF POSITIONS : 355

NO. OF DATA : 991

MINIMUM : 0.07

MAXIMUM : 172.07



NO. OF DATA OUT OF RANGE : 3

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

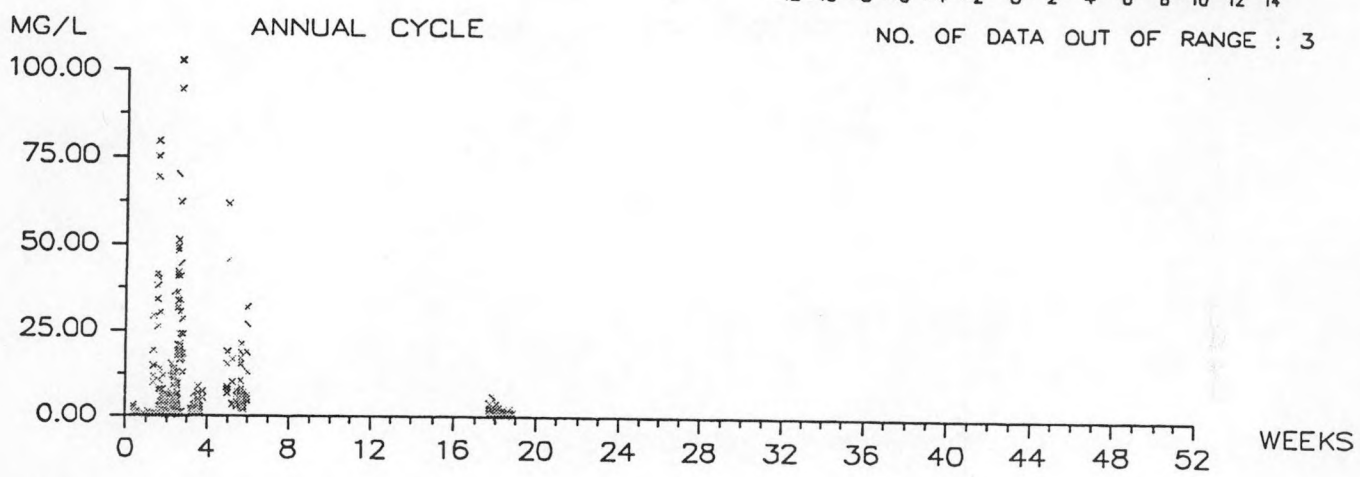
FIRST WEEK : 1

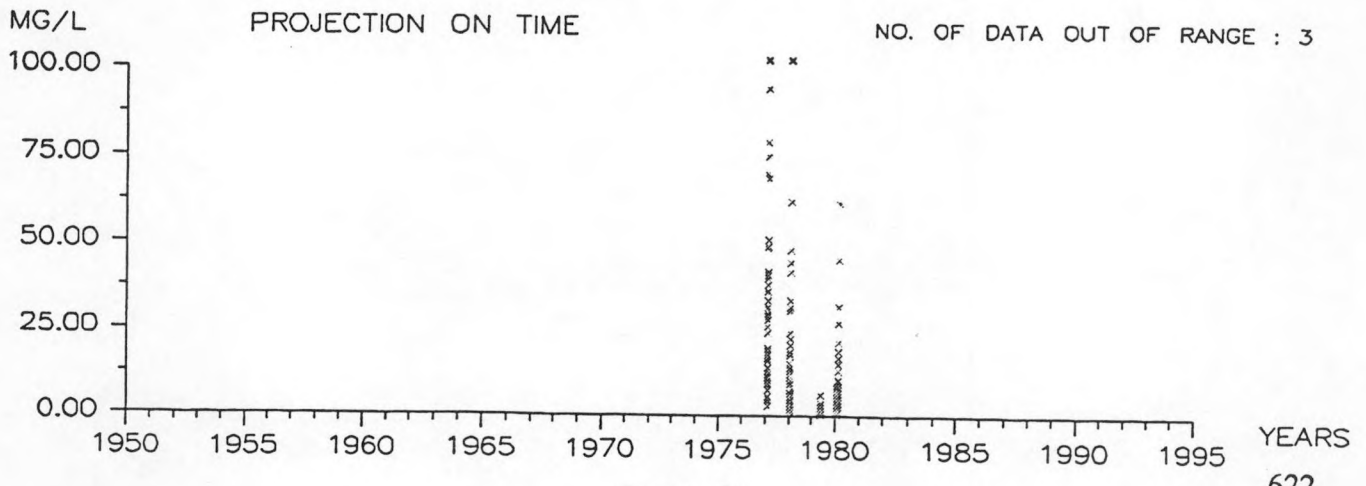
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



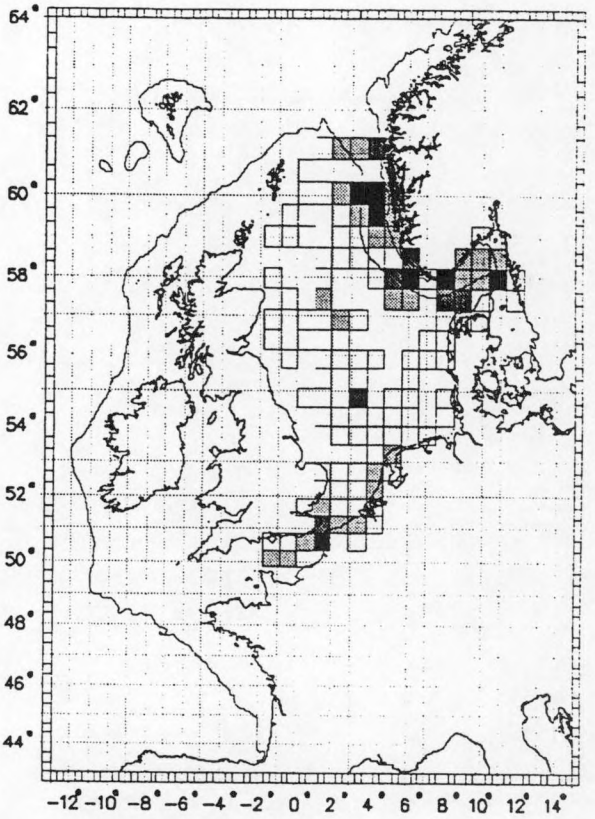


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077132401
ENAME : NIOZ/Eisma, D.
UNITS : MG/L
NO. OF DATA : 991
NO. OF POSITIONS : 355



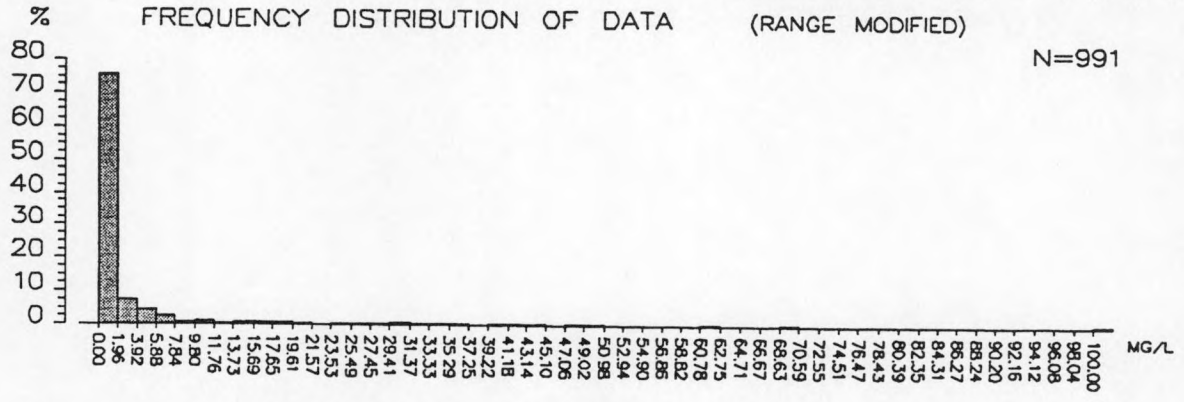
NO. OF DATA/AREA :
(without longterm data series !)

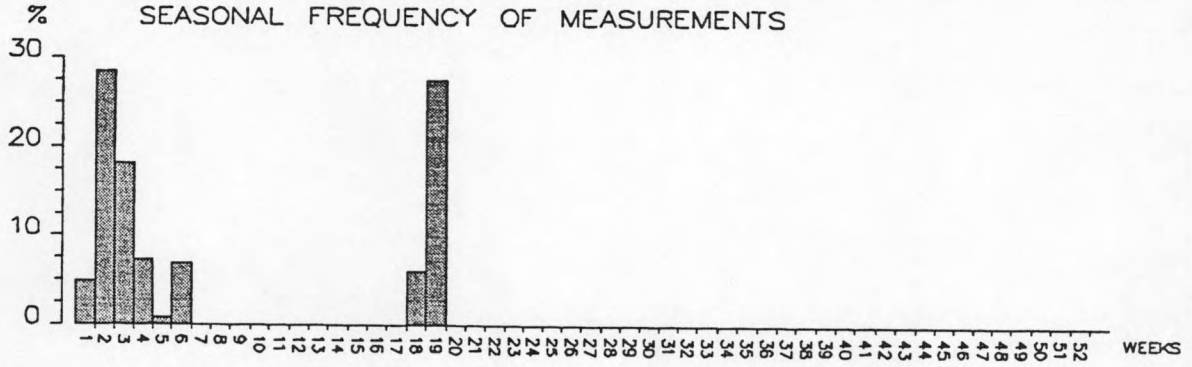
<	51	<	21
<	43	<	14
<	36	<	7
<	29	=	0

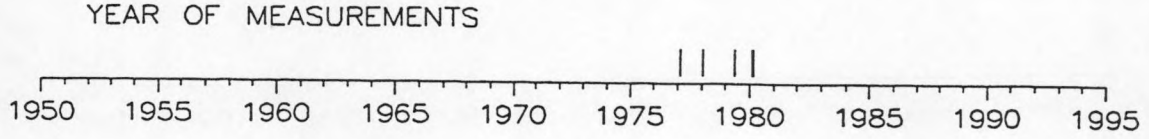
MINIMUM : 0.07
MAXIMUM : 172.07

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000







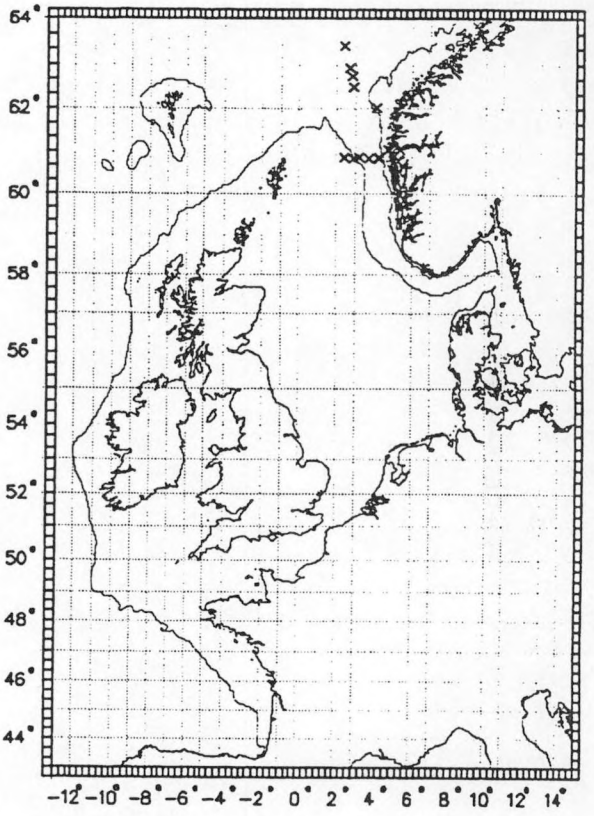
96–10–02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

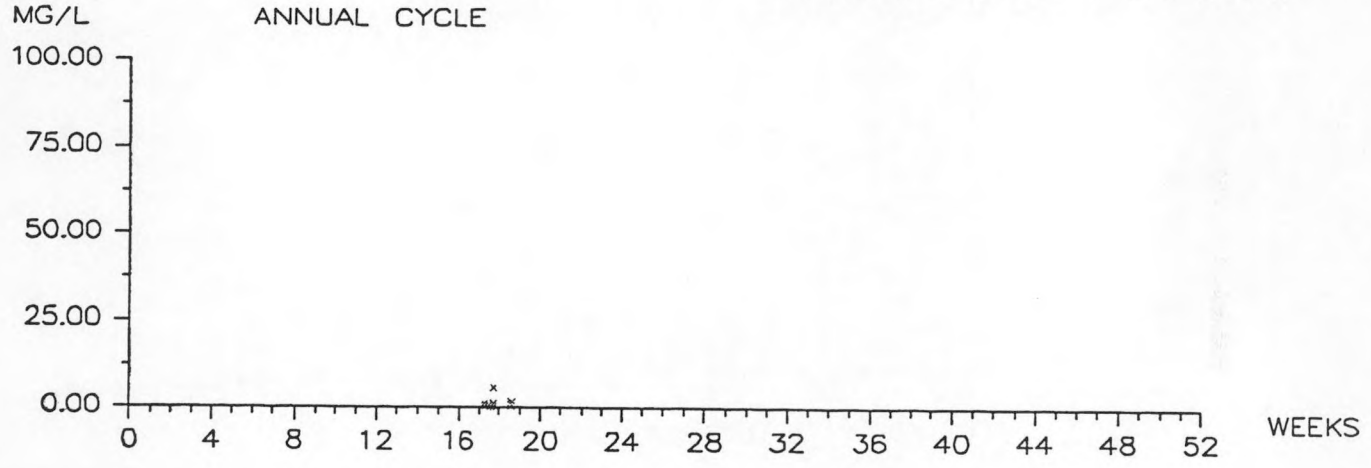
SPM

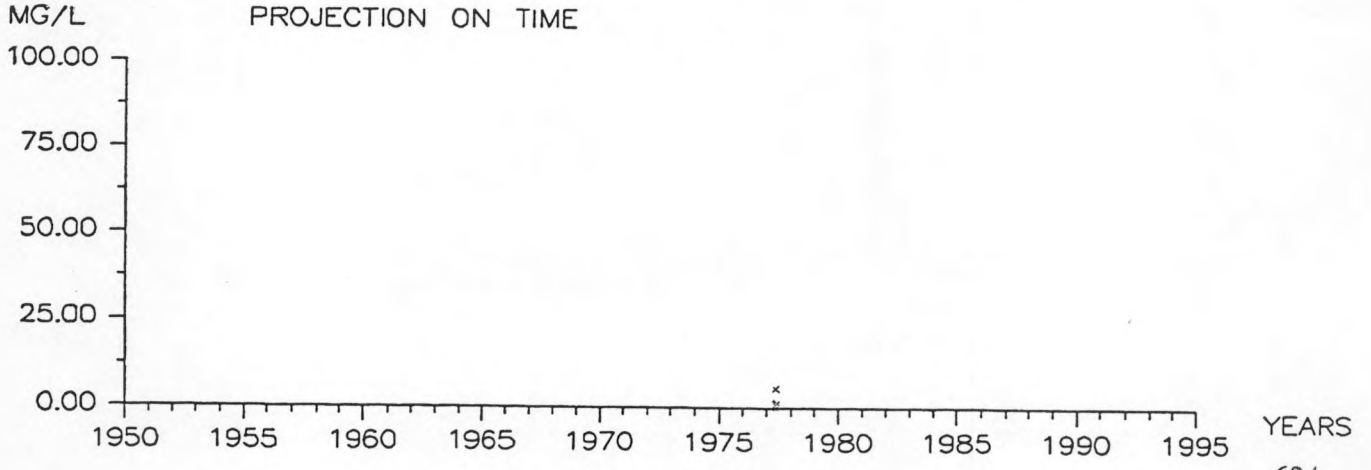
PCODE : 6077132601
ENAME : NIOZ/Eisma, D.
UNITS : MG/L
NO. OF POSITIONS : 13
NO. OF DATA : 56
MINIMUM : 0.01
MAXIMUM : 5.42



MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



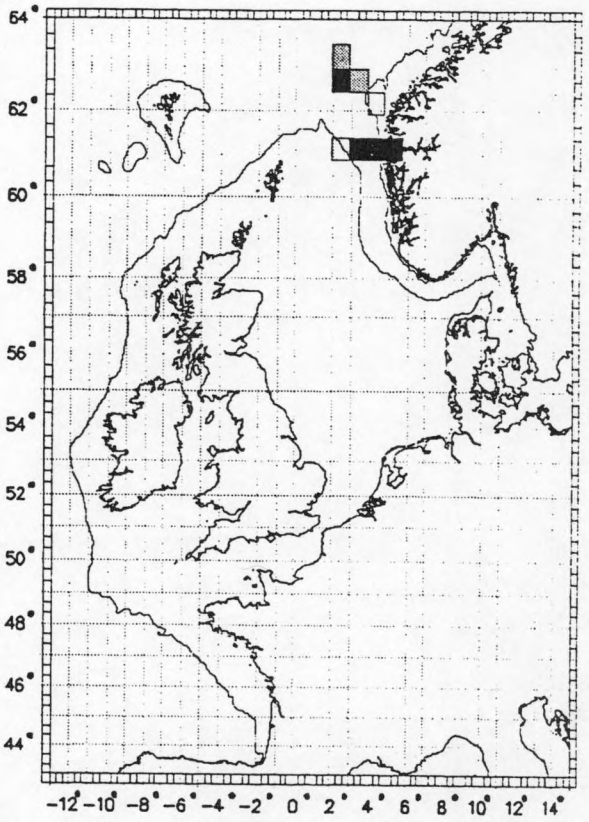


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077132601
ENAME : NIOZ/Eisma, D.
UNITS : MG/L
NO. OF DATA : 56
NO. OF POSITIONS : 13



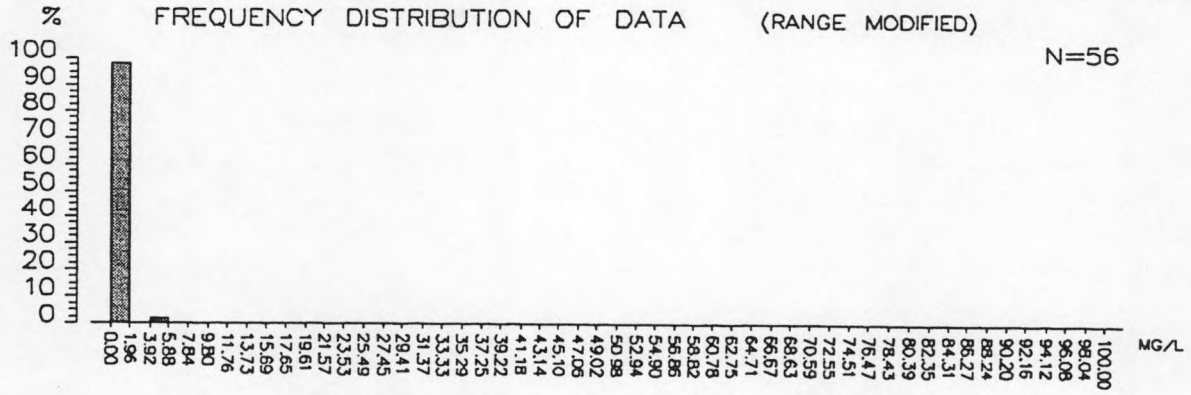
NO. OF DATA/AREA :
(without longterm data series !)

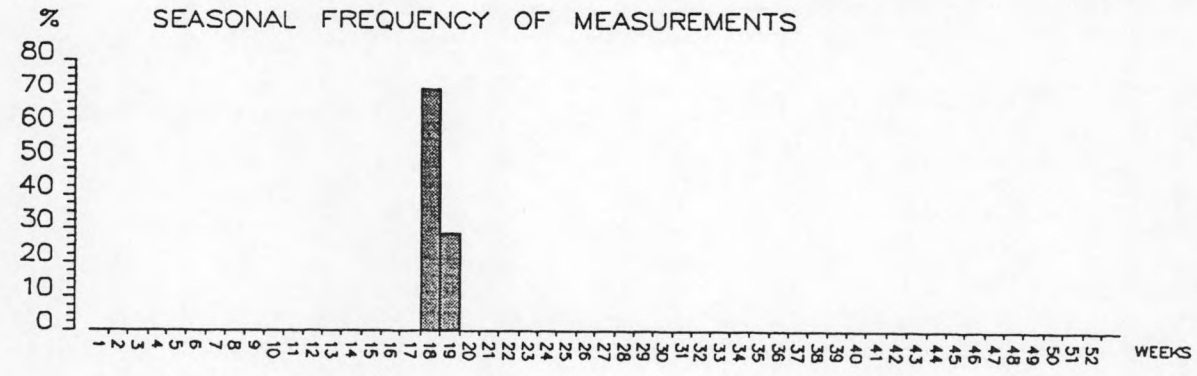
<	16	<	6
<	13	<	4
<	11	<	2
<	9	=	0

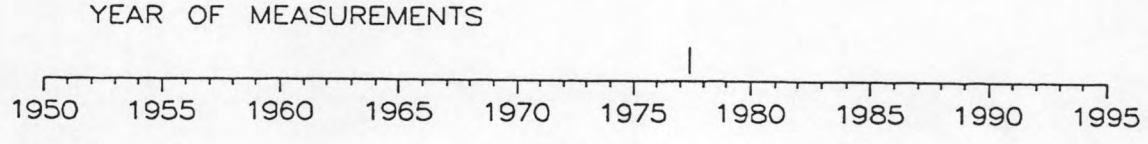
MINIMUM : 0.01
MAXIMUM : 5.42

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077132001

ENAME : Howland, R./Plymouth

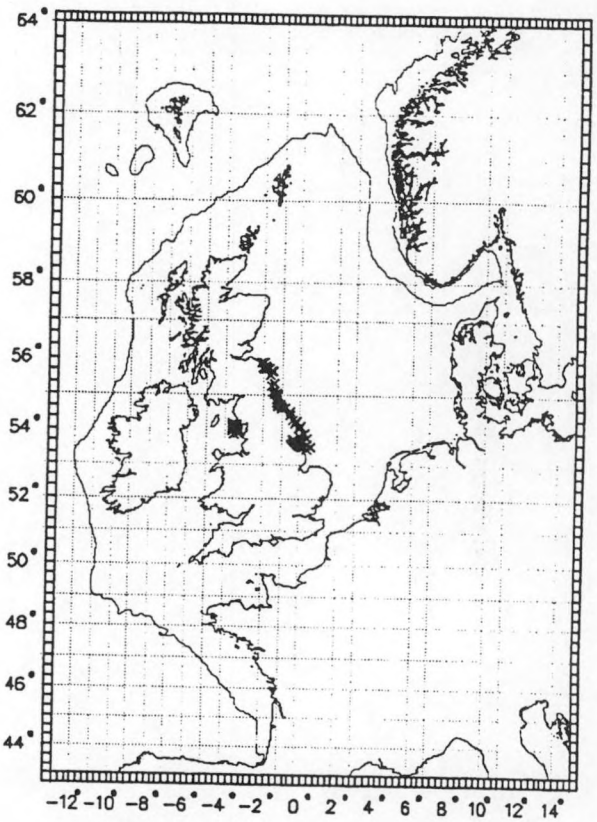
UNITS : MG/L

NO. OF POSITIONS : 106

NO. OF DATA : 240

MINIMUM : 2.10

MAXIMUM : 840.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

FIRST WEEK : 1

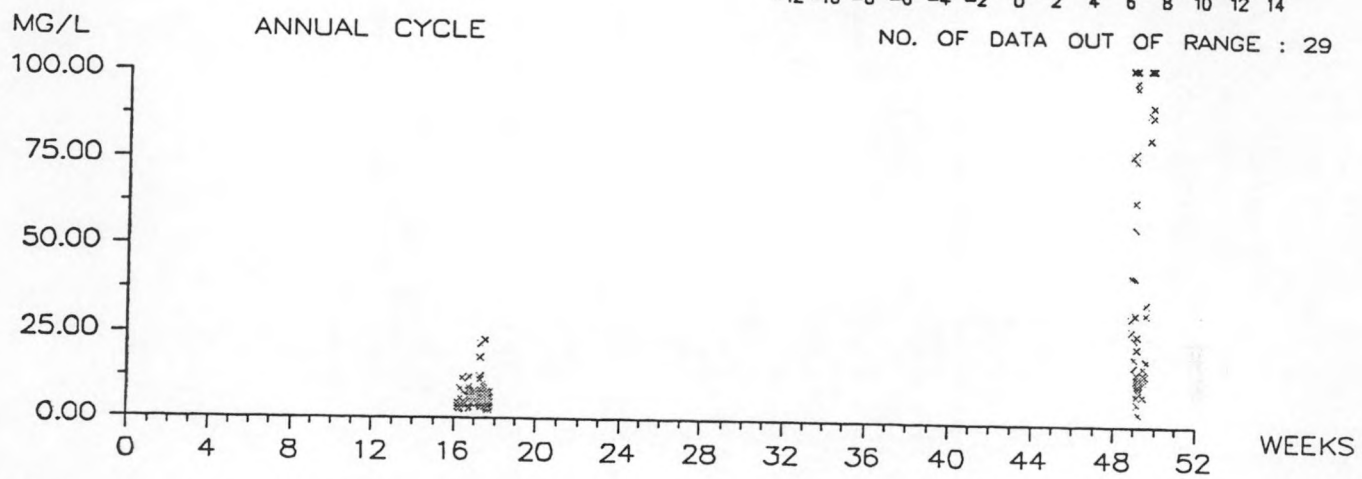
LAST WEEK : 53

DEPTH–RANGE

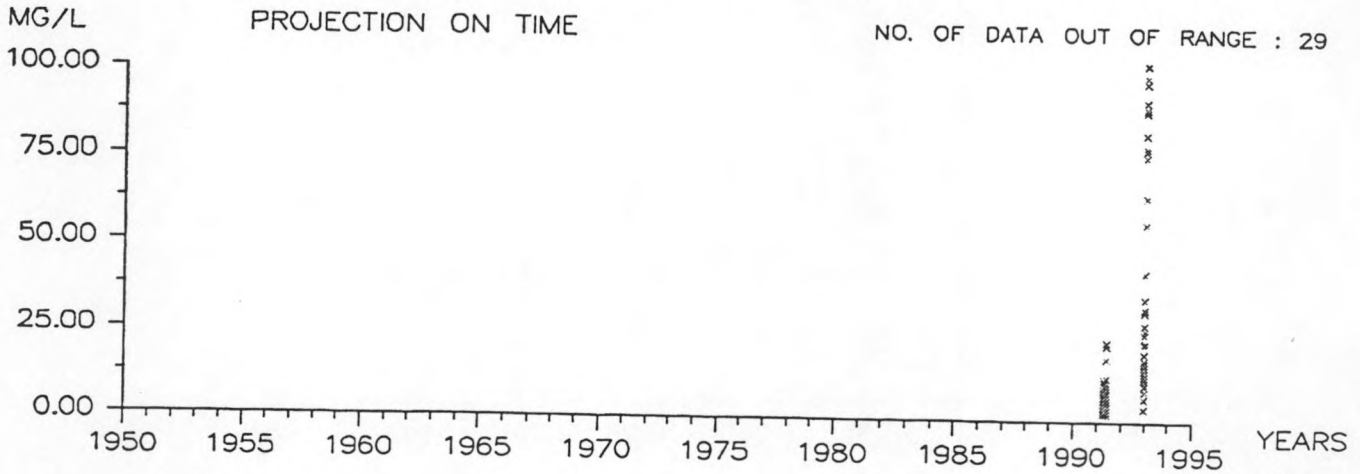
UPPER : 0

LOWER : 2000

NO. OF DATA OUT OF RANGE : 29



NO. OF DATA OUT OF RANGE : 29

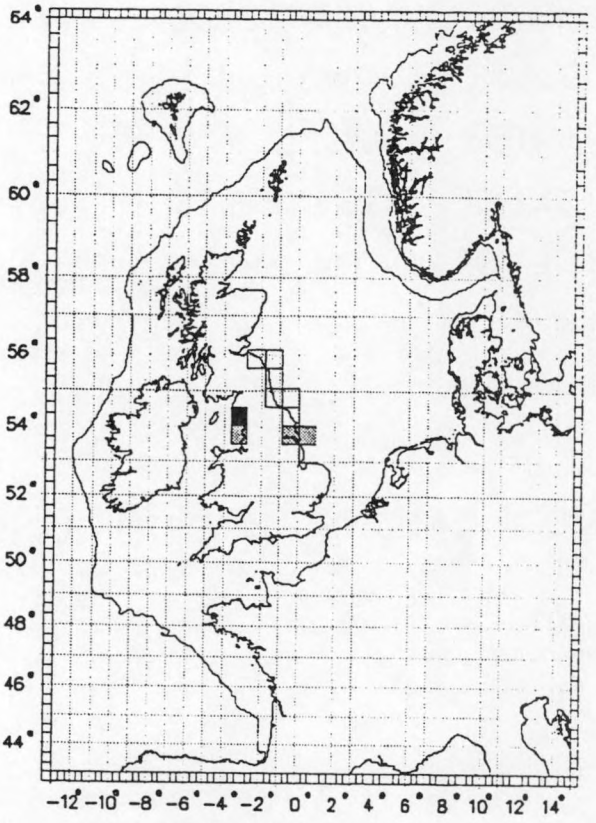


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077132001
ENAME : Howland, R./Plymouth
UNITS : MG/L
NO. OF DATA : 240
NO. OF POSITIONS : 106



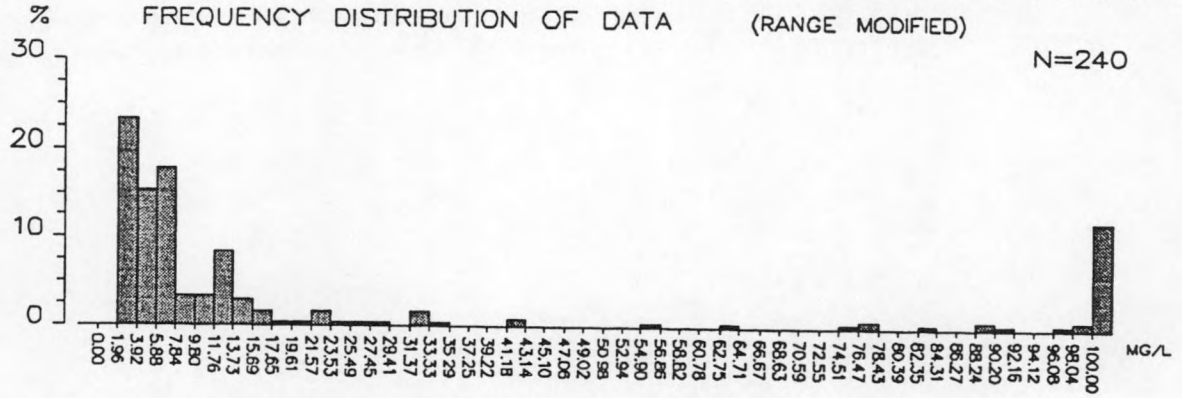
NO. OF DATA/AREA :
(without longterm data series !)

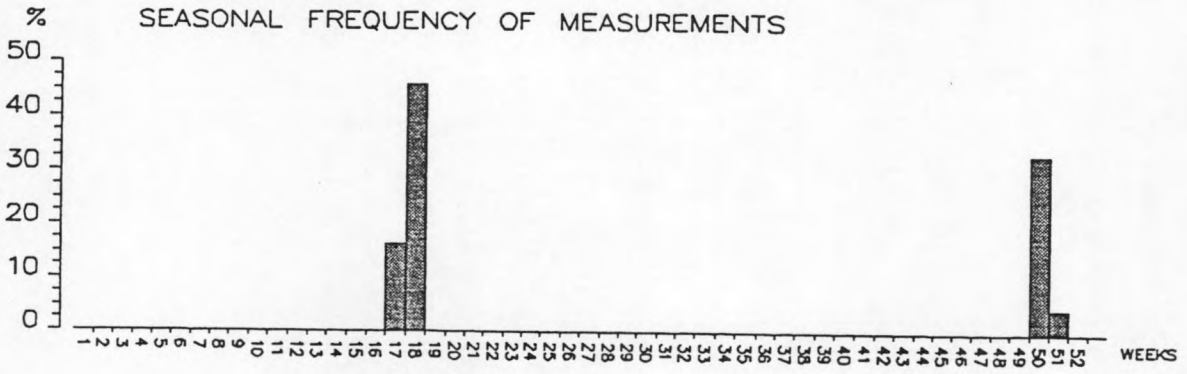
< 119	< 51
< 102	< 34
< 85	< 17
< 68	= 0

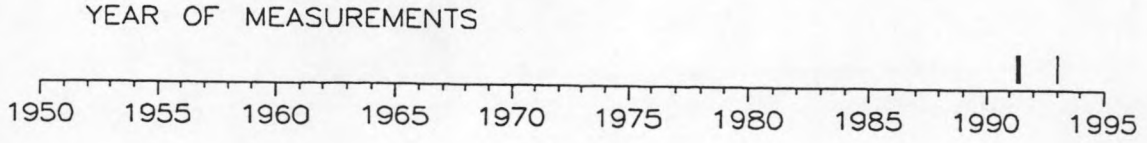
MINIMUM : 2.10
MAXIMUM : 840.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







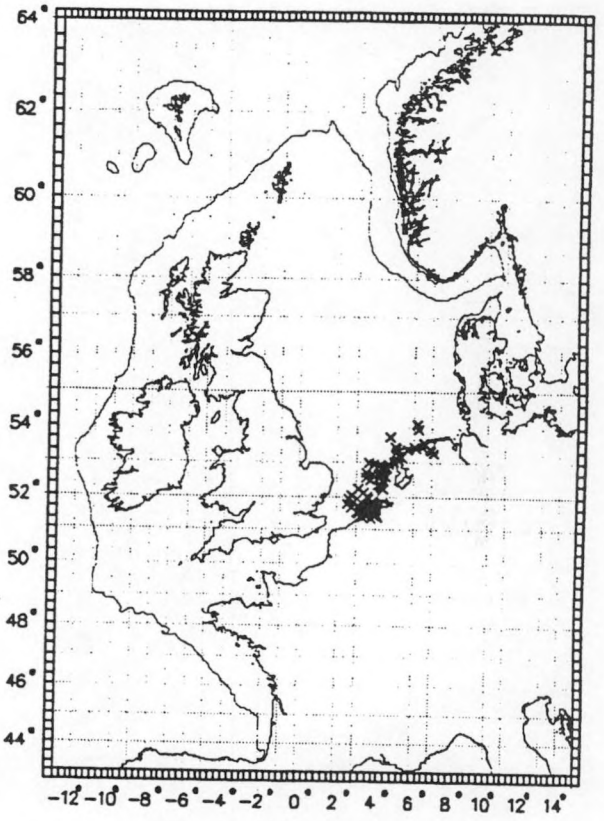
96-10-02

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA—PROJECTIONS ON TIME

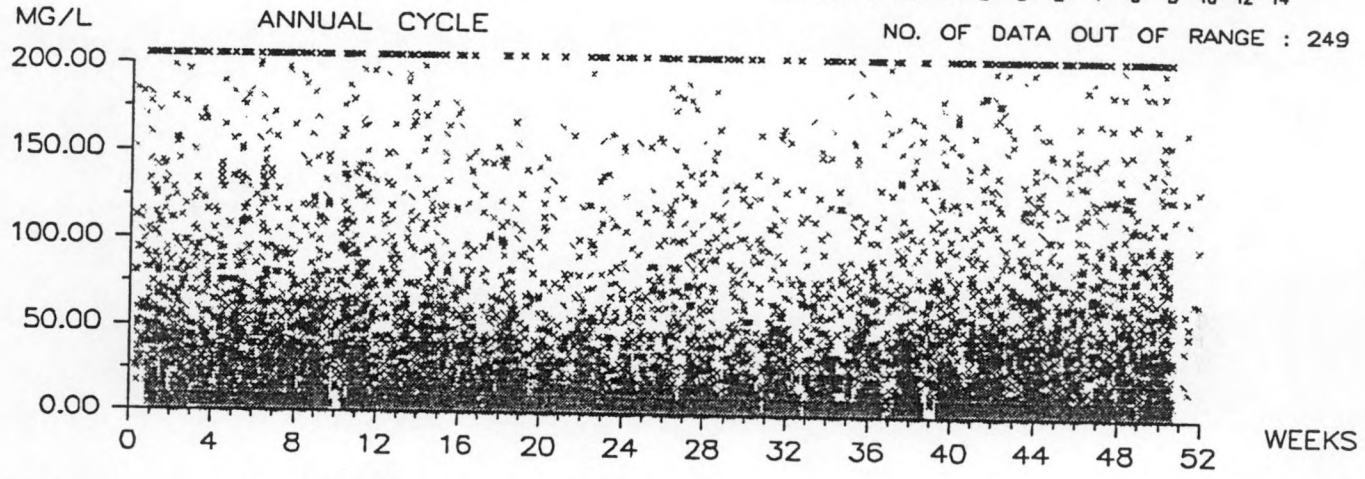
SPM

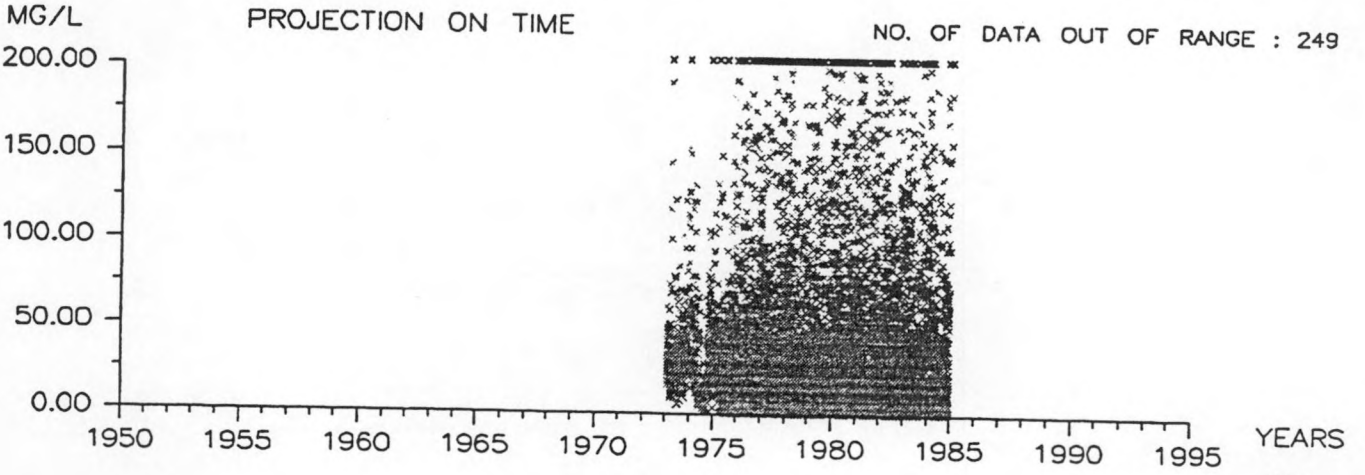
PCODE : 6077130001
ENAME : RWS / Laane, R.
UNITS : MG/L
NO. OF POSITIONS : 81
NO. OF DATA : 14355
MINIMUM : 0.00
MAXIMUM : 881.00



MODIFICATIONS
TIME—INTERVALL :
FIRST DATE : 50—01—01
LAST DATE : 95—12—31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH—RANGE
UPPER : 0
LOWER : 2000



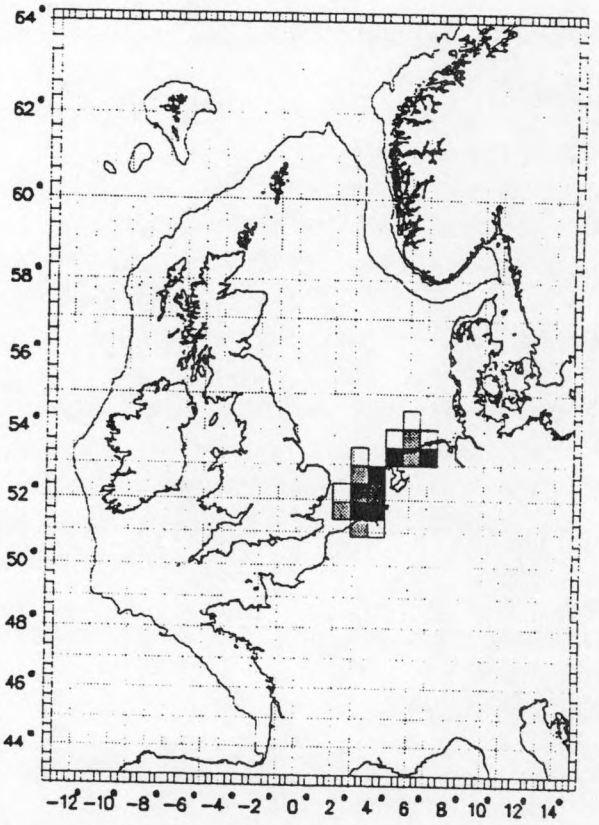


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077130001
ENAME : RWS / Laane, R.
UNITS : MG/L
NO. OF DATA : 14355
NO. OF POSITIONS : 81



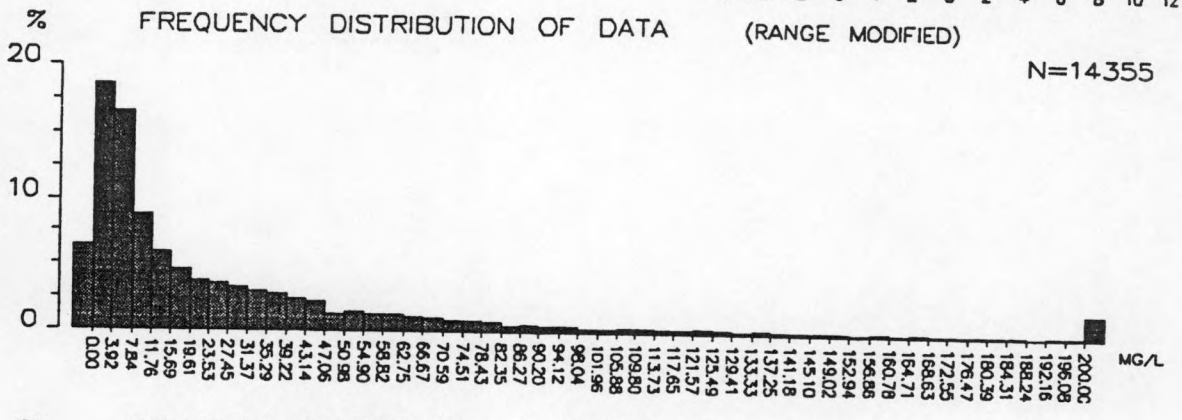
NO. OF DATA/AREA :
(without longterm data series !)

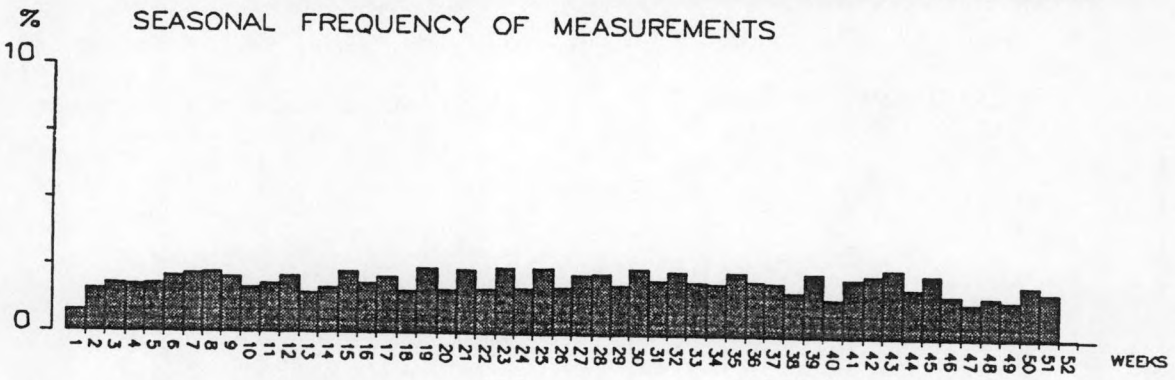
< 2585	< 1107
< 2215	< 738
< 1846	< 369
< 1477	= 0

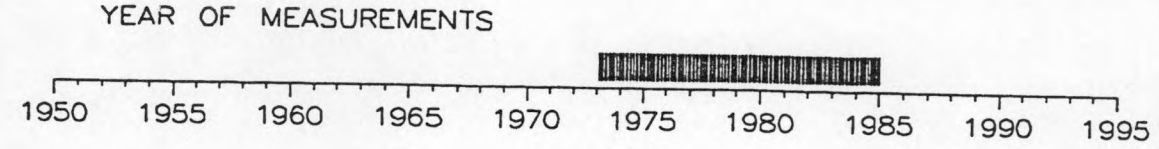
MINIMUM : 0.00
MAXIMUM : 881.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077134301

ENAME : RWS / Laane, R.

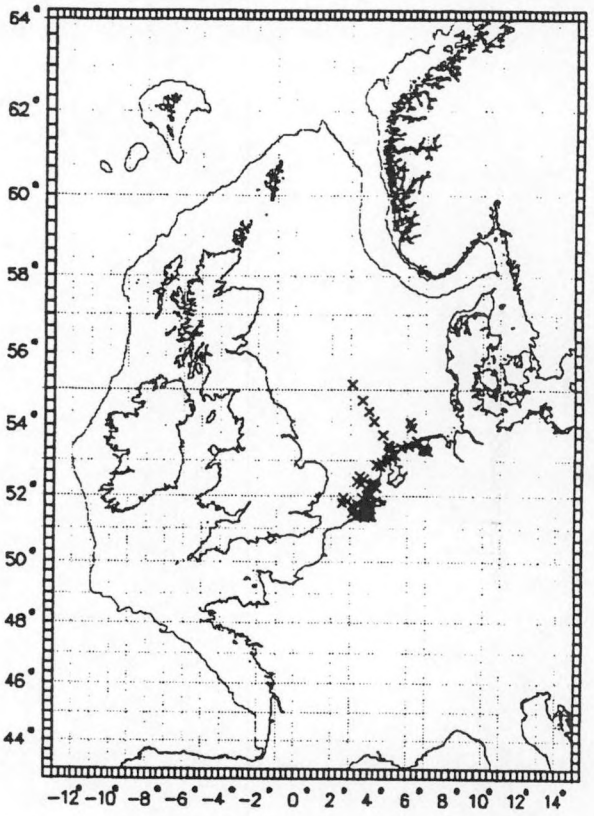
UNITS : MG/L

NO. OF POSITIONS : 75

NO. OF DATA : 8477

MINIMUM : 0.00

MAXIMUM : 991.00



MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

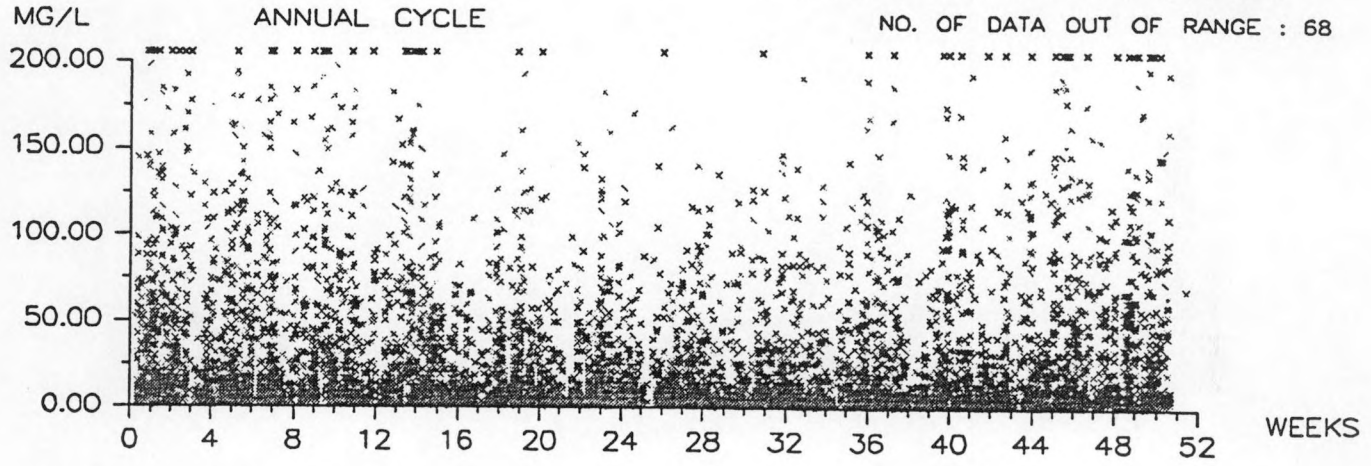
FIRST WEEK : 1

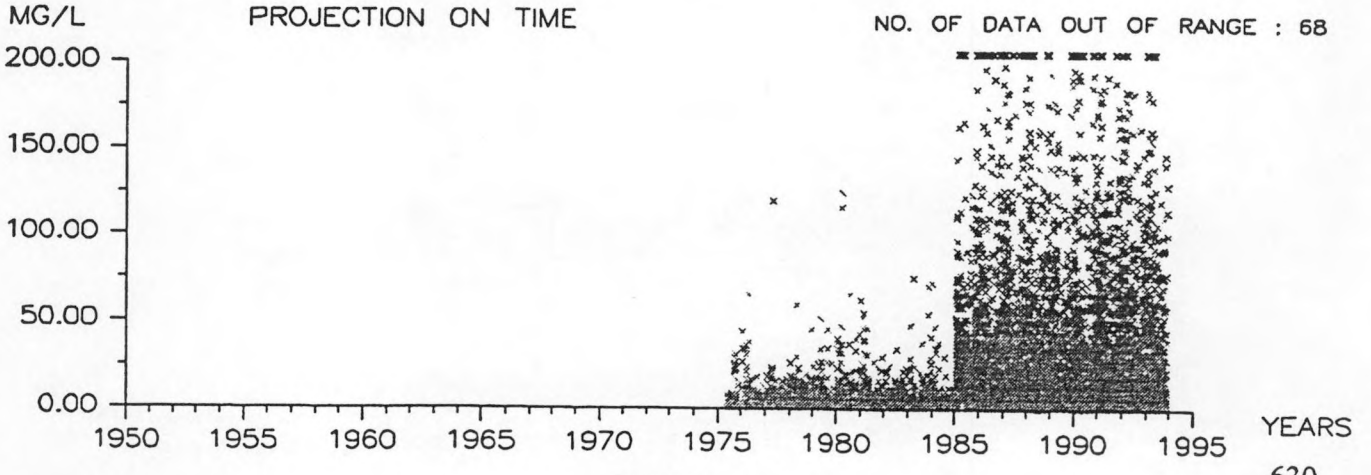
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



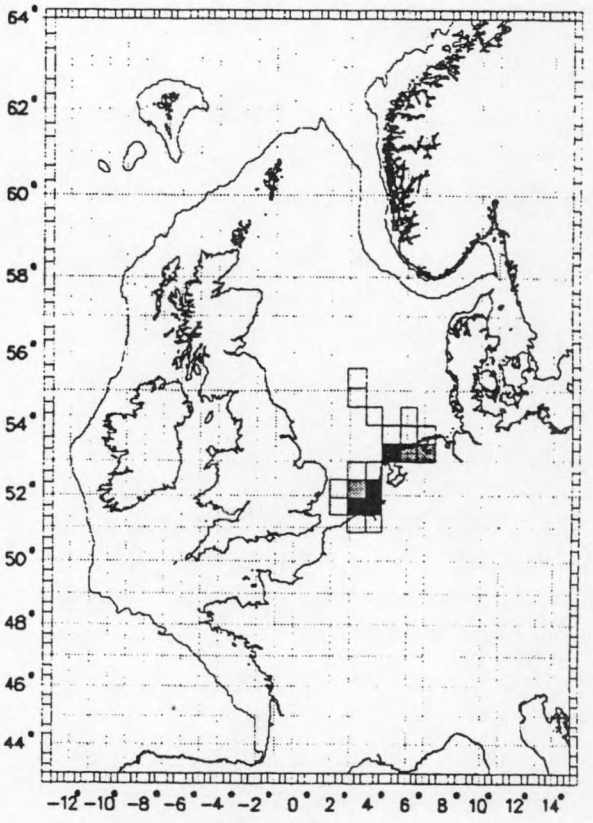


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077134301
ENAME : RWS / Laane, R.
UNITS : MG/L
NO. OF DATA : 8477
NO. OF POSITIONS : 75



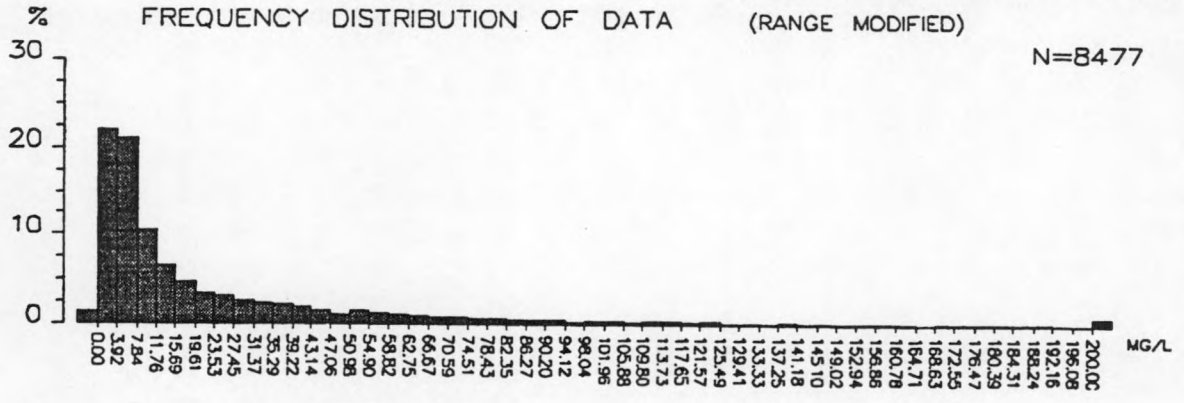
NO. OF DATA/AREA :
(without longterm data series !)

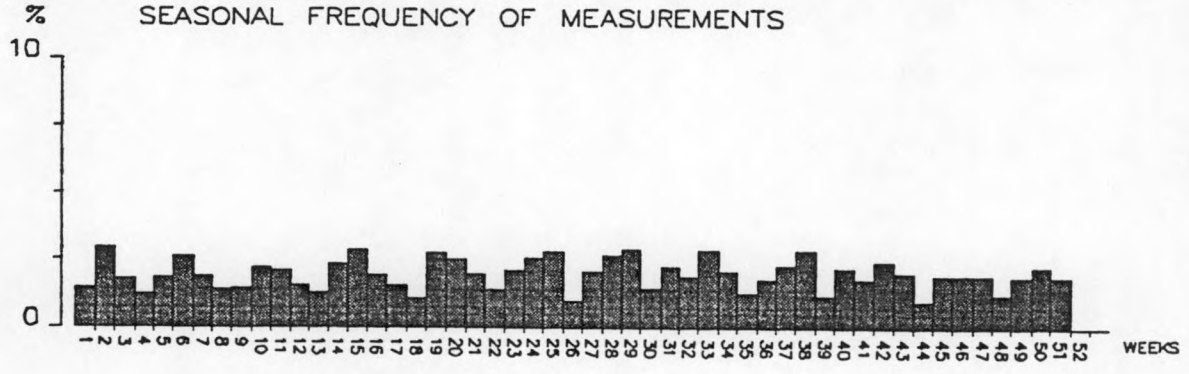
< 2254	< 966
< 1932	< 644
< 1610	< 322
< 1288	= 0

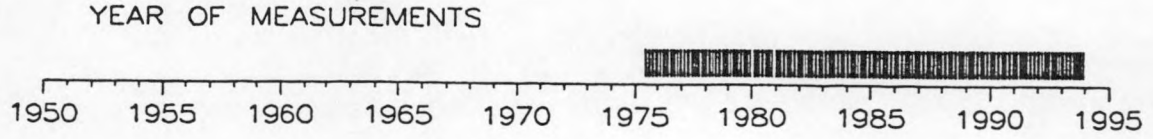
MINIMUM : 0.00
MAXIMUM : 991.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







97-06-10

ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

PCODE : 6077130001

ENAME : RWS–RIZA

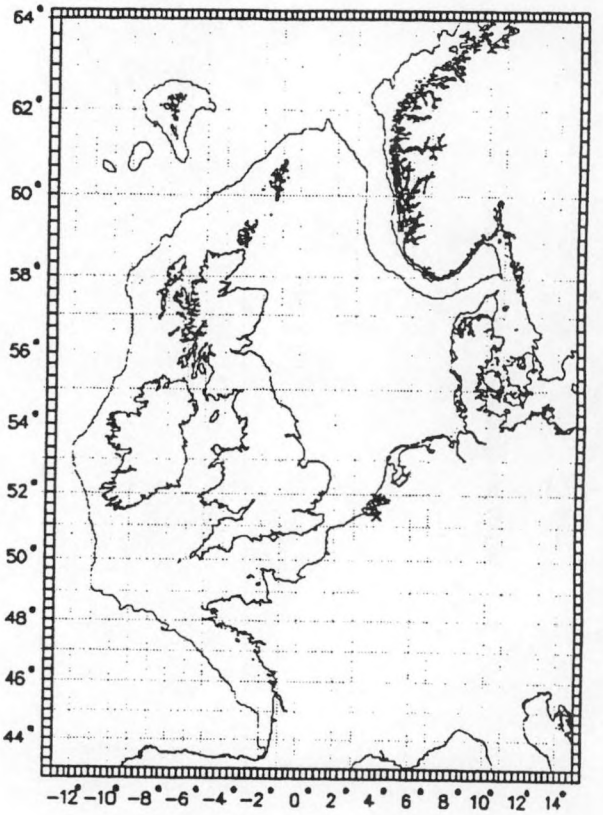
UNITS : MG/L

NO. OF POSITIONS : 2

NO. OF DATA : 553

MINIMUM : 1.00

MAXIMUM : 248.00



NO. OF DATA OUT OF RANGE : 2

MODIFICATIONS

TIME–INTERVALL :

FIRST DATE : 50–01–01

LAST DATE : 95–12–31

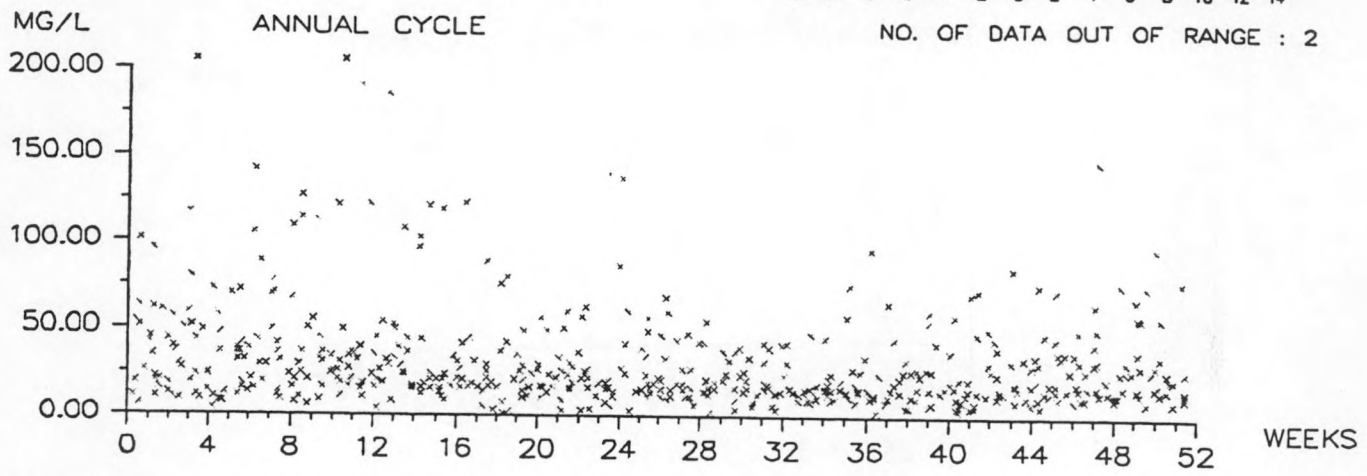
FIRST WEEK : 1

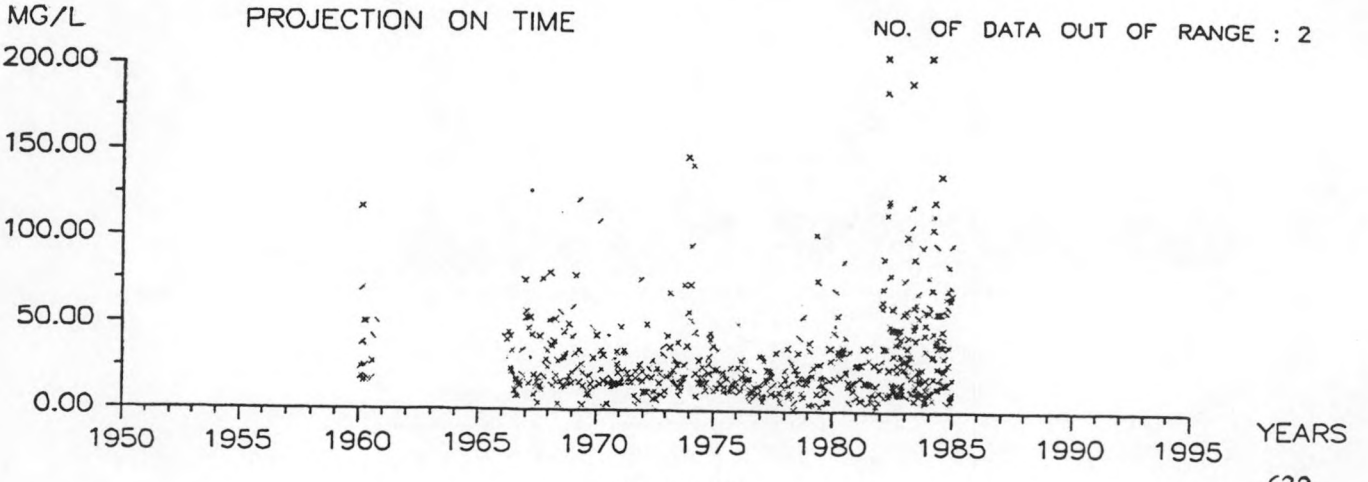
LAST WEEK : 53

DEPTH–RANGE

UPPER : 0

LOWER : 2000



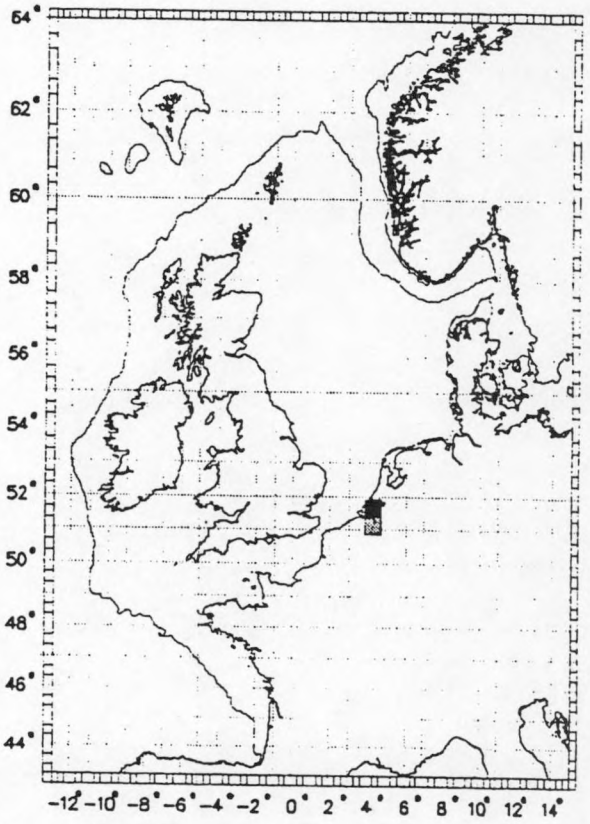


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077130001
ENAME : RWS-RIZA
UNITS : MG/L
NO. OF DATA : 553
NO. OF POSITIONS : 2



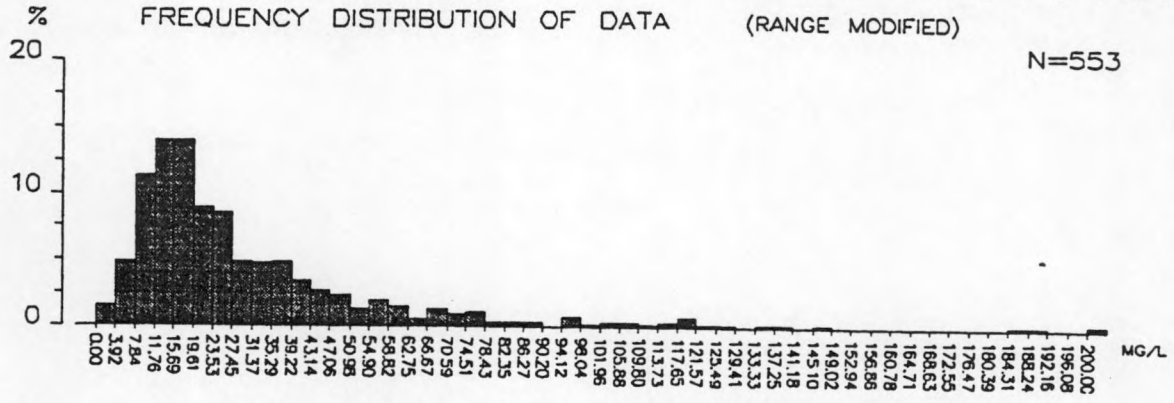
NO. OF DATA/AREA :
(without longterm data series !)

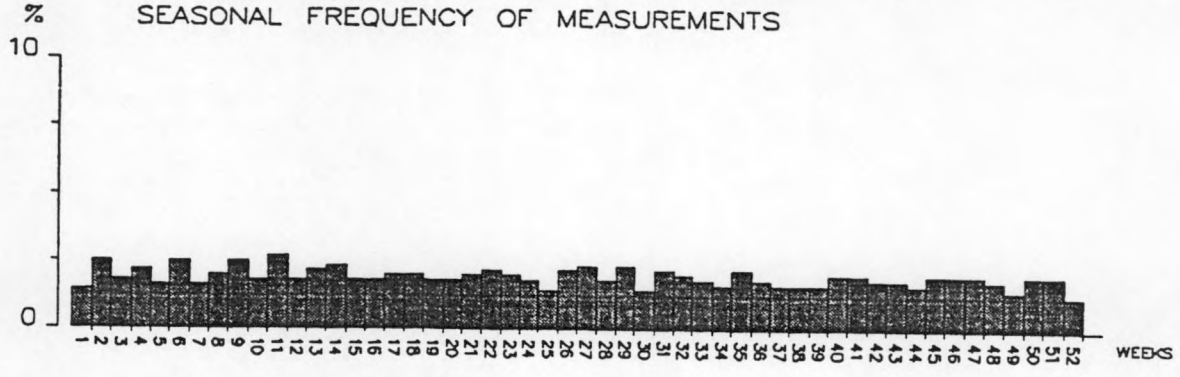
< 473	< 202
< 405	< 135
< 337	< 67
< 270	= 0

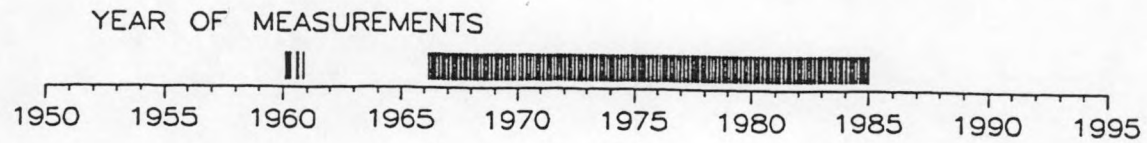
MINIMUM : 1.00
MAXIMUM : 248.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000





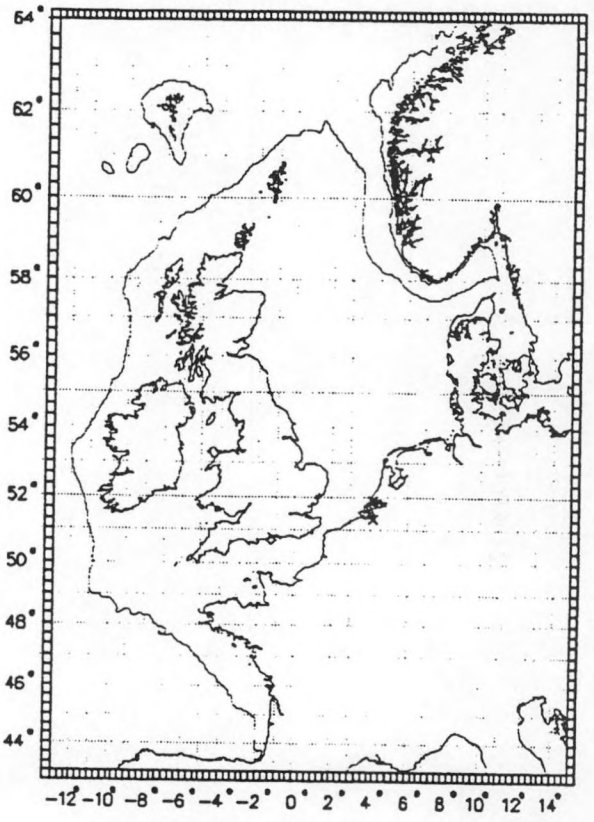


ECOMOD — PARAMETER — REPORT

POSITIONS AND DATA–PROJECTIONS ON TIME

SPM

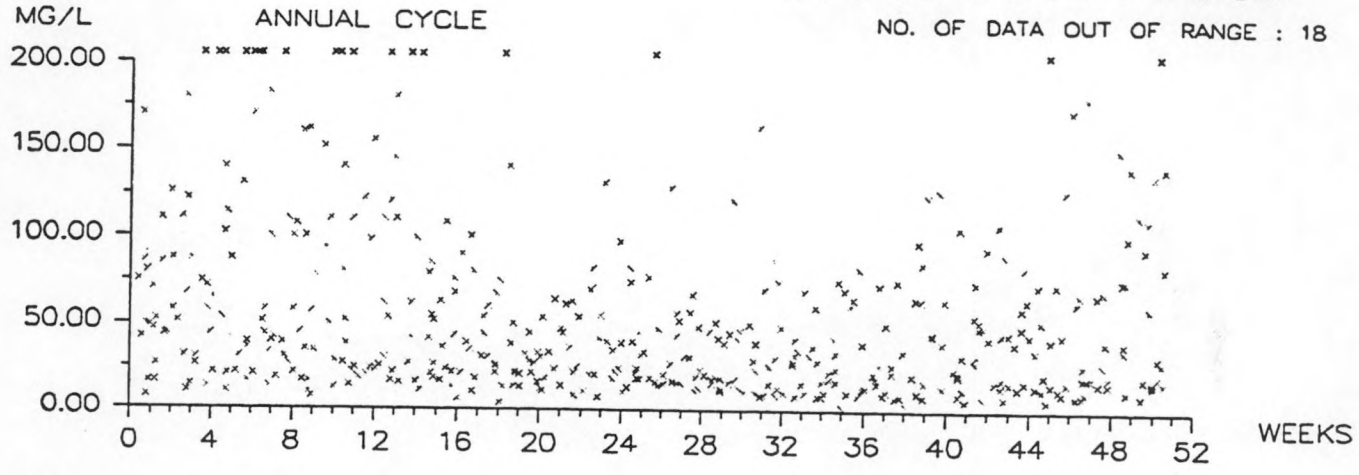
PCODE : 6077134301
ENAME : RWS–RIZA
UNITS : MG/L
NO. OF POSITIONS : 2
NO. OF DATA : 466
MINIMUM : 2.00
MAXIMUM : 640.00

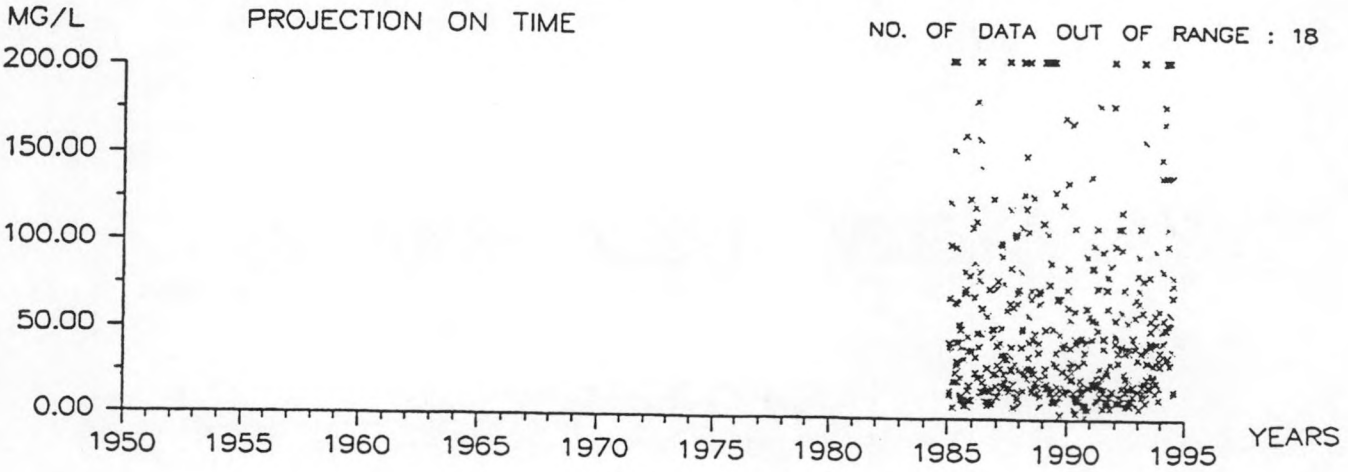


NO. OF DATA OUT OF RANGE : 18

MODIFICATIONS
TIME–INTERVALL :
FIRST DATE : 50–01–01
LAST DATE : 95–12–31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH–RANGE
UPPER : 0
LOWER : 2000



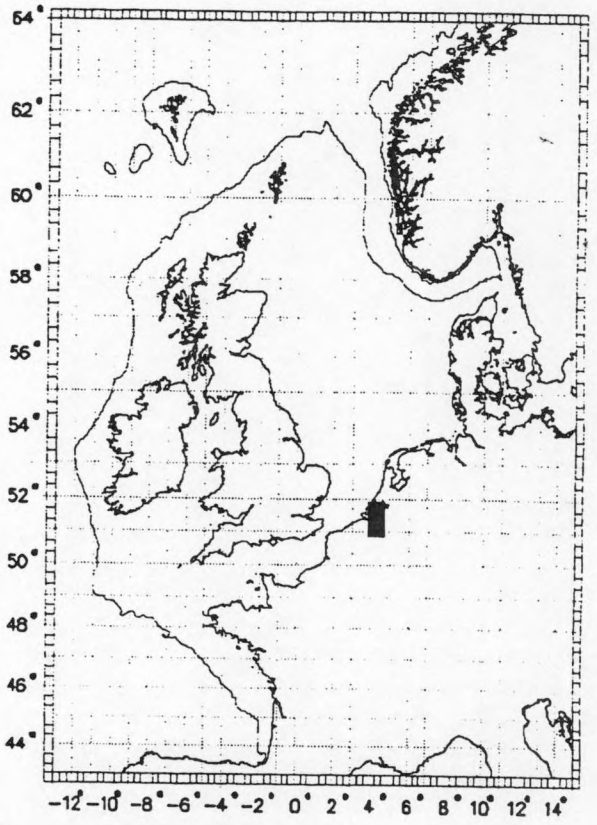


ECOMOD — PARAMETER — REPORT

SAMPLING FREQUENCY IN SPACE AND TIME

SPM

PCODE : 6077134301
ENAME : RWS-RIZA
UNITS : MG/L
NO. OF DATA : 466
NO. OF POSITIONS : 2



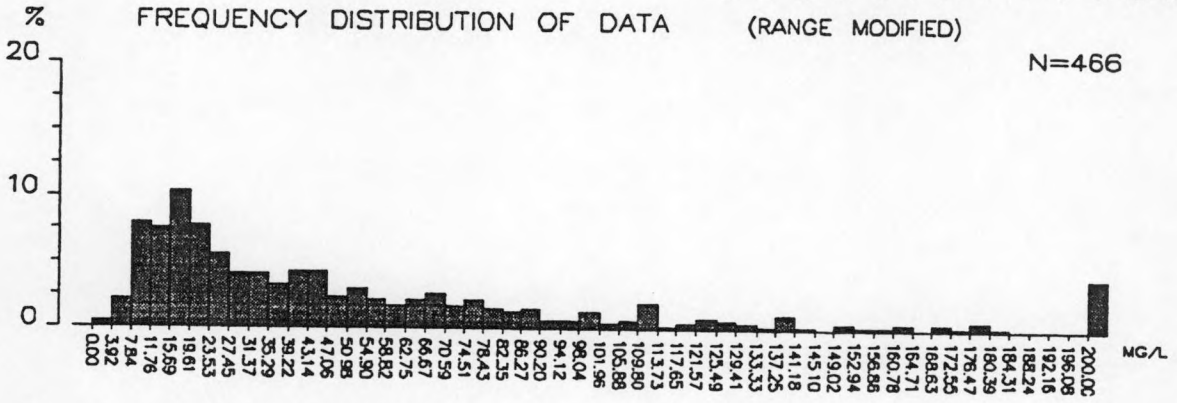
NO. OF DATA/AREA :
(without longterm data series !)

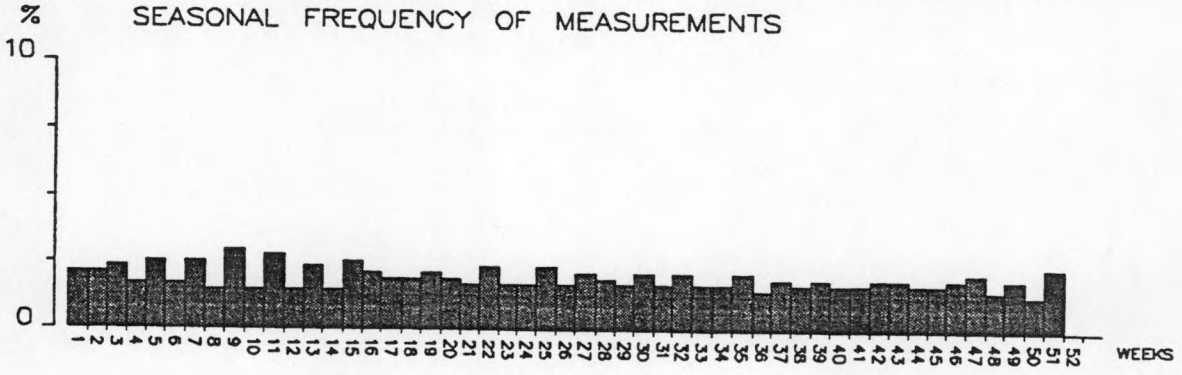
< 233	< 99
< 199	< < 66
< 166	< < 33
< 133	= 0

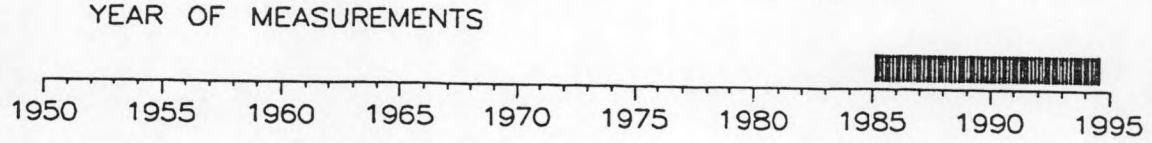
MINIMUM : 2.00
MAXIMUM : 640.00

MODIFICATIONS
TIME-INTERVALL :
FIRST DATE : 50-01-01
LAST DATE : 95-12-31
FIRST WEEK : 1
LAST WEEK : 53

DEPTH-RANGE
UPPER : 0
LOWER : 2000







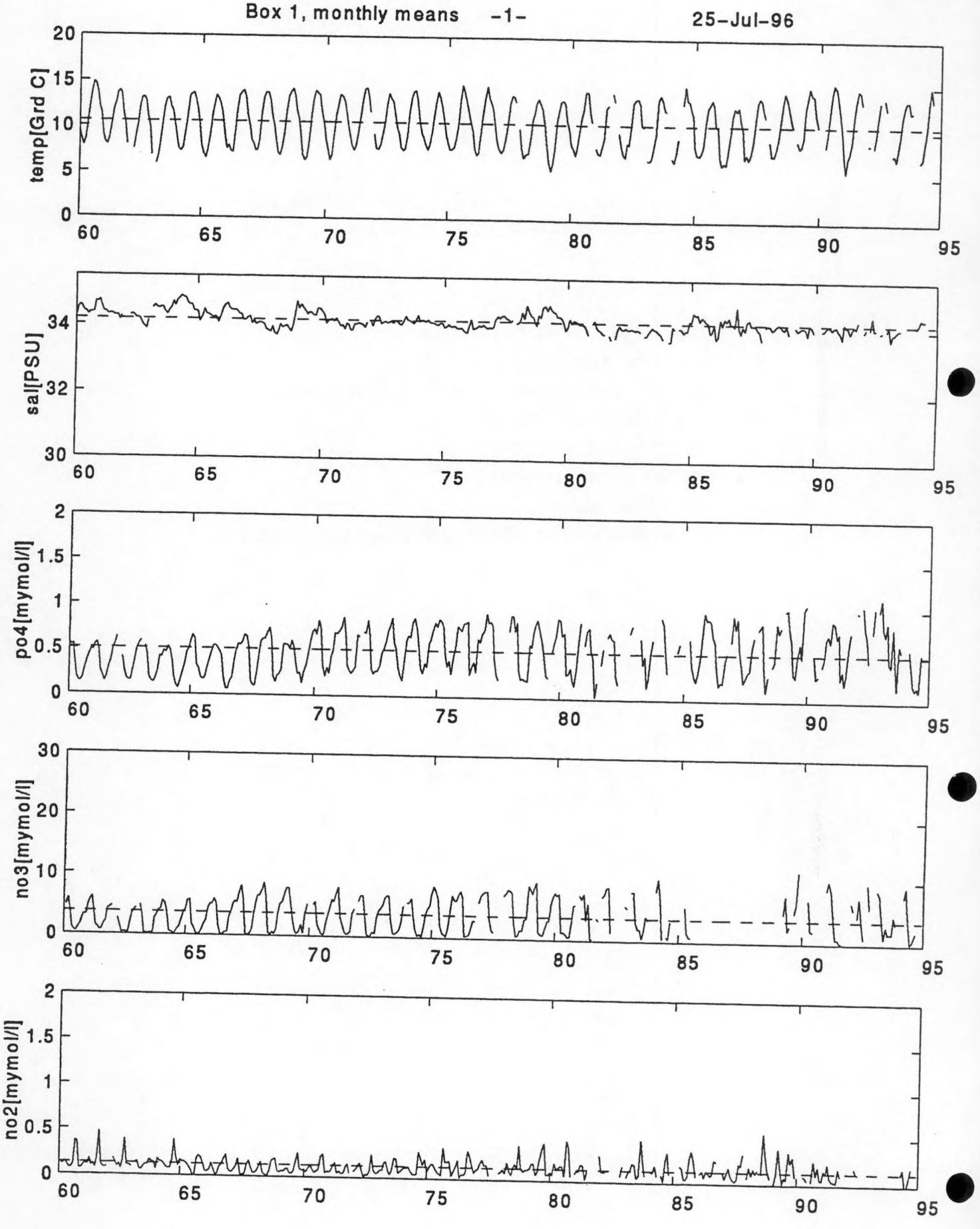
Part 3

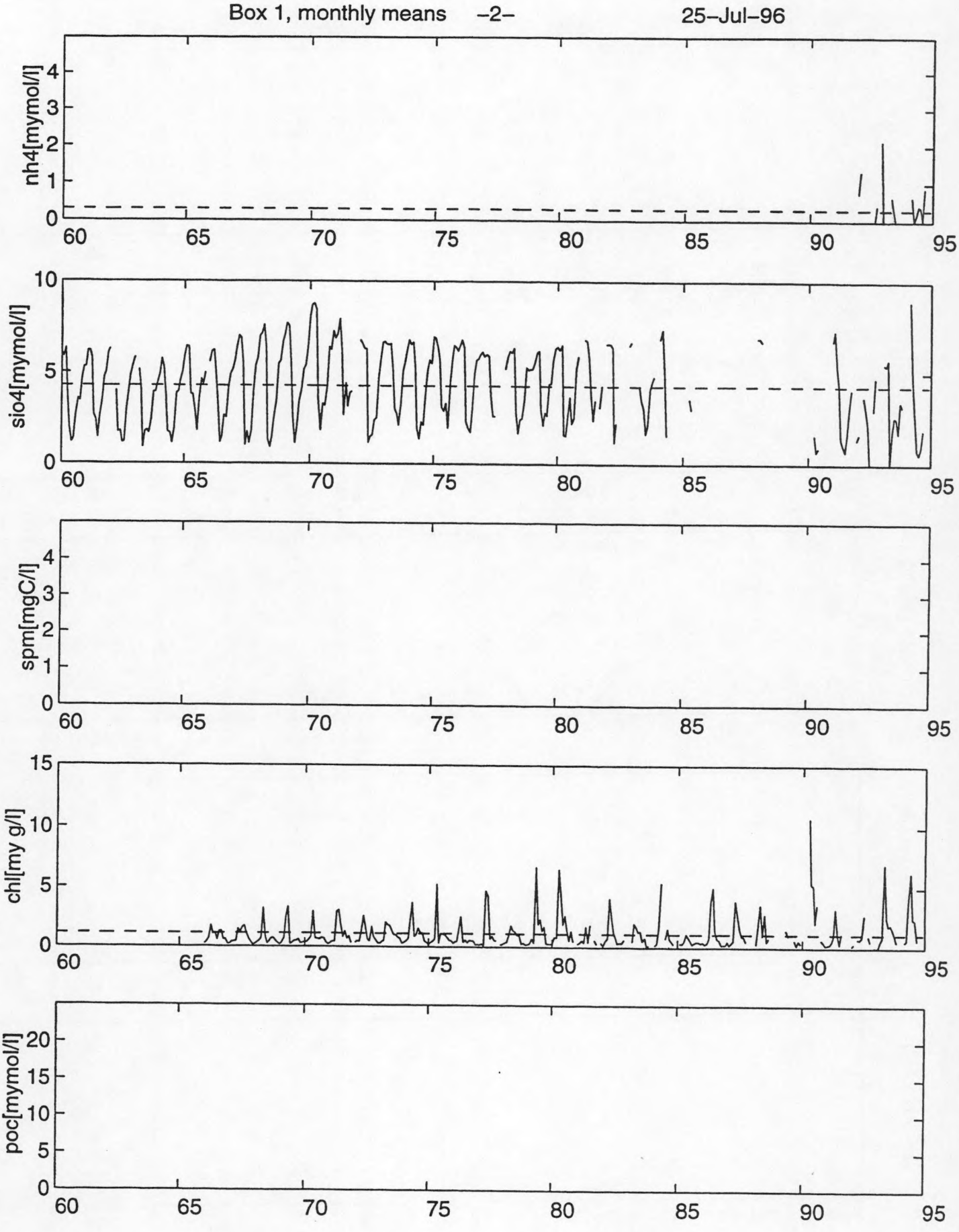
7. Time series at the NOWESP Sites

In NOWESP long time series were analysed to show the degree of interconnectedness between different areas on the shelf (Visser et al., 1997).

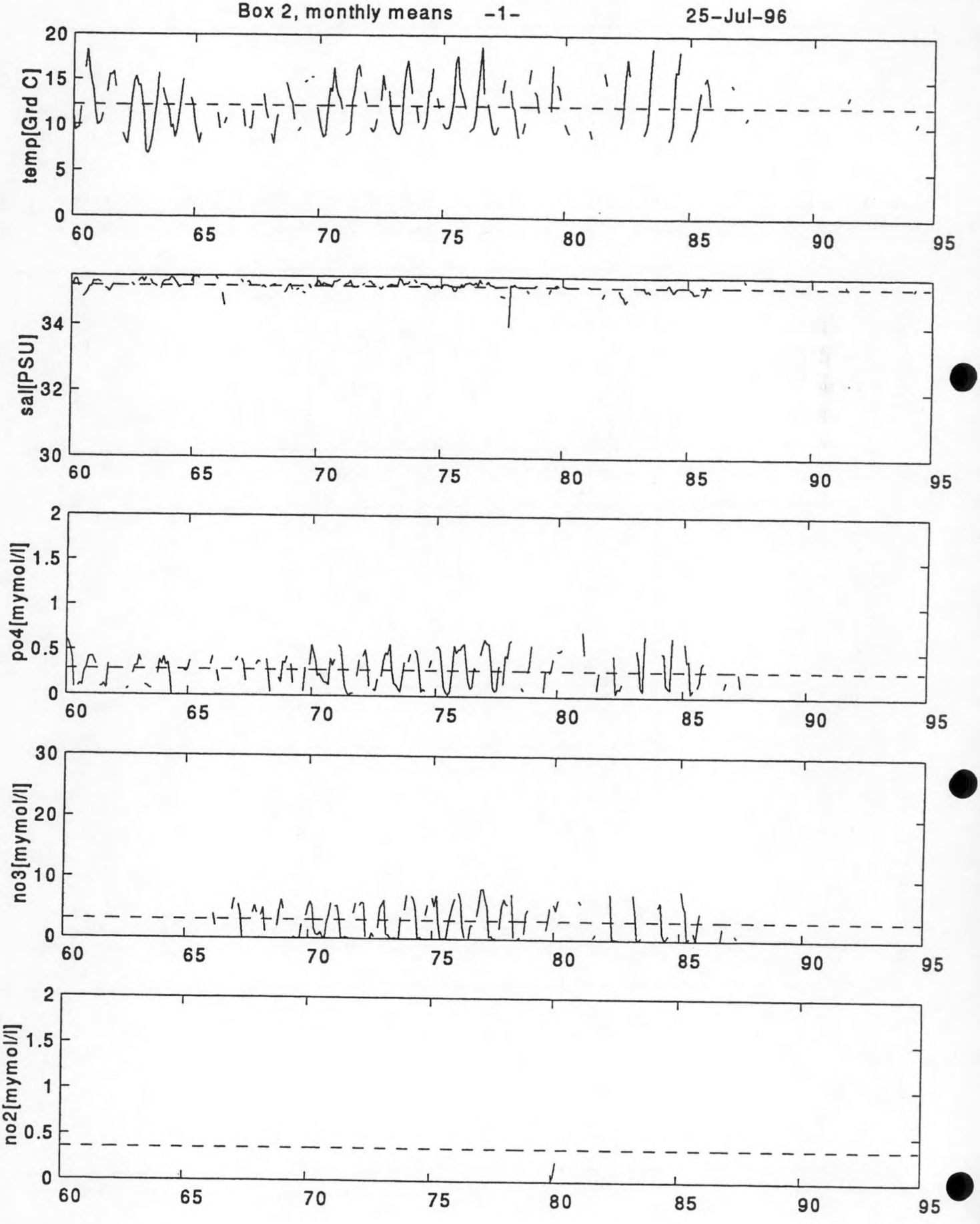
7.1 Site 1: Port Erin, Isle of Man
7.2 Site 2: Station E1, Plymouth
7.3 Site 3: North-western North Sea near Aberdeen
7.4 Site 4: Belgian Coast
7.5 Site 5: Dutch Coast
7.6 Site 6: German Bight
7.7 Site 7: Skagerrak
7.8 Site 8: Norwegian Coastal Waters off Bergen

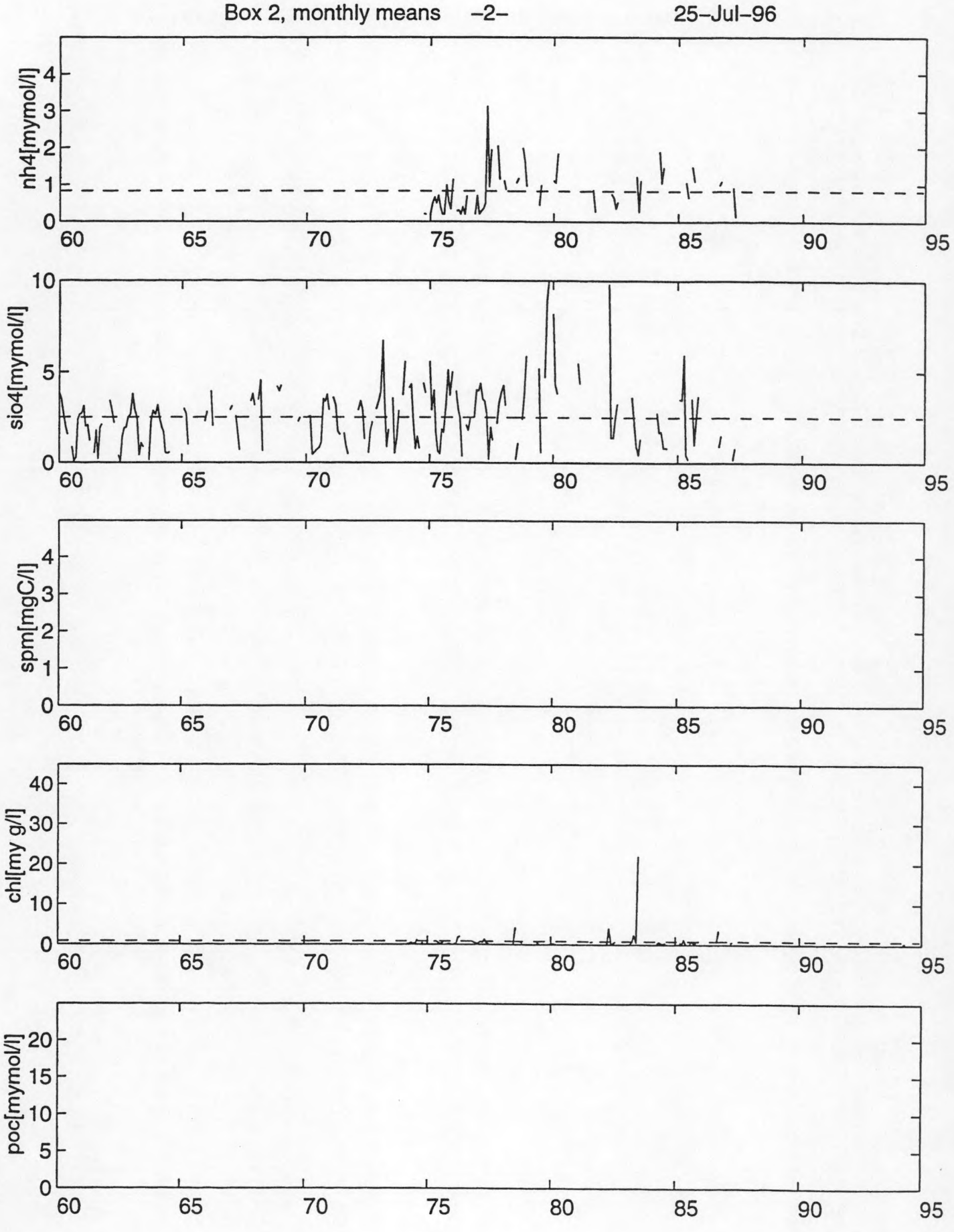
7.1 Site 1: Port Erin, Isle of Man



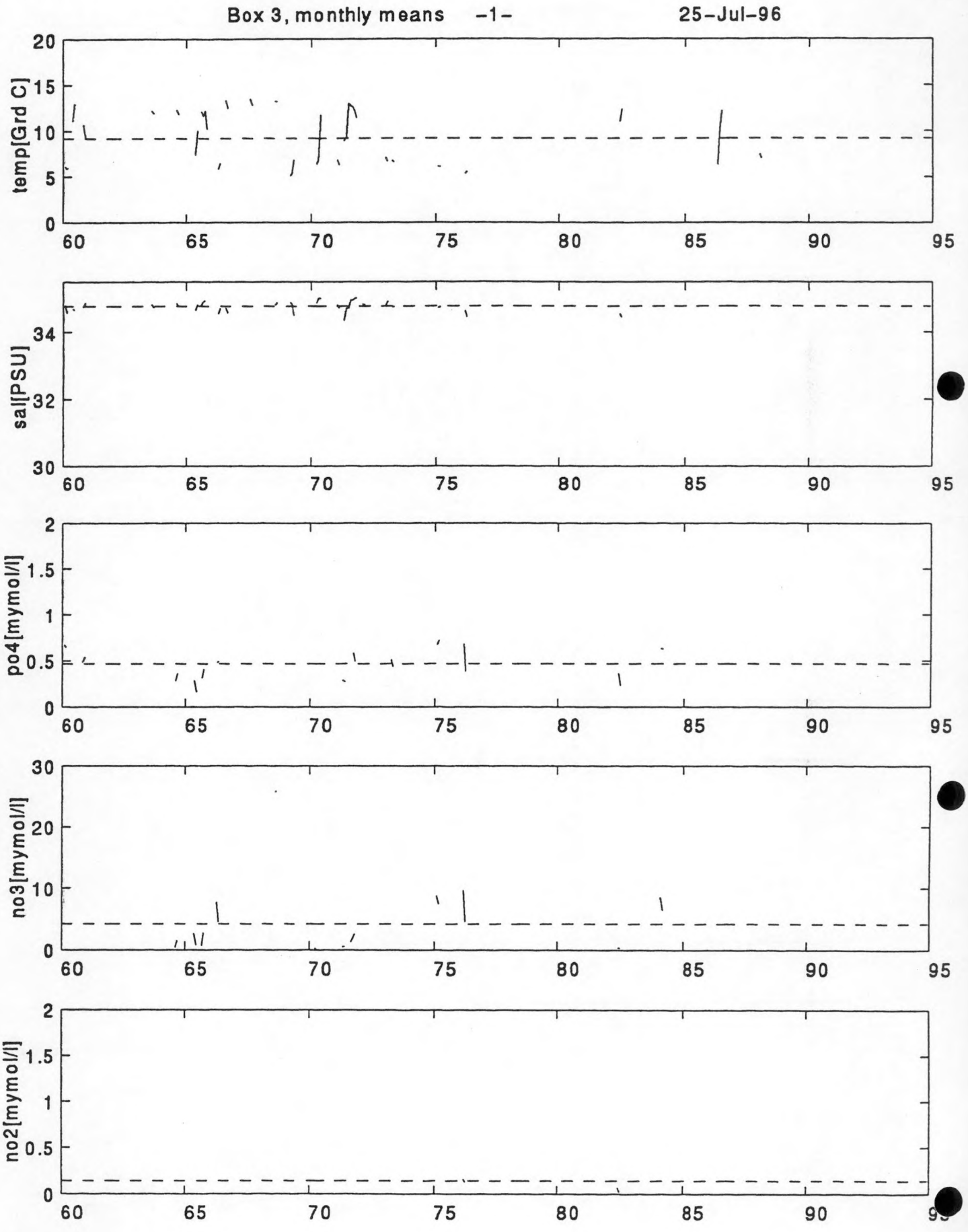

Box 1, monthly means -2-
25-Jul-96
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
60
65
70
75
80
85
90
95

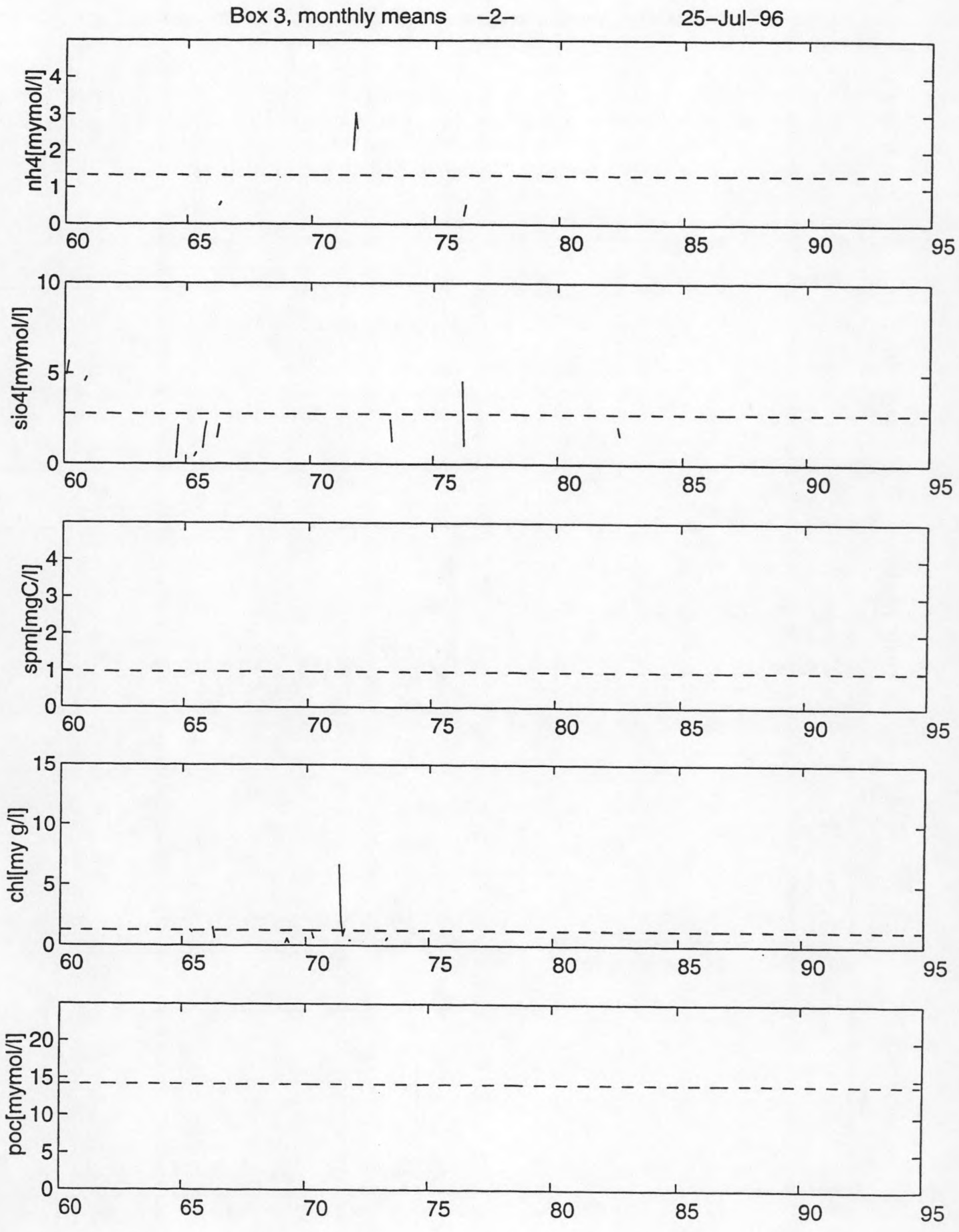
7.2 Site 2: Station E1, Plymouth



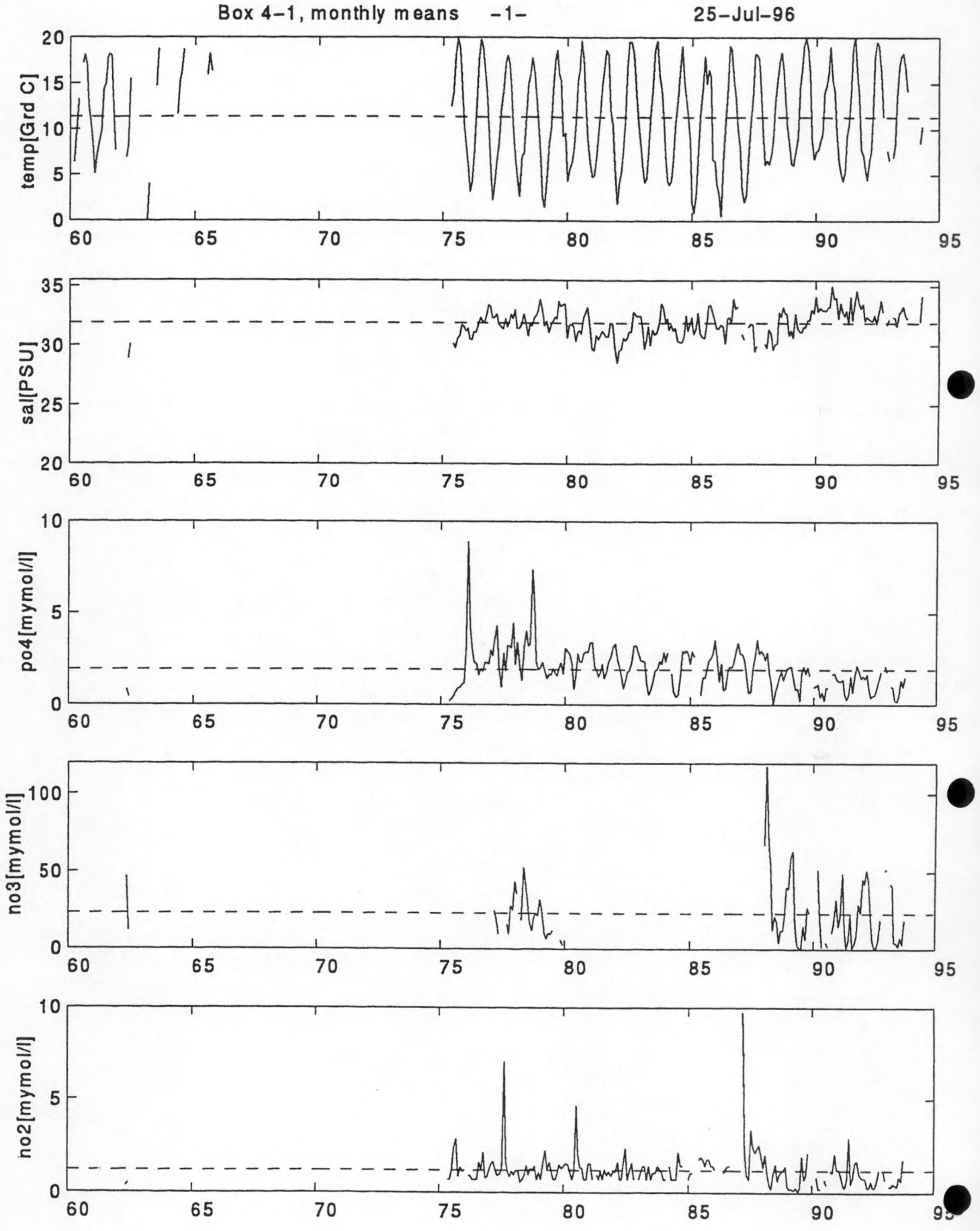

Box 2, monthly means –2– 25–Jul–96
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
60
65
70
75
80
85
90
95

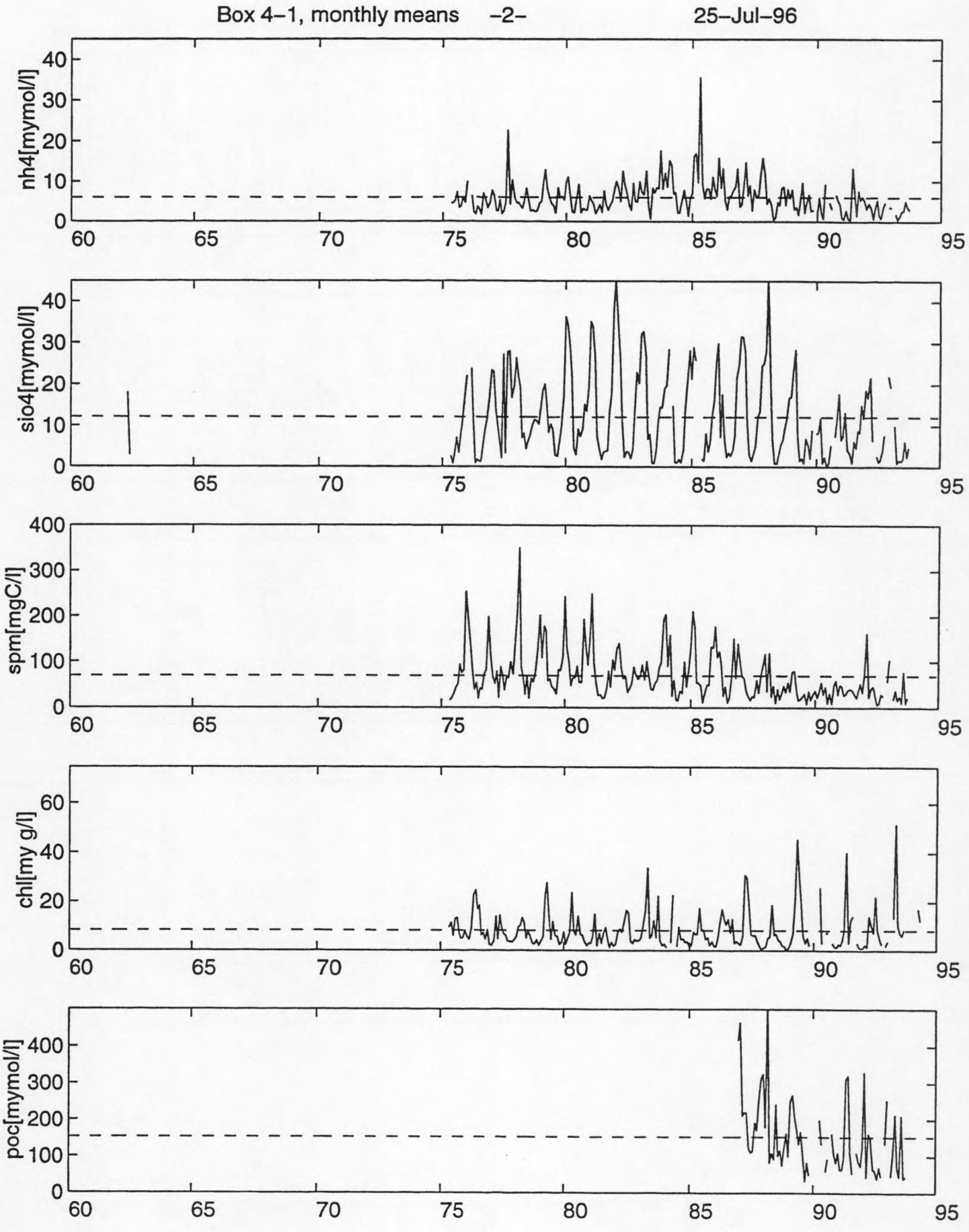
7.3 Site 3: North-western North Sea near Aberdeen

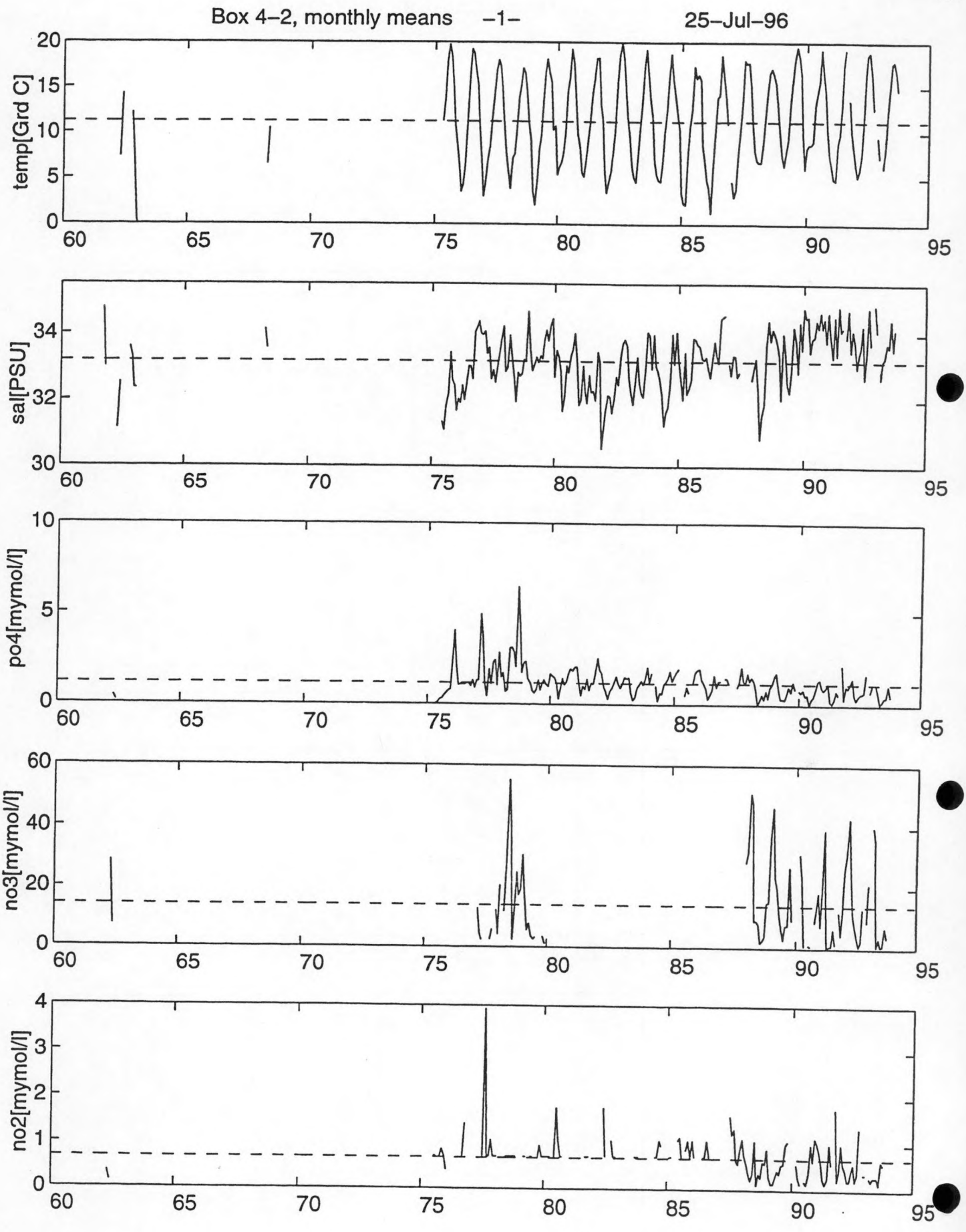


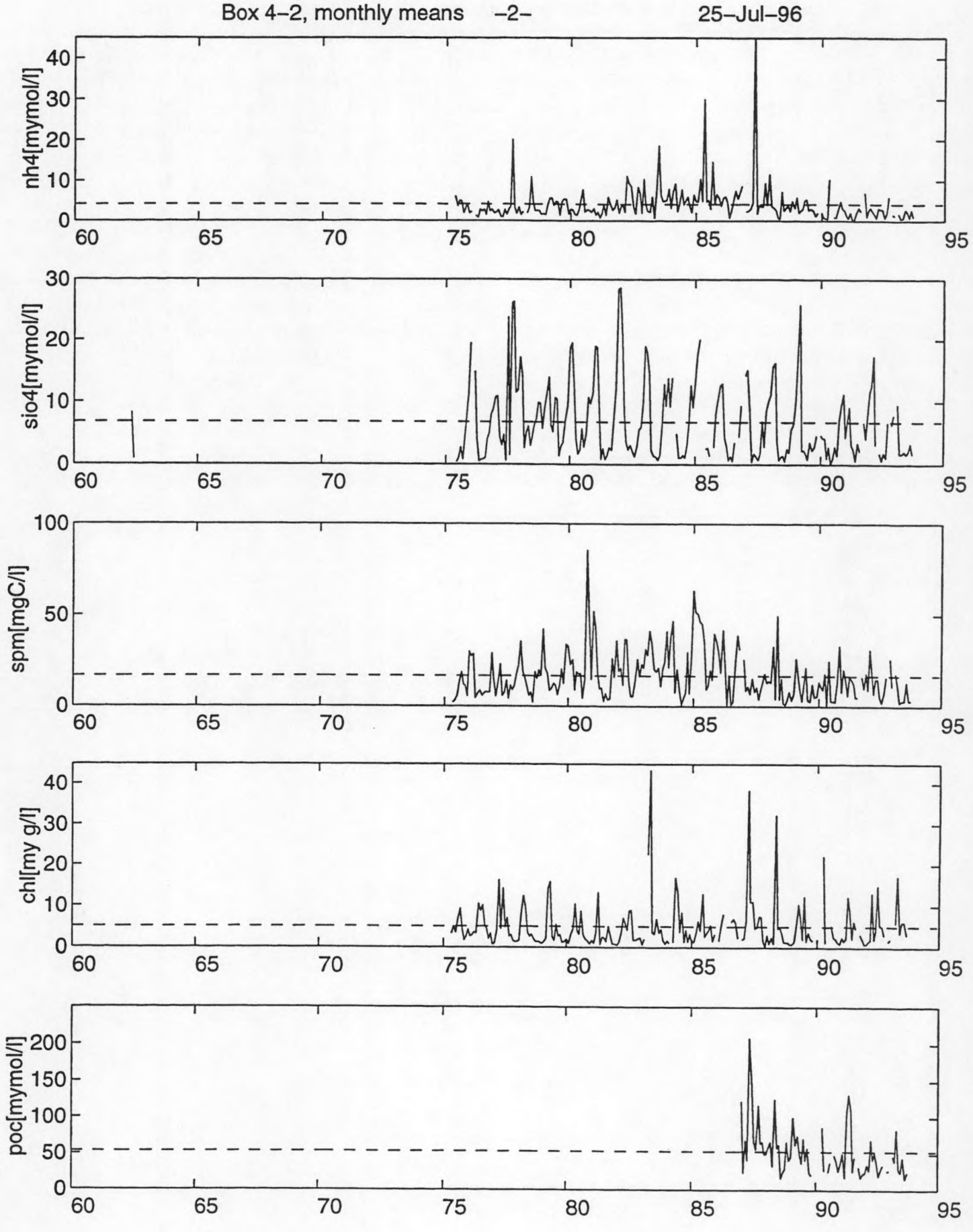

Box 3, monthly means -2-
25-Jul-96
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
60
65
70
75
80
85
90
95

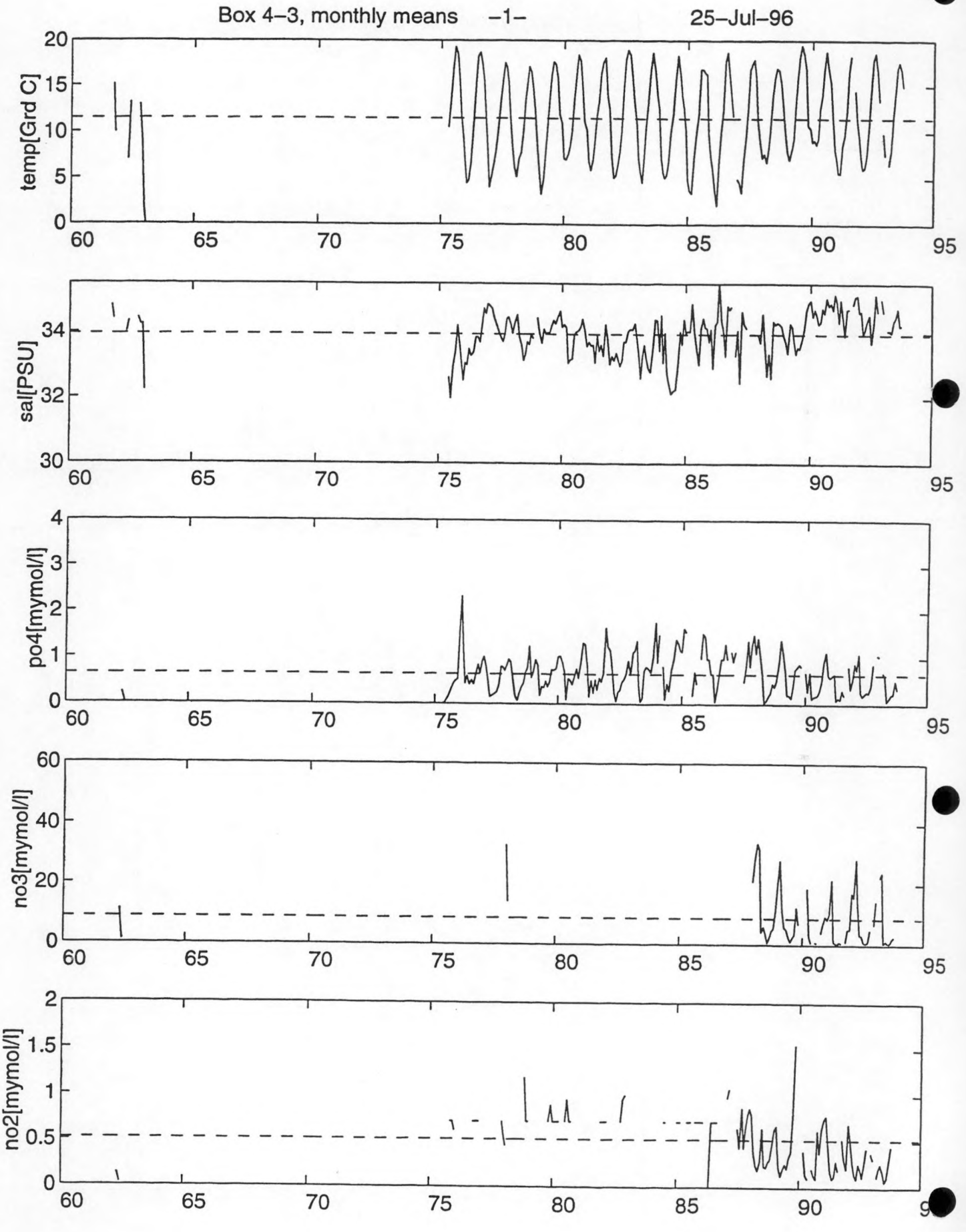
7.4 Site 4: Belgian Coast

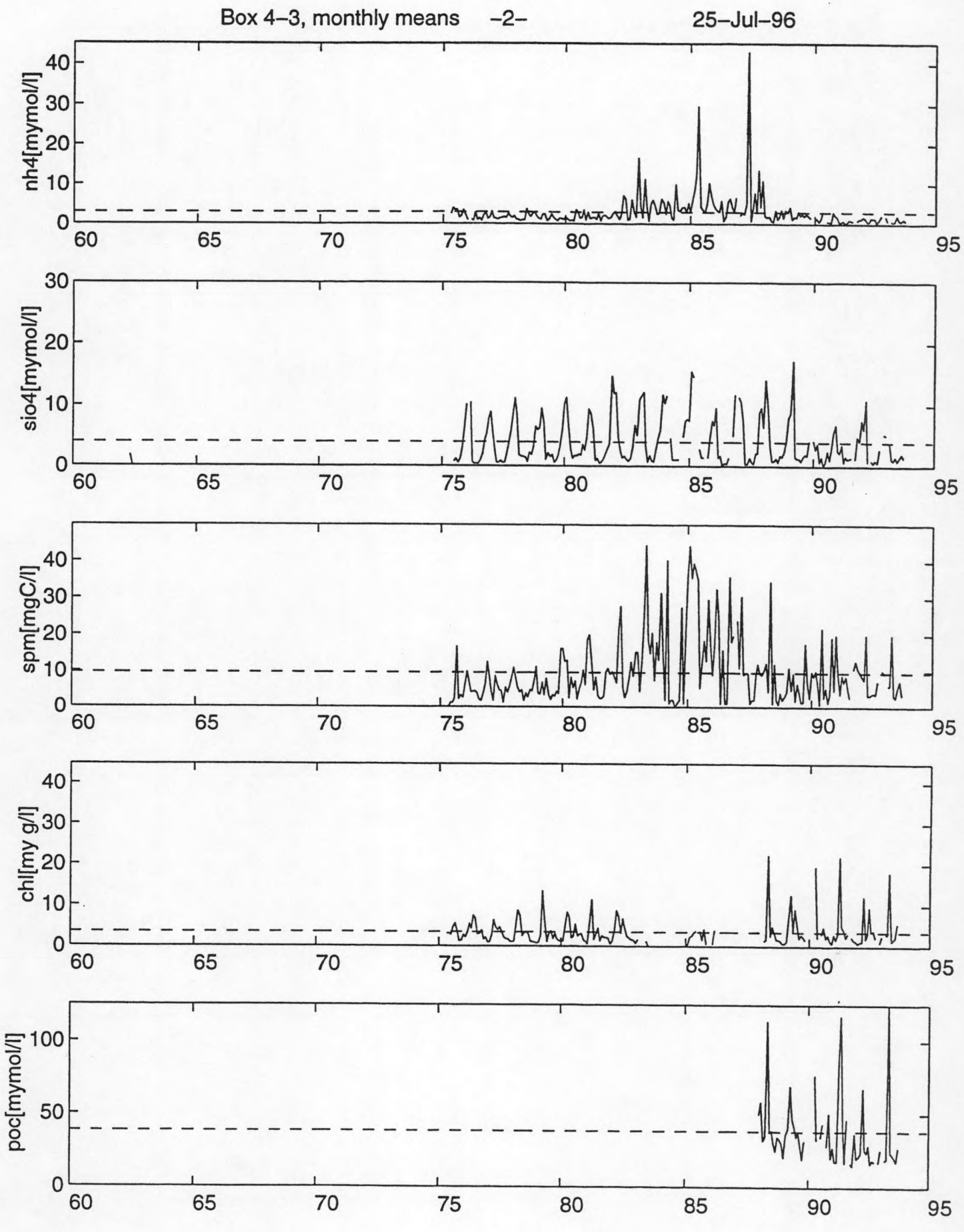



Box 4–1, monthly means –2– 25–Jul–96
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
0
10
20
30
40
100
200
300
400
60
65
70
75
80
85
90
95

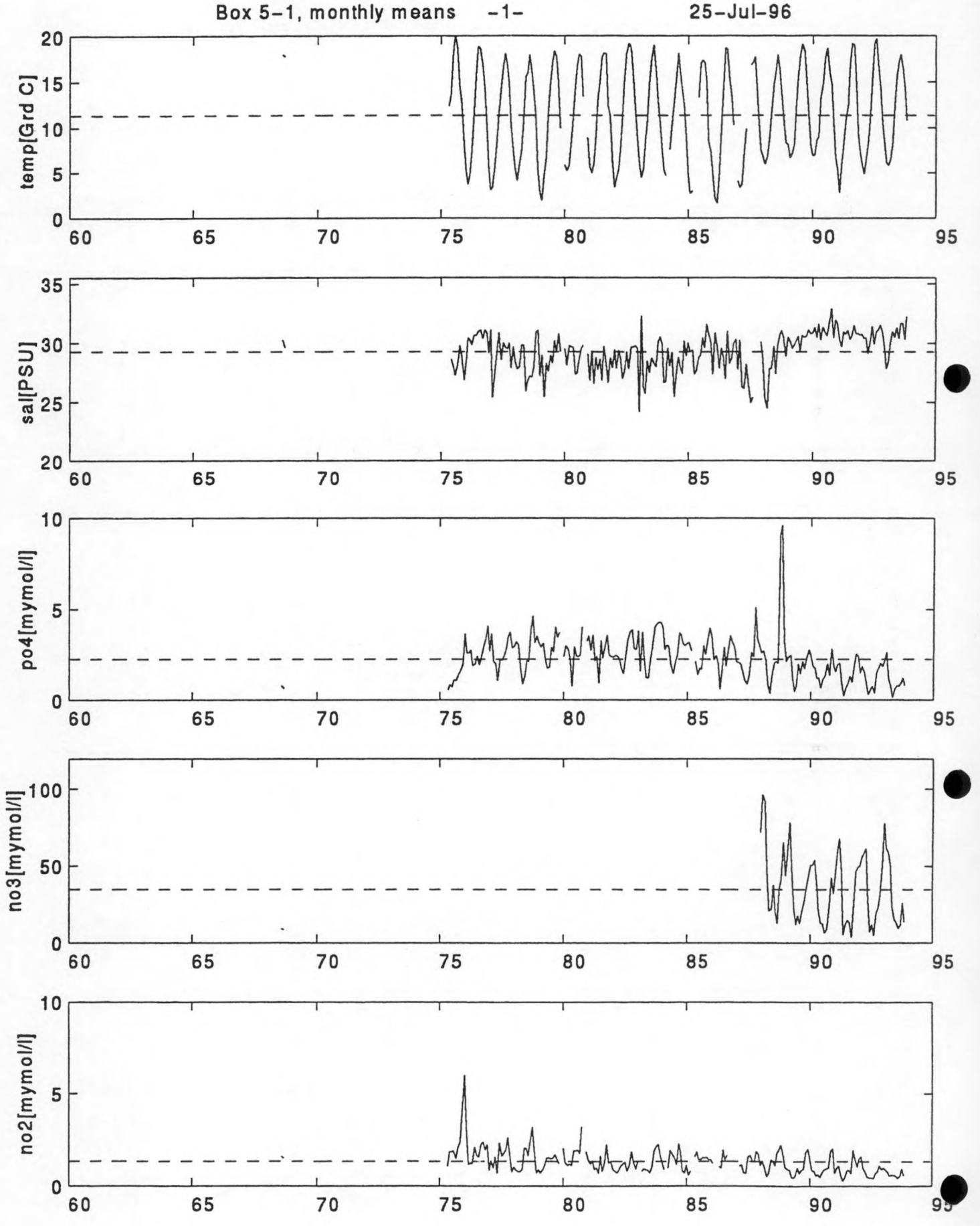

Box 4–2, monthly means –1–
25–Jul–96
temp[Grd C]
sal[PSU]
po4[mymol/l]
no3[mymol/l]
no2[mymol/l]
60
65
70
75
80
85
90
95

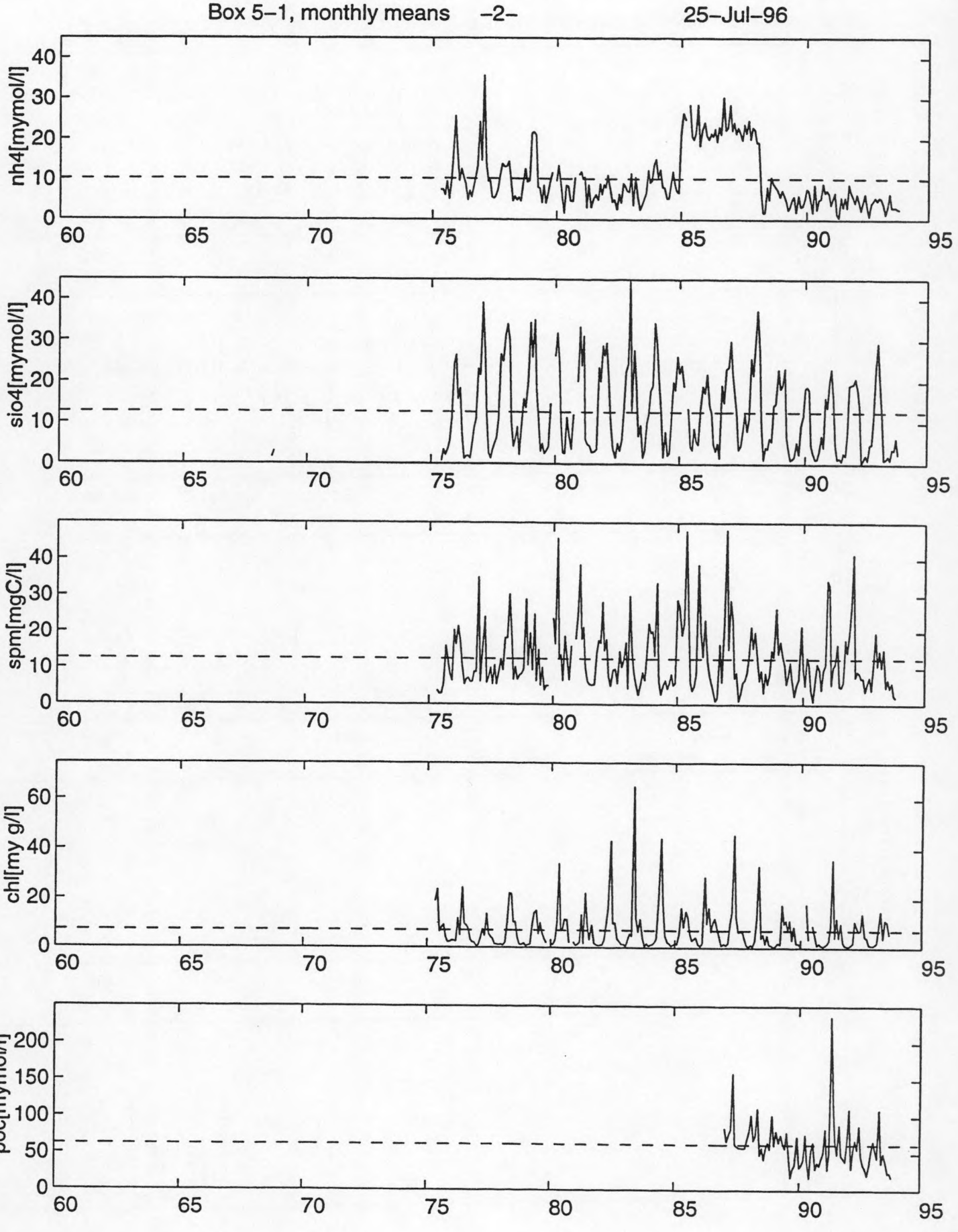

Box 4–2, monthly means –2– 25–Jul–96
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
60
65
70
75
80
85
90
95

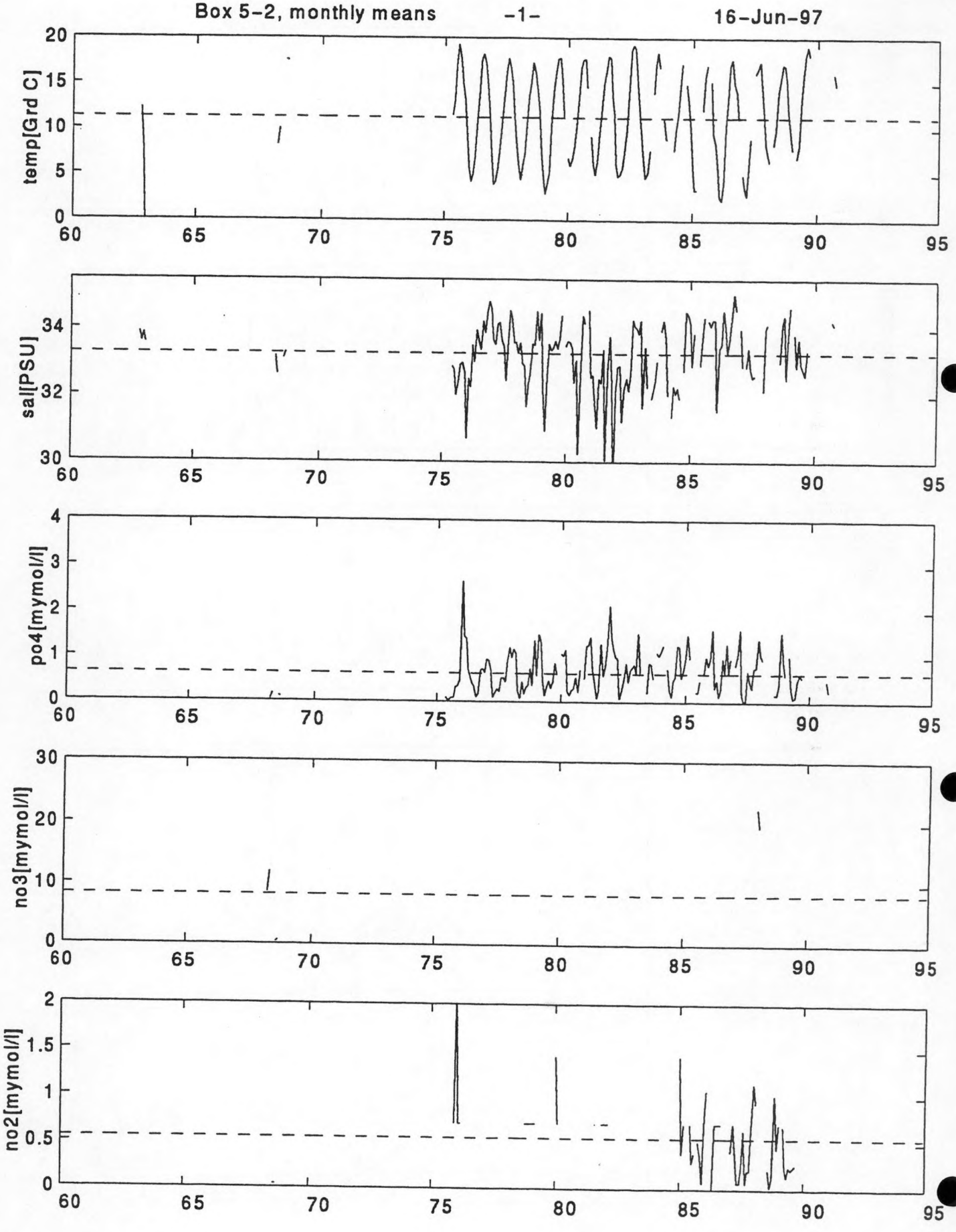

Box 4–3, monthly means –1– 25–Jul–96
temp[Grd C]
sal[PSU]
po4[mymol/l]
no3[mymol/l]
no2[mymol/l]
60
65
70
75
80
85
90
95

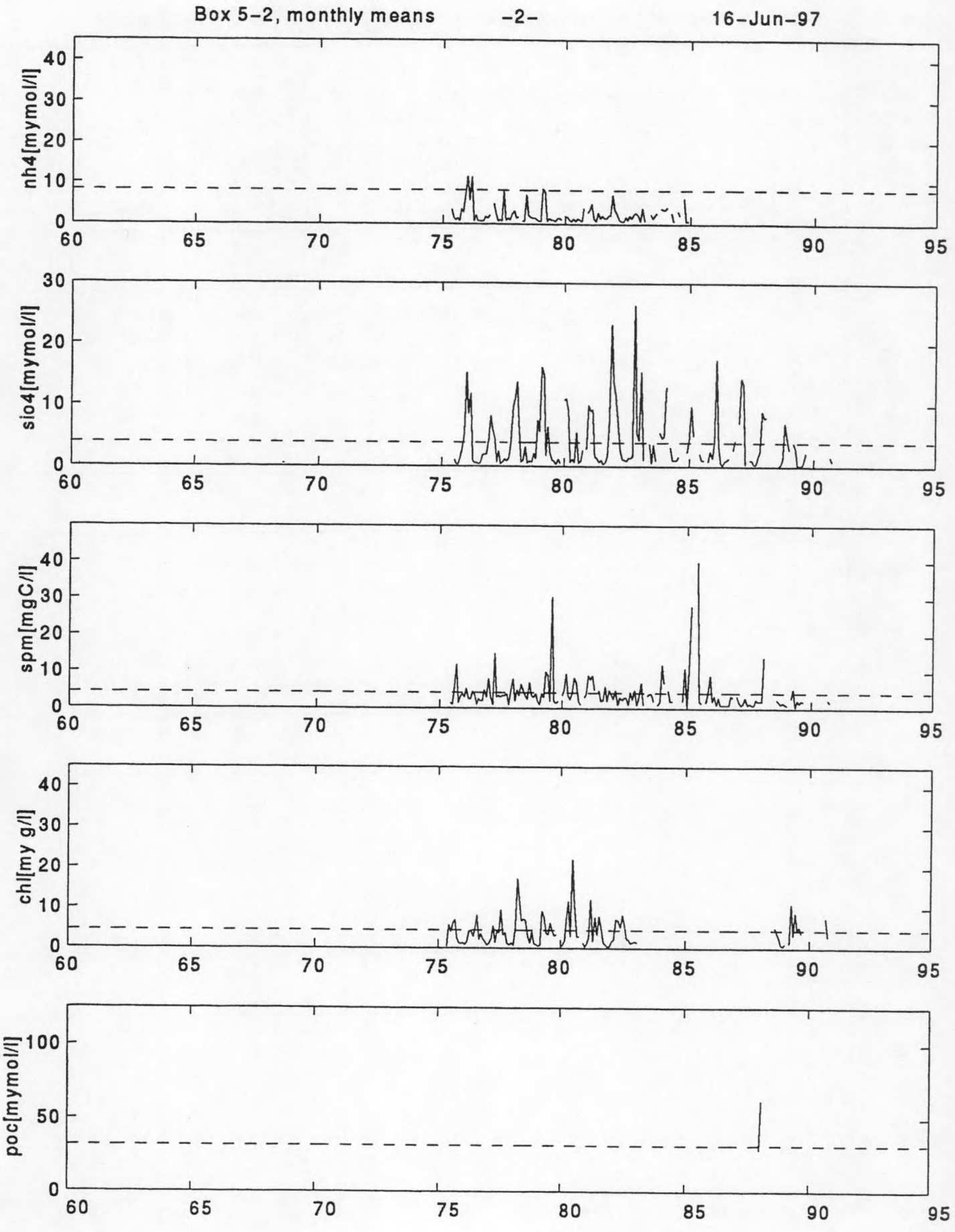

Box 4–3, monthly means –2–
25–Jul–96
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
60
65
70
75
80
85
90
95

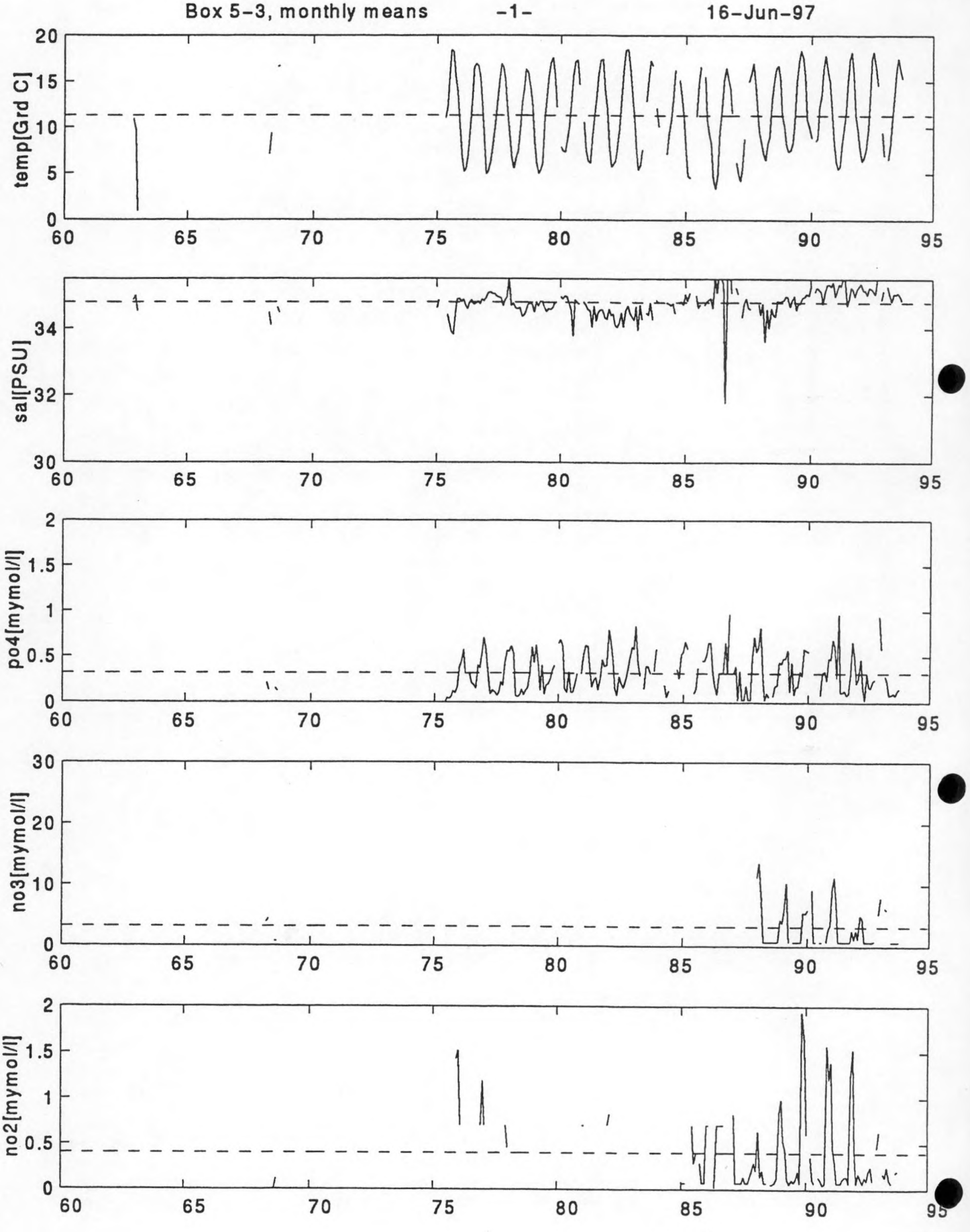
7.5 Site 5: Dutch Coast

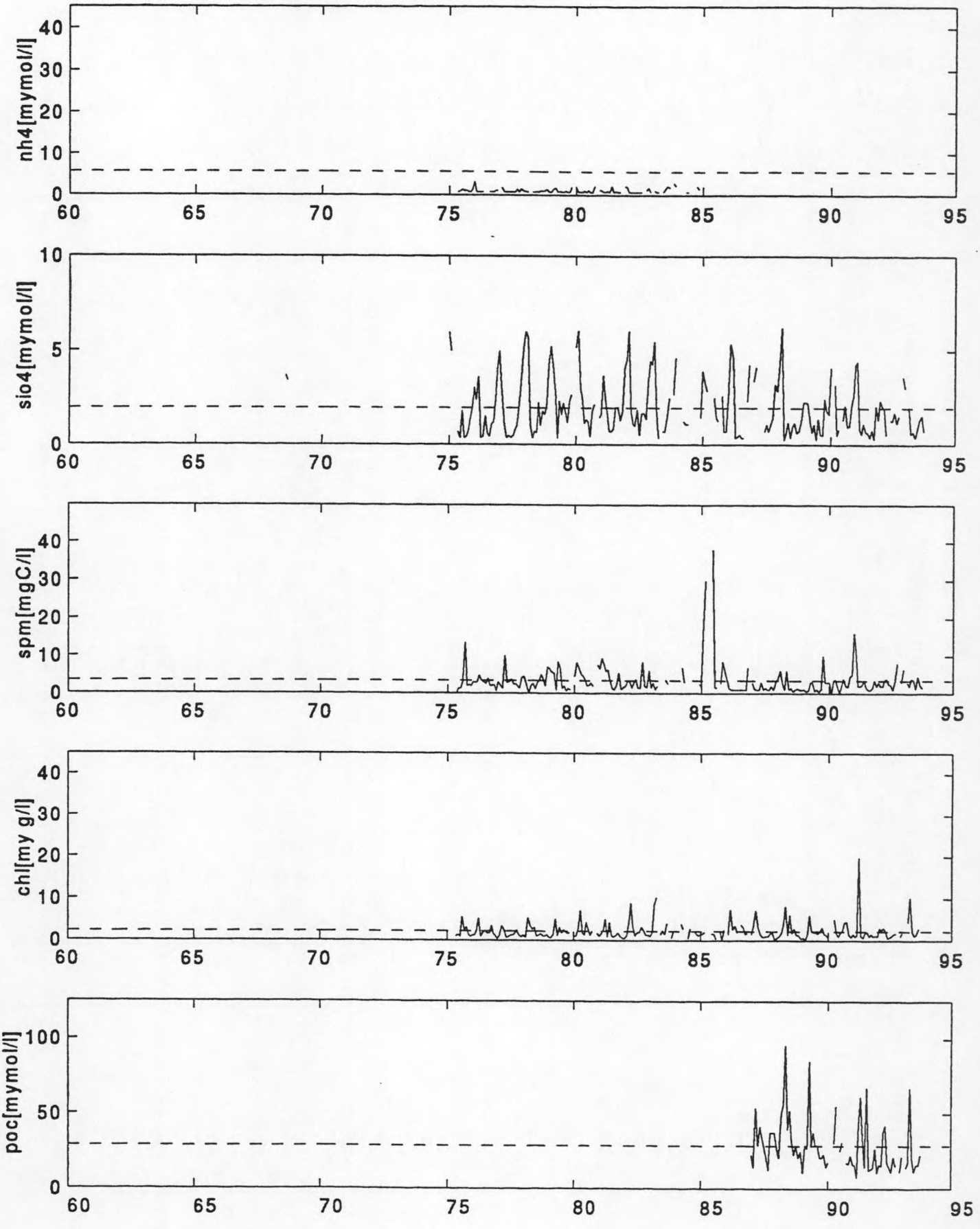



Box 5–1, monthly means –2– 25–Jul–96
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
60
65
70
75
80
85
90
95

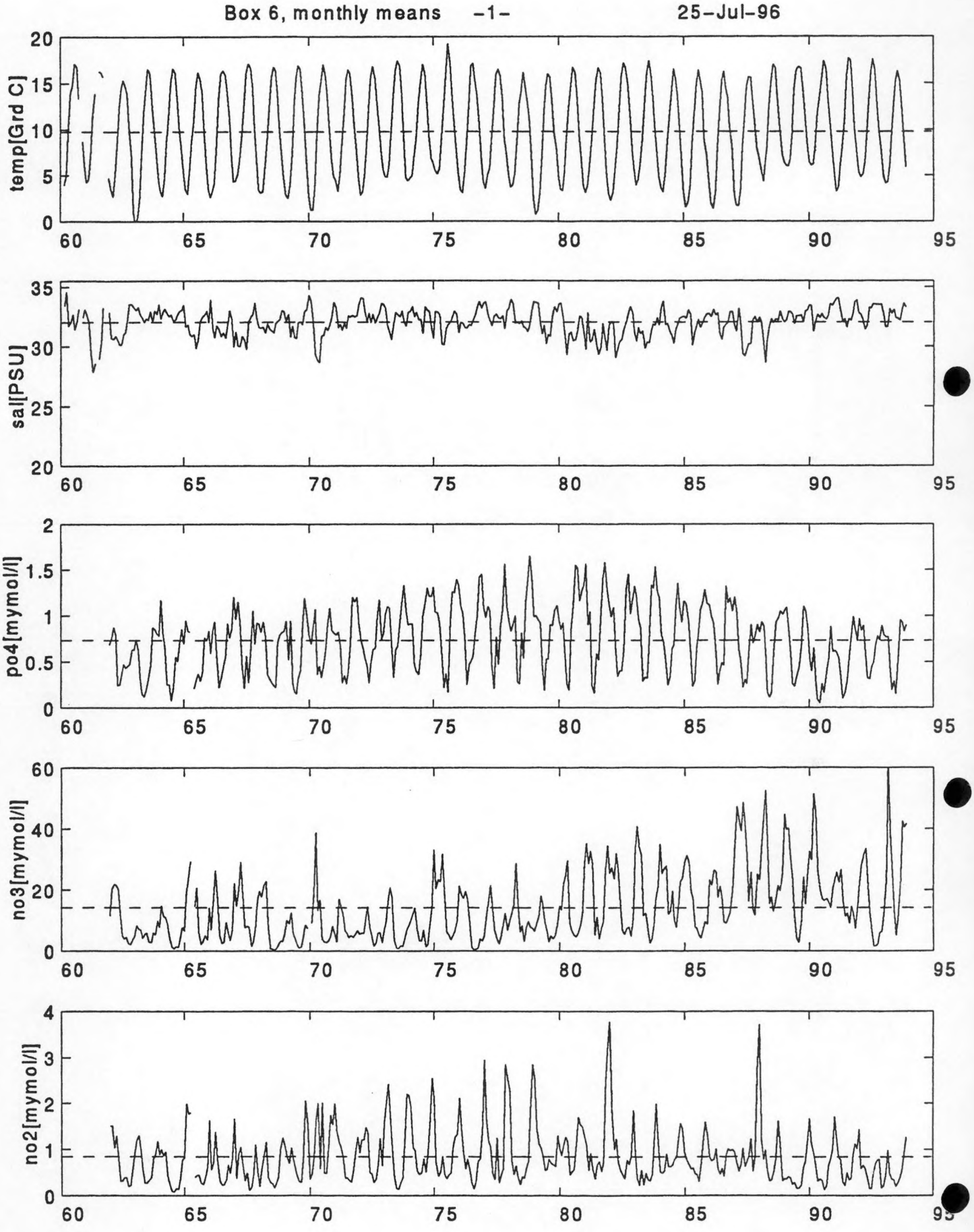

Box 5-2, monthly means
-1-
16-Jun-97
temp[Grd C]
sal[PSU]
po4[mymol/l]
no3[mymol/l]
no2[mymol/l]
60
65
70
75
80
85
90
95

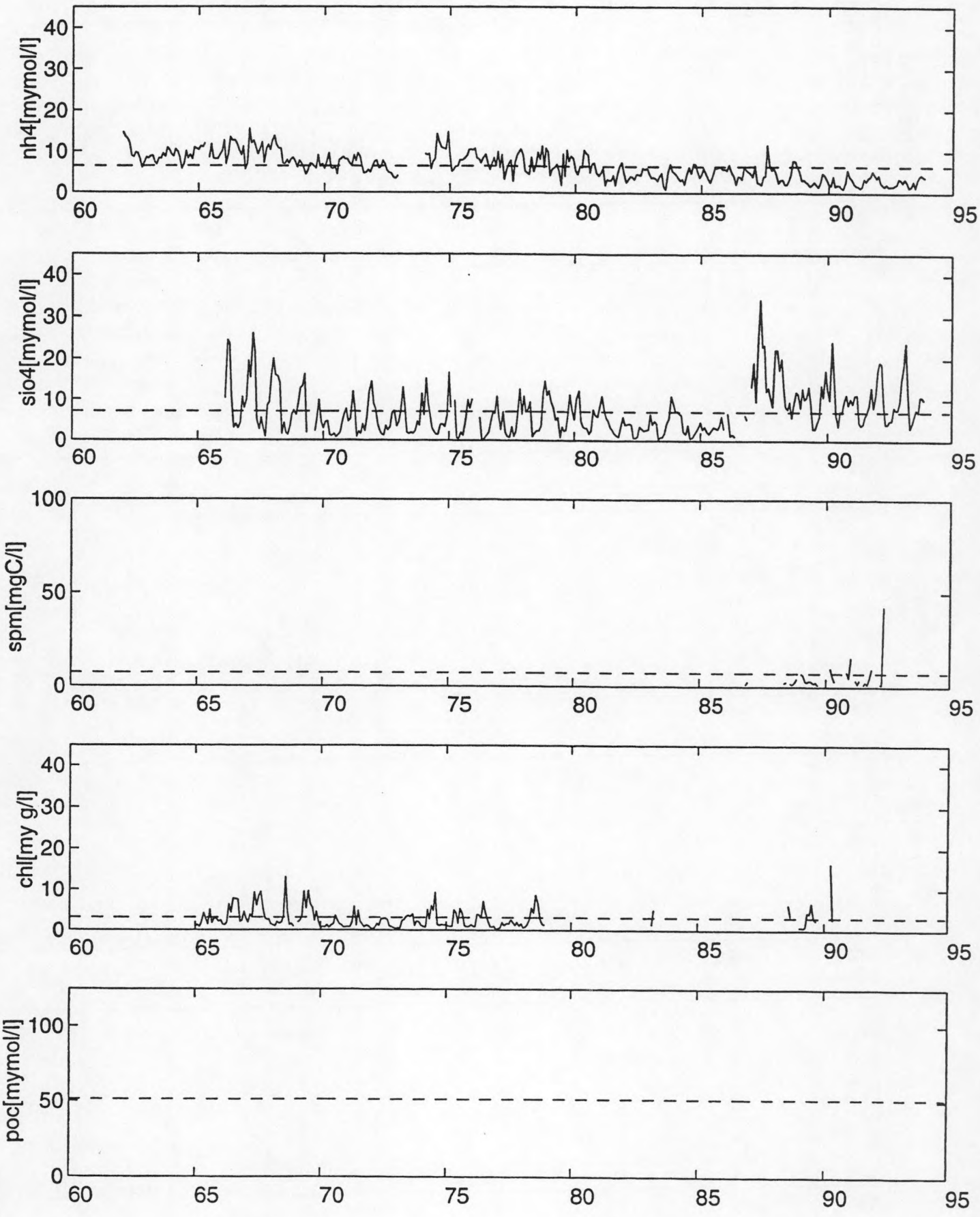

Box 5-2, monthly means
-2-
16-Jun-97
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
60
65
70
75
80
85
90
95


Box 5-3, monthly means
-1-
16-Jun-97
temp[Grd C]
sal[PSU]
po4[mymol/l]
no3[mymol/l]
no2[mymol/l]
60
65
70
75
80
85
90
95


nh4[mymol/l]
0
10
20
30
40
60
65
70
75
80
85
90
95
sio4[mymol/l]
0
5
10
60
65
70
75
80
85
90
95
spm[mgC/l]
0
10
20
30
40
60
65
70
75
80
85
90
95
chl[my g/l]
0
10
20
30
40
60
65
70
75
80
85
90
95
poc[mymol/l]
0
50
100
60
65
70
75
80
85
90
95

7.6 Site 6: German Bight




nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
0
10
20
30
40
50
100
60
65
70
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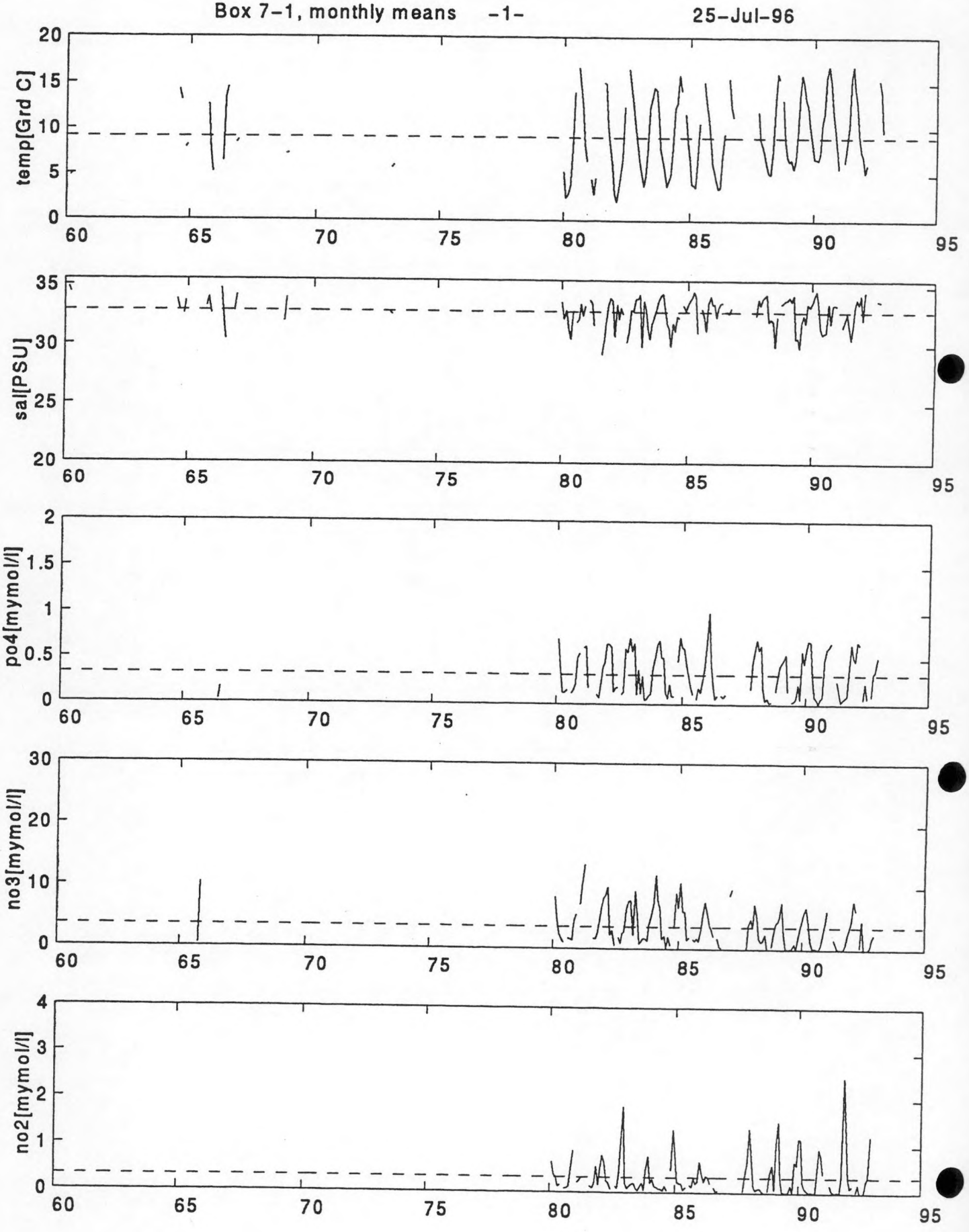
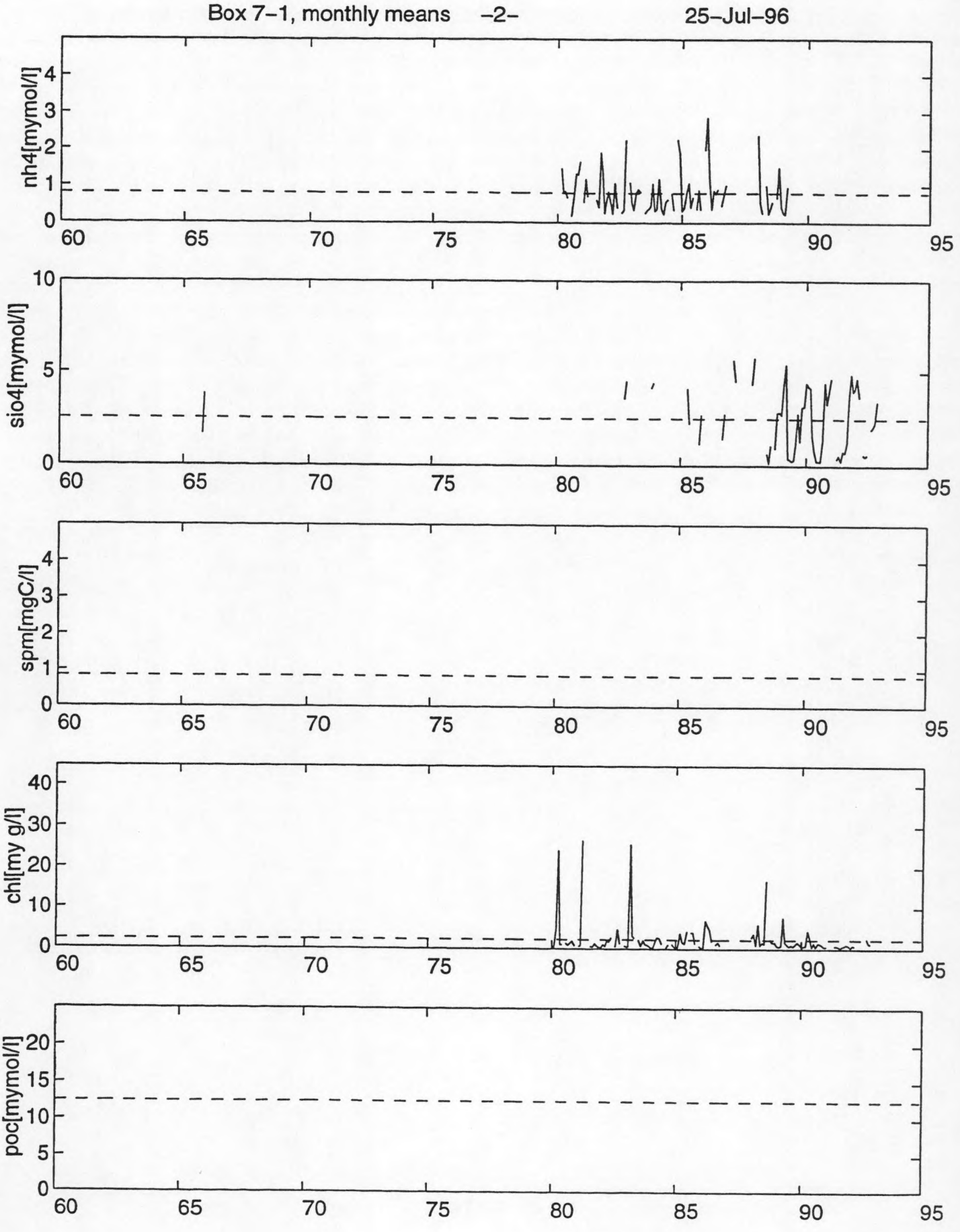
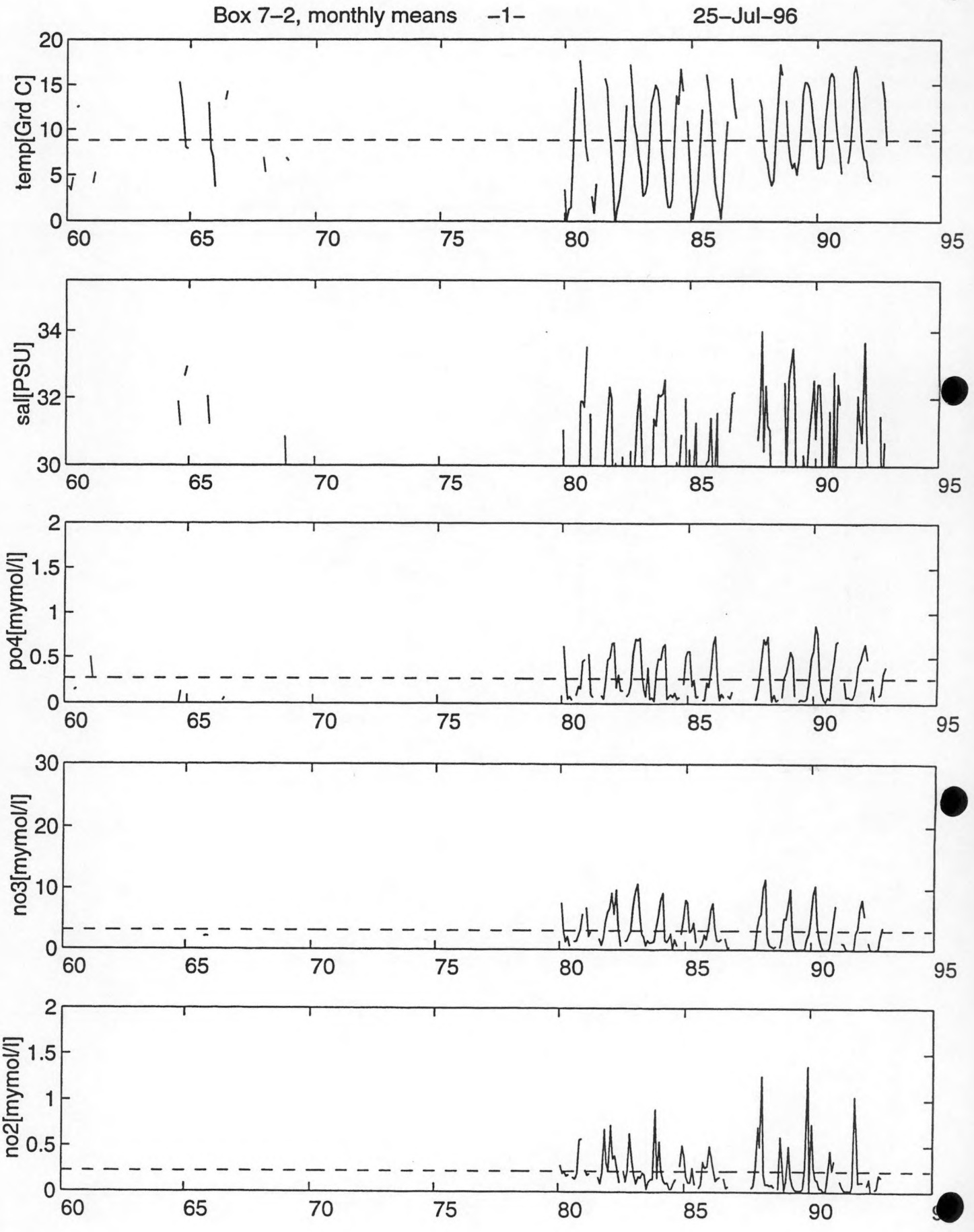
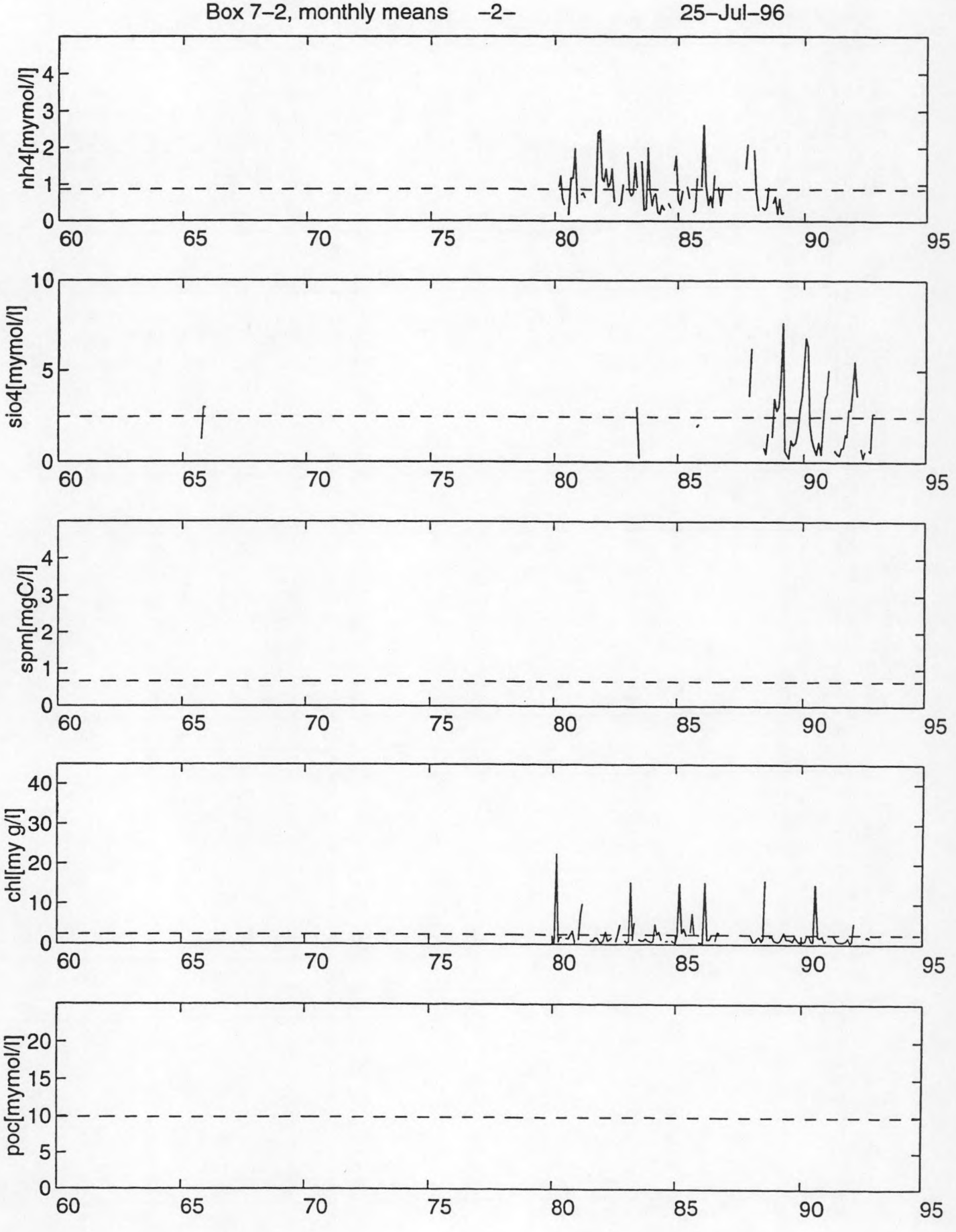
7.7 Site 7: Skagerrak

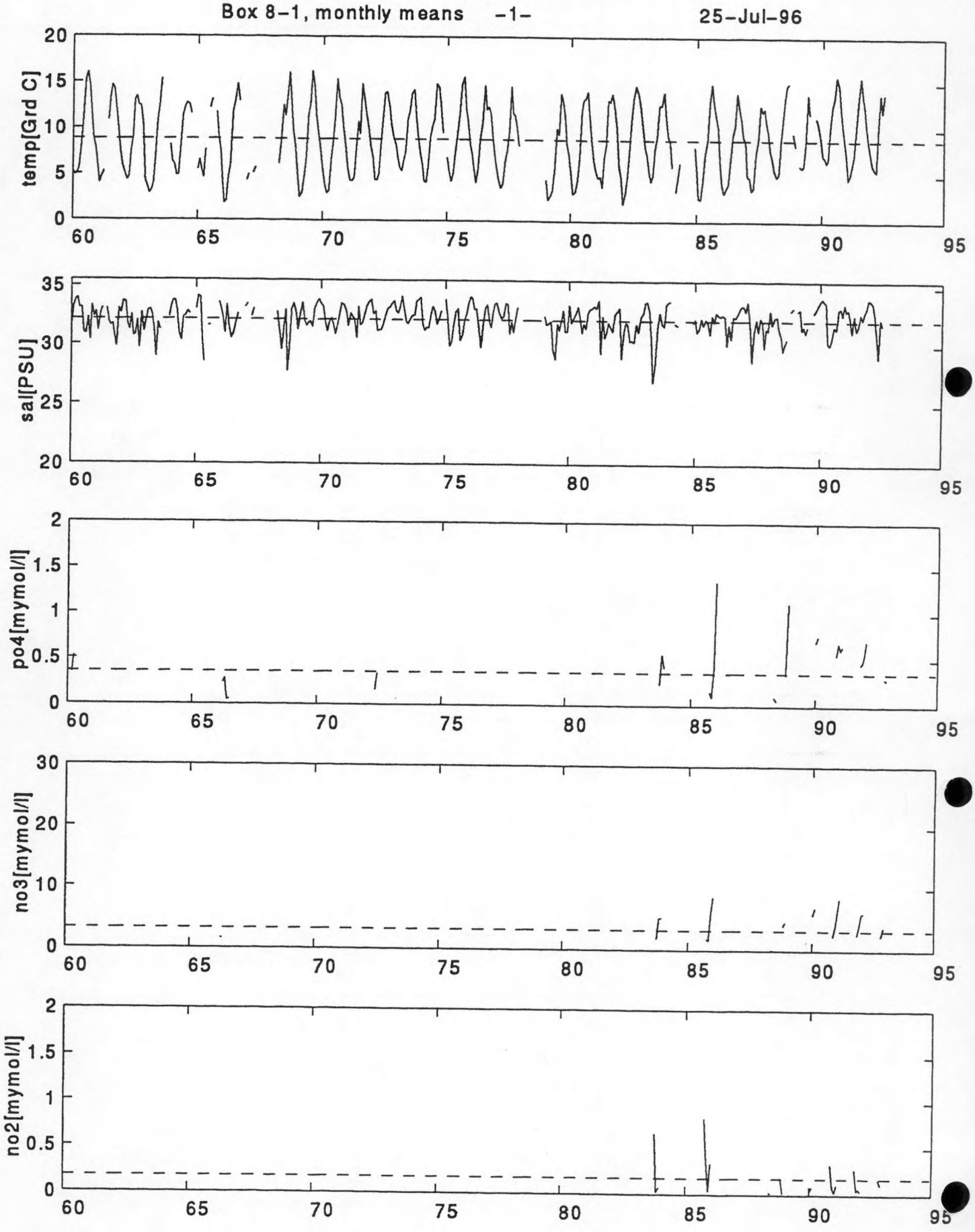


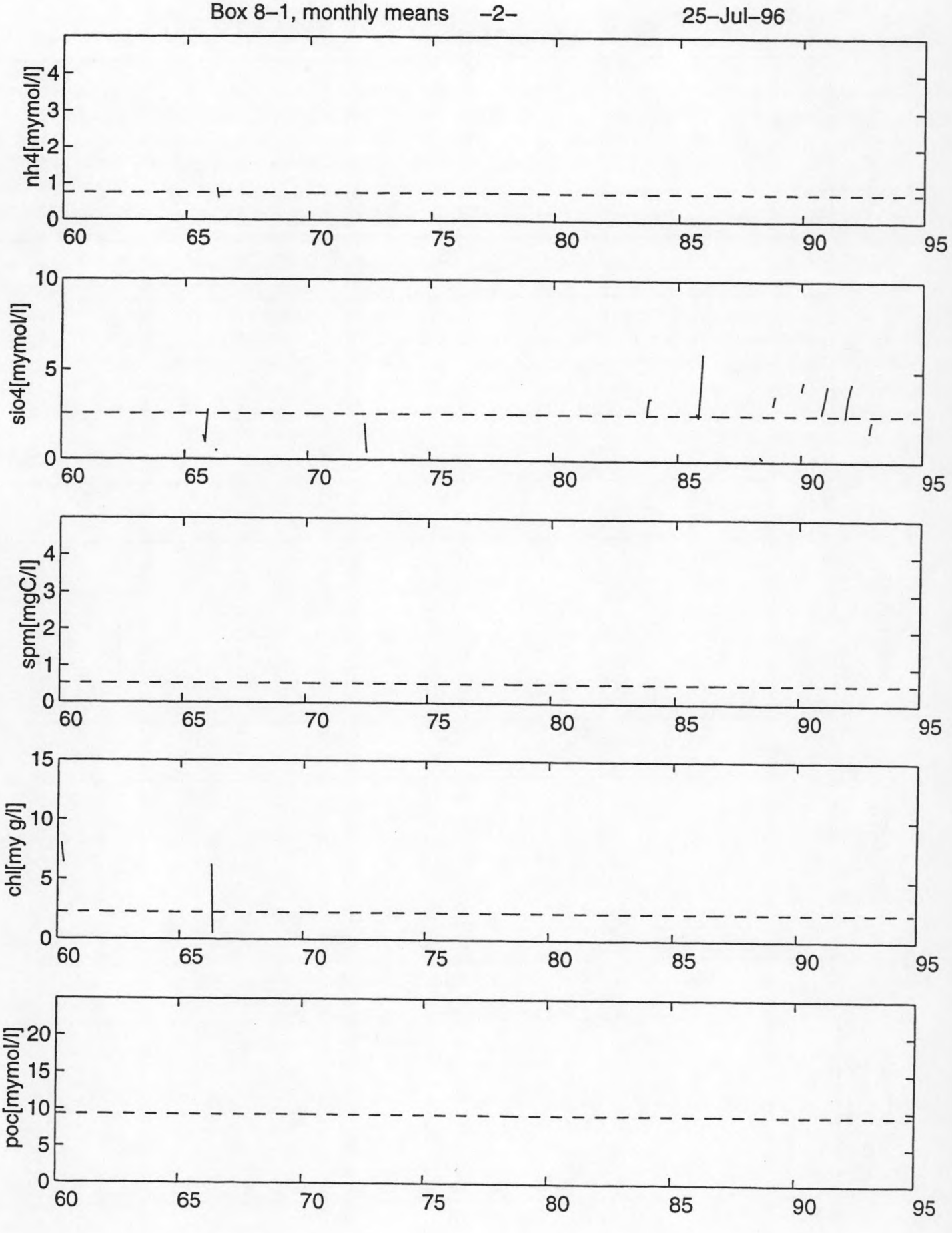

Box 7–1, monthly means –2–
25–Jul–96
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
60
65
70
75
80
85
90
95

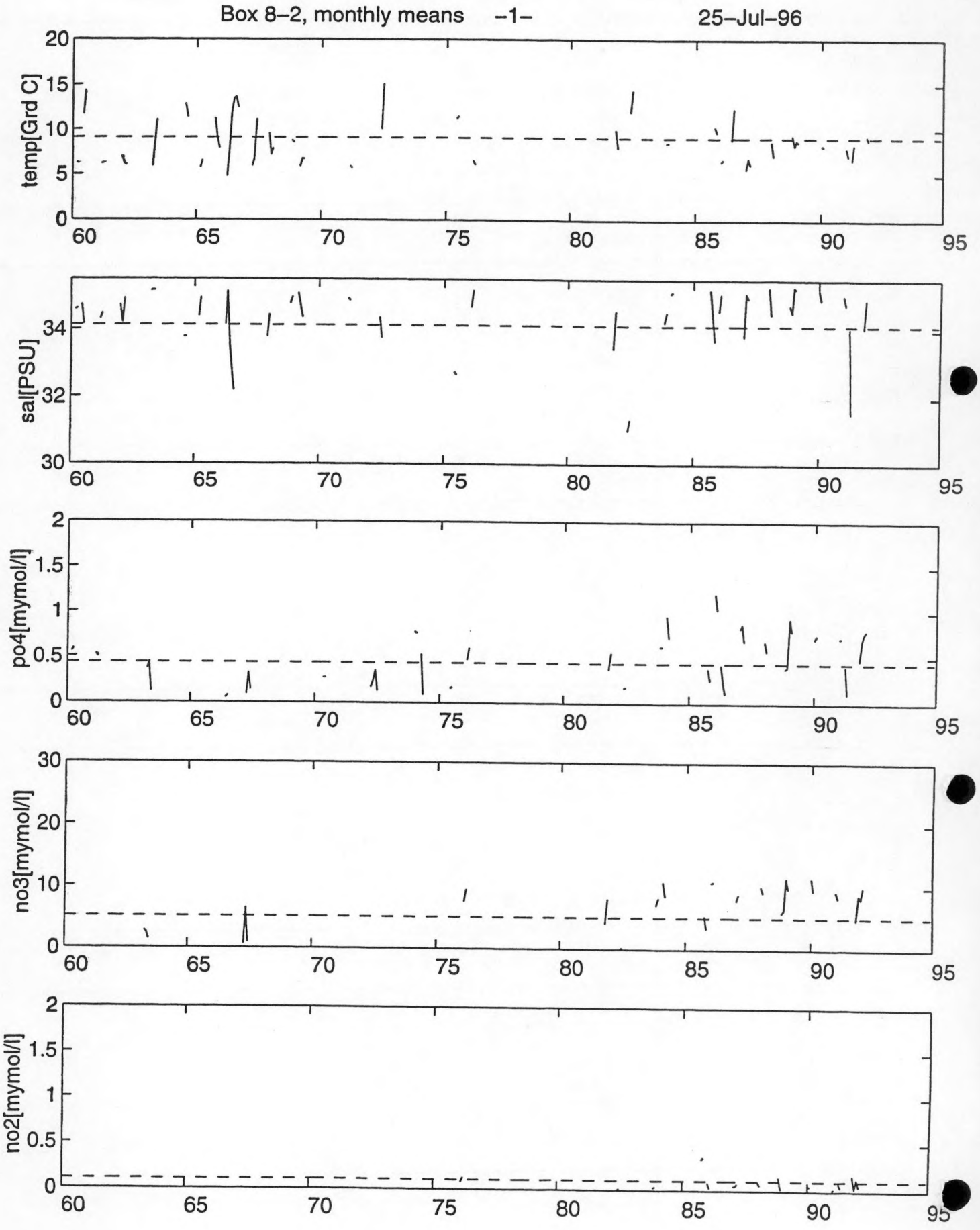

Box 7–2, monthly means –1–
25–Jul–96
temp[Grd C]
sal[PSU]
po4[mymol/l]
no3[mymol/l]
no2[mymol/l]
60
65
70
75
80
85
90
95

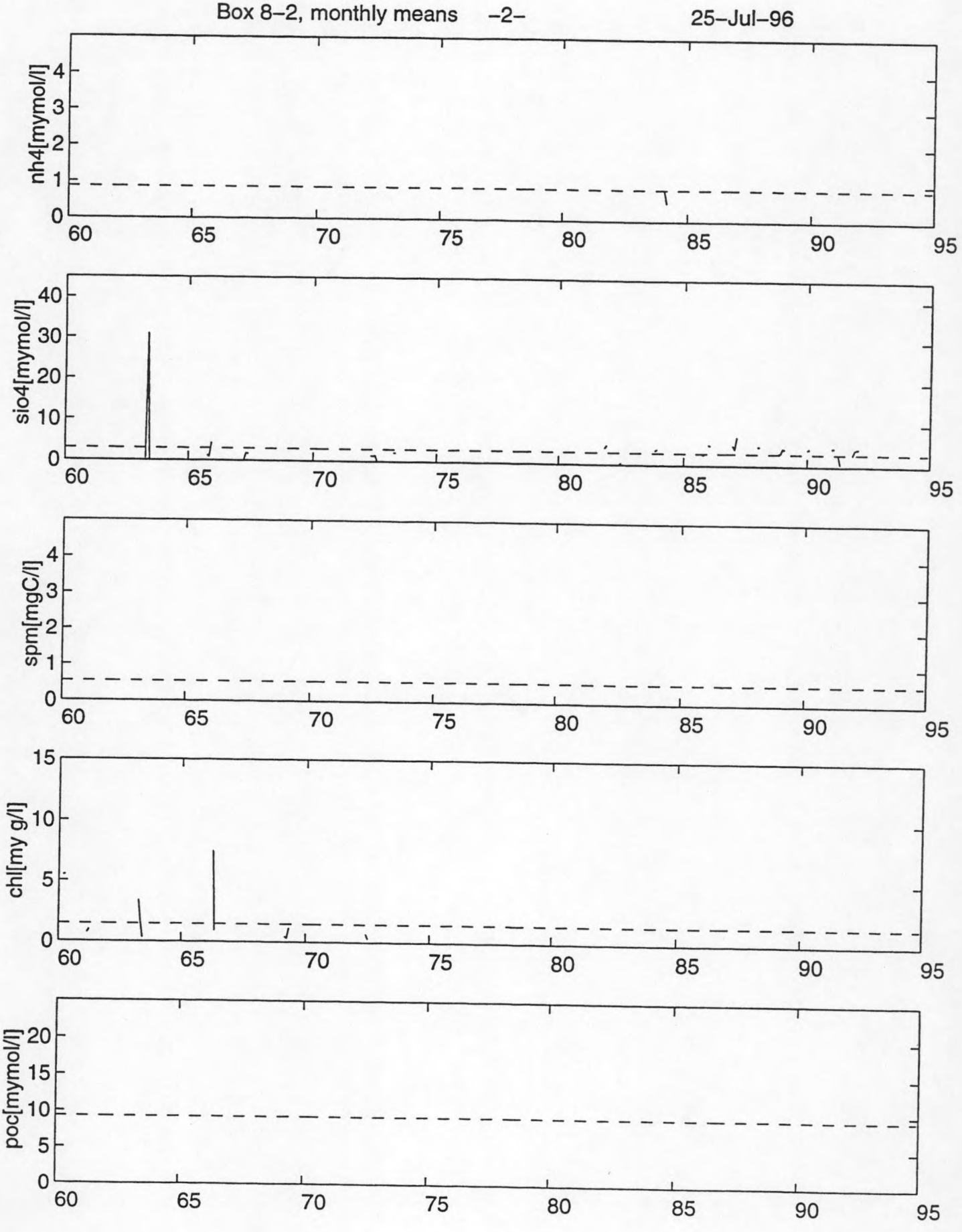

Box 7–2, monthly means –2– 25–Jul–96
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
60
65
70
75
80
85
90
95

7.8 Site 8: Norwegian Coastal Waters off Bergen




Box 8–1, monthly means –2–
25–Jul–96
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
60
65
70
75
80
85
90
95


Box 8–2, monthly means –1–
25–Jul–96
temp[Grd C]
sal[PSU]
po4[mymol/l]
no3[mymol/l]
no2[mymol/l]
60
65
70
75
80
85
90
95


Box 8–2, monthly means -2-
25–Jul–96
nh4[mymol/l]
sio4[mymol/l]
spm[mgC/l]
chl[my g/l]
poc[mymol/l]
60
65
70
75
80
85
90
95