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P.C.T. van der Hoeven

Watertemperatuurwaarnemingen in Nederland sedert 1860: tabellenboek lichtschepen

Observations of surface watertemperature in the Netherlands from 1860: table book lightvessels

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P.C.T. van der Hoeven

Tekst: pag.

Bijlagen:

1. English explanation

This report is part of a set of eight reports, in which a climatological description and representation is given of all watertemperatures in the Netherlands, observed since 1860.
In this part the monthly means derived from the observations of the Dutch Lightvessles are listed. Short interruptions in the series and the almost full standard 10-year periods were completed. Further, for each lightvessel all observations were derived to one standard position.
In this way the completed and homogeneous rows of annexes 4 thru 9 were generated.
The practicability of the whole enterprise rests on the close correlation of the simultanuous departures from the own normals. In annex 2 the simultanuous departures of the own normals are plotted. The used 60-year normals include the periods 1891-1910, 1921-1940 and 1951-1970.
First all data were processed "by hand" and completed "by eye".
Later on all data were transferred on disk. In this way management of the data was considerably facilitated and repeated reprocessing was made possible. Finally the series of watertemperatures in this report are the output of an iteration process. Starting from the original measurements the strong convergence of the iteration causes a stable result.
This is determined by:

- the latest accept system of completing the missing data (description KNMI WR 84-3 chapter 2.3),
- the latest accepted corrections used to reduce the observations of non-standard positions to that of the standard positions (description KNMI WR 84-3 chapter 3)

The standard positions to which the observational data were reduced are stated (see also annex 1) as follows:

		NB	OL
NH_2	Noordhinder	51°39'	2°34'
SB_1	Schouwenbank	51°47'	3°27'
MS_1	Maas	52° 2'	3°54'
GR_3	Goeree	51°54'	3°39'
TX_3	Haaks/Texel	53° 1'	4°22'
TB_2	Terschellingerbank	53°27'	4°47'
WP_{13}	Doggersbank-Zuid	54°45'	3°59'
WP_{16}	Doggersbank-Noord	56° 0'	5° 0'

Due to the strong correlation of the simultaneous departures from the own normals, a pleasant co-product of the data-processing is the obvious visibility of most mistakes of all kinds. In this way annex 2 and its former versions have great merit. So it is likely now, that all series are now free from significant errors (a review of errors found in earlier publications is given in KNMI WR 84-3 chapter 2.4).

By the time the project seemed finished, during the four following years bit by bit an d from the most unexpected places, another 600 station-years of series of watertemperatures carried out for fishery research araised out of oblivion.
The joint material appeared to contain two astonishingly long series and from the moment they got manageable, they started serving as <u>standards</u> for all watertemperature series gathered in the Netherlands:

- a series Den Helder-'t Horntje, uninterrupted up from 1860 description KNMI WR 82-8)
- a series Gorishoek-Loodijksegat (fishery police) from the easterly basin of the Easterscheldt, also uninterrupted, up from 1894 (description KNMI WR 83-12).

In case of the observational series of the lightvessels a crucial question is that one urgently needs one or more long sound series with at least a passable correlation with the series of the lightvessels. Both rediscovered series appeared to be able to give exactly the necessary thing.
A more or less essential difference of these watertemperatures to that of the lightvessels is the fact they are measured in shallower water. Autocorrelation in the series is less, annual march is larger and the tops of it appear earlyer in time. Simplificated one can state "the weather of past months" is expressing itself less here, than in watertemperatures observed in the coastel waters. But, as this information is not lost, but stored in the watertemperatures observed in that previous months, it remains possible to add it artificially to the series.
Defining a delay-factor F, serving to compute a series monthly, means M', using the monthly means M, M_{-1}, M_{-2} and M_{-3} (month M and three previous months) with:

$$M' = (M + F.M_{-1} + F^2.M_{-2} + F^3.M_{-3}) / (1 + F + F^2 + F^3)$$

thus it appeared that the delayed series of Den Helder, shows the highest correlation with the series of the lightvessels using F = 0,3.
For the Easterscheldt series one finds F = 0,4.

The delayed series are consequently included in the processing of the series of the lightvessels. In annexes 2 and 3 the output is pointed with "D H .3" and "O S .4".

As annex 2 shows already to the naked eye, for both delayed series hold that the correlation of the departures from the own normals to the simultaneous departures of the lightvessels is in no way inferior to the mutual correlation of the simultaneous departures of the lightvessles together (more detailed descriptions in KNMI WR 84-3 chapter 2.2. and 2.1). Especially to Schouwenbank and the lightvessels north of it, the delayed series show a close relation. Noordhinder only, sometimes choses to go its own way. One of the most outstanding examples is shown the years 1931-1932 (see annex 2)

Annex 1 provides a listing of all positions of the lightvessels

Annexes 4 thru 11 provide observational data. Existing requets made it necessary to supply the data in more than one format. Given are the monthly means themselves. The departures of the own 60-year normals and the same departures normalised by the standard deviation of the relevant monthly means are also given. The definition of the seasons follows the custom of oceanography (january-march, april-june, july-september, october-december).
After worldwar II the lightvessels Schouwenbank and Maas were succeeded by lightvessles Goeree, at a position just in between that of its predecessors. Taking into account that the mutual differences of Schouwenbank and Maas used to be small, the series of Goeree is extended to the past with the half sum of Schouwenbank and Maas.
For the delayed series Easterscheldt and Den Helder the monthly means themselves are not given. They are too sensitive for a small shift in factor F, to posess more than incidental significance.

Quality indicators

In the tables, to all data a quality indicator is added:

(space)	no comment (less then 10 % completing data included)
.	10 - 33 % completing data included
*	34 % or more completing data included
H	completion of war-hiatus.

Behind the yearnumber, one can expect the following indications:

(space)	lightvessel-series: data based on 24-hour means; other series: data based on 08^h-observation
SW	Observing time: "Slack-water" (mixed observations at high and lowtide)
R	Reduced data (Den Helder 1972-1980 originates from 't Horntje, Easterscheldt 1894-1924 originates from Gorishoek)
#	Suspect data

The last indicator only occurs in the Easterscheldt series in the years 1925-1937. It concerns problematic data of which the originals are lost (description KNMI WR 83-12).

ICES-normals

Extra to all tables, also normals over period 1905-1954 are added in two ways: without and with inclusion of completed data. In the last case the years 1940-1947 are omitted. It permits to make out how far ICES-normals are differing from the 60-year normals used in this report.

Annexes 2 and 3 give a graphical representation of the departures of the own 60-year normals. In case of starrd data, the hiatus-completions and the most problematic traject november 1927 - april 1937 of the Easterscheldt series are plotted with circles. In case of starrd data the solid line continues; in case of hiatus-completions the line changes in a dotted one. In annex 2 in the years 1935-1936 a correction of the data of Maas is given. Already in the first version of annex 2 the curve of Maas seemed "to low". Inspection brought to light that in january 1937 the thermometer was exchanged. This coïncidence was not accepted as being accidental: march 1935 - january 1937 were corrected with + 1,0°C.

In annex 3 the seasonal departures are plotted. Except for the years 1914-1921 hiatus-completions are not plotted. The (vertical) °C- scale is 2 squares/°C, so twice as large as the vertical scale in annex 1.

2. Toelichting

Dit verslag maakt deel uit van een serie van acht verslagen waarin een klimatologische beschrijving en presentatie van alle in Nederland waargenomen watettemperaturen wordt gegeven. In dit onderdeel worden de waarnemingen van de Nederlandse lichtschepen gepresenteerd. Kortere onderbrekingen in de reeksen en de bijna-geheel aanwezige standaard 10-jaar tijdvakken (1881-1890 enz. tot en met 1971-1980) werden aangevuld en voor elk van de lichtschepen worden alle waarnemingen herleid tot één standaardpositie. Hiermee ontstonden de gecompleteerde en gehomogeniseerde reeksen van bijlagen 4 tot en met 9. Een globale beschrijving van de weg die daarvoor afgelegd werd ziet er uit als volgt:

- Eerst werden uit 'Van der Stok,'Verploegh' en de 'Jaarboeken' alle beschikbare maandgemiddelden van de watertemperatuur overgenomen. Voor enige tientallen stationjaar nog onbewerkte waarnemingen werden ze vanuit de journalen berekend. Na afloop bleek dat zes standaard 10-jaar tijdvakken redelijk compleet waren. dat zijn die, die vallen in 1891-1910, 1921-1940 en 1951-1970. Deze zes decennia werden zo goed en zo kwaad als het ging aangevuld, de 60-jaarnormalen werden berekend en afwijkingen van de eigen normaal werden uitgezet (voorloper van bijlage 2).

- De onderlinge correlatie van de simultane afwijkingen van de eigen normaal bleek dermate sterk te zijn, dat het inschatten van ontbrekende gegevens veel overzichtelijker en strenger bleek te kunnen worden aangepakt. De hele zaak werd daarom nog eens rondgehaald: opnieuw aanvullen, nieuwe normalen berekenen, nieuwe grafiek tekenen.

- Daarmee begonnen de wat meer subtiele zaken zichtbaar te worden. Zo bleek ineens dat Terschellingerbank in de jaren 1949-1970 in vergelijking tot de overige lichtschepen altijd "te warme zomers" en "te koude winters" vertoonde. Hier moesten blijkbaar correcties voor positiewisselingen worden aangebracht. Bij nader inzien bleken er nog veel meer positiecorrecties nodig te zijn. De hele zaak werd "op schijf gezet" en nog een paar keer rondgehaald. Hierbij kon ook veel meer statistiek bedreven worden.

Om het verder kort te houden: de in dit verslag gegeven tabellen en grafieken zijn het eindprodukt van een iteratief rekenproces. De snelle convergentie daarvan garandeert dat men, uitgaande van de originele waarnemingsgegevens, ondanks welk geprobeer en geblunder onderweg dan ook, tenslotte op één wèlgedefinieerde einduitkomst terecht komt, die geheel bepaald wordt:

- door de uiteindelijk gehanteerde systematiek waarmee men aanvult (volledige beschrijving KNMI WR 84-3 , par. 2.3.)

- en door de positiecorrecties die uiteindelijk vastgesteld werden (volledige beschrijving KNMI WR 84-3 , par. 3.)

De acht standaardligplaatsen waarnaar alle waarnemingen herleid werden, werden als volgt vastgesteld (zie ook bijlage 1):

		NB	OL
NH_2	Noordhinder	51°39'	2°34'
SB_1	Schouwenbank	51°47'	3°27'
MS_1	Maas	52° 2'	3°54'
GR_3	Goeree	51°54'	3°39'
TX_3	Haaks/Texel	53° 1'	4°22'
TB_2	Terschellingerbank	53°27'	4°47'
WP_{13}	Doggersbank-Zuid	54°45'	3°59'
WP_{16}	Doggersbank-Noodrd	56° 0'	5° 0'

Een erg prettig bijprodukt van de werkwijze is, dat door de hoge correlatie van de simultane afwijkingen van de eigen normaal, de meeste fouten wel heel erg zichtbaar gaan worden. Bijlage 2 en de eerdere versies daarvan hebben wat dit betreft een uitstekende staat van dienst. Er kan hier dus een vrij behoorlijke garantie gegeven worden dat alle reeksen inmiddels vrij zijn geraakt van grove fouten (opsomming van in eerdere publikaties gevonden fouten, zie: KNMI WR 84-3 , pagina 2.4.).
Toen alles van kant leek, volgde in de tijd van vier jaren, bij stukjes en beetjes en vanuit de meest onverwachte plaatsen, de vondst van nog eens 600 stationjaar voor visserij-onderzoek verzamelde waarnemingen.

Uit dit materiaal kwamen twee verbazend lange reeksen tevoorschijn, die vanaf het moment dat ze hanteerbaar werden, gelijk als standaard voor het gehele land zijn gaan fungeren.
Het gaat hierom:

- Een meetreeks Den Helder-'t Horntje, ononderbroken voortlopend van 1860 tot heden (beschrijving daarvan in KNMI WR 82-8)
- Een meetreeks Gorishoek-Loodijksegat (visserijpolitie) uit de de oostelijke kom van de Oosterschelde, eveneens ononderbroken voortlopend, van 1894 tot heden (beschrijving daarvan in KNMI WR 83-12 en TR 40).

Nu heeft men voor het aanvullen van de vrij gegehavende lichtschipreeksen beslist nog één of meer lange gave meetreeksen nodig, die minstens een enigszins dragelijk verband met de lichtschipreeksen moeten vertonen.
De beide teruggevonden watertemperaturenreeksen bleken hier eindelijk precies te kunnen geven wat nodig was.
Een vrij essentieel verschil van deze watertemperatuurwaarnemingen met die van de lichtschepen is echter, dat in ondieper water gemeten wordt. De autocorrelatie in de reeks is kleiner, de jaarlijkse gang is groter en de toppen daarvan vallen eerder in de tijd.
Wat simpel gezegd komt "het weer van de voorafgaande maanden" in de hier waargenomen watertemperatuur wat minder duidelijk tot uiting dan in die van de lichtschepen. Maar omdat die informatie niet verloren ging, maar aanwezig bleef in de watertemperaturen die in die voorafgaande maanden waargenomen werden, blijft het ook mogelijk om die kunstmatig aan de reeks toe te voegen. Definieert men een vertragingsfactor F, waarmee men op basis van de maandgemiddelden M, M_{-1}, M_{-2} en M_{-3} (maand M en de drie voorafgaande maanden) een nieuwe reeks M' afleidt volgens:

$$M' = (M + F.M_{-1} + F^2.M_{-2} + F^3.M_{-3}) \; / \; (1 + F + F^2 + F^3)$$

dan blijkt de correlatie van de aldus vertraagde meetreeks van Den Helder met de lichtschipreeksen maximaal te worden voor $F = 0,3$. Voor de Oosterscheldereeks vindt men $F = 0,4$. Deze vertraagde meetreeksen werden met de bewerkingen meegenomen. In bijlagen 2 en 3 komt men ze tegen onder de aanduidingen "DH.3" en "OS.4". Zoals in bijlage 2 ook al met het blote oog te zien is, geldt voor elk van deze twee reeksen dat het verband van de eigen normaal met die van de lichtschepen niets onderdoet voor het verband dat de lichtschepen onderling vertonen.
(Meer gedetailleerde beschrijving zie KNMI WR 84-3 par. 2.2 en 2.1).

Vooral met de lichtschepen dicht langs de kust blijken ze één hecht verband te vormen. Daarentegen verkiest lichtschip Noordhinder soms duidelijk zijn eigen gang te gaan. Eén van de meest markante voorbeelden vindt men in bijlage 2 in de jaren 1931-1932.

Verder zijn hier alleen nog maar enige feitelijkheden betreffende de bijlagen te vermelden:

Bijlage 1

Hier treft men een opsomming aan van alle ligplaatsen van de lichtschepen.

Bijlagen 4 tot en met 11 (waarneming)

Omdat daar behoefte aan bestaat, worden de watertemperatuurreeksen in meer dan één vorm gepresenteerd. En wel: de maandgemiddelden zelf, de afwijkingen van de eigen 60-jaar normaal, en deze zelfde afwijking genormeerd op de standaardafwijking van de betreffende maandgemiddelden. Daarbij is de bij de oceanografen gebruikelijke tijdvakindeling gebruikt (januari t/m maart, april t/m juni enz.).

Lichtschepen Schouwenbank en Maas werden na de tweede wereldoorlog opgevolgd door lichtschip Goeree, op een positie juist midden tussen die van zijn beide voorgangers. Daar de onderlinge verschillen van Schouwenbank en Maas altijd maar klein geweest zijn, kan men hier van drie korte reeksen één lange maken. De in bijlage 6 gegeven meetreeks van Goeree is naar het verleden verlengd met de halve som van Schouwenbank en Maas.

Van de vertraagde Oosterscheldereeks en van die van Den Helder worden de maandgemiddelden zelf niet gegeven. Deze zijn te zeer gevoelig voor kleine veranderingen in de vertragingsfaktor F om een meer dan incidentele betekenis te bezitten.

Kwaliteitsaanduidingen

In de tabellen is bij alle verstrekte gegevens de "kwaliteit" aangeduid:

(spatie)	geen bijzonderheden (het gegeven bevat < 10 % aanvullingen)
.	gegeven bevat 10-33 % aanvullingen
*	gegeven bevat 34 % of meer aanvullingen
H	aanvulling van oorlogshiaat of completering van standaard 10-jaar tijdvak (altijd 100 % aangevuld).

Achter het jaartal kan men nog de volgende aanduidingen tegenkomen:

(spatie) Bij lichtschepen: gebaseerd op 24 uur gemiddelden;
overige reeksen: gebaseerd op 08^h-waarnemingen.

SW Waarneming tijdens stil water (bij HW en LW tijdens de kentering)

R Reductie vanuit naburig station.
Voor de Oosterscheldereeks is dat vanuit Gorishoek (tegenover Yerseke) en voor Den Helder is dat vanuit 't Horntje (aan de overkant Marsdiep op Texel).

Oppassen: gegevens met gebreken.

Dit laatste komt hier alleen voor bij de Oosterscheldereeks in tijdvak 1925-1937. Om te beginnen (zie KNMI TR-40) waren er overtuigend duidelijke tekenen dat in tijdvak november 1927 en april 1937 een thermometer met verlopende ijking werd gebruikt. Er moest fors gecorrigeerd worden. De keuze viel op een gelijkmatig verlopende correctie van - 1,1 ^oC in november 1927 tot + 1,7 ^oC in april 1937. Daarenboven treft men hier de ongelukkige combinatie aan van waarnemingen die blijk geven niet goed bewerkt te zijn en het zoekraken van de originele registers. Nu vallen deze ongelukken in één van de gaafste delen van het gezamenlijk waarnemingsmateriaal van de lichtschepen, en ook binnenslands zijn nog een klein tiental goede parallelreeksen beschikbaar. Onderlinge vergelijking van deze gegevens maakt het mogelijk om de het meest in het zicht schietende fouten wat te corrigeren. Hiervoor zij verwezen naar het tabellenboek met watertemperaturen van het meetnet van KNMI en Rijkswaterstaat (WR 84-5).

Uiteindelijk werd besloten om deze gecorrigeerde versie ook in dit verslag te verwerken. Voor tijdvak 1925-1935 is deze dus niet geheel gelijk aan de in TR-40, WR 83-12 en wr 84-3 gepubliceerde Oosterscheldereeks. Ook de bijlagen 2 en 3 werden bijgewerkt. Door de afvlakking van de reeks heeft een correctie ook nog "echo's" in de volgende maanden. De gecorrigeerde waarden werden geplot met #, en wel alleen in die gevallen waarbij de afwijking tov. de "oude" waarde meer dan $0,1^oC$ bedroeg.

ICES-normalen

Bij alle tabellen zijn ook normalen voor tijdvak 1905-1954 gegeven: zónder en mèt meeneming van aangevulde waarden. In het laatste geval werden de jaren 1940-1947 geheel weggelaten. In alle gevallen kan dus nagegaan worden in hoeverre de ICES-normalen van de in dit verslag gehanteerde 60-jaar normalen vandaan liggen.

Bijlagen 2 en 3 (grafische voorstellen)

De gesterde waarden, de hiaataanvullingen en het zwaar gecorrigeerde deel november 1927- april 1937 van de Oosterscheldereeks werden met cirkeltjes geplot. Bij de gesterde waarden loopt de getrokken lijn gewoon door; bij de hiaataanvullingen gaat hij over in een stippellijn.

In bijlage 2 is ook nog een correctie in de waarnemingen van lichtschip Maas in de jaren 1935-1936 aangegeven. Bij controle bleek in januari 1937 de thermometer verwisseld te zijn. Deze coïncidentie werd niet aanvaard als zijnde toevallig: maart 1935 tot en met januari 1937 werden gecorrigeerd met + 1,0 ^{o}C.

In bijlage 3 zijn buiten het tijdvak 1914-1921 alle hiaataanvullingen weggelaten en de (vertikale) ^{o}C-schaal is twee hokjes/^{o}C, dus dubbel zo groot als in bijlage 2.

3. Referenties

Dr. J.P. van der Stok, 1912, 'Das Klima das Südöstliche Teiles der Nordsee, unweit der Niederländische Küste', KNMI Mededelingen en Verhandelingen 13.

G. Verploegh, 1959, 'Klimatologische gegevens van de Nederlandse lichtschepen over de periode 1910-1940', 'Climatological Data of the Netherlands Lightvessels over the period 1910-1040', KNMI Mededelingen en Verhandelingen 67.

Jaarboeken 1949-1982, Metereologische en Oceanografische waarnemingen aan boord van de Nederlandse lichtschepen in de Noordzee, KNMI publikatie nr. 14.

Metereologische journalen van de lichtschepen vanaf 1886, berusten op het KNMI in het waarnemingsarchief van de afdeling Oceanografisch Onderzoek.

Verder wordt nog verwezen naar de volgende tot dusver verschenen watertemperatuurverslagen:

P.C.T. van der Hoeven, 1982, Watertemperatuur en zoutgehaltemetingen van het Rijksinstituut voor Visserij-onderzoek 1860-1981, 'Observations of surface watertemperature and salinity, State Office of Fishery Research 1860-1981, KNMI WR 82-8.

P.C.T. van der Hoeven, J. Muysert, 1983, Watertemperatuur en zoutgehaltemetingen nabij het Loodijksegat (Oosterschelde) 1921-1982, 'Observations of surface watertemperature and salinity in the Easterscheldt 1894-1982', KNMI WR 83-12.

P.C.T. van der Hoeven, 1983, Watertemperatuur en zoutgehaltemetingen in de Oosterschelde 1894-1982, Observations of surface watertemperature and salinity in the Easterscheldt 1894-1982, KNMI WR 83-12.

P.C.T. van der Hoeven, 1984, Watertemperatuurwaarnemingen in Nederland vanaf 1860: statistiek, Observations of surface watertemperature in the Netherlands from 1860: statistics, KNMI WR 84-3.

P.C.T. van der Hoeven, 1984, Watertemperatuurwaarnemingen in Nederland vanaf 1860: meetreeksen KNMI-RWS, Observations of surface watertemperature in the Netherlands from 1860: Series from KNMI-RWS, KNMI WR 84-5.

DE POSITIES VAN DE

N E D E R L A N D S E L I C H T S C H E P E N

BIJLAGE 1

LICHTSCHIP NOORDHINDER (journalen vanaf 1 jan. 1886)

NH1	a.	51°35,4'	2°36,6'	45 km	1- 4 -1859	28-10-1914)*
WP1	(oorl. pos.)	51°47'	2°41'	60 km	28-10-1914	16- 6 -1916
WP2	(oorl. pos.)	52°5,2'	2°39,9'	80 km	17- 6 -1916	13-12-1917
			HIAAT		13-12-1917	19- 1 -1920
NH1	b.	51°35,5'	2°36,5'	45 km	19- 1 -1920	4- 7 -1928
NH2	c.	51°38,4'	2°33,8'	51 km	4- 7 -1928	23- 6 -1937
NH2	d.	51°39'	2°34'	51 km	23- 7 -1937	3- 9 -1939
WP3	(oorl. pos.)	51°34,8'	2°37,3'	43 km	29- 9 -1939	12- 3 -1940
			HIAAT		12- 3 -1940	17- 2 -1953
NH2	e.	51°39'	2°32'	53 km	17- 2 -1953	31- 8 -1953
NH2	f.	51°39'	2°34'	53 km	1- 9 -1953	31- 1 -1972
NH2	g.	51°39'	2°33'	53 km	1- 2 -1972	25- 4 1982

EINDE VAN DE WAARNEMINGEN ----------

)* okt 1872 - jan 1881 geen watertemp gemeten.

LICHTSCHIP SCHOUWENBANK (journalen vanaf 16 feb. 1886)

SB1	a.	51°47,5'	3°30,0'	18 km	1- 1 -1882	9- 7 -1886
SB1	b.	51°47,3'	3°27,3'	19 km	25- 7 -1886	31-12-1906
SB1	c.	51°47,1'	3°27,4'	19 km	1- 1 -1907	20- 6 -1916
WP4	(oorl. pos.)	51°41,8'	3°17,4'	21 km	20- 6 -1916	16- 2 -1917
			HIAAT		16- 2 -1917	1- 9 -1921
SB1	d.	51°47,1'	3°27,4'	19 km	1- 9 -1921	25- 6 -1934

EINDE VAN DE WAARNEMINGEN ----------

LICHTSCHIP MAAS (alle journalen aanwezig)

MS1	a.	52°1,6'	3°53,5'	18 km	1- 7 -1891	29-12-1915
MS1	b.	52°2,0'	3°53,5'	19 km	29-12-1915	30- 5 -1917
			HIAAT		30- 5 -1917	28- 1 -1919
MS1	c.	52°1,5'	3°54,0'	18 km	28- 1 -1919	31-12-1930
MS1	d.	52°2,0'	3°53,5'	19 km	1- 1 -1931	3- 9 -1939

EINDE VAN DE WAARNEMINGEN ----------

LICHTSCHIP GOEREE (alle journalen aanwezig)

GR2	e.	51°52,5'	3°38,5'	17 km	8- 7 -1946	13- 4 -1950
GR3	f.	51°52,3'	3°34,5'	20 km	13- 4 -1950	10- 1 -1952
GR3	g.	51°52,7'	3°35,4'	20 km	11- 1 -1952	19- 5 -1953
GR3	h.	51°55'	3°40'	18 km	19- 5 -1953	1- 8 -1955
GR3	i.	51°55,8'	3°39,7'	19 km	1- 8 -1955	30-11-1962
GR3	j.	51°55'	3°39'	19 km	1-12-1962	14- 9 -1971

LICHTEILAND GOEREE

GRE	k.	51°56'	3°40'	20 km	14- 9 1971	HEDEN

LICHTSCHIP HAAKS (alle journalen aanwezig)

HX1	a.	52°57,8'	4°18,3'	26 km	2- 3 -1890	6- 8 -1914
			HIAAT		6- 8 -1914	6- 8 -1917
WP5	(oorl. pos.)	53°0'	4°5'	42 km	6- 8 -1917	2- 1 -1918
WP6	(oorl. pos.)	52°57,5'	3°55,0'	52 km	2- 1 -1918	28-10-1919
HX1	b.	52°57,5'	4°18,4'	26 km	28-10-1919	23-11-1922
HX1	c.	52°57,5'	4°19,2'	26 km	29-11-1922	3- 9 -1939
			HIAAT		3- 9 -1939	28- 3 -1947

LICHTSCHIP TEXEL (alle journalen aanwezig)

TX2	d.	53°5'	4°31,5'	15 km	29- 3 -1947	15- 6 -1951
TX2	e.	53°7'	4°30'	17 km	15- 6 -1951	11- 8 -1954
TX3	f.	53°1,5'	4°21,5'	25 km	24- 9 -1954	30-12-1971
TX3	g.	53°0'	4°23'	23 km	30-12-1971	4-11-1975
TX4	h.	53°1,8'	4°17,8'	29 km	4-11-1975	21- 7 -1977

EINDE VAN DE WAARNEMINGEN ----------

LICHTSCHIP TERSCHELLINGERBANK (journal vanaf 8-2-1886)

TB1	a.	53°27'	4°51,6'	19 km	1- 1 -1884	6- 8 -1914)*
			HIAAT		6- 8 -1914	12- 5 -1916
TB1	b.	53°27'	4°52,0'	19 km	12- 5 -1916	9- 2 -1917
WP7	(oorl. pos.)	53°29'	4°17'	49 km	9- 2 -1917	2- 8 -1917
WP8	(oorl. pos.)	53°29'	4°2'	62 km	2- 8 -1917	3- 1 -1918
WP9	(oorl. pos.)	53°29'	3°52'	71 km	3- 1 -1918	27-11-1918
			HIAAT		28-11-1918	18- 8 -1921
TB1	c.	53°27'	4°51,5'	19 km	18- 8 -1921	15- 4 -1925
TB2	d.	53°29'	4°51,5'	22 km	19- 4 -1925	31- 1 -1928
TB2	e.	53°27,2'	4°47,4'	22 km	7- 2 -1928	31-12-1930
TB2	f.	53°27'	4°46,7'	22 km	1- 1 -1931	24- 5 -1938
TB2	g.	53°27'	4°47,5'	22 km	25- 5 -1938	3- 9 -1939
WP10	(oorl. pos.)	53°28'	4°0'	63 km	3- 1 -1940	17- 5 -1940
			HIAAT		17- 5 -1940	31-12-1948
TB3	h.	53°28'	5°8'	10 km	1- 1 -1949	31-10-1950
TB3	i.	53°28,5'	5°8,5'	10 km	1-11-1950	19- 6 -1951
TB3	j.	53°29,7'	5°7,6'	12 km	10- 7 -1951	31- 5 -1954
TB3	k.	53°29'	5°7'	12 km	14- 8 -1954	31-10-1956
TB3	l.	53°29'	5°8'	12 km	1-11-1956	5- 7 -1965
TB3	m.	53°29,5'	5°8,5'	12 km	30- 9 -1965	6- 7 -1970
TB4	n.	53°28,9'	4°46,2'	26 km	4- 9 -1970	15- 4 -1975

EINDE VAN DE WAARNEMINGEN ----------

)* tot mrt 1886 geen watertemp gemeten.

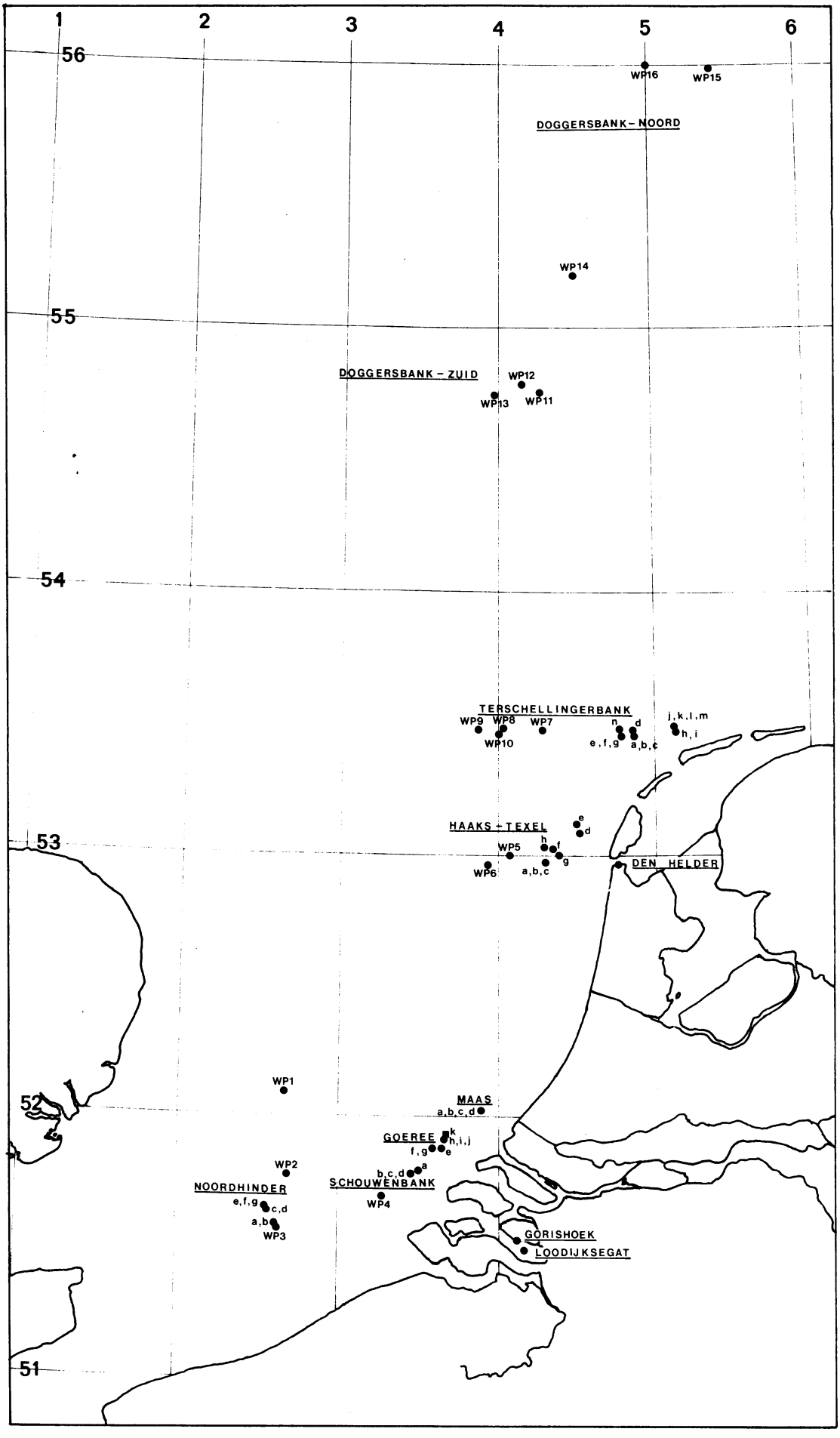
LICHTSCHIP DOGGERSBAND-ZUID (alle journalen aanwezig)

WP11	(oorl. pos.)	54°45,3'	4°15,5'	-	10- 3 -1917	2- 8 -1917
WP12	(oorl. pos.)	54°47'	4°8,5'	-	2- 8 -1917	14- 6 -1918
WP13	(oorl. pos.)	54°45'	3°58,5'	-	14- 6 -1918	26- 7 -1921

EINDE VAN DE WAARNEMINGEN ----------

LICHTSCHIP DOGGERSBANK-NOORD (alle journalen aanwezig)

WP14	(oorl. pos.)	55°12'	4°28'	-	22- 2 -1917	12- 3 -1917
WP15	(oorl. pos.)	55°59,5'	5°24,1'	-	13- 3 -1917	2- 8 -1917
WP16	(oorl. pos.)	56°0'	5°0'	-	2- 8 -1917	22- 7 -1921


1
2
3
4
5
6
56
55
54
53
52
51
WP16
WP15
DOGGERSBANK - NOORD
WP14
DOGGERSBANK - ZUID
WP12
WP13
WP11
TERSCHELLINGERBANK
WP9
WP8
WP7
WP10
n
d
j,k,l,m
h,i
e,f,g
a,b,c
HAAKS - TEXEL
e
d
h
f
WP5
g
WP6
a,b,c
DEN HELDER
WP1
MAAS
a,b,c,d
GOEREE
k
h,i,j
f,g
e
a
b,c,d
WP2
SCHOUWENBANK
NOORDHINDER
e,f,g
c,d
a,b
WP4
WP3
GORISHOEK
LOODIJKSEGAT

SIMULTANE AFWIJKINGEN VAN DE EIGEN NORMAAL

C H R O N O L O G I S C H O V E R Z I C H T
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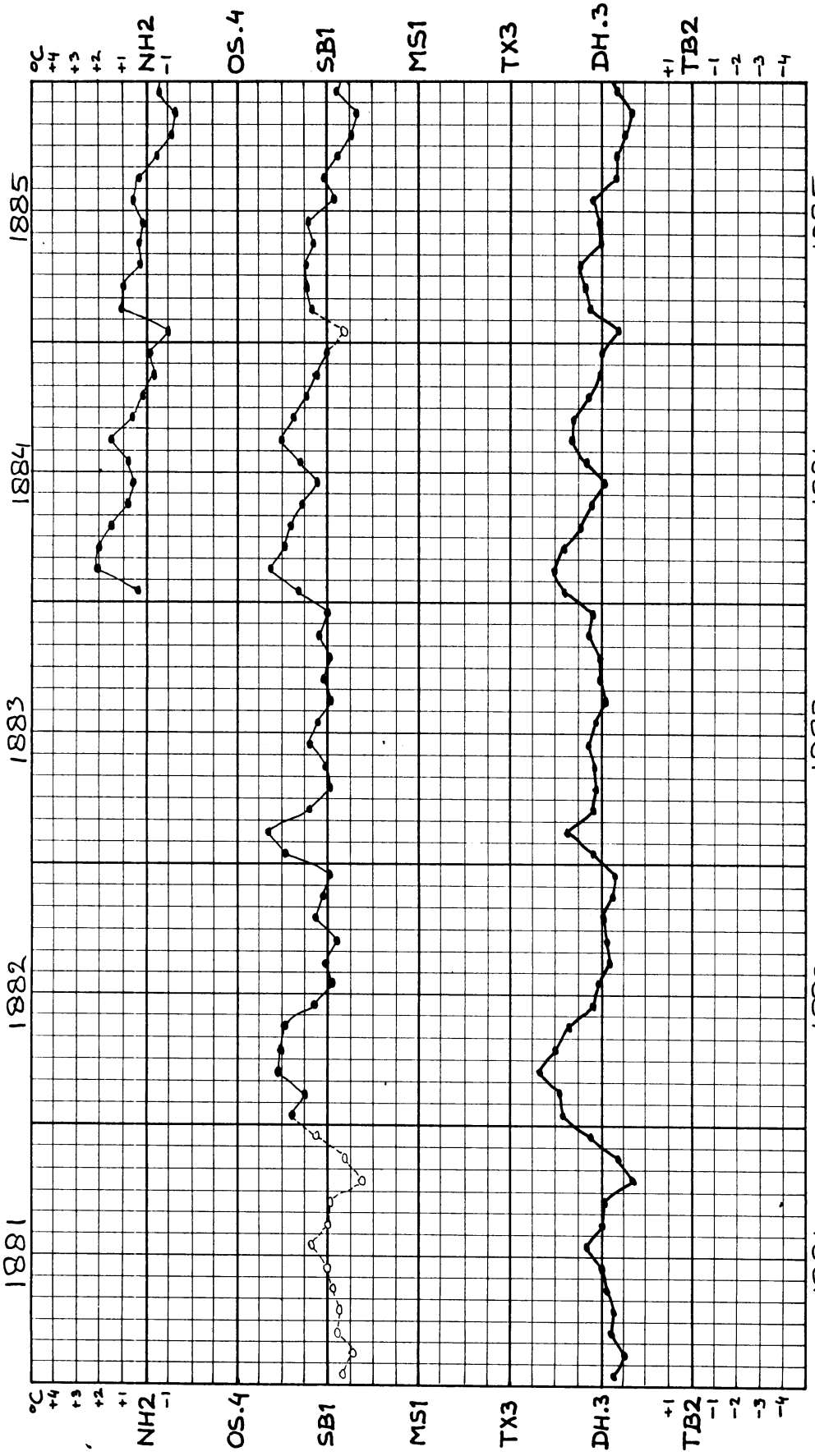
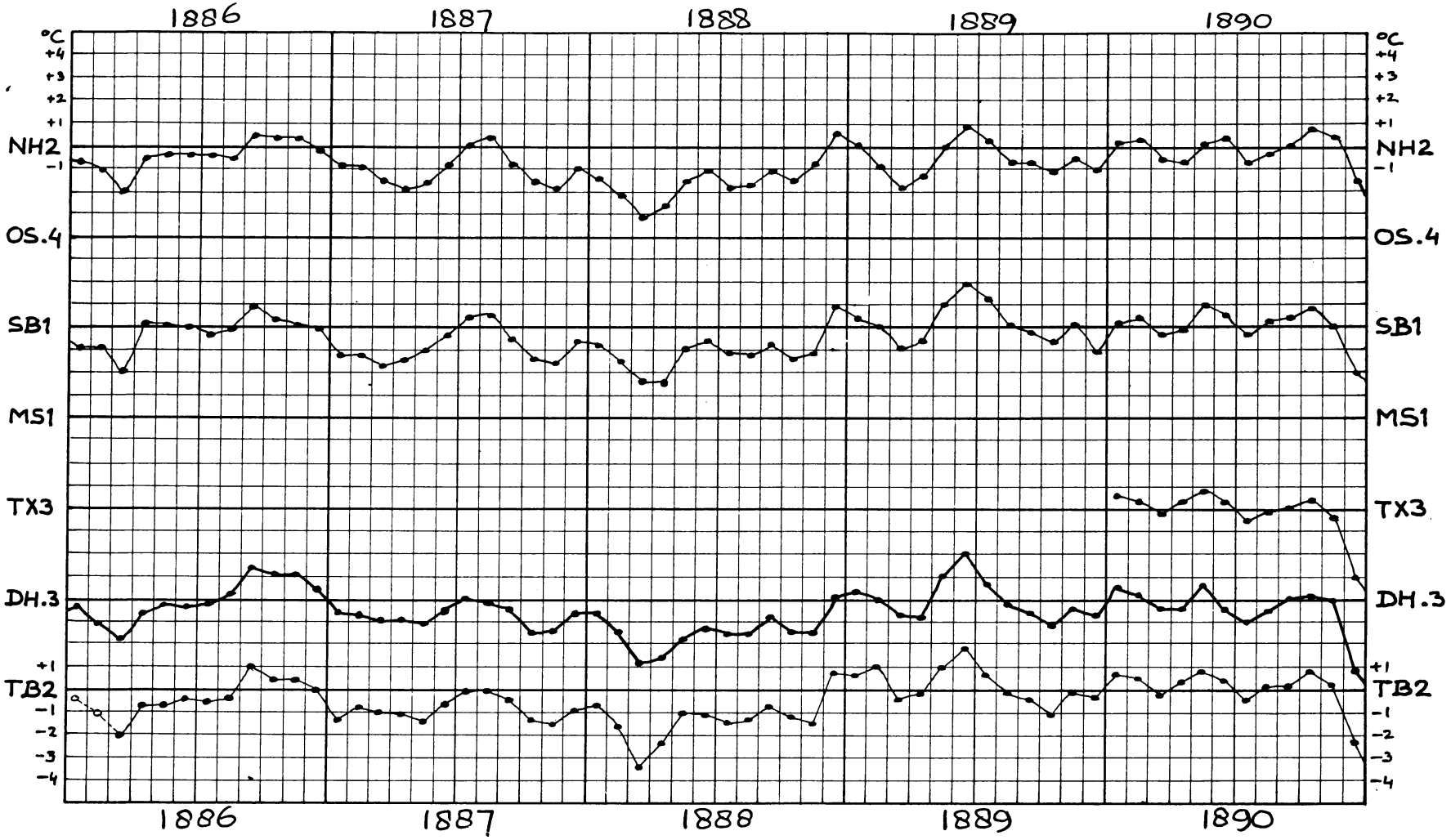
BIJLAGE 2



WATERTEMPERATUREN NOORDZEE

AFWIJKING VAN EIGEN 60_JAAR NORMAAL



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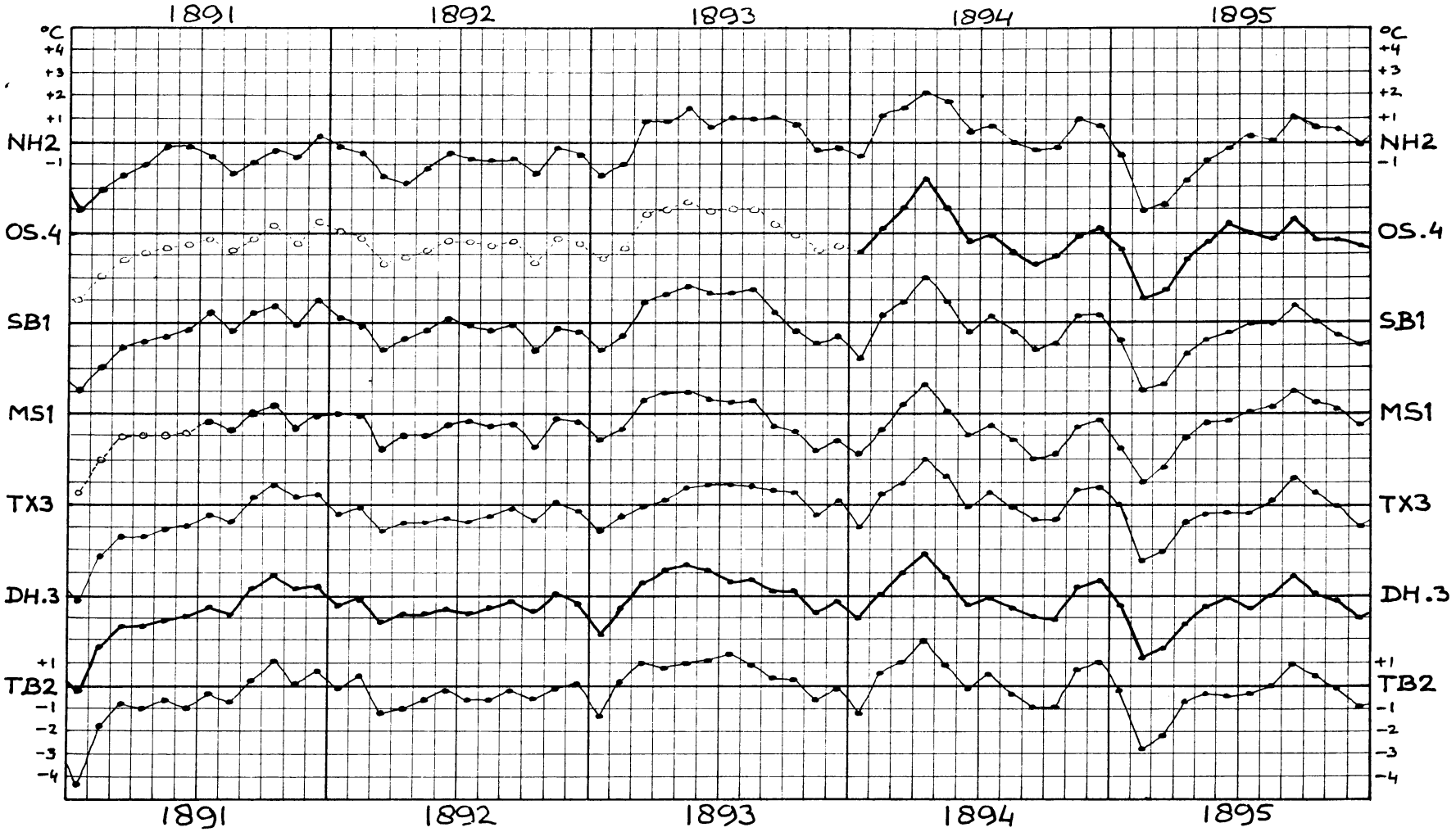
AFWIJKING VAN EIGEN 60_JAAR NORMAAL

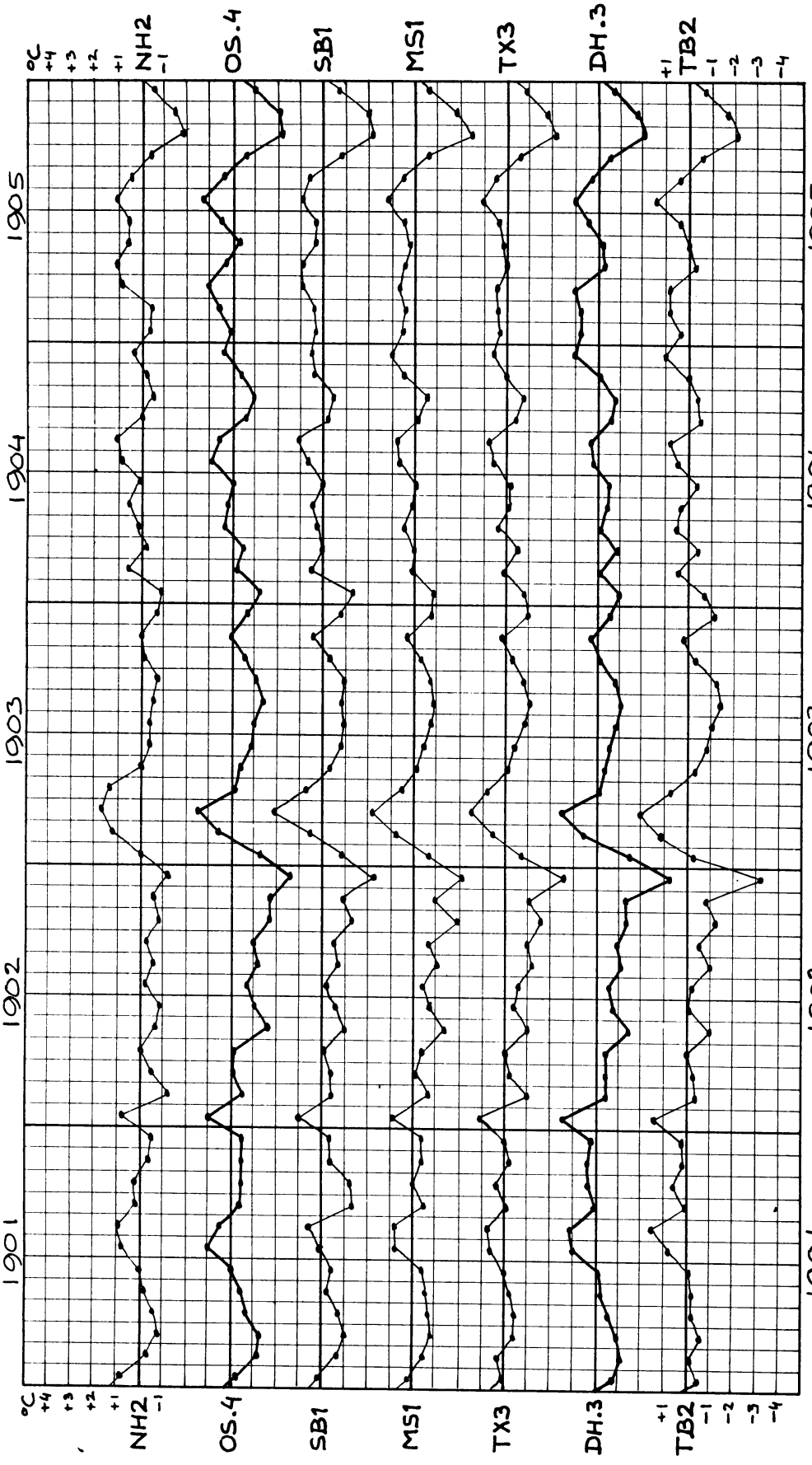


WATERTEMPERATUREN NOORDZEE

AFWIJKING VAN EIGEN 60-JAAR NORMAAL

WATERTEMPERATUREN NOORDZEE

AFWIJKING VAN EIGEN 60-JAAR NORMAAL



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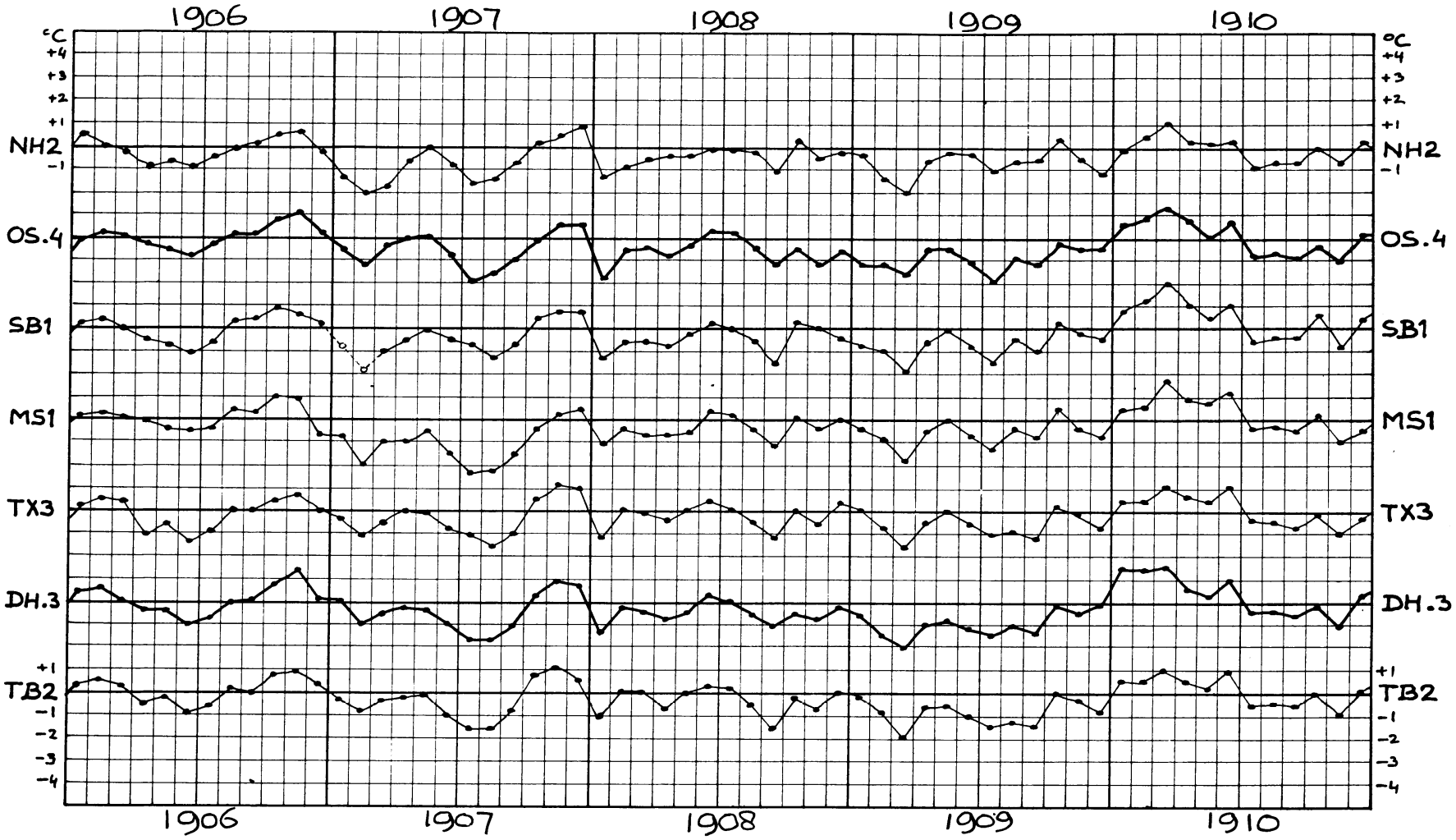

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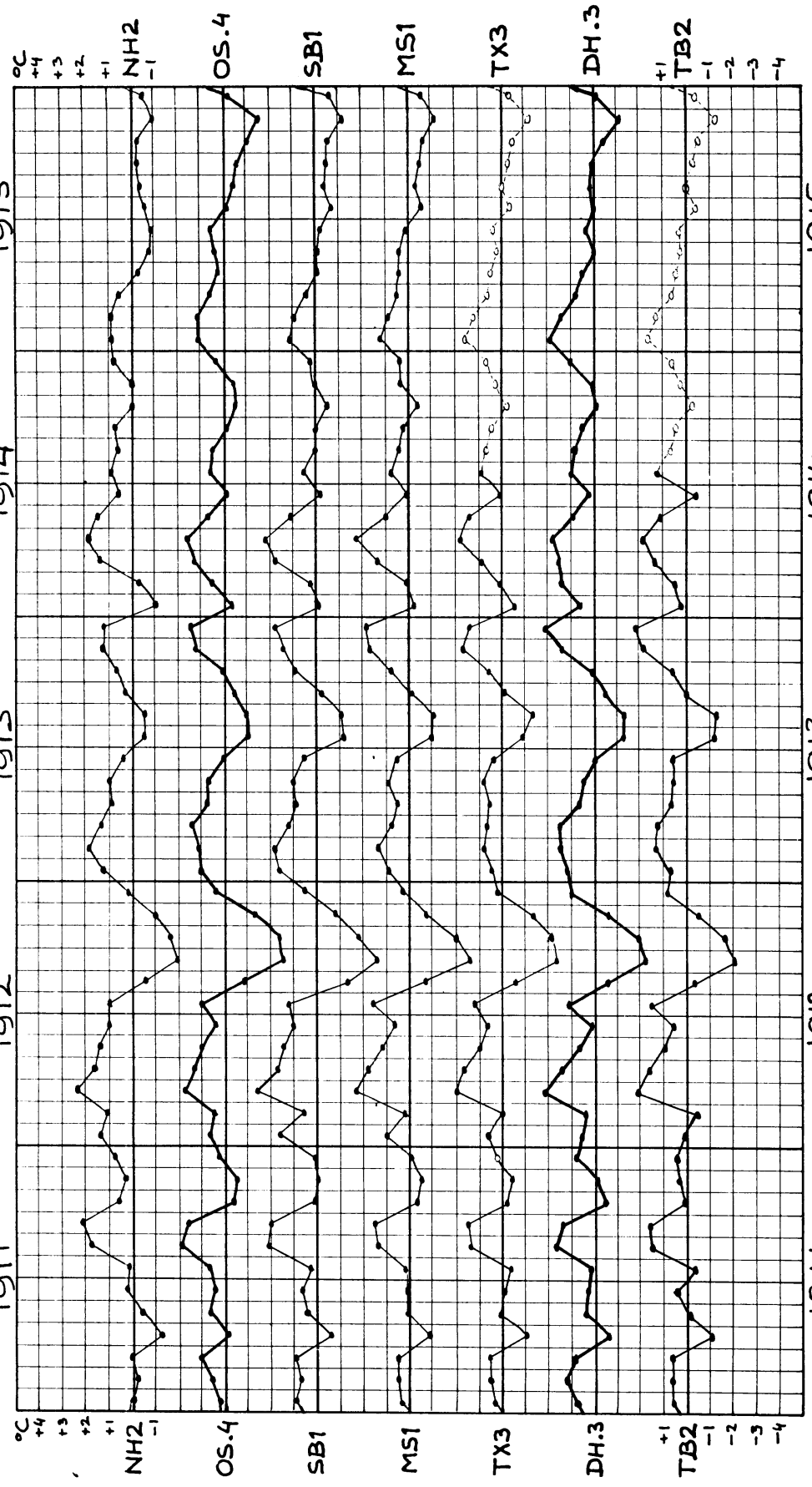

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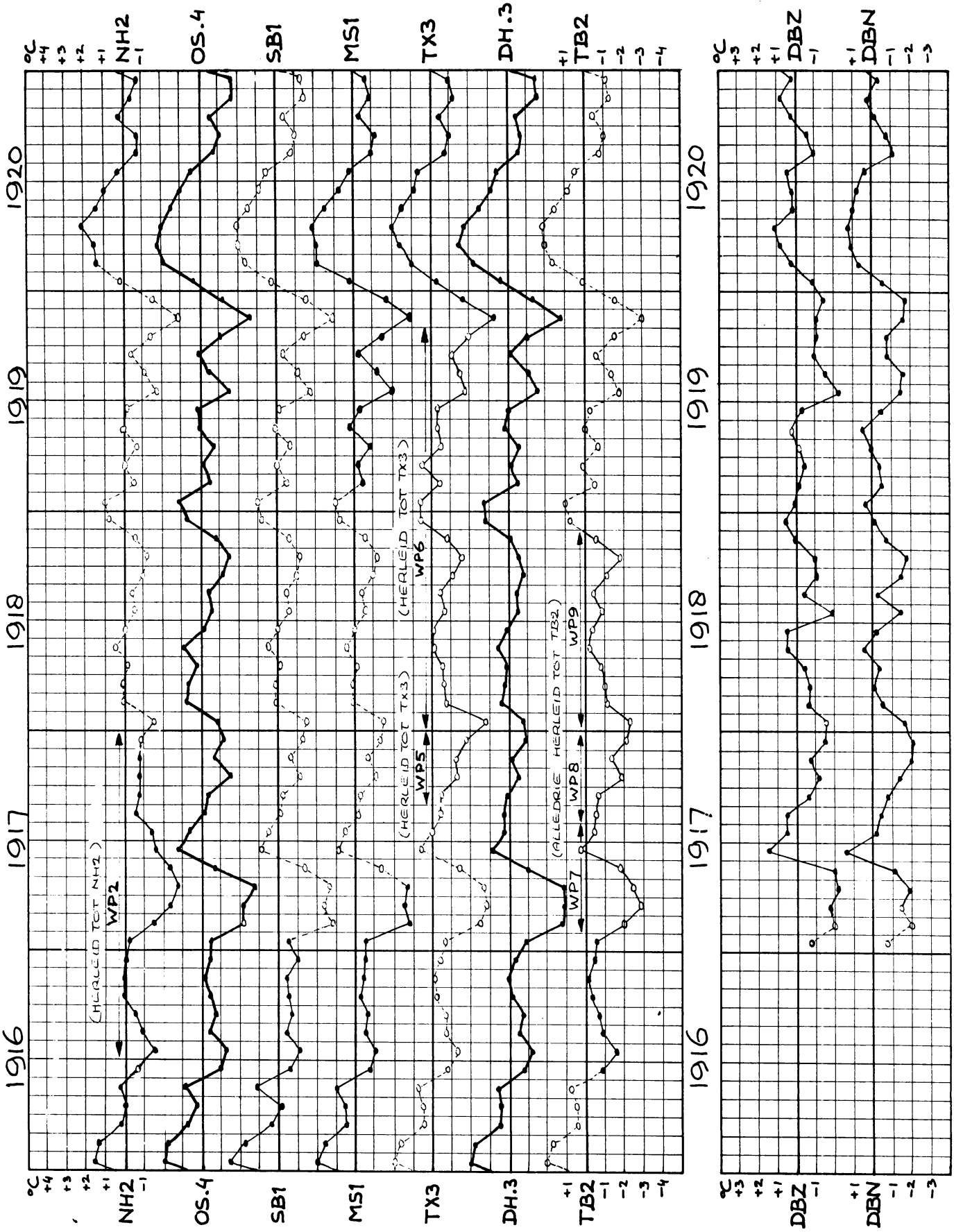
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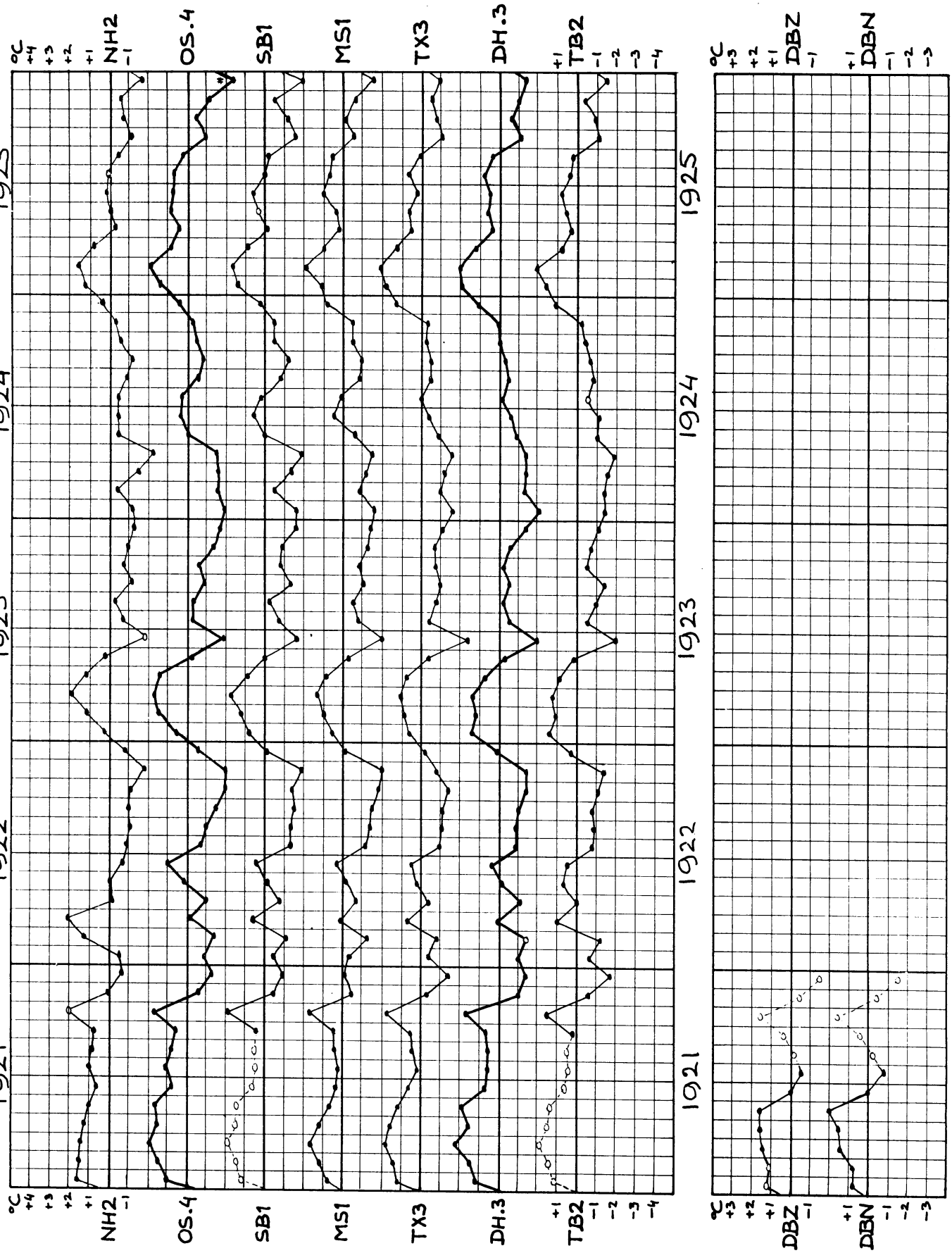
+3
+2
+1
NH2
-1
OS.4
SB1
MS1
TX3
DH.3
TB2
-2
-3
-4
1916
1917
1918
1919
1920
(HERLEID TOT NH2)
WP2
(HERLEID TOT TX3)
WP5
WP6
(ALLEDRIE HERLEID TOT TB2)
WP7
WP8
WP9
DBZ
DBN


°C
+4
+3
+2
+1
NH2
-1
OS.4
SB1
MS1
TX3
DH.3
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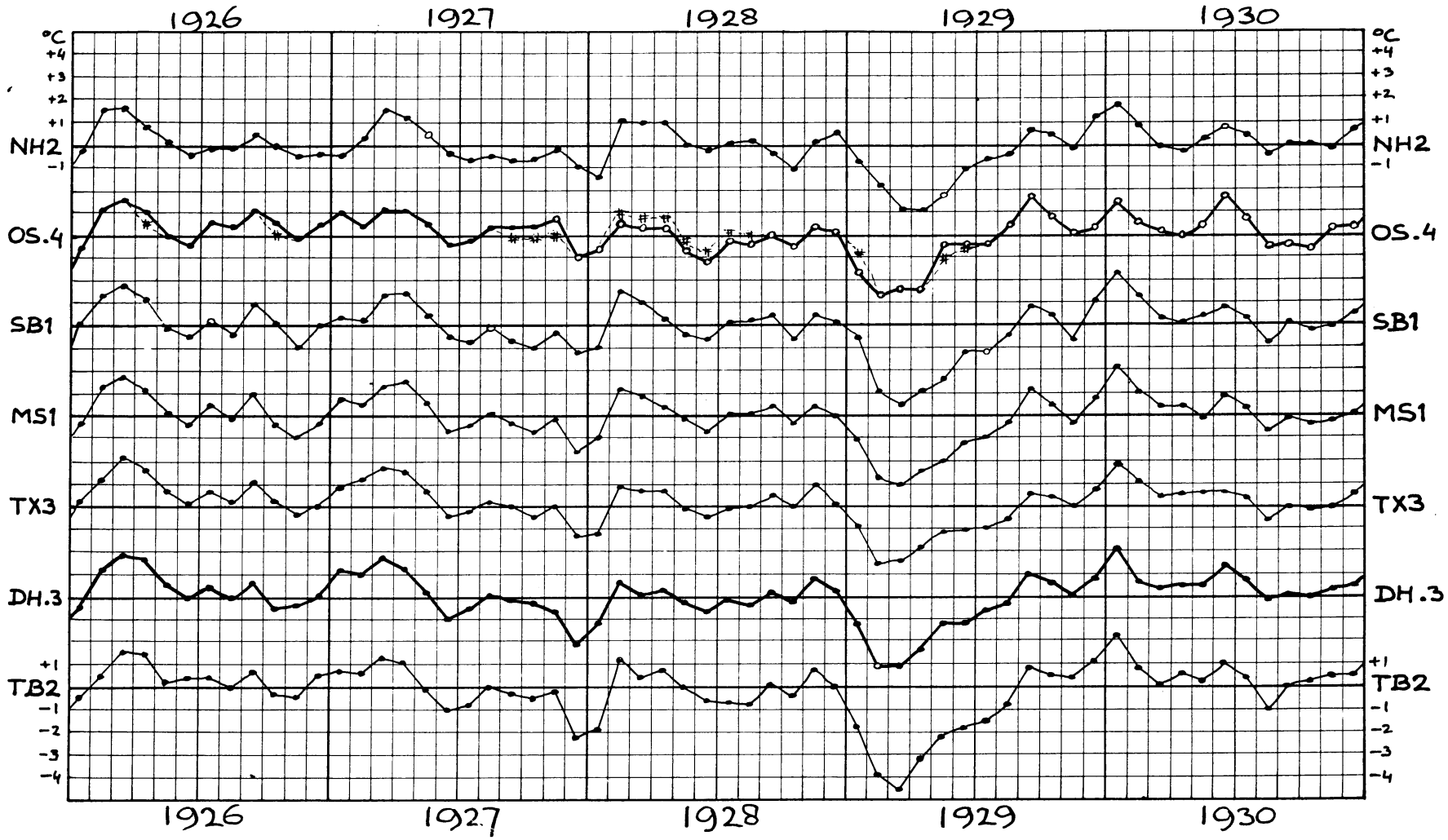
-2
-3
-4
1921
1922
1923
1924
1925
°C
+3
DBZ
DBN



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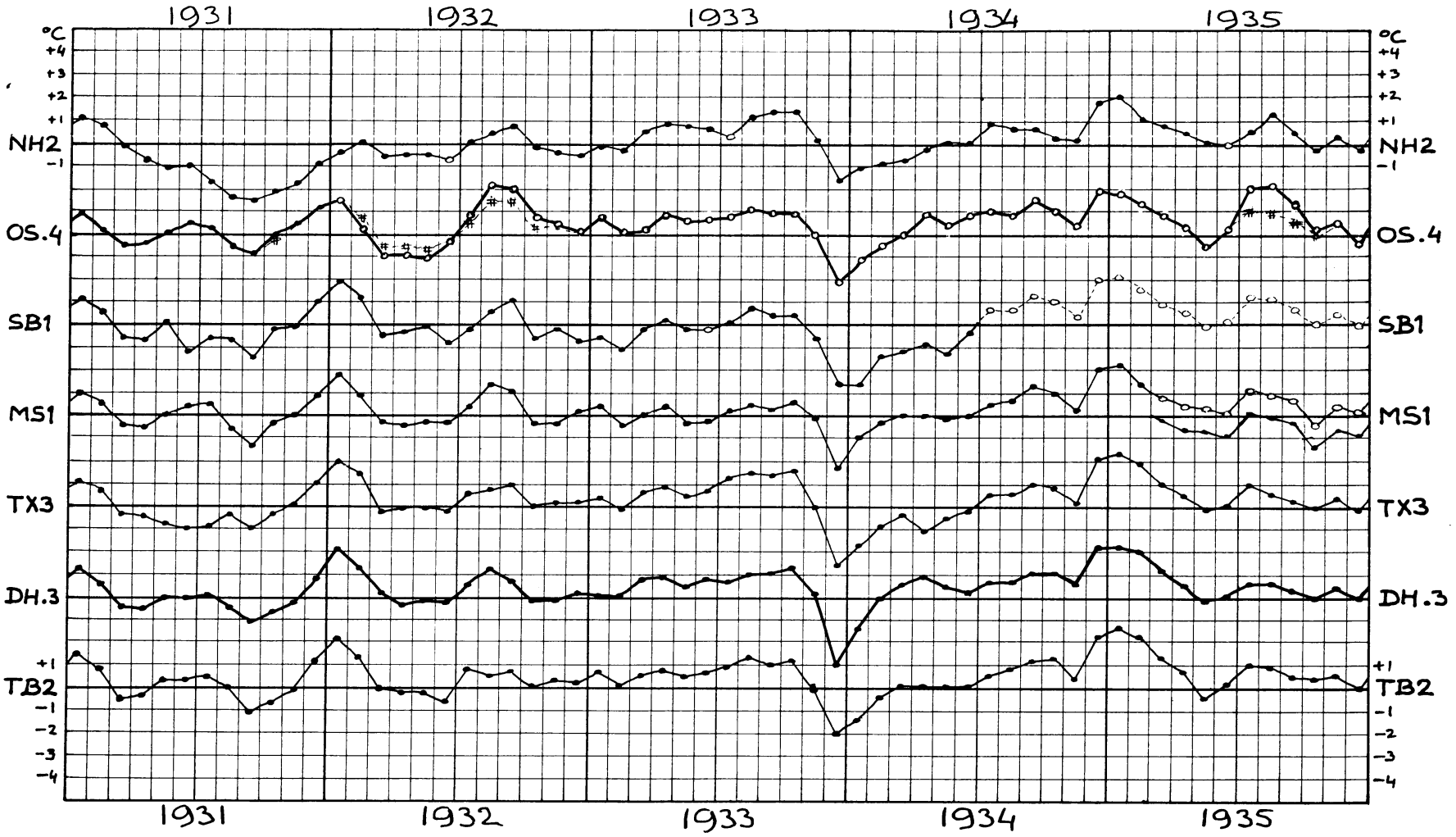
AFWIJKING VAN EIGEN 60_JAAR NORMAAL



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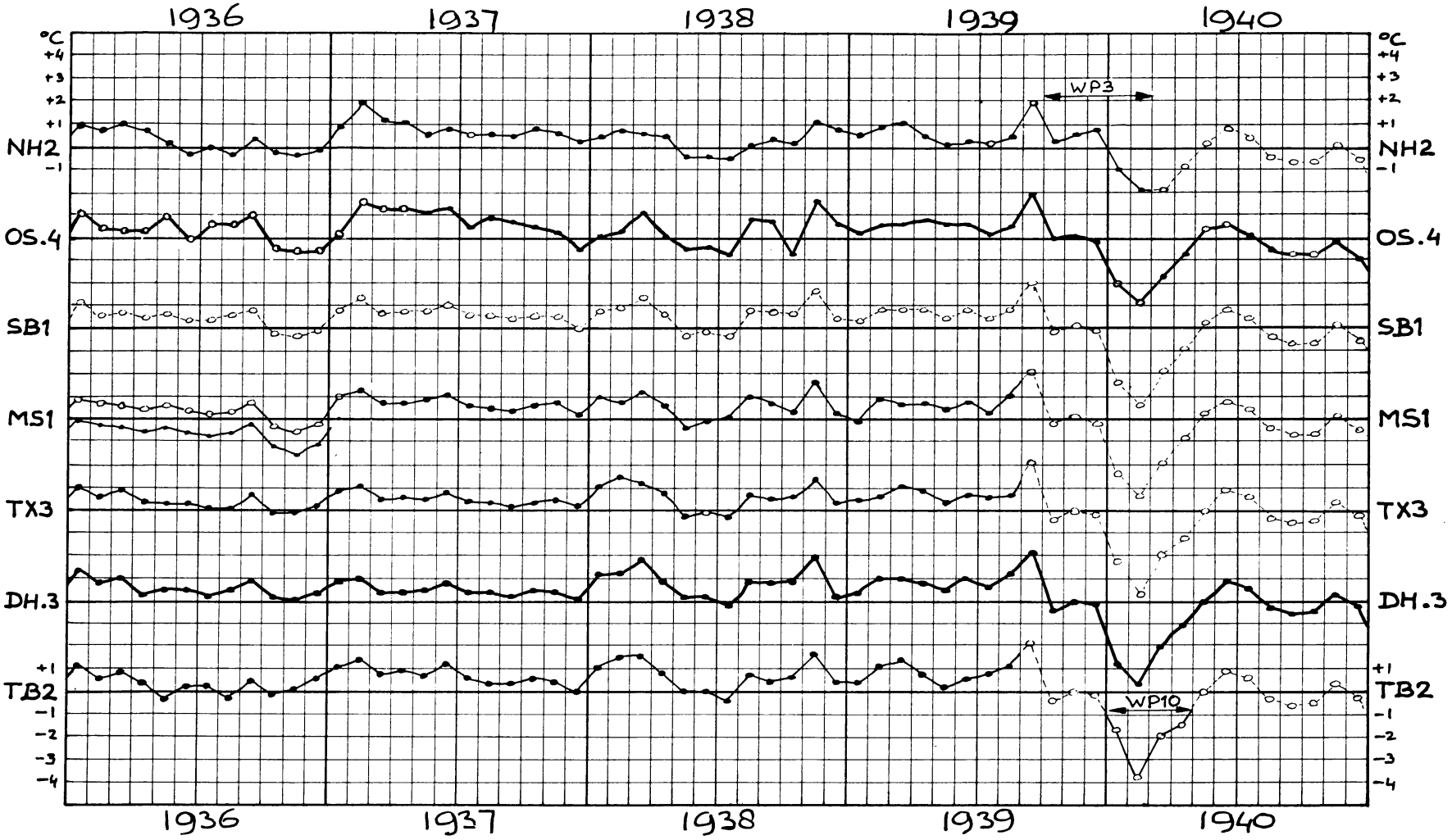

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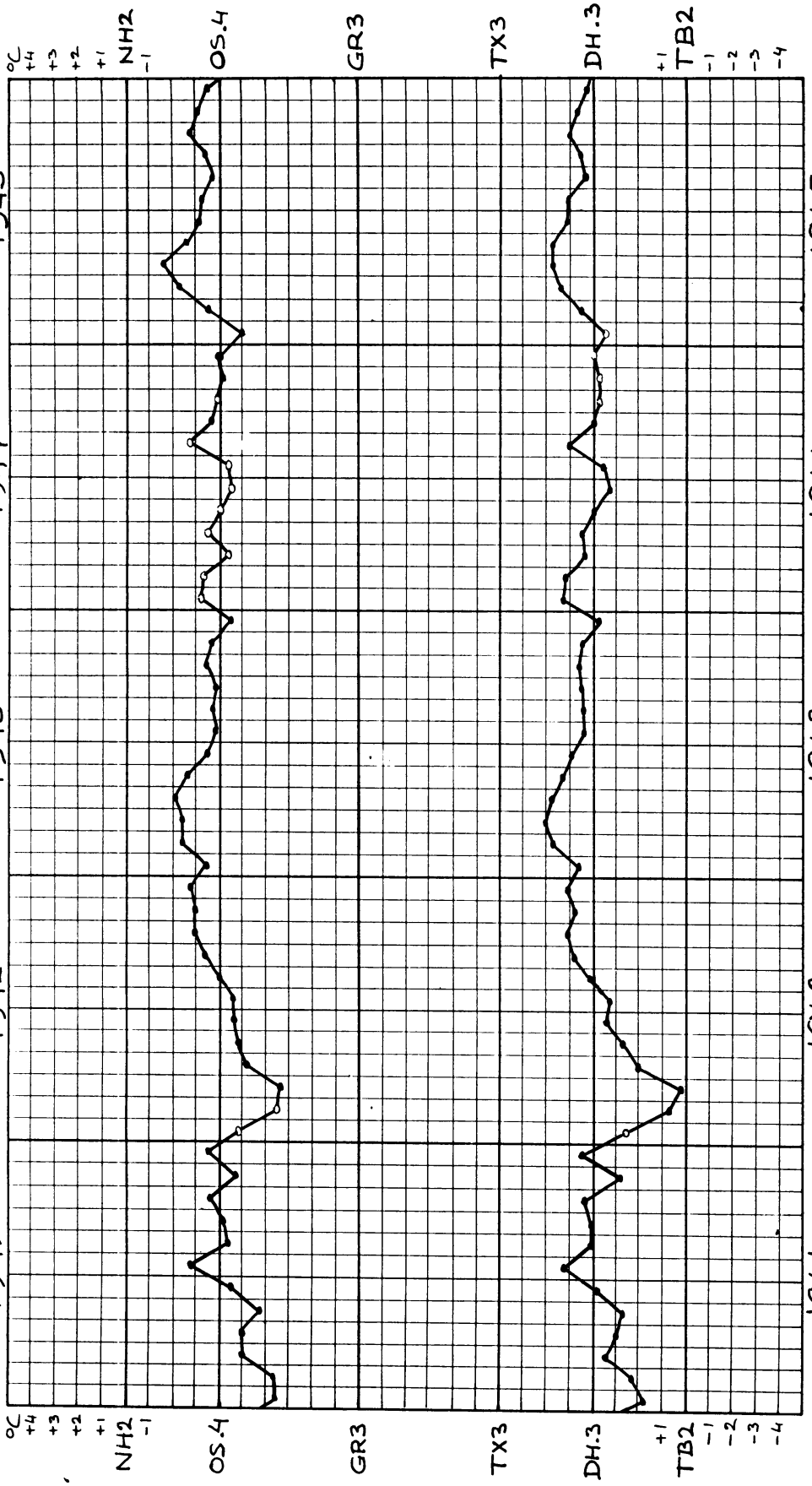

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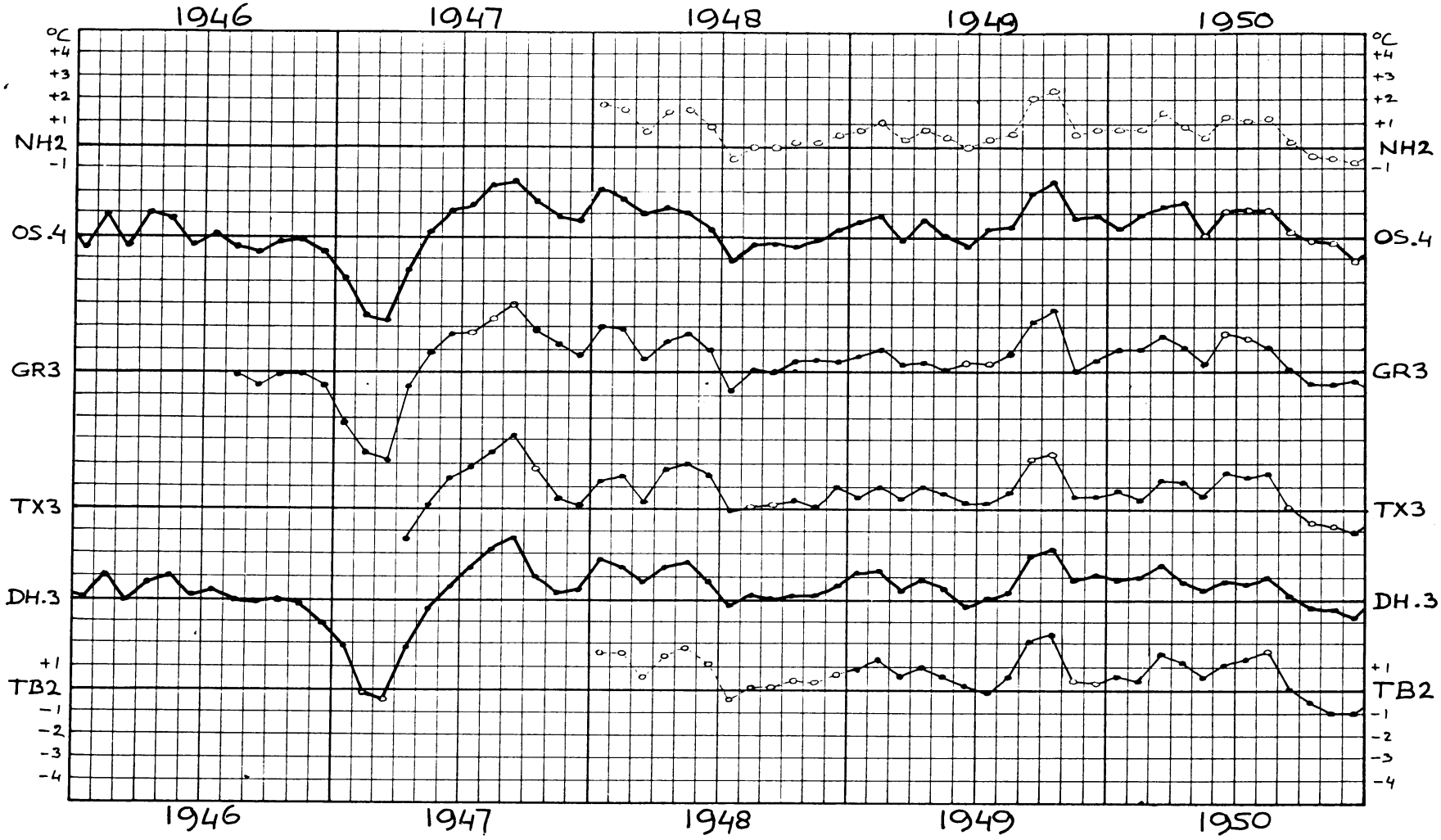

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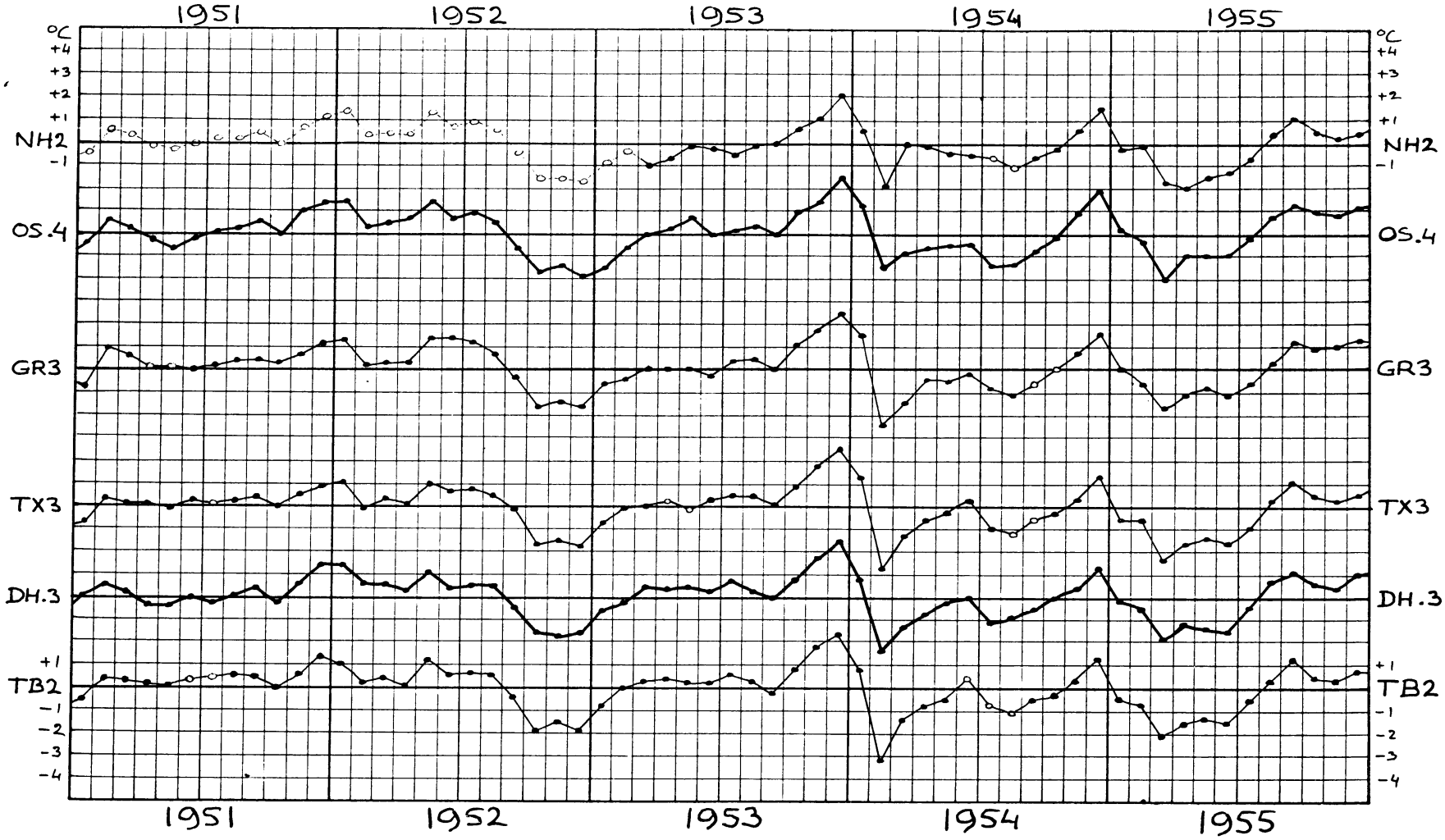

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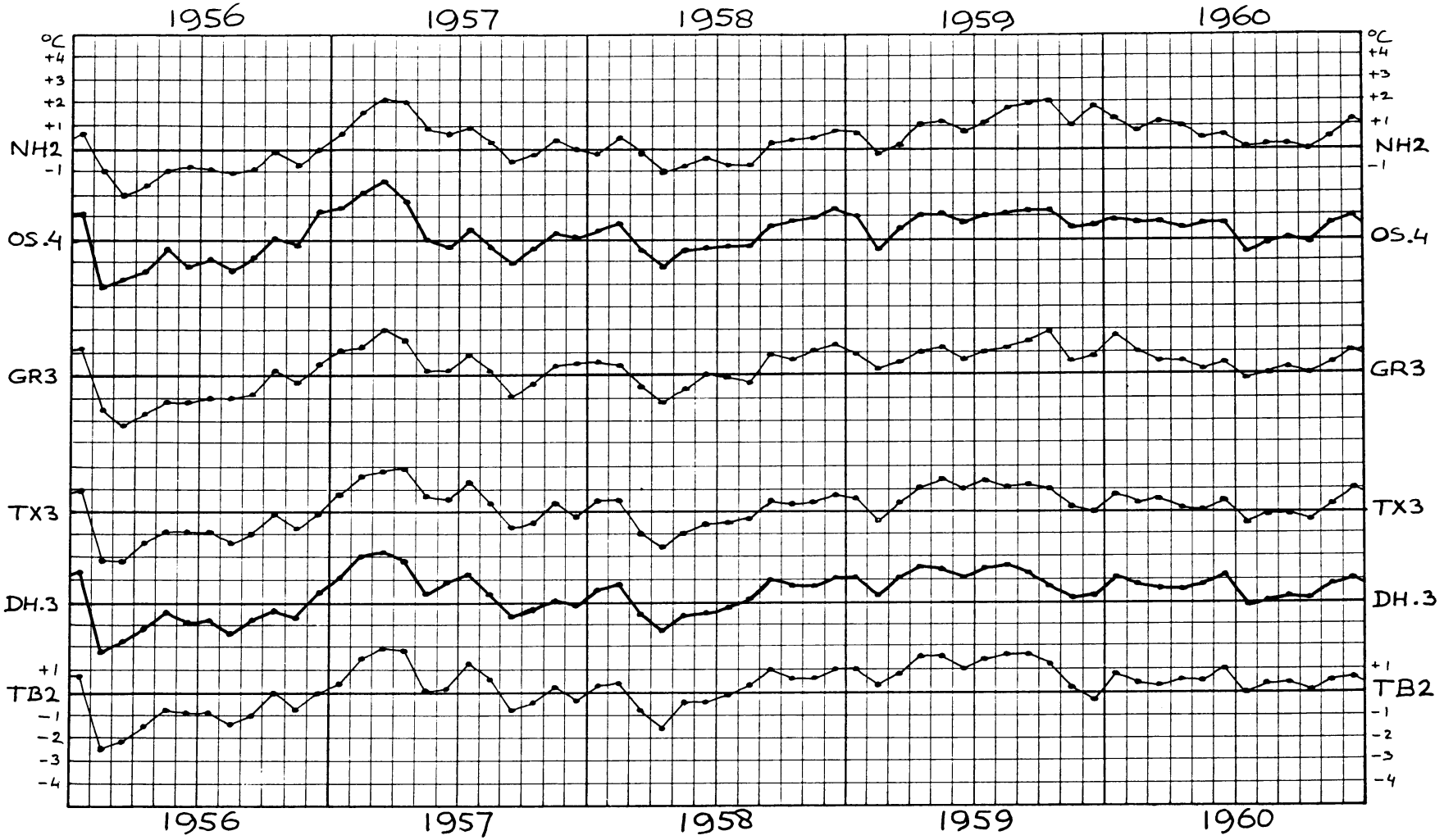
AFWIJKING VAN EIGEN 60_JAAR NORMAAL



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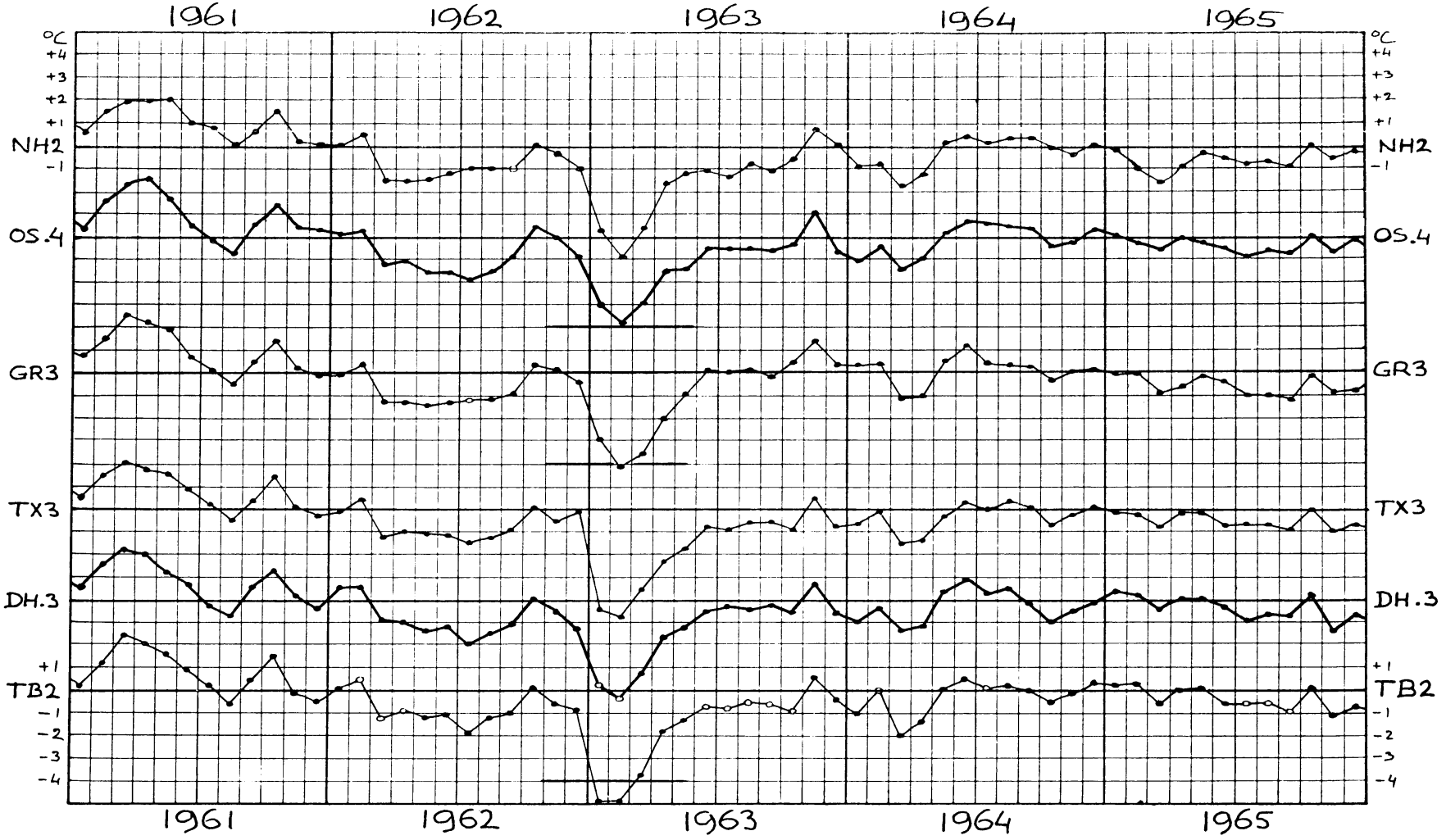

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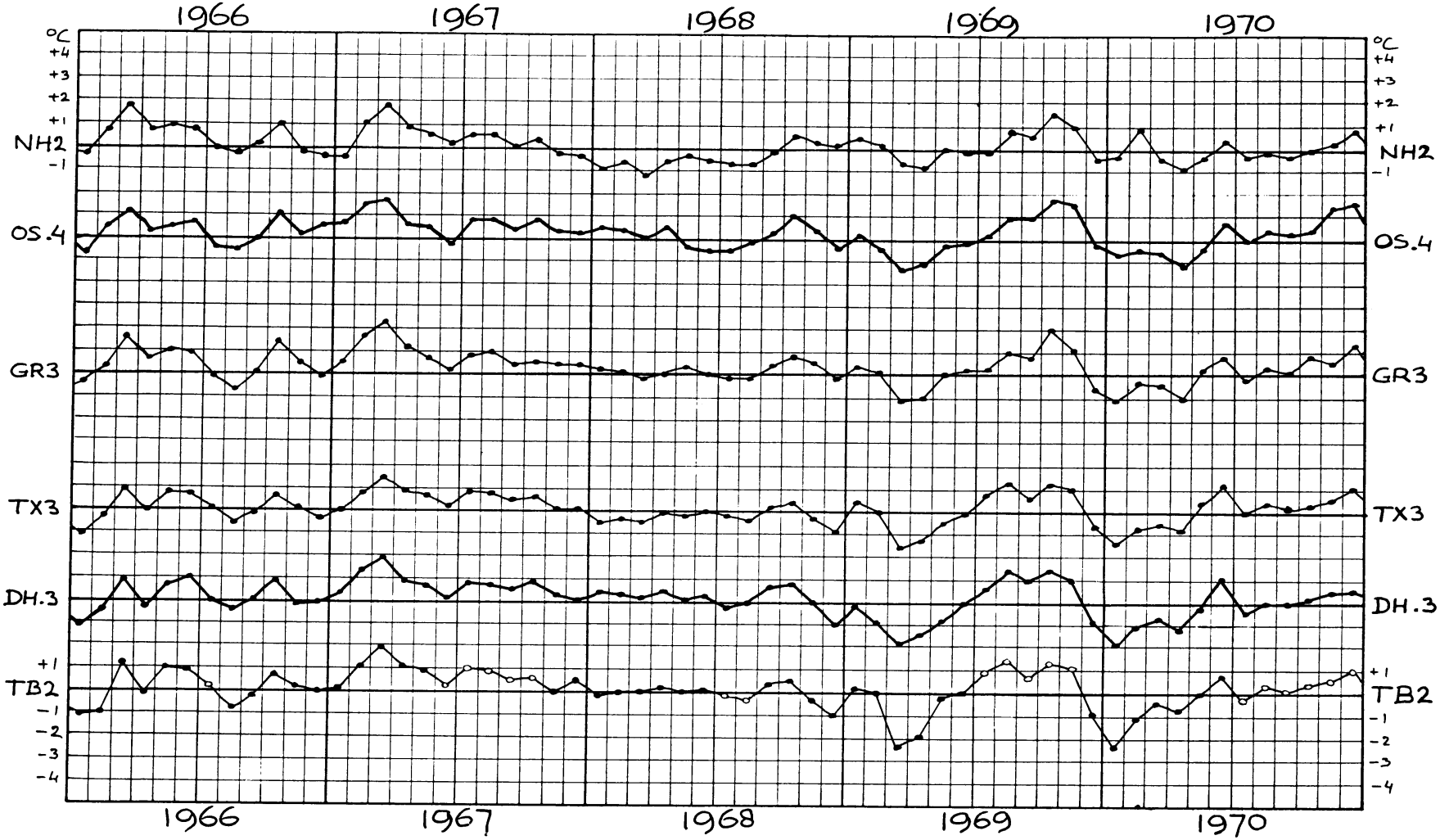
AFWIJKING VAN EIGEN 60_JAAR NORMAAL



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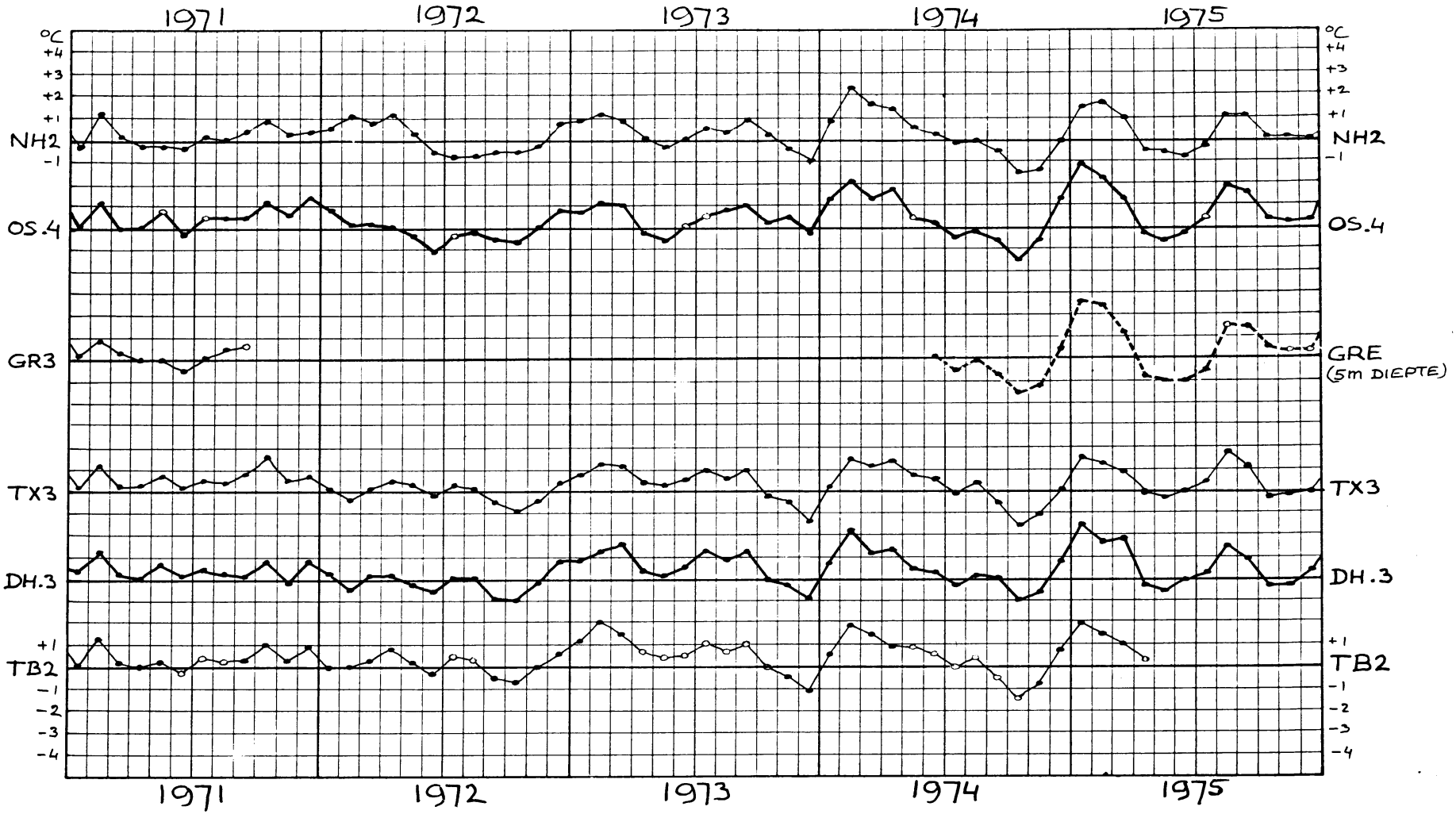
AFWIJKING VAN EIGEN 60_JAAR NORMAAL



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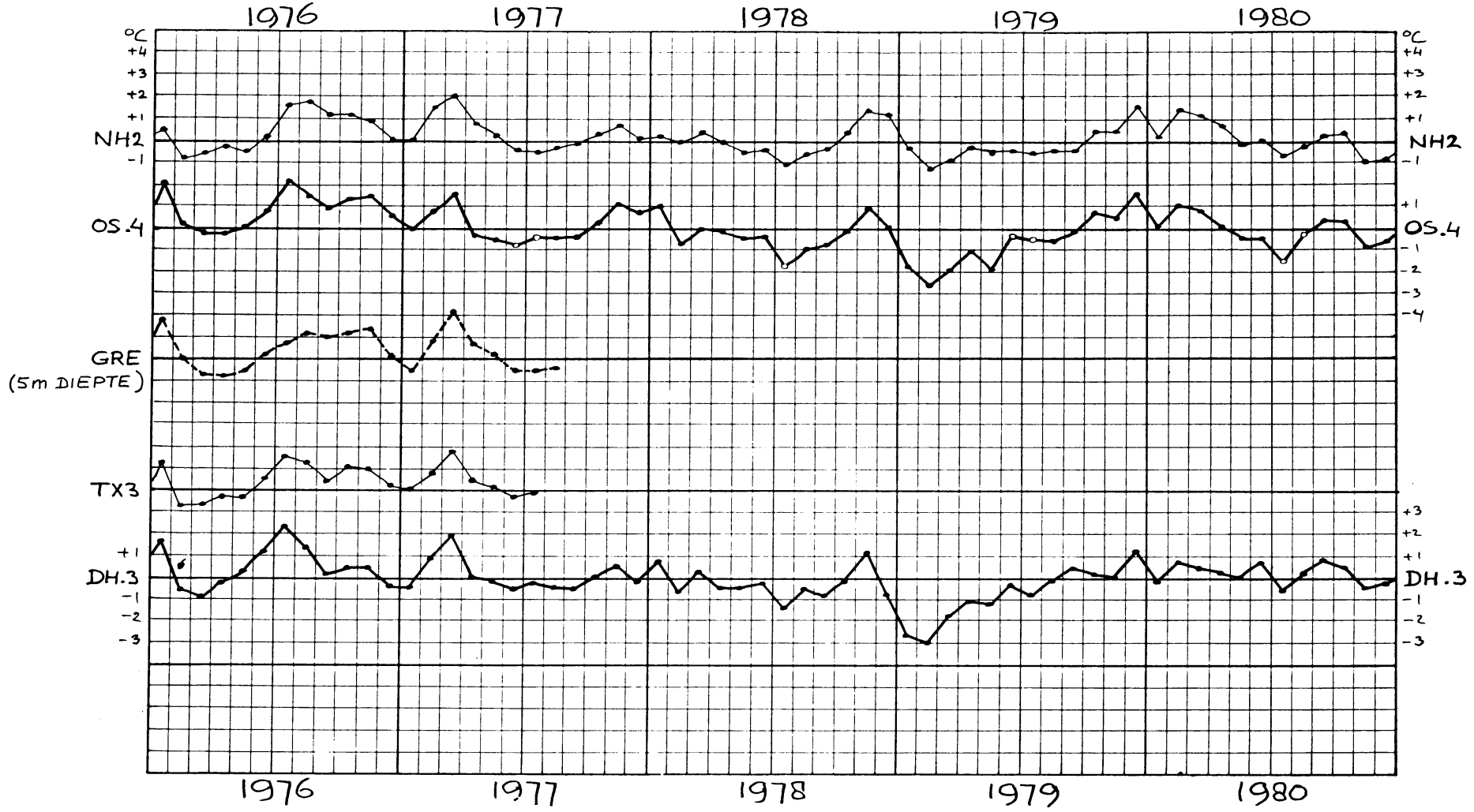
AFWIJKING VAN EIGEN 60_JAAR NORMAAL



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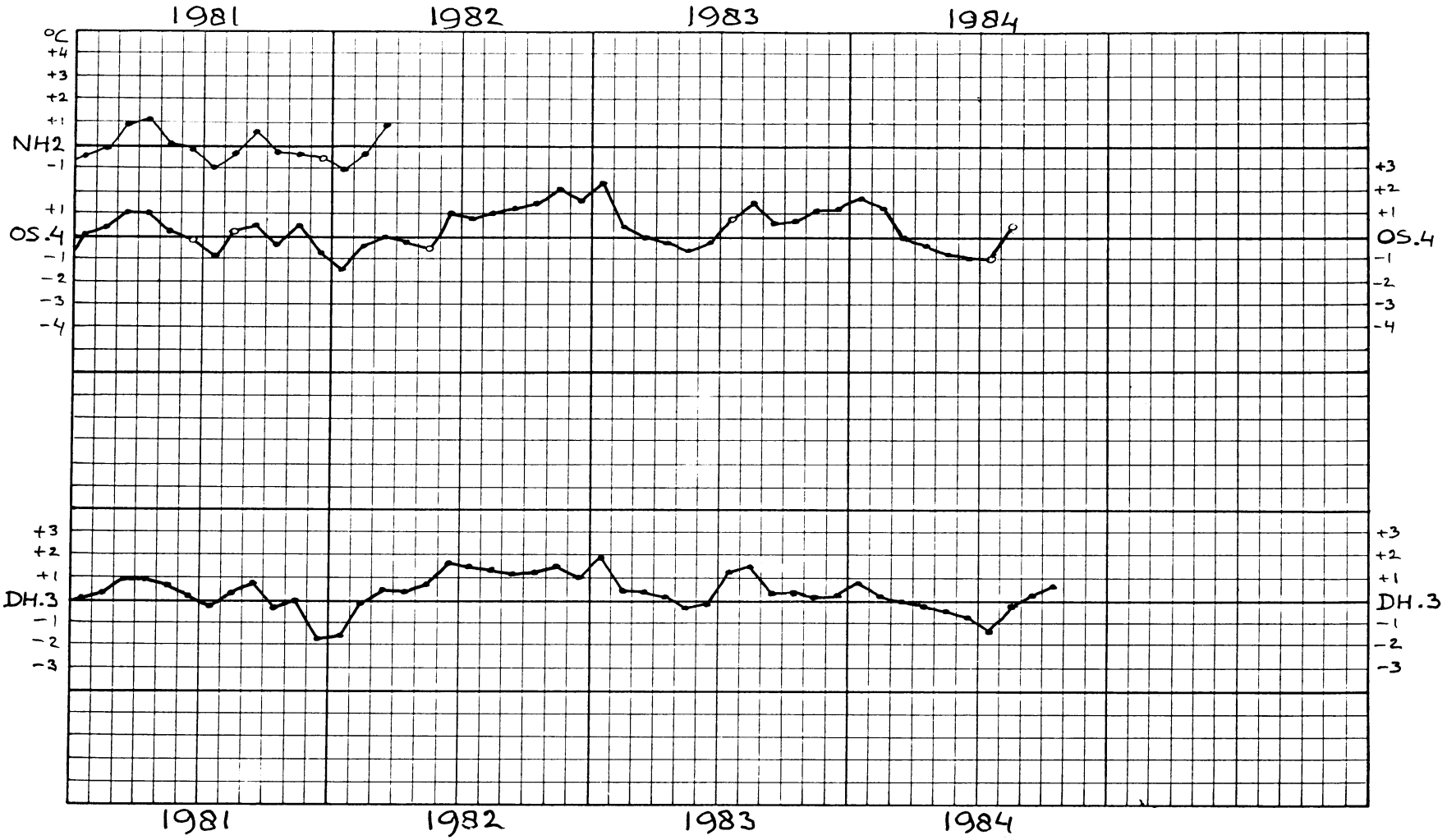
AFWIJKING VAN EIGEN 60_JAAR NORMAAL



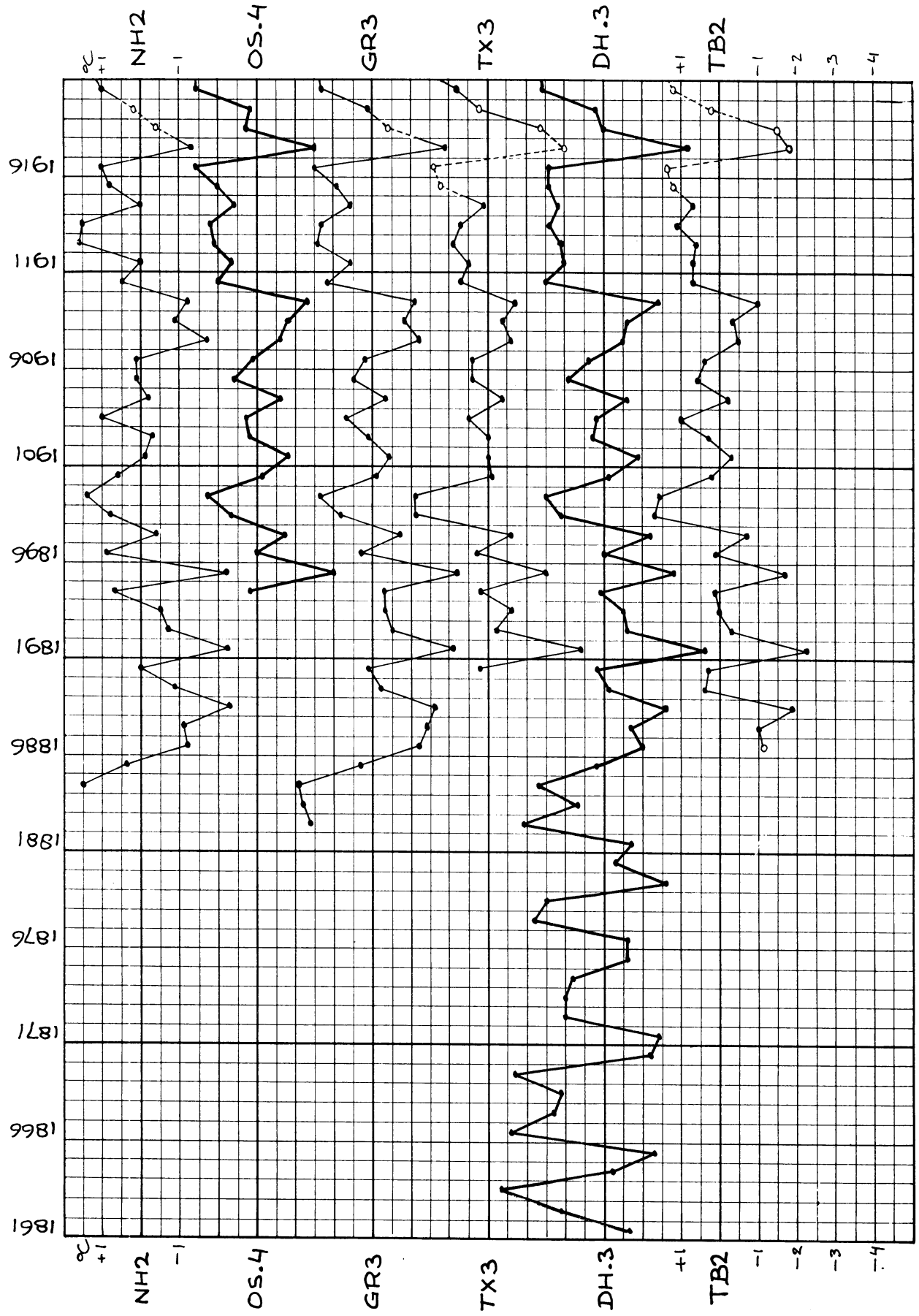
WATERTEMPERATUREN NOORDZEE

AFWIJKING VAN EIGEN 60_JAAR NORMAAL

SIMULTANE AFWIJKINGEN VAN DE EIGEN NORMAAL

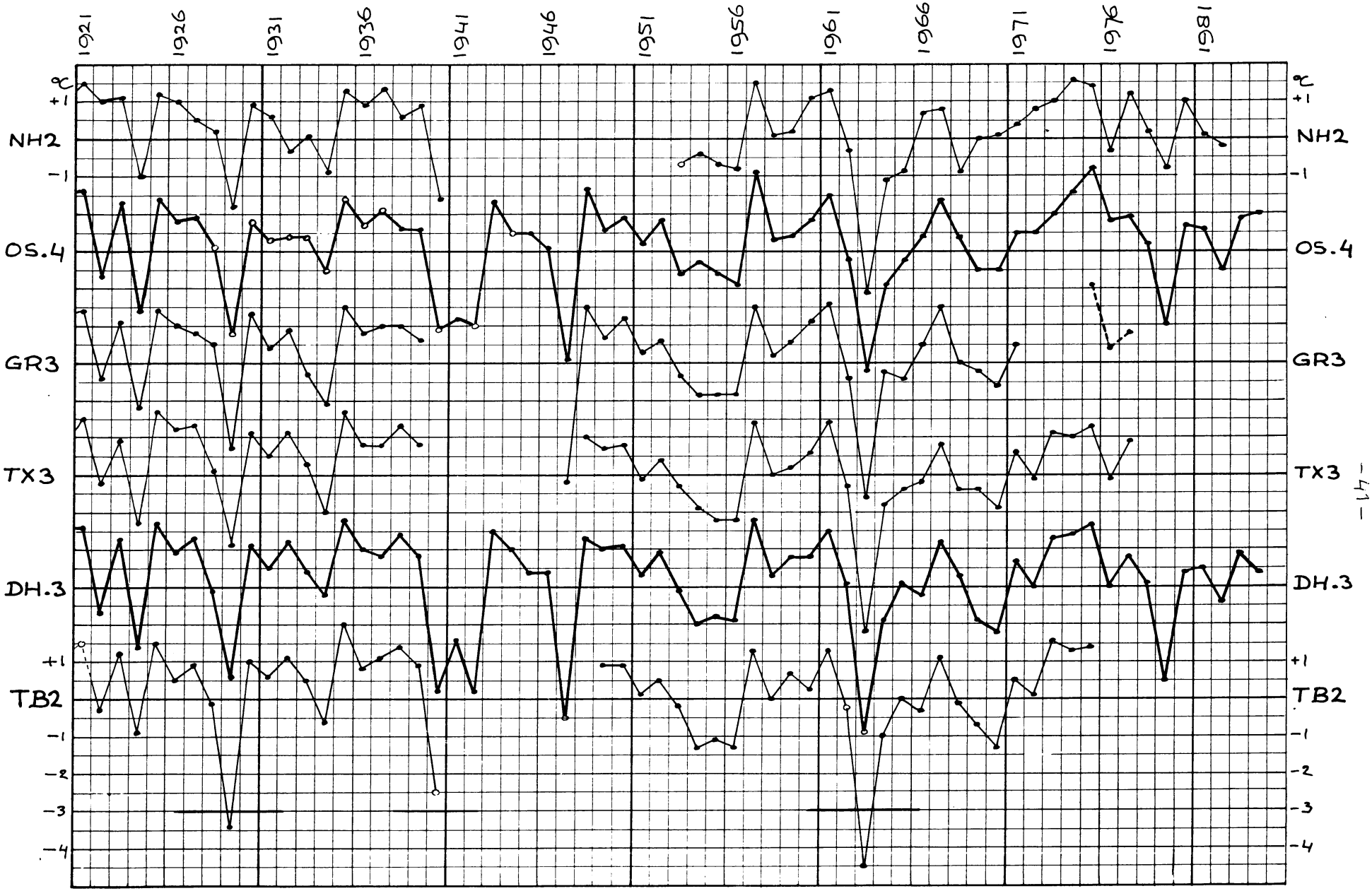
D E V I E R J A A R G E T I J D E N

BIJLAGE 3



WATERTEMPERATUREN JAN-FEB-MRT

AFWIJKING VAN EIGEN 60-JAAR NORMAAL



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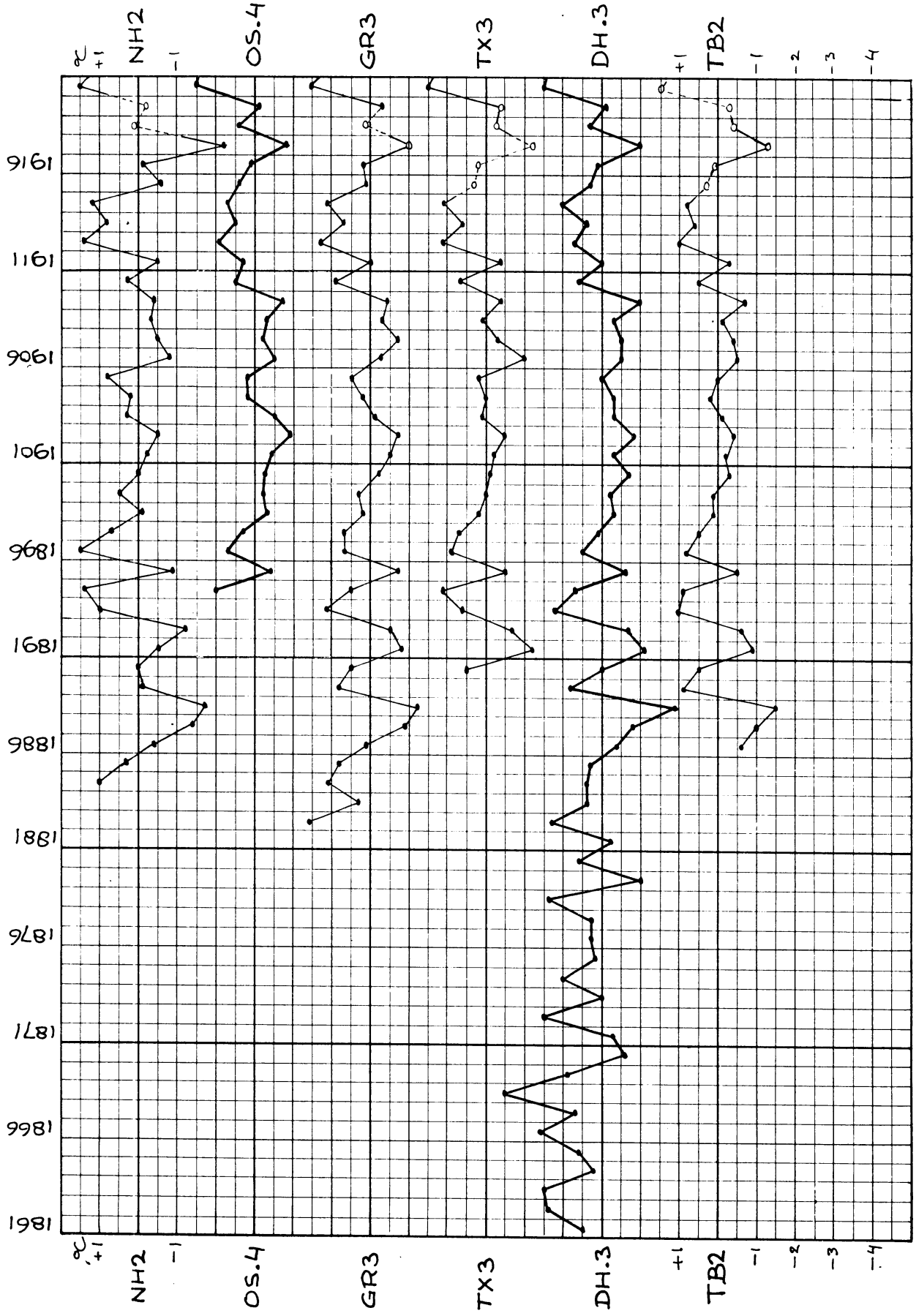
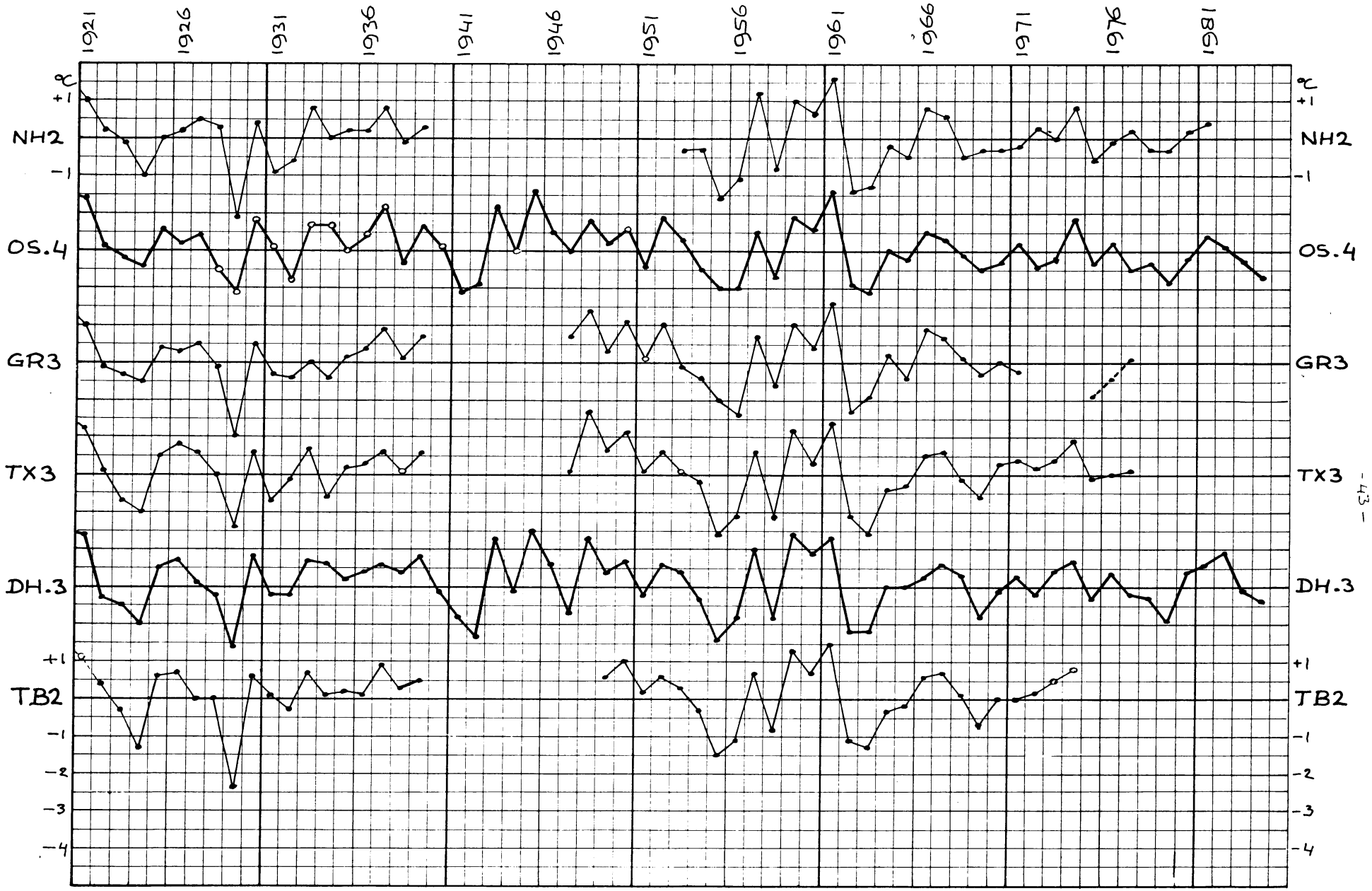
AFWIJKING VAN EIGEN 60-JAAR NORMAAL



WATERTEMPERATUREN APR-MEI-JUN

AFWIJKING VAN EIGEN 60-JAAR NORMAAL



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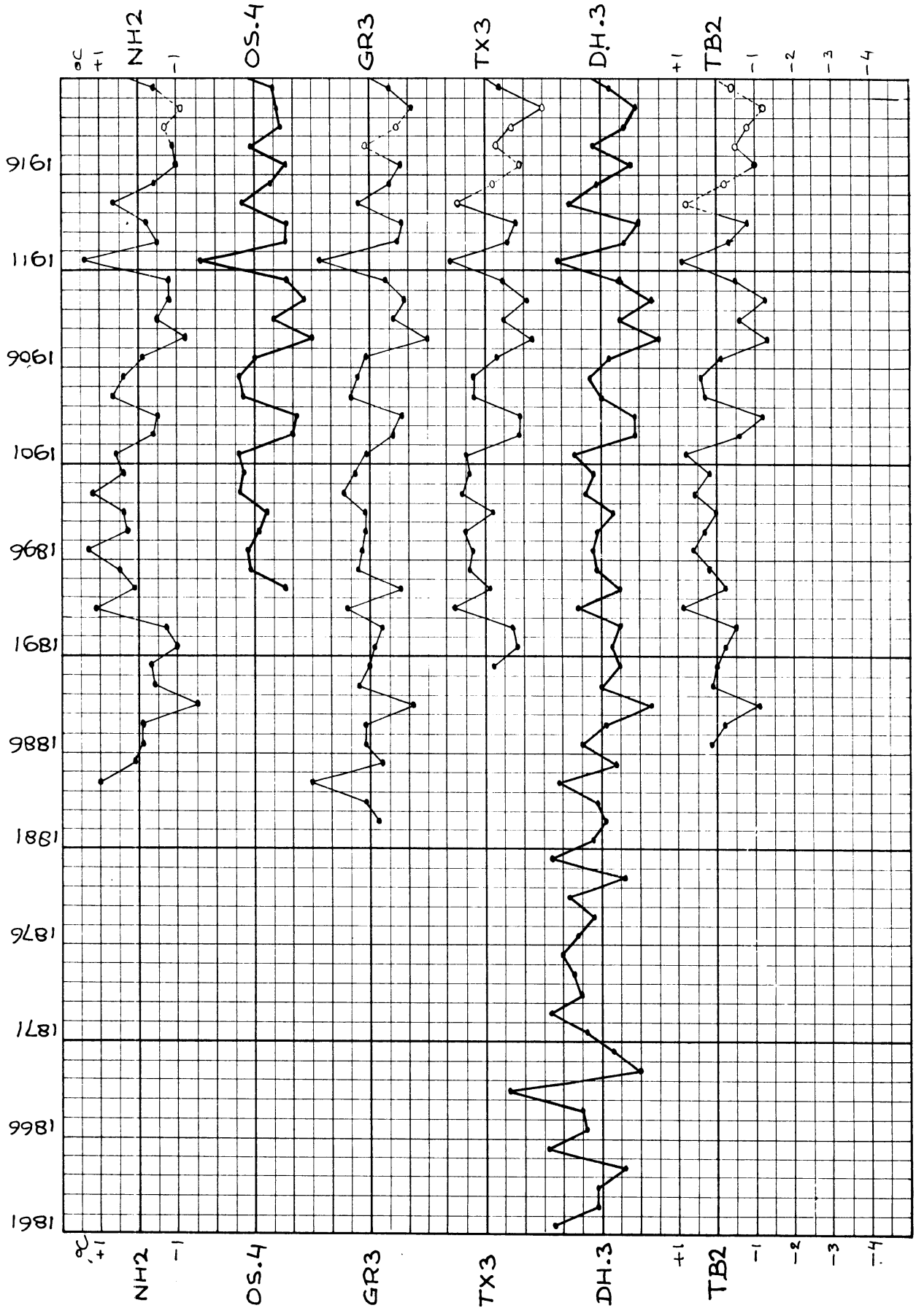
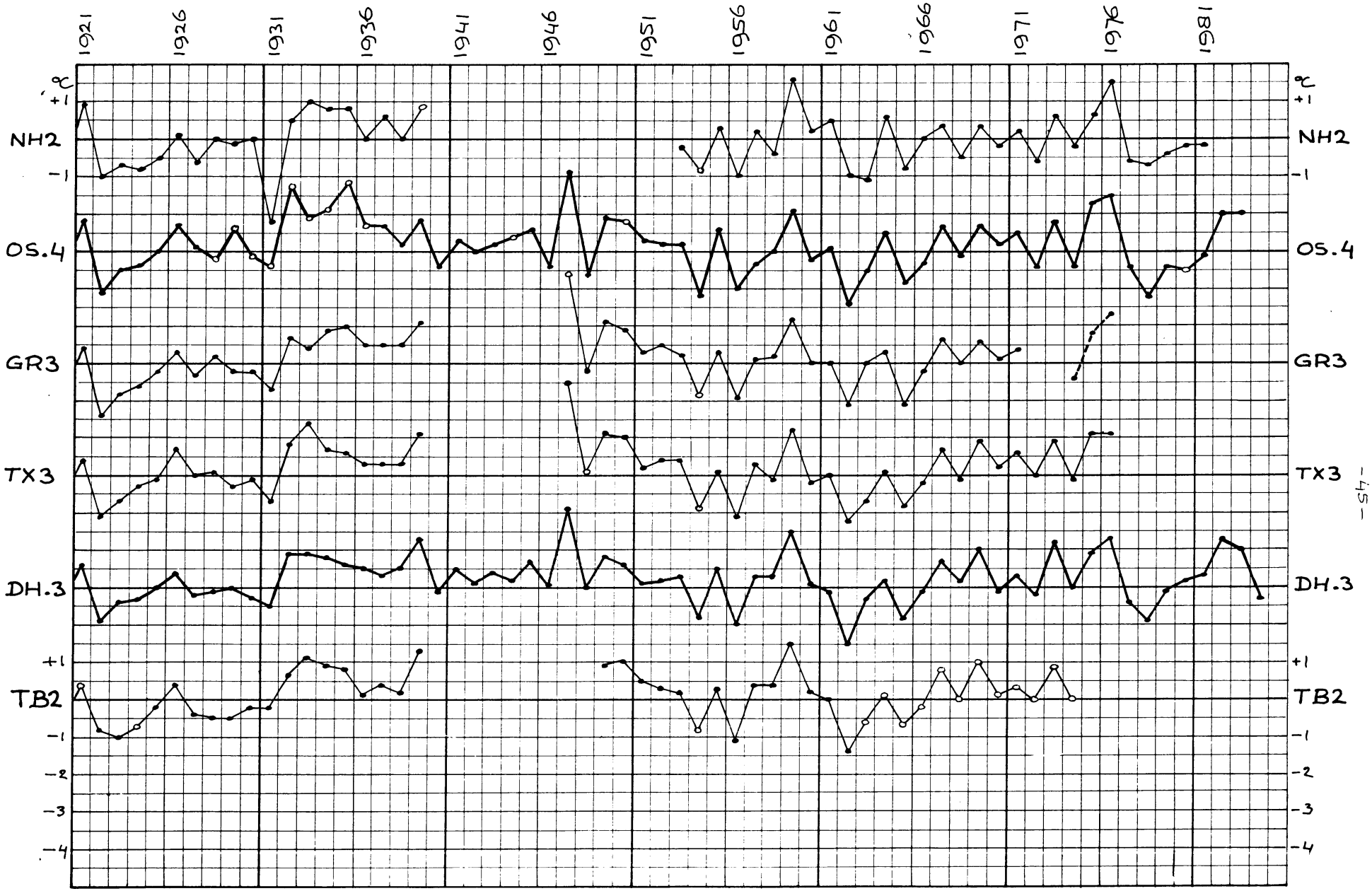


WATERTEMPERATUREN JUL-AUG-SEP

AFWIJKING VAN EIGEN 60-JAAR NORMAAL



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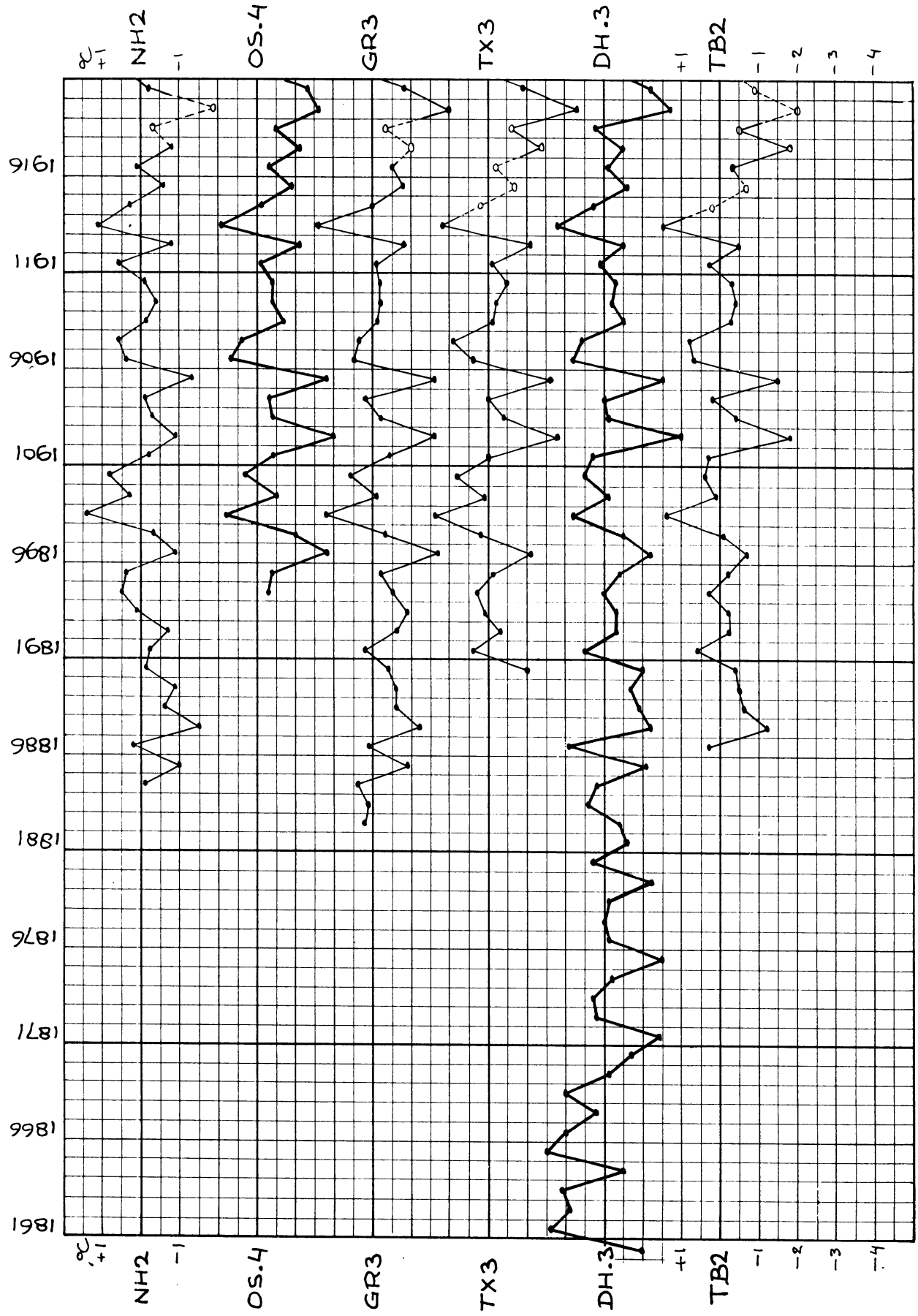
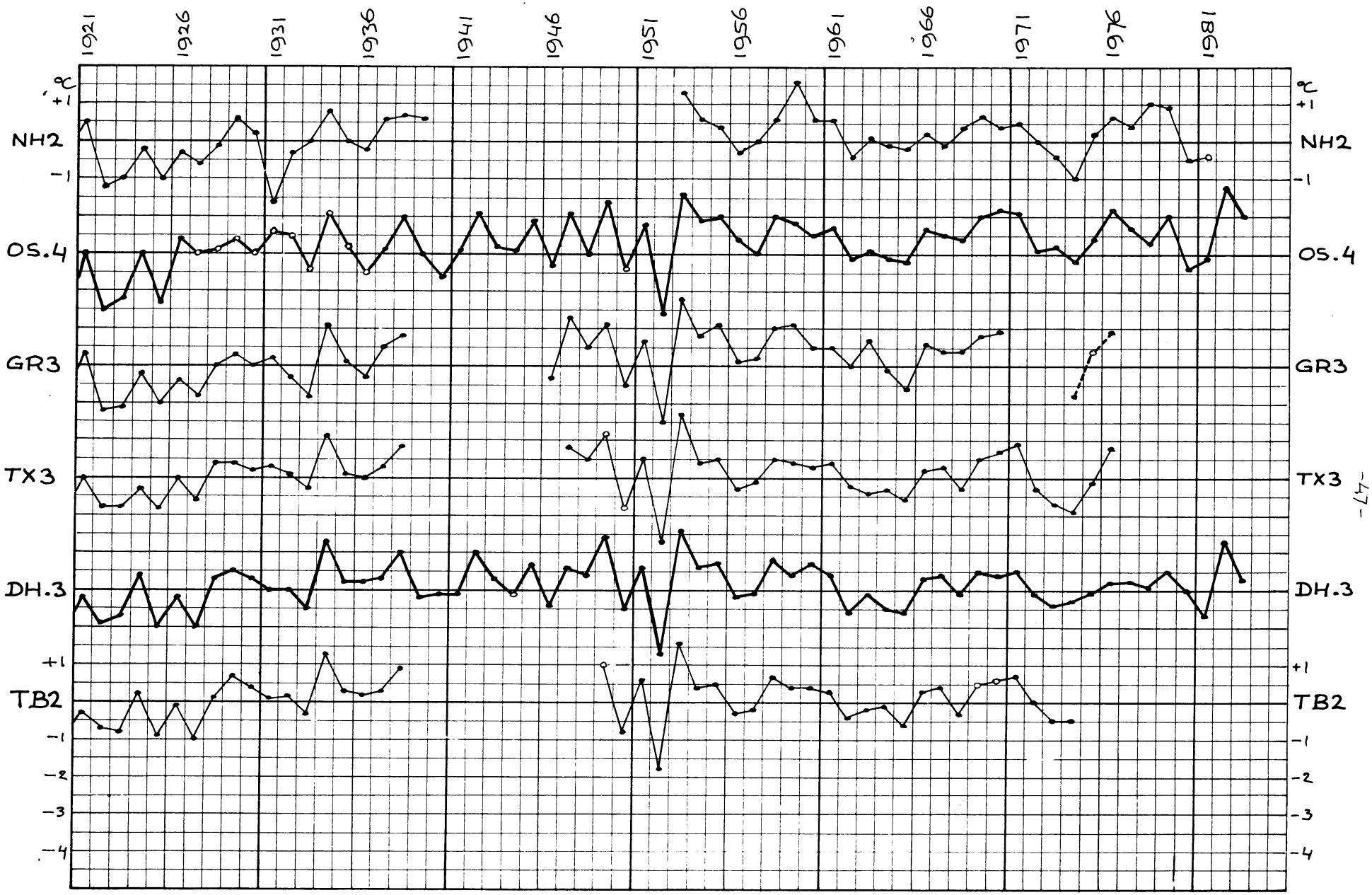


WATERTEMPERATUREN OKT-NOV-DEC

AFWIJKING VAN EIGEN 60-JAAR NORMAAL



WATERTEMPERATUREN OKT-NOV-DEC

AFWIJKING VAN EIGEN 60-JAAR NORMAAL

N O O R D H I N D E R
==========

BIJLAGE 4

WATERTEMP. (GR.C): NOORDHINDER (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	7.7	8.3	8.2	9.0	10.7	13.5	16.3	18.3	17.2	14.9	11.7	9.1	12.1
1885	6.3	7.3	7.2	7.8	10.2	13.1	16.1	17.1	16.1	13.5	10.7	8.6	11.2
1886	6.6	5.1	4.3	7.0	9.6	12.6	15.2	16.3	17.1	15.1	12.4	9.0	10.9
1887	6.5	5.3	4.7	5.6	8.3	12.1	15.6	17.2	15.8	13.1	10.2	8.2	10.2
1888	5.9	4.6	3.6	4.9	8.4	11.8	13.7	15.1	15.5	13.2	11.2	9.8	9.7
1889	7.4	5.3	4.4	6.2	9.9	13.8	15.8	16.1	15.9	13.5	11.5	8.1	10.7
1890	7.5	6.5	5.6	6.8	10.1	13.3	14.8	16.5	16.7	15.5	12.4	7.6	11.1
1891	4.3	4.1	4.7	6.5	9.7	12.7	14.8	15.4	15.7	14.4	11.3	9.5	10.3
1892	7.1	5.7	4.7	5.7	8.7	12.4	14.8	16.0	15.9	13.3	11.8	8.6	10.4
1893	5.8	5.2	7.1	8.4	11.3	13.6	16.6	17.8	17.7	15.5	11.7	9.0	11.6
1894	6.6	7.4	7.7	9.6	11.6	13.3	16.2	16.8	16.3	14.5	13.0	9.9	11.9
1895	6.7	3.1	3.4	5.8	9.1	12.6	15.8	16.9	17.7	15.4	12.6	9.1	10.7
1896	7.7	6.9	7.9	9.1	11.2	14.5	17.2	18.2	17.4	14.4	11.0	7.7	11.9
1897	6.1	5.1	7.2	8.5	10.4	13.4	16.1	17.6	16.1	14.2	11.7	9.1	11.3
1898	8.7	7.3	6.1	7.3	10.1	12.7	15.1	17.0	17.9	15.7	13.4	10.9	11.9
1899	8.8	7.8	7.2	8.1	10.4	13.3	16.3	18.6	17.7	14.5	12.8	9.4	12.1
1900	8.4	6.7	6.5	7.4	10.1	12.8	15.9	17.0	17.1	15.2	12.5	10.7	11.7
1901	8.1	5.9	5.4	6.9	9.7	13.0	16.3	17.7	16.8	14.9	11.7	8.7	11.3
1902	8.1	5.6	5.7	7.5	9.2	12.0	15.3	16.2	16.3	13.9	11.4	8.0	10.7
1903	7.3	7.4	7.9	8.3	9.9	12.6	15.2	16.2	15.9	14.6	12.0	8.5	11.4
1904	6.4	6.6	6.0	7.7	10.3	13.0	16.4	17.9	16.6	14.2	11.8	9.5	11.4
1905	7.0	5.8	7.1	8.6	10.5	13.5	16.6	17.3	16.2	12.9	10.5	8.6	11.2
1906	7.8	6.3	6.0	6.6	9.2	12.0	15.1	16.7	16.8	15.3	12.7	9.0	11.1
1907	6.0	4.2	4.5	6.9	9.9	12.1	13.9	15.4	15.9	14.9	12.6	10.1	10.5
1908	6.0	5.3	5.7	7.1	9.5	12.8	15.4	16.6	15.5	15.0	11.5	9.0	10.8
1909	7.0	4.8	4.2	6.9	9.7	12.6	14.4	16.1	16.0	15.1	11.5	8.0	10.5
1910	7.2	6.7	7.3	7.6	10.1	13.2	14.6	16.1	15.9	14.7	11.3	9.5	11.2
1911	7.3	6.0	6.3	6.2	9.5	13.2	15.7	18.6	18.7	15.3	12.3	10.0	11.6
1912	8.7	7.3	8.5	9.2	11.3	13.9	16.5	16.2	14.7	13.0	11.0	9.4	11.6
1913	8.6	8.0	7.5	8.4	10.9	13.3	15.0	16.3	16.9	15.4	13.3	10.4	12.0
1914	6.2	5.9	7.6	9.2	11.3	13.5	16.4	17.4	17.3	14.7	12.0	10.0	11.8
1915	8.2	7.1	6.8	7.3	9.1	12.0	14.9	16.4	16.4	14.5	11.0	8.7	11.0
1916	8.8	7.5	6.4	7.5	10.2	12.2*	14.0	15.9	16.1	14.8	12.1	9.2	11.2
1917	7.1	4.7	3.9	4.3	7.6	11.3	14.1	16.2	15.8	13.9	11.2	8.3*	9.9
1918	5.8H	6.3H	6.3H	7.4H	10.4H	12.9H	14.9H	16.4H	15.6H	13.5H	11.4H	10.0H	10.9H
1919	8.3H	5.7H	6.2H	6.3H	10.0H	12.8H	13.7H	15.7H	16.3H	13.3H	9.1H	7.7H	10.5H
1920	7.5H	7.6	7.7	9.6	11.3	13.9	15.8	16.1	15.9	15.0	11.7	8.5	11.7
1921	8.9	7.7	7.6	8.7	10.9	13.6	16.5	17.7	17.4	16.7*	12.1	8.6	12.2
1922	6.8	7.5	8.3	7.4	9.9	13.6	14.6	15.7	15.6	13.6	10.2	8.4	11.0
1923	7.6	7.4	8.1	8.7	10.2	11.1*	14.8	16.5	15.4.	14.0	11.0	7.9	11.1
1924	6.1	5.8	4.7	5.3	9.5	12.5	15.1.	15.9	15.4	14.1	11.7	9.6	10.5
1925	8.6	7.8	7.0	7.3	9.9	13.1	15.6*	16.4	15.4	14.0	11.4	7.5	11.2
1926	7.1	7.7	7.8	8.3	10.1	12.5	15.4	16.7	17.1	14.7	11.5	8.9	11.5
1927	6.9.	6.5	7.7	8.7	10.4*	12.6	14.8	16.3	15.9	14.1	11.8	8.2	11.2
1928	5.9	7.3	7.2	8.5	9.9	12.7	15.6	17.0	16.3	13.6	12.2	9.8	11.3
1929	6.5	4.4	3.3	4.6	7.7*	11.8	14.9	16.4	17.3	15.2	11.9	10.5	10.4
1930	9.0	7.1	6.2	7.7	10.2	13.7*	15.9.	16.4	16.7	14.8	11.9	9.9	11.6
1931	8.4	7.0	6.1	6.3	8.8	11.9.	13.8	14.5	14.1	12.6	10.2	8.3	10.2
1932	7.0	6.3	5.6	7.0	9.4	12.1*	15.6	17.3	17.4	14.6	11.7	8.7	11.1
1933	7.2	5.9	6.8	8.4	10.7	13.6	15.8*	18.0	18.0	16.1	12.2	7.6	11.7
1934	6.2	5.3	5.4	7.3	10.0	13.0	16.4	17.5	17.3	15.0	12.2	11.0	11.4
1935	9.3	7.3	7.0	8.0	10.0	12.9*	16.1	18.1	17.1	14.5	12.3	9.0	11.8
1936	8.2	6.9	7.2	8.2	10.1	12.6.	15.5	16.5	17.0	14.5	11.7	9.1	11.5
1937	8.2	8.1	7.4	8.6	10.5	13.7	16.1*	17.4	17.1	15.5	12.6	9.5	12.1
1938	7.8	6.9	6.8	8.0	9.5	12.5	15.0	16.9	17.0	14.9	13.1	10.0	11.5
1939	7.9	7.1	7.3	8.0	10.1	13.2.	15.7*	17.3	18.5*	15.0	12.6	10.0	11.9.
1940	6.3	4.3	4.3H	6.6H	10.1H	13.7H	15.9H	16.4H	15.9H	14.0H	12.1H	8.6H	10.7*

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	9.1H	7.8H	6.9H	8.9H	11.5H	13.8H	14.9H	16.8H	16.6H	14.9H	12.2H	9.8H	11.9H
1949	8.1H	7.3H	6.5H	8.3H	10.3H	12.9H	15.8H	17.4H	18.7H	17.1H	12.6H	10.0H	12.1H
1950	8.1H	7.0H	7.6H	8.4H	10.3H	14.2H	16.6H	18.0H	16.8H	14.3H	11.5H	8.4H	11.8H
1951	6.9H	6.8H	6.5H	7.4H	9.7H	12.9H	15.7H	17.0H	17.1H	14.7H	12.7H	10.4H	11.5H
1952	8.6H	6.5H	6.6H	7.9H	11.2H	13.7H	16.4H	17.4H	16.2H	13.1H	10.4H	7.5H	11.3H
1953	6.4H	5.9H	5.2	6.8	9.8	12.7	15.0	16.7	16.6	15.4	13.1	11.2	11.2.
1954	7.9	4.3	6.2	7.4	9.5	12.4	14.8*	15.7*	15.9	14.5	12.6	10.7	11.0.
1955	7.1	6.1	4.4	5.5	8.4	11.6	14.8	17.2	17.7	15.2	12.2	9.6	10.8
1956	8.0	5.2	4.2	5.9	8.9	12.1	14.6	15.7	15.7	14.6	11.3	9.2	10.5
1957	8.0	7.8	8.3	9.5	10.8	13.6	16.4	17.1	16.0	14.4	12.4	9.2	12.0
1958	7.1	6.7	6.1	6.4	9.1	12.5	14.8	16.1	16.9	15.1	12.5	10.0	11.1
1959	8.0	6.0	6.4	8.6	11.1	13.7	16.7	18.5	18.5	16.7	13.0	11.0	12.4
1960	8.6	7.0	7.4	8.5	10.4	13.5	15.6	17.0	16.8	14.7	12.6	10.4	11.9
1961	7.9	7.7	8.1	9.4	11.9	13.9	16.3	16.9	17.3	16.2	12.2	9.3	12.3
1962	7.4	6.8	4.7	6.0	8.5	11.7	14.5	15.8	15.6*	14.8	11.7	8.2	10.5
1963	3.6.	1.3	2.0	5.9	8.7	11.8	14.2	16.0	15.5	14.2	12.8	9.3	9.7
1964	6.4	5.4	4.5.	6.2.	10.1	13.4	15.7	17.2	17.0.	14.7	11.7	9.3	11.0
1965	7.2	5.2	4.0	5.6	9.7	12.4	14.7	16.1	15.7	14.8	11.5	9.0	10.6
1966	7.0	6.9	7.9	8.2	10.8	13.6	15.5	16.6	16.8	15.7	11.9	8.9	11.7
1967	6.9	7.3	6.0	8.4	10.5	13.1	16.1	17.4.	16.7	15.0	11.8	8.9	11.7
1968	6.4	5.6	5.0	6.9	9.6	12.4	14.8	16.1	16.5	15.3	12.3	9.4	10.9
1969	7.8	6.4	5.5	6.7	9.9	12.8	15.4	17.6	17.2	16.2	13.0	8.8	11.4
1970	7.0	7.1	5.8	6.6	9.0	13.3	15.2	16.7	16.3	14.7	12.3	10.0	11.2
1971	7.1	7.4	6.4	7.3	9.7	12.6	15.7	16.9	17.0	15.6	12.3	9.6	11.5
1972	7.9	7.3	7.0	8.7	10.2	12.4	14.8	16.1	16.1	14.2	11.7	9.9	11.4
1973	8.2	7.4	7.1	7.6	9.6	13.0	16.1	17.2	17.5	15.0	11.6	8.2	11.5
1974	8.2	8.6	7.8	8.9	10.5	13.2	15.4	16.8	16.1.	13.2	10.6	9.2	11.5
1975	8.8	7.9	7.2	7.0	9.3	12.1	15.3	17.9	17.7	14.9	12.2	9.3	11.6
1976	7.8	5.4	5.6	7.3	9.5	13.1	17.1	18.5	17.8	15.9	12.9	9.3	11.7
1977	7.4	7.7	8.2	8.3	10.2	12.5	15.0	16.5	16.5	15.0	12.7	9.4	11.6
1978	7.6	6.2	6.6	7.5	9.4	12.5	14.4	16.2	16.3	15.1	13.4	10.4	11.3
1979	7.0	4.9	5.3	7.3	9.5	12.5	15.0	16.4	16.2	15.2	12.5	10.8	11.1
1980	7.6	7.6	7.4	8.2	9.8	13.0	14.8	16.6	16.9	15.1	11.0	8.3	11.4
1981	6.8	6.1	7.1	8.6	10.0	12.8	14.5	16.5	17.2	14.5.	11.7.	8.6*	11.2.
1982	6.2	5.9	7.1.	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (GR.C): NOORDHINDER (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	7.0	5.9	6.2	7.6	10.3	13.1	15.9	17.1	17.0	14.7	12.2	9.4	11.4
1901-1910	7.1	5.8	6.0	7.5	9.8	12.7	15.3	16.6	16.2	14.5	11.7	8.9	11.0
1911-1920	7.7.	6.6.	6.7.	7.6.	10.2.	12.9.	15.1.	16.5.	16.4.	14.3.	11.5.	9.2.	11.2.
1921-1930	7.3	6.9	6.8	7.5	9.9.	12.7.	15.3.	16.5	16.3	14.5	11.6	8.9	11.2
1931-1940	7.7	6.5	6.4	7.7	9.9	12.9*	15.6*	17.0	16.9.	14.7	12.1	9.2	11.4.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	7.7.	6.2.	6.1.	7.4.	9.9.	12.9.	15.5.	16.8.	16.7.	14.8.	12.3.	9.9.	11.4.
1961-1970	6.8	6.0	5.7	7.1	9.9	12.8	15.2	16.6	16.5.	15.2	12.1	9.1	11.1
1971-1980	7.8	7.0	6.9	7.8	9.8	12.7	15.4	16.9	16.8	14.9	12.1	9.4	11.5
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	7.3	6.2	6.2	7.5	9.9	12.9	15.5	16.8	16.6	14.7	12.0	9.2	11.2
SIGMA	1.08	1.30	1.41	1.12	0.79	0.68	0.75	0.82	0.86	0.82	0.72	0.92	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	7.5	6.5	6.5	7.6	10.0	12.9	15.2	16.7	16.4	14.6	11.8	9.3	11.2
AANGEVULD	7.5	6.5	6.5	7.6	10.0	12.9	15.3	16.7	16.5	14.6	11.8	9.2	11.3

WATERTEMP. (GR.C): NOORDHINDER (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
GEM	7.3	6.2	6.2	7.5	9.9	12.9	15.5	16.8	16.6	14.7	12.0	9.2	
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	0.4	2.1	2.0	1.5	0.8	0.6	0.8	1.5	0.6	0.2	-0.3	-0.1	0.8
1885	-1.0	1.1	1.0	0.3	0.3	0.2	0.6	0.3	-0.5	-1.2	-1.3	-0.6	-0.1
1886	-0.7	-1.1	-1.9	-0.5	-0.3	-0.3	-0.3	-0.5	0.5	0.4	0.4	-0.2	-0.4
1887	-0.8	-0.9	-1.5	-1.9	-1.6	-0.8	0.1	0.4	-0.8	-1.6	-1.8	-1.0	-1.0
1888	-1.4	-2.2	-3.2	-2.6	-1.5	-1.1	-1.8	-1.7	-1.1	-1.5	-0.8	0.6	-1.5
1889	0.1	-0.9	-1.8	-1.3	0.0	0.9	0.3	-0.7	-0.7	-1.2	-0.5	-1.1	-0.6
1890	0.2	0.3	-0.6	-0.7	0.2	0.4	-0.7	-0.3	0.1	0.8	0.4	-1.6	-0.1
1891	-3.0	-2.1	-1.5	-1.0	-0.2	-0.2	-0.7	-1.4	-0.9	-0.3	-0.7	0.3	-1.0
1892	-0.2	-0.5	-1.5	-1.3	-1.2	-0.5	-0.7	-0.8	-0.7	-1.4	-0.2	-0.6	-0.8
1893	-1.5	-1.0	0.9	0.9	1.4	0.7	1.1	1.0	1.1	0.8	-0.3	-0.2	0.4
1894	-0.7	1.2	1.5	2.1	1.7	0.4	0.7	0.0	-0.3	-0.2	1.0	0.7	0.7
1895	-0.6	-3.1	-2.8	-1.7	-0.8	-0.3	0.3	0.1	1.1	0.7	0.6	-0.1	-0.6
1896	0.4	0.7	1.7	1.6	1.3	1.6	1.7	1.4	0.8	-0.3	-1.0	-1.5	0.7
1897	-1.2	-1.1	1.0	1.0	0.5	0.5	0.6	0.8	-0.5	-0.5	-0.3	-0.1	0.1
1898	1.4	1.1	-0.1	-0.2	0.2	-0.2	-0.4	0.2	1.3	1.0	1.4	1.7	0.6
1899	1.5	1.6	1.0	0.6	0.5	0.4	0.8	1.8	1.1	-0.2	0.8	0.2	0.8
1900	1.1	0.5	0.3	-0.1	0.2	-0.1	0.4	0.2	0.5	0.5	0.5	1.5	0.5
1901	0.8	-0.3	-0.8	-0.6	-0.2	0.1	0.8	0.9	0.2	0.2	-0.3	-0.5	0.0
1902	0.8	-1.2	-0.5	0.0	-0.7	-0.9	-0.2	-0.6	-0.3	-0.8	-0.6	-1.2	-0.5
1903	0.0	1.2	1.7	1.3	0.0	-0.3	-0.3	-0.6	-0.7	-0.1	0.0	-0.7	0.1
1904	-0.9	0.6	-0.2	0.2	0.4	0.1	0.9	1.1	0.0	-0.5	-0.2	0.3	0.2
1905	-0.3	-0.4	0.9	1.1	0.6	0.6	1.1	0.5	-0.4	-1.8	-1.5	-0.6	-0.0
1906	0.5	0.1	-0.2	-0.9	-0.7	-0.9	-0.4	-0.1	0.2	0.6	0.7	-0.2	-0.1
1907	-1.3	-2.0	-1.7	-0.6	0.0	-0.8	-1.6	-1.4	-0.7	0.2	0.6	0.9	-0.7
1908	-1.3	-0.9	-0.5	-0.4	-0.4	-0.1	-0.1	-0.2	-1.1	0.3	-0.5	-0.2	-0.4
1909	-0.3	-1.4	-2.0	-0.6	-0.2	-0.3	-1.1	-0.7	-0.6	0.4	-0.5	-1.2	-0.7
1910	-0.1	0.5	1.1	0.3	0.2	0.3	-0.9	-0.7	-0.7	0.0	-0.7	0.3	-0.0
1911	0.0	-0.2	0.1	-1.3	-0.4	0.3	0.2	1.8	2.1	0.6	0.3	0.8	0.4
1912	1.4	1.1	2.3	1.7	1.4	1.0	1.0	-0.6	-1.9	-1.7	-1.0	0.2	0.4
1913	1.3	1.8	1.3	0.9	1.0	0.4	-0.5	-0.5	0.3	0.7	1.3	1.2	0.8
1914	-1.1	-0.3	1.4	1.7	1.4	0.6	0.9	0.6	0.7	0.0	0.0	0.8	0.6
1915	0.9	0.9	0.6	-0.2	-0.8	-0.9	-0.6	-0.4	-0.2	-0.2	-1.0	-0.5	-0.2
1916	1.5	1.3	0.2	0.0	0.3	-0.7*	-1.5	-0.9	-0.5	0.1	0.1	0.0	-0.0
1917	-0.2	-1.5	-2.3	-2.7	-2.3	-1.6	-1.4	-0.6	-0.8	-0.8	-0.8	-0.9*	-1.3
1918	-1.5H	0.1H	0.1H	-0.1H	0.5H	0.0H	-0.6H	-0.4H	-1.0H	-1.2H	-0.6H	0.8H	-0.3H
1919	1.0H	-0.5H	0.0H	-0.7H	0.1H	-0.1H	-1.8H	-1.1H	-0.3H	-1.4H	-2.9H	-1.5H	-0.8H
1920	0.2H	1.4	1.5	2.1	1.4	1.0	0.3	-0.7	-0.7	0.3	-0.3	-0.7	0.5
1921	1.6	1.5	1.4	1.2	1.0	0.7	1.0	0.9	0.8	2.0*	0.1	-0.6	1.0
1922	-0.5	1.3	2.1	-0.1	0.0	0.7	-0.9	-1.1	-1.0	-1.1	-1.8	-0.8	-0.3
1923	0.3	1.2	1.9	1.2	0.3	-1.8*	-0.7	-0.3	-1.2.	-0.7	-1.0	-1.3	-0.2
1924	-1.2	-0.4	-1.5	-2.2	-0.4	-0.4	-0.4.	-0.9	-1.2	-0.6	-0.3	0.4	-0.8
1925	1.3	1.6	0.8	-0.2	0.0	0.2	0.1*	-0.4	-1.2	-0.7	-0.6	-1.7	-0.1
1926	-0.2	1.5	1.6	0.8	0.2	-0.4	-0.1	-0.1	0.5	0.0	-0.5	-0.3	0.3
1927	-0.4.	0.3	1.5	1.2	0.5*	-0.3	-0.7	-0.5	-0.7	-0.6	-0.2	-1.0	-0.1
1928	-1.4	1.1	1.0	1.0	0.0	-0.2	0.1	0.2	-0.3	-1.1	0.2	0.6	0.1
1929	-0.8	-1.8	-2.9	-2.9	-2.2*	-1.1	-0.6	-0.4	0.7	0.5	-0.1	1.3	-0.9
1930	1.7	0.9	0.0	0.2	0.3	0.8*	0.4.	-0.4	0.1	0.1	-0.1	0.7	0.4
1931	1.1	0.8	-0.1	-0.7	-1.1	-1.0.	-1.7	-2.3	-2.5	-2.1	-1.8	-0.9	-1.0
1932	-0.3	0.1	-0.6	-0.5	-0.5	-0.8*	0.1	0.5	0.8	-0.1	-0.3	-0.5	-0.2
1933	-0.1	-0.3	0.6	0.9	0.8	0.7	0.3*	1.2	1.4	1.4	0.2	-1.6	0.5
1934	-1.1	-0.9	-0.8	-0.2	0.1	0.1	0.9	0.7	0.7	0.3	0.2	1.8	0.2
1935	2.0	1.1	0.8	0.5	0.1	0.0*	0.6	1.3	0.5	-0.2	0.3	-0.2	0.6
1936	0.9	0.7	1.0	0.7	0.2	-0.3.	0.0	-0.3	0.4	-0.2	-0.3	-0.1	0.2
1937	0.9	1.9	1.2	1.1	0.6	0.8	0.6*	0.6	0.5	0.8	0.6	0.3	0.8
1938	0.5	0.7	0.6	0.5	-0.4	-0.4	-0.5	0.1	0.4	0.2	1.1	0.8	0.3
1939	0.6	0.9	1.1	0.5	0.2	0.3.	0.2*	0.5	1.9*	0.3	0.6	0.8	0.7.
1940	-1.0	-1.9	-1.9H	-0.9H	0.2H	0.8H	0.4H	-0.4H	-0.7H	-0.7H	0.1H	-0.6H	-0.5*

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	1.8H	1.6H	0.7H	1.4H	1.6H	0.9H	-0.6H	0.0H	0.0H	0.2H	0.2H	0.6H	0.7H
1949	0.8H	1.1H	0.3H	0.8H	0.4H	0.0H	0.3H	0.6H	2.1H	2.4H	0.6H	0.8H	0.9H
1950	0.8H	0.8H	1.4H	0.9H	0.4H	1.3H	1.1H	1.2H	0.2H	-0.4H	-0.5H	-0.8H	0.5H
1951	-0.4H	0.6H	0.3H	-0.1H	-0.2H	0.0H	0.2H	0.2H	0.5H	0.0H	0.7H	1.2H	0.3H
1952	1.3H	0.3H	0.4H	0.4H	1.3H	0.8H	0.9H	0.6H	-0.4H	-1.6H	-1.6H	-1.7H	0.1H
1953	-0.9H	-0.3H	-1.0	-0.7	-0.1	-0.2	-0.5	-0.1	0.0	0.7	1.1	2.0	0.0.
1954	0.6	-1.9	0.0	-0.1	-0.4	-0.5	-0.7*	-1.1*	-0.7	-0.2	0.6	1.5	-0.2.
1955	-0.2	-0.1	-1.8	-2.0	-1.5	-1.3	-0.7	0.4	1.1	0.5	0.2	0.4	-0.4
1956	0.7	-1.0	-2.0	-1.6	-1.0	-0.8	-0.9	-1.1	-0.9	-0.1	-0.7	0.0	-0.8
1957	0.7	1.6	2.1	2.0	0.9	0.7	0.9	0.3	-0.6	-0.3	0.4	0.0	0.7
1958	-0.2	0.5	-0.1	-1.1	-0.8	-0.4	-0.7	-0.7	0.3	0.4	0.5	0.8	-0.1
1959	0.7	-0.2	0.2	1.1	1.2	0.8	1.2	1.7	1.9	2.0	1.0	1.8	1.1
1960	1.3	0.8	1.2	1.0	0.5	0.6	0.1	0.2	0.2	0.0	0.6	1.2	0.6
1961	0.6	1.5	1.9	1.9	2.0	1.0	0.8	0.1	0.7	1.5	0.2	0.1	1.0
1962	0.1	0.6	-1.5	-1.5	-1.4	-1.2	-1.0	-1.0	-1.0*	0.1	-0.3	-1.0	-0.8
1963	-3.7.	-4.9	-3.6	-1.6	-1.2	-1.1	-1.3	-0.8	-1.1	-0.5	0.8	0.1	-1.6
1964	-0.9	-0.8	-1.7.	-1.3.	0.2	0.5	0.2	0.4	0.4.	0.0	-0.3	0.1	-0.3
1965	-0.1	-1.0	-1.6	-0.9	-0.2	-0.5	-0.8	-0.7	-0.9	0.1	-0.5	-0.2	-0.6
1966	-0.3	0.7	1.7	0.7	0.9	0.7	0.0	-0.2	0.2	1.0	-0.1	-0.3	0.4
1967	-0.4	1.1	1.8	0.9	0.6	0.2	0.6	0.6.	0.1	0.3	-0.2	-0.3	0.4
1968	-0.9	-0.6	-1.2	-0.6	-0.3	-0.5	-0.7	-0.7	-0.1	0.6	0.3	0.2	-0.4
1969	0.5	0.2	-0.7	-0.8	0.0	-0.1	-0.1	0.8	0.6	1.5	1.0	-0.4	0.2
1970	-0.3	0.9	-0.4	-0.9	-0.3	0.4	-0.3	-0.1	-0.3	0.0	0.3	0.8	-0.0
1971	-0.2	1.2	0.2	-0.2	-0.2	-0.3	0.2	0.1	0.4	0.9	0.3	0.4	0.2
1972	0.6	1.1	0.8	1.2	0.3	-0.5	-0.7	-0.7	-0.5	-0.5	-0.3	0.7	0.1
1973	0.9	1.2	0.9	0.1	-0.3	0.1	0.6	0.4	0.9	0.3	-0.4	-1.0	0.3
1974	0.9	2.4	1.6	1.4	0.6	0.3	-0.1	0.0	-0.5.	-1.5	-1.4	0.0	0.3
1975	1.5	1.7	1.0	-0.5	-0.6	-0.8	-0.2	1.1	1.1	0.2	0.2	0.1	0.4
1976	0.5	-0.8	-0.6	-0.2	-0.4	0.2	1.6	1.7	1.2	1.2	0.9	0.1	0.4
1977	0.1	1.5	2.0	0.8	0.3	-0.4	-0.5	-0.3	-0.1	0.3	0.7	0.2	0.4
1978	0.3	0.0	0.4	0.0	-0.5	-0.4	-1.1	-0.6	-0.3	0.4	1.4	1.2	0.1
1979	-0.3	-1.3	-0.9	-0.2	-0.4	-0.4	-0.5	-0.4	-0.4	0.5	0.5	1.6	-0.2
1980	0.3	1.4	1.2	0.7	-0.1	0.1	-0.7	-0.2	0.3	0.4	-1.0	-0.9	0.1
1981	-0.5	-0.1	0.9	1.1	0.1	-0.1	-1.0	-0.3	0.6	-0.2.	-0.3.	-0.6*	-0.0.
1982	-1.1	-0.3	0.9.	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (GR.C): NOORDHINDER (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	-0.3	-0.3	0.0	0.1	0.4	0.2	0.4	0.3	0.4	0.0	0.2	0.2	0.1
1901-1910	-0.2	-0.4	-0.2	-0.0	-0.1	-0.2	-0.2	-0.2	-0.4	-0.2	-0.3	-0.3	-0.2
1911-1920	0.4.	0.4.	0.5.	0.1.	0.3.	-0.0.	-0.4.	-0.3.	-0.2.	-0.4.	-0.5.	0.0.	-0.0.
1921-1930	0.0	0.7	0.6	0.0	-0.0.	-0.2.	-0.2.	-0.3	-0.3	-0.2	-0.4	-0.3	-0.0
1931-1940	0.4	0.3	0.2	0.2	0.0	0.0*	0.1*	0.2	0.3.	-0.0	0.1	-0.0	0.1.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	0.4.	0.0.	-0.1.	-0.1.	-0.0.	-0.0.	-0.0.	0.0.	0.1.	0.1.	0.3.	0.7.	0.1.
1961-1970	-0.5	-0.2	-0.5	-0.4	0.0	-0.1	-0.3	-0.2	-0.1.	0.5	0.1	-0.1	-0.2
1971-1980	0.5	0.8	0.7	0.3	-0.1	-0.2	-0.1	0.1	0.2	0.2	0.1	0.2	0.2
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	-0.0	0.0	0.0	-0.0	0.0	-0.0	-0.0	-0.0	-0.0	0.0	-0.0	0.0	-0.0
SIGMA	1.08	1.30	1.41	1.12	0.79	0.68	0.75	0.82	0.86	0.82	0.72	0.92	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.2	0.3	0.3	0.1	0.1	-0.0	-0.3	-0.1	-0.2	-0.1	-0.2	0.1	0.0
AANGEVULD	0.2	0.3	0.3	0.1	0.1	-0.0	-0.2	-0.1	-0.1	-0.1	-0.2	0.0	0.0

WATERTEMP. (SIGMA) NOORDHINDER (HOMOGENE REEKS)
AFWIJKING T.O.V. 6UJR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
GEM	7.3	6.2	6.2	7.5	9.9	12.9	15.5	16.8	16.6	14.7	12.0	9.2	
SIGMA	1.08	1.30	1.41	1.12	0.79	0.68	0.75	0.82	0.86	0.82	0.72	0.92	
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	0.4	1.6	1.4	1.3	1.0	0.9	1.1	1.8	0.7	0.2	-0.4	-0.1	0.8
1885	-0.9	0.8	0.7	0.3	0.4	0.3	0.8	0.4	-0.6	-1.5	-1.8	-0.7	-0.1
1886	-0.6	-0.8	-1.3	-0.4	-0.4	-0.4	-0.4	-0.6	0.6	0.5	0.6	-0.2	-0.3
1887	-0.7	-0.7	-1.1	-1.7	-2.0	-1.2	0.1	0.5	-0.9	-2.0	-2.5	-1.1	-1.1
1888	-1.3	-1.7	-2.3	-2.3	-1.9	-1.6	-2.4	-2.1	-1.3	-1.8	-1.1	0.7	-1.6
1889	0.1	-0.7	-1.3	-1.2	0.0	1.3	0.4	-0.9	-0.8	-1.5	-0.7	-1.2	-0.5
1890	0.2	0.2	-0.4	-0.6	0.3	0.6	-0.9	-0.4	0.1	1.0	0.6	-1.7	-0.1
1891	-2.8	-1.6	-1.1	-0.9	-0.3	-0.3	-0.9	-1.7	-1.0	-0.4	-1.0	0.3	-1.0
1892	-0.2	-0.4	-1.1	-1.6	-1.5	-0.7	-0.9	-1.0	-0.8	-1.7	-0.3	-0.7	-0.9
1893	-1.4	-0.8	0.6	0.8	1.8	1.0	1.5	1.2	1.3	1.0	-0.4	-0.2	0.5
1894	-0.6	0.9	1.1	1.9	2.2	0.6	0.9	0.0	-0.3	-0.2	1.4	0.8	0.7
1895	-0.6	-2.4	-2.0	-1.5	-1.0	-0.4	0.4	0.1	1.3	0.9	0.8	-0.1	-0.4
1896	0.4	0.5	1.2	1.4	1.6	2.4	2.3	1.7	0.9	-0.4	-1.4	-1.6	0.8
1897	-1.1	-0.8	0.7	0.9	0.6	0.7	0.8	1.0	-0.6	-0.6	-0.4	-0.1	0.1
1898	1.3	0.8	-0.1	-0.2	0.3	-0.3	-0.5	0.2	1.5	1.2	1.9	1.8	0.7
1899	1.4	1.2	0.7	0.5	0.6	0.6	1.1	2.2	1.3	-0.2	1.1	0.2	0.9
1900	1.0	0.4	0.2	-0.1	0.3	-0.1	0.5	0.2	0.6	0.6	0.7	1.6	0.5
1901	0.7	-0.2	-0.6	-0.5	-0.3	0.1	1.1	1.1	0.2	0.2	-0.4	-0.5	0.1
1902	0.7	-0.9	-0.4	0.0	-0.9	-1.3	-0.3	-0.7	-0.3	-1.0	-0.8	-1.3	-0.6
1903	0.0	0.9	1.2	1.2	0.0	-0.4	-0.4	-0.7	-0.8	-0.1	0.0	-0.8	0.0
1904	-0.8	0.5	-0.1	0.2	0.5	0.1	1.2	1.3	0.0	-0.6	-0.3	0.3	0.2
1905	-0.3	-0.3	0.6	1.0	0.8	0.9	1.5	0.6	-0.5	-2.2	-2.1	-0.7	-0.1
1906	0.5	0.1	-0.1	-0.8	-0.9	-1.3	-0.5	-0.1	0.2	0.7	1.0	-0.2	-0.1
1907	-1.2	-1.5	-1.2	-0.5	0.0	-1.2	-2.1	-1.7	-0.8	0.2	0.8	1.0	-0.7
1908	-1.2	-0.7	-0.4	-0.4	-0.5	-0.1	-0.1	-0.2	-1.3	0.4	-0.7	-0.2	-0.5
1909	-0.3	-1.1	-1.4	-0.5	-0.3	-0.4	-1.5	-0.9	-0.7	0.5	-0.7	-1.3	-0.7
1910	-0.1	0.4	0.8	0.3	0.3	0.4	-1.2	-0.9	-0.8	0.0	-1.0	0.3	-0.1
1911	0.0	-0.2	0.1	-1.2	-0.5	0.4	0.3	2.2	2.4	0.7	0.4	0.9	0.5
1912	1.3	0.8	1.6	1.5	1.8	1.5	1.3	-0.7	-2.2	-2.1	-1.4	0.2	0.3
1913	1.2	1.4	0.9	0.8	1.3	0.6	-0.7	-0.6	0.3	0.9	1.8	1.3	0.8
1914	-1.0	-0.2	1.0	1.5	1.8	0.9	1.2	0.7	0.8	0.0	0.0	0.9	0.6
1915	0.8	0.7	0.4	-0.2	-1.0	-1.3	-0.8	-0.5	-0.2	-0.2	-1.4	-0.5	-0.4
1916	1.4	1.0	0.1	0.0	0.4	-1.0*	-2.0	-1.1	-0.6	0.1	0.1	0.0	-0.1
1917	-0.2	-1.2	-1.6	-2.4	-2.9	-2.4	-1.9	-0.7	-0.9	-1.0	-1.1	-1.0*	-1.4
1918	-1.4H	0.1H	0.1H	-0.1H	0.6H	0.0H	-0.8H	-0.5H	-1.2H	-1.5H	-0.8H	0.9H	-0.4H
1919	0.9H	-0.4H	0.0H	-0.6H	0.1H	-0.1H	-2.4H	-1.3H	-0.3H	-1.7H	-4.0H	-1.6H	-1.0H
1920	0.2H	1.1	1.1	1.9	1.8	1.5	0.4	-0.9	-0.8	0.4	-0.4	-0.8	0.4
1921	1.5	1.2	1.0	1.1	1.3	1.0	1.3	1.1	0.9	2.4*	0.1	-0.7	1.0
1922	-0.5	1.0	1.5	-0.1	0.0	1.0	-1.2	-1.3	-1.2	-1.3	-2.5	-0.9	-0.5
1923	0.3	0.9	1.3	1.1	0.4	-2.6*	-0.9	-0.4	-1.4.	-0.9	-1.4	-1.4	-0.4
1924	-1.1	-0.3	-1.1	-2.0	-0.5	-0.6	-0.5.	-1.1	-1.4	-0.7	-0.4	0.4	-0.8
1925	1.2	1.2	0.6	-0.2	0.0	0.3	0.1*	-0.5	-1.4	-0.9	-0.8	-1.8	-0.2
1926	-0.2	1.2	1.1	0.7	0.3	-0.6	-0.1	-0.1	0.6	0.0	-0.7	-0.3	0.1
1927	-0.4.	0.2	1.1	1.1	0.6*	-0.4	-0.9	-0.6	-0.8	-0.7	-0.3	-1.1	-0.2
1928	-1.3	0.8	0.7	0.9	0.0	-0.3	0.1	0.2	-0.3	-1.3	0.3	0.7	0.0
1929	-0.7	-1.4	-2.1	-2.6	-2.8*	-1.6	-0.8	-0.5	0.8	0.6	-0.1	1.4	-0.8
1930	1.6	0.7	0.0	0.2	0.4	1.2*	0.5.	-0.5	0.1	0.1	-0.1	0.8	0.4
1931	1.0	0.6	-0.1	-0.6	-1.4	-1.5.	-2.3	-2.8	-2.9	-2.6	-2.5	-1.0	-1.3
1932	-0.3	0.1	-0.4	-0.4	-0.6	-1.2*	0.1	0.6	0.9	-0.1	-0.4	-0.5	-0.2
1933	-0.1	-0.2	0.4	0.8	1.0	1.0	0.4*	1.5	1.6	1.7	0.3	-1.7	0.6
1934	-1.0	-0.7	-0.6	-0.2	0.1	0.1	1.2	0.9	0.8	0.4	0.3	2.0	0.3
1935	1.9	0.8	0.6	0.4	0.1	0.0*	0.8	1.6	0.6	-0.2	0.4	-0.2	0.6
1936	0.8	0.5	0.7	0.6	0.3	-0.4.	0.0	-0.4	0.5	-0.2	-0.4	-0.1	0.2
1937	0.8	1.5	0.9	1.0	0.8	1.2	0.8*	0.7	0.6	1.0	0.8	0.3	0.9
1938	0.5	0.5	0.4	0.4	-0.5	-0.6	-0.7	0.1	0.5	0.2	1.5	0.9	0.3
1939	0.6	0.7	0.8	0.4	0.3	0.4.	0.3*	0.6	2.2*	0.4	0.8	0.9	0.7.
1940	-0.9	-1.5	-1.3H	-0.8H	0.3H	1.2H	0.5H	-0.5H	-0.8H	-0.9H	0.1H	-0.7H	-0.4*

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	1.7H	1.2H	0.5H	1.3H	2.0H	1.3H	-0.8H	0.0H	0.0H	0.2H	0.3H	0.7H	0.7H
1949	0.7H	0.8H	0.2H	0.7H	0.5H	0.0H	0.4H	0.7H	2.4H	2.9H	0.8H	0.9H	0.9H
1950	0.7H	0.6H	1.0H	0.8H	0.5H	1.9H	1.5H	1.5H	0.2H	-0.5H	-0.7H	-0.9H	0.6H
1951	-0.4H	0.5H	0.2H	-0.1H	-0.3H	0.0H	0.3H	0.2H	0.6H	0.0H	1.0H	1.3H	0.3H
1952	1.2H	0.2H	0.3H	0.4H	1.6H	1.2H	1.2H	0.7H	-0.5H	-2.0H	-2.2H	-1.8H	0.0H
1953	-0.8H	-0.2H	-0.7	-0.6	-0.1	-0.3	-0.7	-0.1	0.0	0.9	1.5	2.2	0.1.
1954	0.6	-1.5	0.0	-0.1	-0.5	-0.7	-0.9*	-1.3*	-0.8	-0.2	0.8	1.6	-0.3.
1955	-0.2	-0.1	-1.3	-1.8	-1.9	-1.9	-0.9	0.5	1.3	0.6	0.3	0.4	-0.4
1956	0.6	-0.8	-1.4	-1.4	-1.3	-1.2	-1.2	-1.3	-1.0	-0.1	-1.0	0.0	-0.8
1957	0.6	1.2	1.5	1.8	1.1	1.0	1.2	0.4	-0.7	-0.4	0.6	0.0	0.7
1958	-0.2	0.4	-0.1	-1.0	-1.0	-0.6	-0.9	-0.9	0.3	0.5	0.7	0.9	-0.2
1959	0.6	-0.2	0.1	1.0	1.5	1.2	1.6	2.1	2.2	2.4	1.4	2.0	1.3
1960	1.2	0.6	0.9	0.9	0.6	0.9	0.1	0.2	0.2	0.0	0.8	1.3	0.7
1961	0.6	1.2	1.3	1.7	2.5	1.5	1.1	0.1	0.8	1.8	0.3	0.1	1.1
1962	0.1	0.5	-1.1	-1.3	-1.8	-1.8	-1.3	-1.2	-1.2*	0.1	-0.4	-1.1	-0.9
1963	-3.4.	-3.8	-2.6	-1.4	-1.5	-1.6	-1.7	-1.0	-1.3	-0.6	1.1	0.1	-1.5
1964	-0.8	-0.6	-1.2.	-1.2.	0.3	0.7	0.3	0.5	0.5.	0.0	-0.4	0.1	-0.2
1965	-0.1	-0.8	-1.1	-0.8	-0.3	-0.7	-1.1	-0.9	-1.0	0.1	-0.7	-0.2	-0.6
1966	-0.3	0.5	1.2	0.6	1.1	1.0	0.0	-0.2	0.2	1.2	-0.1	-0.3	0.4
1967	-0.4	0.8	1.3	0.8	0.8	0.3	0.8	0.7.	0.1	0.4	-0.3	-0.3	0.4
1968	-0.8	-0.5	-0.9	-0.5	-0.4	-0.7	-0.9	-0.9	-0.1	0.7	0.4	0.2	-0.4
1969	0.5	0.2	-0.5	-0.7	0.0	-0.1	-0.1	1.0	0.7	1.8	1.4	-0.4	0.3
1970	-0.3	0.7	-0.3	-0.3	-0.4	0.6	-0.4	-0.1	-0.3	0.0	0.4	0.9	-0.0
1971	-0.2	0.9	0.1	-0.2	-0.3	-0.4	0.3	0.1	0.5	1.1	0.4	0.4	0.2
1972	0.6	0.8	0.6	1.1	0.4	-0.7	-0.9	-0.9	-0.6	-0.6	-0.4	0.8	0.0
1973	0.8	0.9	0.6	0.1	-0.4	0.1	0.8	0.5	1.0	0.4	-0.6	-1.1	0.3
1974	0.8	1.8	1.1	1.3	0.8	0.4	-0.1	0.0	-0.6.	-1.8	-1.9	0.0	0.1
1975	1.4	1.3	0.7	-0.4	-0.8	-1.2	-0.3	1.3	1.3	0.2	0.3	0.1	0.3
1976	0.5	-0.6	-0.4	-0.2	-0.5	0.3	2.1	2.1	1.4	1.5	1.3	0.1	0.6
1977	0.1	1.2	1.4	0.7	0.4	-0.6	-0.7	-0.4	-0.1	0.4	1.0	0.2	0.3
1978	0.3	0.0	0.3	0.0	-0.6	-0.6	-1.5	-0.7	-0.3	0.5	1.9	1.3	0.0
1979	-0.3	-1.0	-0.6	-0.2	-0.5	-0.6	-0.7	-0.5	-0.5	0.6	0.7	1.7	-0.1
1980	0.3	1.1	0.9	0.6	-0.1	0.1	-0.9	-0.2	0.3	0.5	-1.4	-1.0	0.0
1981	-0.5	-0.1	0.6	1.0	0.1	-0.1	-1.3	-0.4	0.7	-0.2.	-0.4.	-0.7*	-0.1.
1982	-1.0	-0.2	0.6.	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (SIGMA) NOORDHINDER (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	-0.3	-0.2	0.0	0.1	0.5	0.3	0.5	0.4	0.4	0.0	0.3	0.2	0.2
1901-1910	-0.2	-0.3	-0.2	-0.0	-0.1	-0.3	-0.2	-0.2	-0.5	-0.2	-0.4	-0.3	-0.2
1911-1920	0.3.	0.3.	0.4.	0.1.	0.3.	-0.0.	-0.5.	-0.3.	-0.3.	-0.4.	-0.7.	0.0.	-0.1.
1921-1930	0.0	0.0	0.4	0.0	-0.0.	-0.3.	-0.2.	-0.4	-0.4	-0.3	-0.6	-0.3	-0.1
1931-1940	0.3	0.2	0.1	0.2	0.0	0.0*	0.1*	0.2	0.4.	-0.0	0.1	-0.0	0.1.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	0.3.	0.0.	-0.0.	-0.1.	-0.0.	-0.0.	-0.0.	0.0.	0.2.	0.2.	0.4.	0.8.	0.1.
1961-1970	-0.5	-0.2	-0.4	-0.4	0.0	-0.1	-0.3	-0.2	-0.2.	0.6	0.2	-0.1	-0.1
1971-1980	0.4	0.6	0.5	0.3	-0.2	-0.3	-0.2	0.1	0.2	0.3	0.1	0.3	0.2
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	-0.0	0.0	0.0	-0.0	0.1	-0.1	-0.0	-0.0	-0.0	0.0	-0.0	0.0	-0.0
SIGMA	1.00	1.00	1.00	1.00	1.01	1.00	1.01	1.00	1.00	1.00	1.00	1.00	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.2	0.2	0.2	0.1	0.1	-0.0	-0.4	-0.2	-0.2	-0.2	-0.2	0.1	-0.0
AANGEVULD	0.2	0.3	0.2	0.1	0.1	-0.0	-0.2	-0.1	-0.1	-0.1	-0.3	0.0	0.0

NOORDHINDER (HOMOGENE REEKS)

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	8.1	11.1	17.3	11.9
1885	6.9	10.4	16.4	10.9
1886	5.3	9.7	16.2	12.2
1887	5.5	8.7	16.2	10.5
1888	4.3	8.4	14.8	11.4
1889	5.7	10.0	15.9	11.0
1890	6.5	10.1	16.0	11.8
1891	4.4	9.6	15.3	11.7
1892	5.8	8.9	15.6	11.2
1893	6.0	11.1	17.4	12.1
1894	7.2	11.5	16.4	12.5
1895	4.4	9.2	16.8	12.4
1896	7.5	11.6	17.6	11.0
1897	6.1	10.8	16.6	11.7
1898	7.4	10.0	16.7	13.3
1899	7.9	10.6	17.5	12.2
1900	7.2	10.1	16.7	12.8
1901	6.5	9.9	16.9	11.8
1902	6.3	9.6	15.9	11.1
1903	7.5	10.4	15.8	11.7
1904	6.4	10.3	17.0	11.8
1905	6.6	10.9	16.7	10.7
1906	6.7	9.3	16.2	12.3
1907	4.9	9.6	15.1	12.5
1908	5.7	9.8	15.8	11.8
1909	5.3	9.7	15.5	11.5
1910	7.1	10.4	15.5	11.8
1911	6.5	9.6	17.7	12.5
1912	8.2	11.5	15.8	11.1
1913	8.0	10.9	16.1	13.0
1914	6.6	11.3	17.0	12.2
1915	7.4	9.5	15.9	11.4
1916	7.6	10.0.	15.3	12.0
1917	5.2	7.9	15.4	11.1.
1918	6.1H	10.2H	15.6H	11.6H
1919	6.7H	9.9H	15.2H	10.0H
1920	7.6.	11.6	15.9	11.7
1921	8.1	11.1	17.2	12.5.
1922	7.5	10.3	15.3	10.7
1923	7.7	10.0.	15.6	11.0
1924	5.5	9.1	15.5	11.8
1925	7.8	10.1	15.8.	11.0
1926	7.5	10.3	16.4	11.7
1927	7.0	10.6.	15.7	11.4
1928	6.8	10.4	16.3	11.9
1929	4.7	8.0.	16.2	12.5
1930	7.4	10.5.	16.3	12.2
1931	7.2	9.2	14.1	10.4
1932	6.3	9.5.	16.8	11.7
1933	6.6	10.9	17.3.	12.0
1934	5.6	10.1	17.1	12.7
1935	7.9	10.3.	17.1	11.9
1936	7.4	10.3	16.3	11.8
1937	7.9	10.9	16.9.	12.5
1938	7.2	10.0	16.3	12.7
1939	7.4	10.4	17.2*	12.5
1940	5.0.	10.1H	16.1H	11.6H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-
1947	-	-	-	-
1948	7.9H	11.4H	16.1H	12.3H
1949	7.3H	10.5H	17.3H	13.2H
1950	7.6H	11.0H	17.1H	11.4H
1951	6.7H	10.0H	16.6H	12.6H
1952	7.2H	10.9H	16.7H	10.3H
1953	5.8*	9.8	16.1	13.2
1954	6.1	9.8	15.5*	12.6
1955	5.9	8.5	16.6	12.3
1956	5.8	9.0	15.3	11.7
1957	8.0	11.3	16.5	12.0
1958	6.6	9.3	15.9	12.5
1959	6.8	11.1	17.9	13.6
1960	7.7	10.8	16.5	12.6
1961	7.9	11.7	16.8	12.6
1962	6.3	8.7	15.3.	11.6
1963	2.5	8.8	15.2	12.1
1964	5.4	9.9	16.6	11.9
1965	5.7	9.6	15.5	11.8
1966	7.3	10.9	16.3	12.2
1967	7.4	10.7	16.7	11.9
1968	5.7	9.6	15.8	12.3
1969	6.6	9.8	16.7	12.7
1970	6.6	9.8	16.1	12.3
1971	7.0	9.9	16.5	12.5
1972	7.4	10.4	15.7	11.9
1973	7.6	10.1	16.9	11.6
1974	8.2	10.9	16.1	11.0
1975	8.0	9.5	17.0	12.1
1976	6.3	10.0	17.8	12.7
1977	7.8	10.3	16.0	12.4
1978	6.8	9.8	15.6	13.0
1979	5.7	9.8	15.9	12.8
1980	7.5	10.3	16.1	11.5
1981	6.7	10.5	16.1	11.6*
1982	6.4	-	-	-

NOORDHINDER (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	1.5	1.0	1.0	-0.1
1885	0.4	0.3	0.1	-1.0
1886	-1.2	-0.4	-0.1	0.2
1887	-1.1	-1.4	-0.1	-1.5
1888	-2.3	-1.7	-1.5	-0.6
1889	-0.9	-0.1	-0.4	-0.9
1890	-0.0	-0.0	-0.3	-0.1
1891	-2.2	-0.5	-1.0	-0.2
1892	-0.7	-1.2	-0.7	-0.7
1893	-0.5	1.0	1.1	0.1
1894	0.7	1.4	0.1	0.5
1895	-2.2	-0.9	0.5	0.4
1896	0.9	1.5	1.3	-0.9
1897	-0.4	0.7	0.3	-0.3
1898	0.8	-0.1	0.4	1.4
1899	1.4	0.5	1.2	0.3
1900	0.6	0.0	0.4	0.8
1901	-0.1	-0.2	0.6	-0.2
1902	-0.3	-0.5	-0.4	-0.9
1903	1.0	0.3	-0.5	-0.3
1904	-0.2	0.2	0.7	-0.1
1905	0.1	0.8	0.4	-1.3
1906	0.1	-0.8	-0.1	0.4
1907	-1.7	-0.5	-1.2	0.6
1908	-0.9	-0.3	-0.5	-0.1
1909	-1.2	-0.4	-0.8	-0.4
1910	0.5	0.3	-0.8	-0.1
1911	-0.0	-0.5	1.4	0.6
1912	1.6	1.4	-0.5	-0.8
1913	1.5	0.8	-0.2	1.1
1914	-0.0	1.2	0.7	0.3
1915	0.8	-0.6	-0.4	-0.6
1916	1.0	-0.1.	-1.0	0.1
1917	-1.3	-2.2	-0.9	-0.8.
1918	-0.4H	0.1H	-0.7H	-0.3H
1919	0.2H	-0.2H	-1.1H	-1.9H
1920	1.0.	1.5	-0.4	-0.2
1921	1.5	1.0	0.9	0.5.
1922	1.0	0.2	-1.0	-1.2
1923	1.1	-0.1.	-0.7	-1.0
1924	-1.0	-1.0	-0.8	-0.2
1925	1.2	0.0	-0.5.	-1.0
1926	1.0	0.2	0.1	-0.3
1927	0.5	0.5.	-0.6	-0.6
1928	0.2	0.3	0.0	-0.1
1929	-1.8	-2.1.	-0.1	0.6
1930	0.9	0.4.	0.0	0.2
1931	0.6	-0.9	-2.2	-1.6
1932	-0.3	-0.6.	0.5	-0.3
1933	0.1	0.8	1.0.	-0.0
1934	-0.9	-0.0	0.8	0.8
1935	1.3	0.2.	0.8	-0.0
1936	0.9	0.2	0.0	-0.2
1937	1.3	0.8	0.6.	0.6
1938	0.6	-0.1	0.0	0.7
1939	0.9	0.3	0.9*	0.6
1940	-1.6.	0.0H	-0.2H	-0.4H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-
1947	-	-	-	-
1948	1.4H	1.3H	-0.2H	0.3H
1949	0.7H	0.4H	1.0H	1.3H
1950	1.0H	0.9H	0.8H	-0.6H
1951	0.2H	-0.1H	0.3H	0.6H
1952	0.7H	0.8H	0.4H	-1.6H
1953	-0.7*	-0.3	-0.2	1.3
1954	-0.4	-0.3	-0.8*	0.6
1955	-0.7	-1.6	0.3	0.4
1956	-0.8	-1.1	-1.0	-0.3
1957	1.5	1.2	0.2	0.0
1958	0.1	-0.8	-0.4	0.6
1959	0.2	1.0	1.6	1.6
1960	1.1	0.7	0.2	0.6
1961	1.3	1.6	0.5	0.6
1962	-0.3	-1.4	-1.0.	-0.4
1963	-4.1	-1.3	-1.1	0.1
1964	-1.1	-0.2	0.3	-0.1
1965	-0.9	-0.5	-0.8	-0.2
1966	0.7	0.8	0.0	0.2
1967	0.8	0.6	0.4	-0.1
1968	-0.9	-0.5	-0.5	0.4
1969	0.0	-0.3	0.4	0.7
1970	0.1	-0.3	-0.2	0.4
1971	0.4	-0.2	0.2	0.5
1972	0.8	0.3	-0.6	-0.0
1973	1.0	-0.0	0.6	-0.4
1974	1.6	0.8	-0.2	-1.0
1975	1.4	-0.6	0.7	0.2
1976	-0.3	-0.1	1.5	0.7
1977	1.2	0.2	-0.3	0.4
1978	0.2	-0.3	-0.7	1.0
1979	-0.8	-0.3	-0.4	0.9
1980	1.0	0.2	-0.2	-0.5
1981	0.1	0.4	-0.2	-0.4*
1982	-0.2	-	-	-

NOORDHINDER (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM
GENORMEERD OP SIGMA

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	1.1	1.1	1.2	-0.1
1885	0.2	0.3	0.2	-1.3
1886	-0.9	-0.4	-0.1	0.3
1887	-0.8	-1.6	-0.1	-1.8
1888	-1.8	-1.9	-1.9	-0.8
1889	-0.6	0.1	-0.4	-1.1
1890	-0.0	0.1	-0.4	-0.1
1891	-1.8	-0.5	-1.2	-0.3
1892	-0.5	-1.3	-0.9	-0.9
1893	-0.5	1.2	1.3	0.1
1894	0.4	1.5	0.2	0.6
1895	-1.6	-1.0	0.6	0.5
1896	0.7	1.8	1.6	-1.1
1897	-0.4	0.8	0.4	-0.4
1898	0.7	-0.1	0.4	1.7
1899	1.1	0.6	1.5	0.4
1900	0.5	0.0	0.5	1.0
1901	-0.0	-0.2	0.8	-0.2
1902	-0.2	-0.7	-0.4	-1.0
1903	0.7	0.2	-0.6	-0.3
1904	-0.2	0.3	0.8	-0.2
1905	0.0	0.9	0.5	-1.6
1906	0.1	-1.0	-0.1	0.5
1907	-1.3	-0.6	-1.6	0.7
1908	-0.8	-0.3	-0.6	-0.2
1909	-0.9	-0.4	-1.0	-0.5
1910	0.4	0.3	-1.0	-0.2
1911	-0.0	-0.4	1.6	0.7
1912	1.3	1.6	-0.5	-1.1
1913	1.2	0.9	-0.3	1.3
1914	-0.1	1.4	0.9	0.3
1915	0.7	-0.8	-0.5	-0.7
1916	0.8	-0.2.	-1.2	0.1
1917	-1.0	-2.6	-1.2	-1.0.
1918	-0.4H	0.2H	-0.8H	-0.5H
1919	0.2H	-0.2H	-1.4H	-2.5H
1920	0.8.	1.7	-0.4	-0.3
1921	1.2	1.1	1.1	0.6.
1922	0.7	0.3	-1.2	-1.6
1923	0.8	-0.4.	-0.9	-1.2
1924	-0.8	-1.0	-1.0	-0.2
1925	1.0	0.0	-0.6.	-1.2
1926	0.7	0.1	0.1	-0.3
1927	0.3	0.4.	-0.8	-0.7
1928	0.1	0.2	0.0	-0.1
1929	-1.4	-2.3.	-0.2	0.6
1930	0.8	0.6.	0.1	0.2
1931	0.5	-1.2	-2.7	-2.0
1932	-0.2	-0.8.	0.6	-0.4
1933	0.0	0.9	1.2.	0.1
1934	-0.8	0.0	1.0	0.9
1935	1.1	0.2.	1.0	-0.0
1936	0.7	0.1	0.0	-0.3
1937	1.0	1.0	0.7.	0.7
1938	0.5	-0.2	-0.0	0.9
1939	0.7	0.4	1.0*	0.7
1940	-1.2.	0.2H	-0.3H	-0.5H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-
1947	-	-	-	-
1948	1.1H	1.5H	-0.3H	0.4H
1949	0.6H	0.4H	1.2H	1.5H
1950	0.8H	1.1H	1.1H	-0.7H
1951	0.1H	-0.1H	0.4H	0.8H
1952	0.6H	1.1H	0.5H	-2.0H
1953	-0.6*	-0.3	-0.3	1.5
1954	-0.3	-0.4	-1.0*	0.7
1955	-0.5	-1.9	0.3	0.4
1956	-0.5	-1.3	-1.2	-0.4
1957	1.1	1.3	0.3	0.1
1958	0.0	-0.9	-0.5	0.7
1959	0.2	1.2	2.0	1.9
1960	0.9	0.8	0.2	0.7
1961	1.0	1.9	0.7	0.7
1962	-0.2	-1.6	-1.2.	-0.5
1963	-3.2	-1.5	-1.3	0.2
1964	-0.9	-0.1	0.4	-0.1
1965	-0.7	-0.6	-1.0	-0.3
1966	0.5	0.9	-0.0	0.3
1967	0.6	0.6	0.5	-0.1
1968	-0.7	-0.6	-0.6	0.5
1969	0.0	-0.3	0.5	0.9
1970	0.0	-0.2	-0.3	0.4
1971	0.3	-0.3	0.3	0.6
1972	0.7	0.2	-0.8	-0.1
1973	0.8	-0.0	0.8	-0.4
1974	1.3	0.8	-0.2	-1.3
1975	1.1	-0.8	0.8	0.2
1976	-0.2	-0.1	1.9	0.9
1977	0.9	0.2	-0.4	0.5
1978	0.2	-0.4	-0.8	1.2
1979	-0.6	-0.4	-0.5	1.0
1980	0.7	0.2	-0.3	-0.6
1981	0.0	0.3	-0.3	-0.4*
1982	-0.2	-	-	-

S C H O U W E N B A N K

en M A A S

BIJLAGE 5

WATERTEMP. (GR.C): SCHOUWENBANK (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881	4.2H	3.1H	4.5H	6.6H	10.1H	13.9H	17.4H	17.7H	16.8H	12.6H	9.6H	7.5H	10.3H
1882	6.3	5.2	7.1	9.2	12.2	14.5	16.5	17.8	16.5	14.6	10.5	6.9	11.4
1883	6.7	6.8	5.7	7.0	10.4	14.7	17.1	17.5	17.1	14.0	10.6	7.0	11.2
1884	6.1	6.7	6.8	8.7	11.4	14.3	17.9	19.7	18.4	15.0	10.7	7.0	11.9
1885	4.0*	4.9	5.8	6.0	10.9	14.7	16.4	17.8	16.4	13.0	9.0	6.6	10.6
1886	3.9	3.3	5.0	7.3	10.4	13.9	16.4	17.6	17.8	14.4	10.4	6.9	10.4
1887	3.6	3.0	3.2	5.7	9.3	13.6	17.1	18.2	16.4	12.7	8.7	6.4	9.8
1888	4.0	2.7	2.5	4.8	9.4	13.3	15.5	16.4	16.1	12.7	9.1	7.9	9.5
1889	5.1	4.2	4.0	6.5	11.3	15.8	17.9	17.8	16.7	13.4	10.4	5.9	10.8
1890	5.0	4.0	4.0	7.0	11.3	14.4	16.4	17.9	17.2	14.9	10.3	4.9	10.7
1891	1.9	2.3	3.8	5.3	9.7	13.6	17.1	17.4	17.3	14.9	10.2	8.0	10.2
1892	5.0	4.0	5.7	6.4	10.0	14.1	16.6	17.4	16.8	12.9	10.1	6.6	10.3
1893	3.6	3.6	5.8	6.3	11.9	15.2	18.0	19.1	17.3	13.7	9.4	6.4	11.0
1894	3.2	4.6	5.8	9.1	11.2	13.5	17.0	17.3	15.7	13.2	10.6	7.3	10.7
1895	4.0	1.2	2.2	5.3	9.5	13.4	16.6	17.6	17.7	14.1	9.7	6.0	9.8
1896	4.2	4.1	5.4	7.9	10.7	15.0	17.7	17.8	16.8	12.7	8.4	5.1	10.5
1897	3.3	2.4	6.0	8.1	10.7	14.3	16.9	18.5	16.0	13.6	10.0	6.3	10.5
1898	5.5	5.3	4.9	7.2	10.6	15.8	15.9	17.7	17.9	14.8	11.4	8.4	11.1
1899	6.4	5.5	5.5	7.5	10.5	13.9	17.6	18.7	17.3	12.9	10.9	7.0	11.1
1900	4.0	3.9	4.6	6.6	9.8	13.9	17.2	17.9	17.3	14.5	10.6	7.9	10.8
1901	5.0	3.5	3.9	6.4	10.1	13.5	16.8	18.3	15.6	12.9	10.0	6.7	10.2
1902	5.8	3.8	4.5	7.0	9.3	13.3	16.5	17.0	16.4	12.8	9.4	4.7	10.0
1903	4.0	4.8	7.0	7.8	10.0	13.1	15.8	16.9	16.0	13.8	10.7	6.2	10.5
1904	3.5	4.7	4.9	7.3	10.7	13.9	17.4	18.8	16.7	13.7	10.7	7.5	10.8
1905	5.1	4.6	5.8	8.0	10.6	14.2	17.6	18.3	16.1	11.9	8.3	6.3	10.6
1906	5.0	4.5	4.9	6.6	9.6	12.8	16.1	18.0	17.3	15.0	10.9	7.2	10.7
1907	4.0*	2.3*	3.9	6.6	10.2	13.4	16.0	16.4	16.2	14.5	11.0	7.7	10.2.
1908	3.5	3.6	4.3	6.3	10.1	14.1	16.7	17.1	15.4	14.4	10.3	6.6	10.2
1909	4.1	3.2	3.0	6.3	10.2	13.1	15.2	17.2	15.9	14.3	10.1	6.5	9.9
1910	5.6	5.4	6.9	8.1	10.7	14.9	16.1	17.3	16.5	14.7	9.5	7.4	11.1
1911	5.7	4.9	5.8	6.5	10.7	14.5	17.0	19.8	18.9	14.2	10.2	7.1	11.3
1912	6.4	4.7	7.5	8.8	11.7	14.9	17.9	16.4	14.3	12.3	9.5	7.5	11.0
1913	6.4	6.0	6.1	8.0	11.3	14.4	15.5	16.6	16.7	15.0	11.7	8.7	11.4
1914	4.7	4.4	6.7	9.3	11.4	13.7	17.2	17.7	16.9	13.6	10.3	7.2	11.1
1915	5.9	5.1	5.5	7.0	10.2	13.7	16.0	17.3	16.4	13.5	9.1	6.3	10.5
1916	7.3	6.6	5.2	7.0	11.4	13.3	15.6	17.3	16.2	13.6	9.9	6.0	10.7
1917	4.3	1.4*	2.6H	4.4H	9.0H	14.8H	17.2H	17.6H	16.7H	13.0H	9.6H	5.7H	9.7*
1918	5.3H	4.3H	5.0H	7.0H	10.8H	13.9H	16.1H	17.3H	15.9H	12.9H	9.7H	7.8H	10.3H
1919	5.8H	3.7H	4.9H	6.4H	10.4H	13.8H	14.9H	16.6H	16.6H	12.7H	7.4H	5.5H	9.9H
1920	5.0H	5.9H	6.9H	9.2H	11.8H	14.8H	17.2H	16.9H	15.9H	13.7H	8.9H	5.8H	11.0H
1921	5.9H	5.0H	6.8H	8.6H	11.7H	14.5H	17.2H	18.3H	17.3	16.0	9.9	6.1	11.5*
1922	4.4	3.1	5.5	6.4	10.2	14.3	15.4	16.4	15.4	12.7	8.4	6.9	9.9
1923	5.6	5.4	6.6	8.0	10.3	12.2	16.0	17.5	15.6	13.3	9.4	5.4	10.4
1924	3.2	3.7	5.5	5.2	10.3	14.5	16.9	16.9	15.7	13.6.	9.8.	7.2	10.0
1925	6.2	5.9	5.8	7.0	10.6*	14.5	16.7	17.5	15.3	12.9	9.8	5.0	10.6
1926	4.9	5.5	6.7	8.2	10.2	13.4	16.9*	17.3	17.8	14.2	9.3	7.0	11.0
1927	5.1	4.4	6.2	8.5	10.7	13.4	16.0	17.6*	16.2	13.1	10.0	5.8	10.6
1928	3.8	5.7	5.9	7.4	9.9	13.3	16.8	17.9	17.3	13.5	10.7	7.1	10.8
1929	4.2	1.3	1.4	4.2	8.0	12.7	15.5*	17.2	17.7	14.5	9.6	8.1	9.5
1930	7.1	5.5	5.2	7.2	10.7	14.7	17.0	16.9	17.0	13.9	10.2	7.5	11.1
1931	5.9	4.8	4.3	6.4	10.4	12.7	16.1	17.0	15.5	13.9	10.2	8.0	10.4
1932	6.7	5.4	4.5	6.8	10.2	13.1	16.5	18.3	18.0	13.5	10.1	6.3	10.8
1933	4.2	3.1	4.7	7.3	10.1	13.7*	16.8	18.4	17.3	14.5	9.7	4.4	10.4
1934	2.2	2.8	3.7	6.3	9.0	13.5	17.4H	18.4H	18.1H	15.1H	10.6H	9.0H	10.5*
1935	6.9H	5.8H	5.8H	7.6H	10.2H	14.0H	17.9H	18.8H	17.6H	14.1H	10.7H	6.9H	11.4H
1936	5.9H	4.8H	5.0H	7.5H	10.9H	14.2H	17.0H	18.1H	17.7H	13.9H	10.0H	6.9H	11.0H
1937	5.6H	5.5H	5.6H	7.9H	11.1H	14.9H	17.2H	18.2H	17.3H	14.6H	10.8H	7.0H	11.3H
1938	5.6H	5.1H	6.2H	7.7H	10.0H	13.8H	16.4H	18.5H	17.6H	14.7H	11.9H	7.4H	11.2H
1939	5.1H	5.0H	5.7H	7.9H	10.7H	14.7H	17.1H	18.5H	18.9H	13.9H	10.4H	6.9H	11.2H
1940	2.4H	0.9H	3.0H	6.2H	10.5H	14.7H	17.1H	17.3H	16.2H	13.4H	10.4H	6.4H	9.9H

WATERTEMP. (GR.C): SCHOUWENBANK (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	4.9.	4.5	4.7	7.1	10.7	14.3	16.9	17.8	16.9	13.7	9.9	6.7	10.7.
1891-1900	4.2	3.7	4.8	7.5	10.5	14.1	17.0	17.9	17.0	13.7	10.1	6.9	10.6
1901-1910	4.6	4.0	4.9	7.1	10.1	13.6	16.4	17.5	16.2	13.8	10.1	6.7	10.4
1911-1920	5.5.	4.6*	5.6*	7.4*	10.9*	14.2*	16.5*	17.4*	16.5*	13.5*	9.6*	6.8*	10.7*
1921-1930	5.0	4.0	5.4	7.1	10.3.	13.7	16.4.	17.4.	16.5	13.8	9.7	6.6	10.5
1931-1940	5.0*	4.3*	4.9*	7.2*	10.3*	13.9*	16.9*	18.1*	17.4*	14.2*	10.5*	6.9*	10.8*

WATERTEMP. (GR.C): MAAS (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	-	-	-	-	-	-	-	-	-	-	-	-	-
1887	-	-	-	-	-	-	-	-	-	-	-	-	-
1888	-	-	-	-	-	-	-	-	-	-	-	-	-
1889	-	-	-	-	-	-	-	-	-	-	-	-	-
1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891	1.1H	2.0H	3.6H	5.9H	9.3H	12.9H	16.2	16.8	16.7	14.4	9.5	6.8	9.6*
1892	4.6	3.9	3.1	5.9	9.3	13.3	16.2	17.0	16.2	12.5	10.0	6.5	9.9
1893	3.4	3.3	5.3	7.8	11.2	14.4	17.0	18.2	16.1	13.2	8.6	5.7	10.4
1894	2.9	3.3	5.1	8.2	10.4	12.8	16.0	16.4	14.7	12.2	9.6	6.6	9.9
1895	3.1	1.0	2.4	5.8	9.9	13.5	16.6	17.9	17.7	14.5	10.4	6.4	9.9
1896	4.6	4.6	5.8	7.4	10.5	15.0	17.3	17.4	16.6	12.8.	8.0	5.2	10.4
1897	3.1	2.8	5.0	8.0	10.6	14.3	16.7	18.6	16.1	13.5	10.2	6.8	10.5
1898	5.6	5.4	5.1	7.3	10.7	13.7	15.6	17.6	17.7	14.7	11.5	8.7	11.1
1899	6.0	5.4	5.8	7.5	10.5	14.2	17.6	18.5	17.3	12.9	11.2	6.9	11.2
1900	4.5	4.1	4.7	6.8	9.7	13.9	17.0	18.1	17.1	14.6	10.4	8.2	10.8
1901	4.8	3.5	3.9	6.2	9.7	13.4	17.3	18.4	16.2	14.0	9.9	6.6	10.3
1902	5.5	3.3	4.6	6.5	8.9	13.0	16.1	16.5	16.0	12.1	9.2	4.8	9.7
1903	3.9	4.8	6.5	7.4	10.2	13.3	15.7	16.7	15.9	13.7	10.5	6.1	10.4
1904	3.7	4.1	4.7	7.4	10.4	13.7	17.2	18.4	16.6	13.4	10.7	7.9	10.7
1905	5.1	4.4	5.4	7.5	10.5	14.3	17.7	18.1	16.1	11.5	8.4	6.3	10.4
1906	4.7	4.2	4.8	6.8	9.9	13.3	16.1	18.0	17.0	15.0	11.1	6.2	10.6
1907	3.8	2.1	3.7	5.9	9.8	12.3	14.2	15.4	15.2	13.6	10.4	7.4	9.5
1908	3.5	3.6	4.0	6.2	9.7	14.2	16.7	17.2	15.5	14.1	9.8	6.9	10.1
1909	4.2	3.1	2.9	6.4	10.3	13.1	15.2	17.2	15.9	14.5	9.8	6.1	9.9
1910	5.1	4.6	6.4	7.3	11.0	13.0	16.1	17.3	16.2	14.2	9.2	6.4	10.8
1911	4.9	4.5	5.2	6.0	10.4	13.9	16.7	19.0	18.2	13.7	9.6	6.8	10.7
1912	5.6	4.2	7.0	8.7	11.5	14.5	18.1	16.9	14.1	12.0	9.4	7.2	10.8
1913	5.5	5.3	5.5	7.4	11.2	14.3	15.5	16.5	16.6	14.8	11.9	8.7	11.1
1914	4.4	4.1	6.0	9.1	11.3	13.9	17.3	18.0	16.9	13.6	10.5	7.2	11.0
1915	5.8	4.9	5.2	7.3	10.7	13.9	15.9	17.3	16.2	13.3	9.0	6.3	10.5
1916	6.6	5.6	5.1	7.4	11.3	13.0	15.4	17.0	16.0	13.7	9.8	6.4	10.6
1917	4.1	1.2	2.2	4.2	9.6H	14.7H	17.0H	17.5H	16.5H	12.9H	9.5H	5.6H	9.5*
1918	3.1H	4.1H	4.8H	6.8H	10.8H	13.8H	15.9H	17.2H	15.7H	12.8H	9.6H	7.7H	10.2H
1919	5.6H	3.5	4.5	6.0	10.5	13.5	14.5	16.4	16.5	12.5	7.3	5.2	9.7
1920	4.8	5.9	6.6	9.0	11.8	14.6	16.7	16.6	15.5	13.7	9.3	6.2	10.9
1921	5.4	5.2	6.4	8.1	11.0	14.1	16.7	18.0	17.1	15.7	9.7	6.8	11.2
1922	4.3	2.7	4.8	6.2	10.1	14.1	15.3	16.2	15.2	12.2	8.2	6.7.	9.7
1923	5.2	5.0	6.0	7.8	10.0	11.8	15.7	17.1.	15.6	13.1.	8.9	5.5	10.1
1924	3.0	3.1	3.5	5.4	9.7	14.3	16.6	16.7	15.7	13.5	9.7	7.7	9.9
1925	5.7	5.9	5.7	7.1	10.6	14.8	17.2	18.2	16.1	13.9	9.5	5.3	10.8
1926	4.3	5.3.	6.4	8.1	10.4	13.4	16.9	17.5	17.7	13.6	9.2	6.6	10.8
1927	5.4	4.5	6.0	8.4	10.9	13.1.	16.1	17.7	16.4	13.3	10.1	5.3	10.6
1928	3.6	5.2	5.0	7.3	10.2	13.1	16.6	17.7	17.1	13.7	10.6	6.9	10.6
1929	3.5.	1.3	1.7	4.5	8.3	12.6	15.5	17.3	17.9	14.5	9.9	7.7	9.6
1930	6.7	5.0	5.1	7.3	10.2	14.7	16.8	16.9	16.6	13.7	10.0	7.0	10.8
1931	5.6	4.5.	4.2	6.3	10.3	14.2	17.0	17.0	15.3	13.6	10.2	7.8	10.5
1932	6.4	4.9	4.4	6.4	10.0	13.5	16.9	19.0	17.8	13.7	9.9	7.1	10.8
1933	5.0	3.6	4.7	7.3	10.0	13.6	16.7	18.1	17.0	14.6	10.1	4.6	10.4
1934	3.6	3.7	4.7	6.9	10.2	13.8	17.0	18.3	18.0	15.0	10.5	8.9	10.9
1935	6.8	5.4	5.5.	7.3.	10.6.	13.9.	17.6.	18.5.	17.4.	13.6.	10.5.	7.0.	11.2.
1936	5.5.	4.7.	5.3.	7.3.	10.9.	14.1.	16.7.	17.9.	17.4.	13.7.	9.6.	6.7.	10.8.
1937	5.6.	5.3	5.4	7.6	11.2	14.9	17.1	18.1	17.1	14.6	11.0	7.1	11.2
1938	5.6	4.8	5.9	7.5	9.9	13.7	16.6	18.6	17.4	14.3	11.8	7.2	11.1
1939	4.5	4.9	5.4	7.6	10.7	14.6	16.6	18.6	18.7H	13.8H	10.3H	6.8H	11.1.
1940	2.2H	0.7H	2.8H	6.0H	10.5H	14.6H	16.9H	17.2H	16.0H	13.3H	10.3H	6.3H	9.7H

WATERTEMP. (GR.C): MAAS (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	3.9	3.6	4.7	7.1	10.2	13.8	16.6	17.7	16.6	13.5	9.9	6.8	10.4
1901-1910	4.4	3.8	4.7	6.8	10.0	13.6	16.2	17.3	16.1	13.6	9.9	6.5	10.2
1911-1920	5.0.	4.3	5.2	7.2	10.9.	14.0.	16.3.	17.2.	16.2.	13.3.	9.6.	6.7.	10.5.
1921-1930	4.7	4.3	5.1	7.0	10.1	13.6	16.3	17.3	16.5	13.7	9.6	6.6	10.4
1931-1940	5.1.	4.3.	4.8.	7.0.	10.4.	14.1.	16.9.	18.1.	17.2.	14.0.	10.4.	7.0.	10.8.

WATERTEMP. (GR.C): SCHOUWENBANK (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
GEM	4.8	4.2	4.9	7.1	10.3	13.9	16.7	17.7	16.9	14.1	10.3	7.0	
1881	-0.6H	-1.1H	-0.4H	-0.5H	-0.2H	0.0H	0.7H	0.0H	-0.1H	-1.5H	-0.7H	0.5H	-0.3H
1882	1.5	1.0	2.2	2.1	1.9	0.6	-0.2	0.1	-0.4	0.5	0.2	-0.1	0.8
1883	1.9	2.6	0.8	-0.1	0.1	0.8	0.4	-0.2	0.2	-0.1	0.3	0.0	0.6
1884	1.3	2.5	1.9	1.6	1.1	0.4	1.2	2.0	1.5	0.9	0.4	0.0	1.2
1885	-0.8*	0.7	0.9	0.9	0.6	0.8	-0.3	0.1	-0.5	-1.1	-1.3	-0.4	-0.0
1886	-0.9	-0.9	-1.9	0.2	0.1	0.0	-0.3	-0.1	0.9	0.3	0.1	-0.1	-0.2
1887	-1.2	-1.2	-1.7	-1.4	-1.0	-0.3	0.4	0.5	-0.5	-1.4	-1.6	-0.6	-0.8
1888	-0.8	-1.5	-2.4	-2.3	-0.9	-0.6	-1.2	-1.3	-0.8	-1.4	-1.2	0.9	-1.1
1889	0.3	0.0	-0.9	-0.6	1.0	1.9	1.2	0.1	-0.2	-0.7	0.1	-1.1	0.1
1890	0.2	0.4	-0.3	-0.1	1.0	0.5	-0.3	0.2	0.3	0.8	0.0	-2.1	0.0
1891	-2.9	-1.9	-1.1	-0.8	-0.6	-0.3	0.4	-0.3	0.4	0.8	-0.1	1.0	-0.5
1892	0.2	-0.2	-1.2	-0.7	-0.3	0.2	-0.1	-0.3	-0.1	-1.2	-0.2	-0.4	-0.4
1893	-1.2	-0.6	0.9	1.2	1.6	1.3	1.3	1.4	0.4	-0.4	-0.9	-0.6	0.4
1894	-1.6	0.4	0.9	2.0	0.9	-0.4	0.3	-0.4	-1.2	-0.9	0.3	0.3	0.0
1895	-0.8	-3.0	-2.7	-1.3	-0.8	-0.5	-0.1	-0.1	0.8	0.0	-0.6	-1.0	-0.8
1896	-0.6	-0.1	0.5	0.3	0.4	1.1	1.0	0.1	-0.1	-1.4	-1.9	-1.9	-0.2
1897	-1.5	-1.8	1.1	1.0	0.4	0.4	0.2	0.8	-0.9	-0.5	-0.3	-0.7	-0.2
1898	0.7	1.1	0.0	0.1	0.3	-0.1	-0.8	0.0	1.0	0.7	1.1	1.4	0.5
1899	1.6	1.3	0.0	0.4	0.2	0.0	0.3	1.0	0.4	-1.2	0.6	0.0	0.4
1900	-0.2	-0.3	-0.1	-0.5	-0.5	0.0	0.5	0.2	0.4	0.4	0.3	0.9	0.1
1901	0.2	-0.7	-1.0	-0.7	-0.2	-0.4	0.1	0.6	-1.3	-1.2	-0.3	-0.3	-0.4
1902	1.0	-0.4	-0.4	-0.1	-1.0	-0.6	-0.2	-0.7	-0.5	-1.3	-0.9	-2.3	-0.6
1903	-0.8	0.6	2.1	0.7	-0.3	-0.8	-0.9	-0.8	-0.9	-0.3	0.4	-0.8	-0.2
1904	-1.3	0.5	0.0	0.2	0.4	0.0	0.7	1.1	-0.2	-0.4	0.4	0.5	0.2
1905	0.3	0.4	0.9	0.9	0.3	0.3	0.9	0.6	-0.8	-2.2	-2.0	-0.7	-0.1
1906	0.2	0.3	0.0	-0.5	-0.7	-1.1	-0.6	0.3	0.4	0.9	0.6	0.2	-0.0
1907	-0.8*	-1.9*	-1.0	-0.5	-0.1	-0.5	-0.7	-1.3	-0.7	0.4	0.7	0.7	-0.5.
1908	-1.3	-0.6	-0.6	-0.3	-0.2	0.2	0.0	-0.6	-1.5	0.3	0.0	-0.4	-0.5
1909	-0.7	-1.0	-1.9	-0.6	-0.1	-0.8	-1.5	-0.5	-1.0	0.2	-0.2	-0.5	-0.7
1910	0.8	1.2	2.0	1.0	0.4	1.0	-0.6	-0.4	-0.4	0.6	-0.8	0.4	0.4
1911	0.9	0.7	0.9	-0.6	0.4	0.6	0.3	2.1	2.0	0.1	-0.1	0.1	0.6
1912	1.6	0.5	2.0	1.7	1.4	1.0	1.2	-1.3	-2.6	-1.8	-0.8	0.5	0.3
1913	1.6	1.8	1.2	0.9	1.0	0.5	-1.2	-1.1	-0.2	0.9	1.4	1.7	0.7
1914	-0.1	0.2	1.8	2.2	1.1	-0.2	0.5	0.0	0.0	-0.5	0.0	0.2	0.4
1915	1.1	0.9	0.4	-0.1	-0.1	-0.2	-0.7	-0.4	-0.5	-0.6	-1.2	-0.7	-0.2
1916	2.5	1.8	0.5	-0.1	1.1	-0.6	-1.1	-0.4	-0.7	-0.5	-0.4	-1.0	0.1
1917	-0.5	-2.8*	-2.3H	-2.7H	-1.3H	0.9H	0.5H	-0.1H	-0.2H	-1.1H	-0.7H	-1.3H	-1.0*
1918	-1.5H	0.1H	0.1H	-0.1H	0.5H	0.0H	-0.6H	-0.4H	-1.0H	-1.2H	-0.6H	0.8H	-0.3H
1919	1.0H	-0.5H	0.0H	-0.7H	0.1H	-0.1H	-1.6H	-1.1H	-0.3H	-1.4H	-2.9H	-1.5H	-0.8H
1920	0.2H	1.7H	2.0H	2.1H	1.5H	0.9H	0.5H	-0.8H	-1.0H	-0.4H	-1.4H	-1.2H	0.3H
1921	1.1H	1.4H	1.9H	1.5H	1.4H	0.6H	0.5H	0.6H	0.4	1.9	-0.4	-0.9	0.8*
1922	-0.4	-1.1	0.6	-0.7	-0.1	0.4	-1.3	-1.3	-1.5	-1.4	-1.9	-0.1	-0.7
1923	0.8	1.2	1.7	0.9	0.0	-1.7	-0.7	-0.2	-1.3	-0.8	-0.9	-1.6	-0.2
1924	-1.6	-0.5	-1.4	-1.9	0.0	0.6	0.2	-0.8	-1.2	-0.5.	-0.5.	0.2	-0.6
1925	1.4	1.7	0.9	-0.1	0.5*	0.0	0.0	-0.2	-1.6	-1.2	-0.5	-2.0	-0.1
1926	0.1	1.3	1.8	1.1	-0.1	-0.5	0.2*	-0.4	0.9	0.1	-1.0	0.0	0.3
1927	0.3	0.2	1.5	1.4	0.4	-0.5	-0.7	-0.1*	-0.7	-1.0	-0.3	-1.2	-0.1
1928	-1.0	1.5	1.0	0.3	-0.4	-0.6	0.1	0.2	0.4	-0.6	0.4	0.1	0.1
1929	-0.6	-2.9	-3.5	-2.9	-2.3	-1.2	-1.2*	-0.5	0.8	0.4	-0.7	1.1	-1.1
1930	2.3	1.3	0.5	0.1	0.4	0.8	0.3	-0.8	0.1	-0.2	-0.1	0.5	0.4
1931	1.1	0.6	-0.6	-0.7	0.1	-1.2	-0.6	-0.7	-1.4	-0.2	-0.1	1.0	-0.2
1932	1.9	1.2	-0.4	-0.3	-0.1	-0.8	-0.2	0.6	1.1	-0.6	-0.2	-0.7	0.1
1933	-0.6	-1.1	-0.2	0.2	-0.2	-0.2*	0.1	0.7	0.4	0.4	-0.6	-2.6	-0.3
1934	-2.6	-1.4	-1.2	-0.8	-1.3	-0.4	0.7H	0.7H	1.2H	1.0H	0.3H	2.0H	-0.2*
1935	2.1H	1.6H	0.9H	0.5H	-0.1H	0.1H	1.2H	1.1H	0.7H	0.0H	0.4H	-0.1H	0.7H
1936	1.1H	0.6H	0.7H	0.4H	0.6H	0.3H	0.3H	0.4H	0.8H	-0.2H	-0.3H	-0.1H	0.4H
1937	0.8H	1.3H	0.7H	0.6H	0.8H	1.0H	0.5H	0.5H	0.4H	0.5H	0.5H	0.0H	0.7H
1938	0.8H	0.9H	1.3H	0.6H	-0.3H	-0.1H	-0.3H	0.8H	0.7H	0.6H	1.6H	0.4H	0.6H
1939	0.3H	0.8H	0.8H	0.8H	0.4H	0.3H	0.4H	0.8H	2.0H	-0.2H	0.1H	-0.1H	0.6H
1940	-2.4H	-3.3H	-1.9H	-0.9H	0.2H	0.8H	0.4H	-0.4H	-0.7H	-0.7H	0.1H	-0.6H	-0.8H

WATERTEMP. (GR.C): SCHOUWENBANK (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	0.1.	0.3	-0.2	-0.1	0.4	0.4	0.2	0.1	0.0	-0.4	-0.4	-0.3	0.0.
1891-1900	-0.6	-0.5	-0.1	0.2	0.2	0.2	0.3	0.2	0.1	-0.4	-0.2	-0.1	-0.1
1901-1910	-0.2	-0.2	0.0	-0.0	-0.2	-0.3	-0.3	-0.2	-0.7	-0.3	-0.2	-0.3	-0.2
1911-1920	0.7.	0.4*	0.7*	0.3*	0.6*	0.3*	-0.2*	-0.4*	-0.5*	-0.7*	-0.7*	-0.2*	0.0*
1921-1930	0.2	0.4	0.5	-0.0	-0.0.	-0.2	-0.3.	-0.4.	-0.4	-0.3	-0.6	-0.4	-0.1
1931-1940	0.3*	0.1*	0.0*	0.1*	0.0*	0.0*	0.3*	0.5*	0.5*	0.1*	0.2*	-0.1*	0.2*

WATERTEMP. (GR.C): MAAS (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
GEM	4.6	4.0	4.7	6.9	10.3	13.8	16.5	17.6	16.7	14.0	10.2	6.9	
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	-	-	-	-	-	-	-	-	-	-	-	-	-
1887	-	-	-	-	-	-	-	-	-	-	-	-	-
1888	-	-	-	-	-	-	-	-	-	-	-	-	-
1889	-	-	-	-	-	-	-	-	-	-	-	-	-
1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891	-3.5H	-2.0H	-1.1H	-1.1H	-1.0H	-0.9H	-0.3	-0.8	0.0	0.4	-0.7	-0.1	-0.9*
1892	0.0	-0.1	-1.0	-1.0	-1.0	-0.5	-0.3	-0.6	-0.5	-1.5	-0.2	-0.4	-0.6
1893	-1.2	-0.7	0.6	0.9	0.9	0.6	0.5	0.6	-0.6	-0.8	-1.6	-1.2	-0.2
1894	-1.7	-0.7	0.4	1.3	0.1	-1.0	-0.5	-1.2	-2.0	-1.8	-0.6	-0.3	-0.7
1895	-1.5	-3.0	-2.3	-1.1	-0.4	-0.3	0.1	0.3	1.0	0.5	0.2	-0.5	-0.6
1896	0.0	0.6	1.1	0.5	0.2	1.2	0.8	-0.2	-0.1	-1.2.	-2.2	-1.7	-0.1
1897	-1.5	-1.2	0.9	1.1	0.3	0.5	0.2	1.0	-0.6	-0.5	0.0	-0.1	0.0
1898	1.0	1.4	0.4	0.4	0.4	-0.1	-0.9	0.0	1.0	0.7	1.3	1.8	0.6
1899	1.4	1.4	1.1	0.6	0.2	0.4	1.1	0.9	0.6	-1.1	1.0	0.0	0.6
1900	-0.1	0.1	0.0	-0.1	-0.6	0.1	0.5	0.5	0.4	0.6	0.2	1.3	0.2
1901	0.2	-0.5	-0.8	-0.7	-0.6	-0.4	0.8	0.8	-0.5	0.0	-0.3	-0.3	-0.2
1902	0.9	-0.7	-0.1	-0.4	-1.4	-0.8	-0.4	-1.1	-0.7	-1.9	-1.0	-2.1	-0.8
1903	-0.7	0.8	1.8	0.5	-0.1	-0.5	-0.8	-0.9	-0.8	-0.3	0.3	-0.8	-0.1
1904	-0.9	0.1	0.0	0.5	0.1	-0.1	0.7	0.8	-0.1	-0.6	0.5	1.0	0.2
1905	0.5	0.4	0.7	0.4	0.2	0.5	1.2	0.5	-0.6	-2.5	-1.8	-0.6	-0.1
1906	0.1	0.2	0.1	-0.1	-0.4	-0.5	-0.4	0.4	0.3	1.0	0.9	-0.7	0.1
1907	-0.8	-1.9	-1.0	-1.0	-0.5	-1.5	-2.3	-2.2	-1.5	-0.4	0.2	0.5	-1.0
1908	-1.1	-0.4	-0.7	-0.7	-0.6	0.4	0.2	-0.4	-1.2	0.1	-0.4	0.0	-0.4
1909	-0.4	-0.9	-1.8	-0.5	0.0	-0.7	-1.3	-0.4	-0.8	0.5	-0.4	-0.8	-0.6
1910	0.5	0.6	1.7	0.9	0.7	1.2	-0.4	-0.3	-0.5	0.2	-1.0	-0.5	0.3
1911	0.3	0.5	0.5	-0.9	0.1	0.1	0.2	1.4	1.5	-0.3	-0.6	-0.1	0.2
1912	1.0	0.2	2.3	1.8	1.2	0.7	1.6	-0.7	-2.6	-2.0	-0.8	0.3	0.3
1913	0.9	1.3	0.8	0.5	0.9	0.5	-1.0	-1.1	-0.1	0.8	1.7	1.8	0.6
1914	-0.2	0.1	1.3	2.2	1.0	0.1	0.8	0.4	0.2	-0.4	0.3	0.3	0.5
1915	1.2	0.9	0.5	0.4	0.4	0.1	-0.6	-0.3	-0.5	-0.7	-1.2	-0.6	-0.0
1916	2.0	1.6	0.4	0.5	1.0	-0.8	-1.1	-0.6	-0.7	-0.3	-0.4	-0.5	0.1
1917	-0.5	-2.8	-2.5	-2.7	-1.3H	0.9H	0.5H	-0.1H	-0.2H	-1.1H	-0.7H	-1.3H	-1.0*
1918	-1.5H	0.1H	0.1H	-0.1H	0.5H	0.0H	-0.6H	-0.4H	-1.0H	-1.2H	-0.6H	0.8H	-0.3H
1919	1.0H	-0.5	-0.2	-0.9	0.2	-0.3	-2.0	-1.2	-0.2	-1.5	-2.9	-1.7	-0.9
1920	0.2	1.9	1.9	2.1	1.5	0.8	0.2	-1.0	-1.2	-0.3	-0.9	-0.7	0.4
1921	0.8	1.2	1.7	1.2	0.7	0.3	0.2	0.4	0.4	1.7	-0.5	-0.1	0.7
1922	-0.3	-1.3	0.1	-0.7	-0.2	0.3	-1.2	-1.4	-1.5	-1.8	-2.0	-0.2.	-0.9
1923	0.6	1.0	1.5	0.9	-0.3	-2.0	-0.8	-0.5.	-1.1	-0.9.	-1.3	-1.4	-0.4
1924	-1.6	-0.9	-1.2	-1.5	-1.6	0.5	0.1	-0.9	-1.0	-0.5	-0.5	0.8	-0.6
1925	1.1	1.9	1.0	0.2	0.3	1.0	0.7	0.6	-0.6	-0.1	-0.7	-1.6	0.3
1926	-0.3	1.3.	1.7	1.2	0.1	-0.4	0.4	-0.1	1.0	-0.4	-1.0	-0.3	0.3
1927	0.8	0.5	1.3	1.5	0.6	-0.7.	-0.4	0.1	-0.3	-0.7	-0.1	-1.6	0.1
1928	-1.0	1.2	0.9	0.4	-0.1	-0.7	0.1	0.1	0.4	-0.3	0.4	0.0	0.1
1929	-1.1.	-2.7	-3.0	-2.4	-2.0	-1.2	-1.0	-0.3	1.2	0.5	-0.3	0.8	-1.0
1930	2.1	1.0	0.4	0.4	-0.1	0.9	0.3	-0.7	-0.1	-0.3	-0.2	0.1	0.3
1931	1.0	0.5.	-0.5	-0.6	0.0	0.4	0.5	-0.6	-1.4	-0.4	0.0	0.9	-0.0
1932	1.8	0.9	-0.3	-0.5	-0.3	-0.3	0.4	1.4	1.1	-0.3	-0.3	0.2	0.3
1933	0.4	-0.4	0.0	0.4	-0.3	-0.2	0.2	0.5	0.3	0.6	-0.1	-2.3	-0.1
1934	-1.0	-0.3	0.0	0.0	-0.1	0.0	0.5	0.7	1.3	1.0	0.3	2.0	0.4
1935	2.2	1.4	0.8.	0.4.	0.3.	0.1.	1.1.	0.9.	0.7.	-0.4.	0.3.	0.1.	0.7.
1936	0.9.	0.7.	0.6.	0.4.	0.6.	0.3.	0.2.	0.3.	0.7.	-0.3.	-0.6.	-0.2.	0.3.
1937	1.0.	1.3	0.7	0.7	0.9	1.1	0.6	0.5	0.4	0.6	0.8	0.2	0.7
1938	1.0	0.8	1.2	0.6	-0.4	-0.1	0.1	1.0	0.7	0.3	1.6	0.3	0.6
1939	-0.1	0.9	0.7	0.7	0.4	0.8	0.3	1.0	2.0H	-0.2H	0.1H	-0.1H	0.5.
1940	-2.4H	-3.3H	-1.9H	-0.9H	0.2H	0.8H	0.4H	-0.4H	-0.7H	-0.7H	0.1H	-0.6H	-0.8H

WATERTEMP. (GR.C): MAAS (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	-0.7	-0.4	-0.1	0.2	-0.1	-0.0	0.1	0.1	-0.1	-0.5	-0.3	-0.1	-0.2
1901-1910	-0.2	-0.2	-0.0	-0.1	-0.3	-0.2	-0.3	-0.3	-0.6	-0.4	-0.3	-0.4	-0.3
1911-1920	0.4.	0.3	0.5	0.3	0.6.	0.2.	-0.2.	-0.4.	-0.5.	-0.7.	-0.6.	-0.2.	-0.0.
1921-1930	0.1	0.3	0.4	0.1	-0.2	-0.2	-0.2	-0.3	-0.2	-0.3	-0.6	-0.4	-0.1
1931-1940	0.5.	0.3.	0.1.	0.1.	0.1.	0.3.	0.4.	0.5.	0.5.	0.0.	0.2.	0.1.	0.3.

WATERTEMP. (SIGMA) SCHOUWENBANK (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
GEM	4.8	4.2	4.9	7.1	10.3	13.9	16.7	17.7	16.9	14.1	10.3	7.0	
SIGMA	1.19	1.31	1.35	1.00	0.71	0.71	0.66	0.72	0.84	0.90	0.82	1.00	
1881	-0.5H	-0.8H	-0.3H	-0.5H	-0.3H	0.0H	1.1H	0.0H	-0.1H	-1.7H	-0.9H	0.5H	-0.3H
1882	1.3	0.8	1.6	2.1	2.7	0.8	-0.3	0.1	-0.5	0.6	0.2	-0.1	0.8
1883	1.6	2.0	0.0	-0.1	0.1	1.1	0.6	-0.3	0.2	-0.1	0.4	0.0	0.5
1884	1.1	1.9	1.4	1.6	1.5	0.6	1.8	2.8	1.8	1.0	0.5	0.0	1.3
1885	-0.7*	0.5	0.7	0.9	0.8	1.1	-0.5	0.1	-0.6	-1.2	-1.6	-0.4	-0.1
1886	-0.8	-0.7	-1.4	0.2	0.1	0.0	-0.5	-0.1	1.1	0.3	0.1	-0.1	-0.1
1887	-1.0	-0.9	-1.3	-1.4	-1.4	-0.4	0.6	0.7	-0.6	-1.6	-2.0	-0.6	-0.8
1888	-0.7	-1.1	-1.8	-2.3	-1.3	-0.8	-1.8	-1.8	-1.0	-1.6	-1.5	0.9	-1.2
1889	0.3	0.0	-0.7	-0.6	1.4	2.7	1.8	0.1	-0.2	-0.8	0.1	-1.1	0.3
1890	0.2	0.3	-0.2	-0.1	1.4	0.7	-0.5	0.3	0.4	0.9	0.0	-2.1	0.1
1891	-2.4	-1.5	-0.8	-0.8	-0.8	-0.4	0.6	-0.4	0.3	0.9	-0.1	1.0	-0.4
1892	0.2	-0.2	-0.9	-0.7	-0.4	0.3	-0.2	-0.4	-0.1	-1.3	-0.2	-0.4	-0.4
1893	-1.0	-0.5	0.7	1.2	2.3	1.8	2.0	1.9	0.5	-0.4	-1.1	-0.6	0.6
1894	-1.3	0.3	0.7	2.0	1.3	-0.0	0.5	-0.6	-1.4	-1.0	0.4	0.3	0.0
1895	-0.7	-2.3	-2.0	-1.3	-1.1	-0.7	-0.2	-0.1	1.0	0.0	-0.7	-1.0	-0.8
1896	-0.5	-0.1	0.4	0.8	0.6	1.5	1.5	0.1	-0.1	-1.6	-2.3	-1.9	-0.1
1897	-1.3	-1.4	0.8	1.0	0.6	0.6	0.3	1.1	-1.1	-0.6	-0.4	-0.7	-0.1
1898	0.6	0.8	0.0	0.1	0.4	-0.1	-1.2	0.0	1.2	0.8	1.3	1.4	0.4
1899	1.3	1.0	0.4	0.4	0.3	0.0	0.5	1.4	0.5	-1.3	0.7	0.0	0.4
1900	-0.2	-0.2	-0.1	-0.5	-0.7	0.0	0.8	0.3	0.5	0.4	0.4	0.9	0.1
1901	0.2	-0.5	-0.7	-0.7	-0.3	-0.6	0.2	0.8	-1.5	-1.3	-0.4	-0.3	-0.4
1902	0.8	-0.3	-0.3	-0.1	-1.4	-0.8	-0.3	-1.0	-0.6	-1.4	-1.1	-2.3	-0.7
1903	-0.7	0.5	1.6	0.7	-0.4	-1.1	-1.4	-1.1	-1.1	-0.3	0.5	-0.8	-0.3
1904	-1.1	0.4	0.0	0.2	0.6	0.0	1.1	1.5	-0.2	-0.4	0.5	0.5	0.2
1905	0.3	0.3	0.7	0.9	0.4	0.4	1.4	0.8	-1.0	-2.4	-2.4	-0.7	-0.1
1906	0.2	0.2	0.1	-0.5	-1.0	-1.5	-0.9	0.4	0.5	1.0	0.7	0.2	-0.1
1907	-0.7*	-1.5*	-0.7	-0.5	-0.1	-0.7	-1.1	-1.8	-0.8	0.4	0.9	0.7	-0.5.
1908	-1.1	-0.5	-0.4	-0.8	-0.3	0.3	0.0	-0.8	-1.8	0.3	0.0	-0.4	-0.5
1909	-0.6	-0.8	-1.4	-0.6	-0.1	-1.1	-2.3	-0.7	-1.2	0.2	-0.2	-0.5	-0.8
1910	0.7	0.9	1.5	1.0	0.6	1.4	-0.9	-0.6	-0.5	0.7	-1.0	0.4	0.3
1911	0.8	0.5	0.7	-0.6	0.6	0.8	0.5	2.9	2.4	0.1	-0.1	0.1	0.7
1912	1.3	0.4	1.9	1.7	2.0	1.4	1.8	-1.8	-3.1	-2.0	-1.0	0.5	0.3
1913	1.3	1.4	0.9	0.9	1.4	0.7	-1.8	-1.5	-0.2	1.0	1.7	1.7	0.6
1914	-0.1	0.2	1.5	2.2	1.5	-0.3	0.8	0.0	0.0	-0.6	0.0	0.2	0.4
1915	0.9	0.7	0.3	-0.1	-0.1	-0.3	-1.1	-0.6	-0.6	-0.7	-1.5	-0.7	-0.3
1916	2.1	1.4	0.2	-0.1	1.5	-0.8	-1.7	-0.6	-0.8	-0.6	-0.5	-1.0	-0.1
1917	-0.4	-2.1*	-1.7H	-2.7H	-1.6H	1.3H	0.8H	-0.1H	-0.2H	-1.2H	-0.9H	-1.3H	-0.9*
1918	-1.3H	0.1H	0.1H	-0.1H	0.7H	0.0H	-0.9H	-0.6H	-1.2H	-1.3H	-0.7H	0.8H	-0.4H
1919	0.8H	-0.4H	0.0H	-0.7H	0.1H	-0.1H	-2.7H	-1.5H	-0.4H	-1.6H	-3.3H	-1.5H	-1.0H
1920	0.2H	1.3H	1.5H	2.1H	2.1H	1.3H	0.8H	-1.1H	-1.2H	-0.4H	-1.7H	-1.2H	0.3H
1921	0.9H	1.1H	1.4H	1.5H	2.0H	0.8H	0.8H	0.8H	0.5	2.1	-0.5	-0.9	0.9*
1922	-0.3	-0.8	0.4	-0.7	-0.1	0.6	-2.0	-1.8	-1.8	-1.6	-2.3	-0.1	-0.9
1923	0.7	0.9	1.3	0.9	0.0	-2.4	-1.1	-0.3	-1.5	-0.9	-1.1	-1.6	-0.4
1924	-1.3	-0.4	-1.0	-1.9	0.0	0.8	0.3	-1.1	-1.4	-0.6.	-0.6.	0.2	-0.6
1925	1.2	1.3	0.7	-0.1	0.4*	0.8	0.0	-0.3	-1.9	-1.3	-0.6	-2.0	-0.2
1926	0.1	1.0	1.3	1.1	-0.1	-0.7	0.3*	-0.6	1.1	0.1	-1.2	0.0	0.2
1927	0.3	0.2	1.0	1.4	0.6	-0.7	-1.1	-0.1*	-0.8	-1.1	-0.4	-1.2	-0.2
1928	-0.8	1.1	0.7	0.3	-0.6	-0.8	0.2	0.3	0.5	-0.7	0.5	0.1	0.1
1929	-0.5	-2.2	-2.0	-2.9	-3.2	-1.7	-1.8*	-0.7	1.0	0.4	-0.9	1.1	-1.2
1930	1.9	1.0	0.2	0.1	0.6	1.1	0.5	-1.1	0.1	-0.2	-0.1	0.5	0.4
1931	0.9	0.5	-0.4	-0.7	0.1	-1.7	-0.9	-1.0	-1.7	-0.2	-0.1	1.0	-0.4
1932	1.6	0.9	-0.3	-0.5	-0.1	-1.1	-0.3	0.8	1.3	-0.7	-0.2	-0.7	0.1
1933	-0.5	-0.8	-0.1	0.2	-0.3	-0.3*	0.2	1.0	0.5	0.4	-0.7	-2.6	-0.3
1934	-2.2	-1.1	-0.9	-0.8	-1.8	-0.6	1.1H	1.0H	1.4H	1.1H	0.4H	2.0H	-0.0*
1935	1.8H	1.2H	0.7H	0.5H	-0.1H	0.1H	1.8H	1.5H	0.8H	0.0H	0.5H	-0.1H	0.7H
1936	0.9H	0.5H	0.5H	0.4H	0.8H	0.4H	0.5H	0.6H	1.0H	-0.2H	-0.4H	-0.1H	0.4H
1937	0.7H	1.0H	0.5H	0.8H	1.1H	1.4H	0.8H	0.7H	0.5H	0.6H	0.6H	0.0H	0.7H
1938	0.7H	0.7H	1.0H	0.6H	-0.4H	-0.1H	-0.5H	1.1H	0.8H	0.7H	2.0H	0.4H	0.6H
1939	0.3H	0.6H	0.0H	0.8H	0.6H	1.1H	0.6H	1.1H	2.4H	-0.2H	0.1H	-0.1H	0.7H
1940	-2.0H	-2.5H	-1.4H	-0.9H	0.3H	1.1H	0.6H	-0.6H	-0.8H	-0.8H	0.1H	-0.6H	-0.6H

WATERTEMP. (SIGMA) SCHOUWENBANK (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	0.1.	0.2	-0.1	-0.0	0.5	0.6	0.2	0.2	0.0	-0.4	-0.5	-0.3	0.0.
1891-1900	-0.5	-0.4	-0.1	0.2	0.2	0.2	0.5	0.3	0.1	-0.4	-0.2	-0.1	-0.0
1901-1910	-0.2	-0.1	0.0	-0.0	-0.2	-0.4	-0.4	-0.2	-0.8	-0.3	-0.3	-0.3	-0.3
1911-1920	0.6.	0.3*	0.5*	0.5*	0.8*	0.4*	-0.4*	-0.5*	-0.5*	-0.7*	-0.8*	-0.2*	-0.0*
1921-1930	0.2	0.3	0.3	-0.0	-0.1.	-0.2	-0.4.	-0.5.	-0.4	-0.4	-0.7	-0.4	-0.2
1931-1940	0.2*	0.1*	0.0*	0.1*	0.0*	0.0*	0.4*	0.6*	0.6*	0.1*	0.2*	-0.1*	0.2*

WATERTEMP. (SIGMA) MAAS (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
GEM	4.6	4.6	4.7	6.9	10.3	13.8	16.5	17.6	16.7	14.0	10.2	6.9	
SIGMA	1.19	1.31	1.35	1.00	0.71	0.71	0.66	0.72	0.84	0.90	0.82	1.00	
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	-	-	-	-	-	-	-	-	-	-	-	-	-
1887	-	-	-	-	-	-	-	-	-	-	-	-	-
1888	-	-	-	-	-	-	-	-	-	-	-	-	-
1889	-	-	-	-	-	-	-	-	-	-	-	-	-
1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891	-2.9H	-1.5H	-0.8H	-1.0H	-1.4H	-1.3H	-0.5	-1.1	0.0	0.4	-0.9	-0.1	-0.9*
1892	0.0	-0.1	-1.2	-1.0	-1.4	-0.7	-0.5	-0.8	-0.6	-1.7	-0.2	-0.4	-0.7
1893	-1.0	-0.5	0.4	0.9	1.3	0.6	0.8	0.8	-0.7	-0.9	-2.0	-1.2	-0.1
1894	-1.4	-0.5	0.3	1.3	0.1	-1.4	-0.8	-1.7	-2.4	-2.0	-0.7	-0.3	-0.8
1895	-1.3	-2.3	-1.7	-1.1	-0.6	-0.4	0.2	0.4	1.2	0.6	0.2	-0.5	-0.4
1896	0.0	0.5	0.8	0.5	0.3	1.7	1.2	-0.3	-0.1	-1.3.	-2.7	-1.7	-0.1
1897	-1.3	-0.9	0.7	1.1	0.4	0.7	0.3	1.4	-0.7	-0.6	0.0	-0.1	0.1
1898	0.8	1.1	0.3	0.4	0.6	-0.1	-1.4	0.0	1.2	0.8	1.6	1.8	0.6
1899	1.2	1.1	0.8	0.6	0.3	0.6	1.7	1.3	0.7	-1.2	1.2	0.0	0.7
1900	-0.1	0.1	0.0	-0.1	-0.8	0.1	0.8	0.7	0.5	0.7	0.2	1.3	0.3
1901	0.2	-0.4	-0.6	-0.7	-0.8	-0.6	1.2	1.1	-0.6	0.0	-0.4	-0.3	-0.2
1902	0.8	-0.5	-0.1	-0.4	-2.0	-1.1	-0.6	-1.5	-0.8	-2.1	-1.2	-2.1	-1.0
1903	-0.6	0.6	1.3	0.5	-0.1	-0.7	-1.2	-1.3	-1.0	-0.3	0.4	-0.8	-0.3
1904	-0.8	0.1	0.0	0.5	0.1	-0.1	1.1	1.1	-0.1	-0.7	0.6	1.0	0.2
1905	0.4	0.3	0.5	0.4	0.3	0.7	1.8	0.7	-0.7	-2.8	-2.2	-0.6	-0.1
1906	0.1	0.2	0.1	-0.1	-0.6	-0.7	-0.6	0.6	0.4	1.1	1.1	-0.7	0.1
1907	-0.7	-1.5	-0.7	-1.0	-0.7	-2.1	-3.5	-3.1	-1.8	-0.4	0.2	0.5	-1.2
1908	-0.9	-0.3	-0.5	-0.7	-0.8	0.6	0.3	-0.6	-1.4	0.1	-0.5	0.0	-0.4
1909	-0.3	-0.7	-1.3	-0.5	0.0	-1.0	-2.0	-0.6	-1.0	0.6	-0.5	-0.8	-0.7
1910	0.4	0.5	1.3	0.9	1.0	1.7	-0.6	-0.4	-0.6	0.2	-1.2	-0.5	0.2
1911	0.3	0.4	0.4	-0.9	0.1	0.1	0.3	1.9	1.8	-0.3	-0.7	-0.1	0.3
1912	0.8	0.2	1.7	1.3	1.7	1.0	2.4	-1.0	-3.1	-2.2	-1.0	0.3	0.2
1913	0.8	1.0	0.6	0.5	1.3	0.7	-1.5	-1.5	-0.1	0.9	2.1	1.8	0.5
1914	-0.2	0.1	1.0	2.2	1.4	0.1	1.2	0.6	0.2	-0.4	0.4	0.3	0.6
1915	1.0	0.7	0.4	0.4	0.6	0.1	-0.9	-0.4	-0.6	-0.8	-1.5	-0.6	-0.1
1916	1.7	1.2	0.3	0.5	1.4	-1.1	-1.7	-0.8	-0.8	-0.3	-0.5	-0.5	-0.1
1917	-0.4	-2.1	-1.9	-2.7	-1.8H	1.3H	0.8H	-0.1H	-0.2H	-1.2H	-0.9H	-1.3H	-0.9*
1918	-1.3H	0.1H	0.1H	-0.1H	0.7H	0.0H	-0.9H	-0.6H	-1.2H	-1.3H	-0.7H	0.8H	-0.4H
1919	0.8H	-0.4	-0.1	-0.9	0.3	-0.4	-3.0	-1.7	-0.2	-1.7	-3.5	-1.7	-1.0
1920	0.2	1.5	1.4	2.1	2.1	1.1	0.3	-1.4	-1.4	-0.3	-1.1	-0.7	0.3
1921	0.7	0.9	1.3	1.2	1.0	0.4	0.3	0.6	0.5	1.9	-0.6	-0.1	0.7
1922	-0.3	-1.0	0.1	-0.7	-0.3	0.4	-1.8	-1.9	-1.8	-2.0	-2.4	-0.2.	-1.0
1923	0.5	0.8	1.0	0.9	-0.4	-2.8	-1.2	-0.7.	-1.3	-1.0.	-1.6	-1.4	-0.6
1924	-1.3	-0.7	-0.9	-1.5	-0.8	0.7	0.2	-1.3	-1.2	-0.6	-0.6	0.8	-0.6
1925	0.9	1.5	0.7	0.2	0.4	1.4	1.1	0.8	-0.7	-0.1	-0.9	-1.6	0.3
1926	-0.3	1.0.	1.3	1.2	0.1	-0.6	0.6	-0.1	1.2	-0.4	-1.2	-0.3	0.2
1927	0.7	0.4	1.0	1.5	0.8	-1.0.	-0.6	0.1	-0.4	-0.8	-0.1	-1.6	0.0
1928	-0.8	0.9	0.7	0.4	-0.1	-1.0	0.2	0.1	0.5	-0.3	0.5	0.0	0.1
1929	-0.9.	-2.1	-2.2	-2.4	-2.8	-1.7	-1.5	-0.4	1.4	0.6	-0.4	0.8	-1.0
1930	1.8	0.8	0.3	0.4	-0.1	1.3	0.5	-1.0	-0.1	-0.3	-0.2	0.1	0.3
1931	0.8	0.4.	-0.4	-0.6	0.0	0.6	0.8	-0.8	-1.7	-0.4	0.0	0.9	-0.0
1932	1.5	0.7	-0.2	-0.5	-0.4	-0.4	0.6	1.9	1.3	-0.3	-0.4	0.2	0.3
1933	0.3	-0.3	0.0	0.4	-0.4	-0.3	0.3	0.7	0.4	0.7	-0.1	-2.3	-0.1
1934	-0.8	-0.2	0.0	0.0	-0.1	0.0	0.8	1.0	1.5	1.1	0.4	2.0	0.5
1935	1.8	1.1	0.6.	0.4.	0.4.	0.1.	1.7.	1.3.	0.8.	-0.4.	0.4.	0.1.	0.7.
1936	0.8.	0.5.	0.4.	0.4.	0.8.	0.4.	0.3.	0.4.	0.8.	-0.3.	-0.7.	-0.2.	0.3.
1937	0.8.	1.0	0.5	0.7	1.3	1.5	0.9	0.7	0.5	0.7	1.0	0.2	0.8
1938	0.8	0.6	0.9	0.6	-0.6	-0.1	0.2	1.4	0.8	0.3	2.0	0.3	0.6
1939	-0.1	0.7	0.5	0.7	0.6	1.1	0.5	1.4	2.4H	-0.2H	0.1H	-0.1H	0.6.
1940	-2.0H	-2.5H	-1.4H	-0.9H	0.3H	1.1H	0.6H	-0.6H	-0.8H	-0.8H	0.1H	-0.6H	-0.6H

WATERTEMP. (SIGMA) MAAS (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	-0.6	-0.3	-0.0	0.2	-0.1	-0.0	0.2	0.1	-0.1	-0.5	-0.3	-0.1	-0.1
1901-1910	-0.1	-0.2	-0.0	-0.1	-0.4	-0.3	-0.4	-0.4	-0.8	-0.4	-0.4	-0.4	-0.3
1911-1920	0.4.	0.3	0.4	0.3	0.8.	0.3.	-0.3.	-0.5.	-0.6.	-0.8.	-0.7.	-0.2.	-0.1.
1921-1930	0.1	0.2	0.3	0.1	-0.2	-0.3	-0.2	-0.4	-0.2	-0.3	-0.8	-0.4	-0.2
1931-1940	0.4.	0.2.	0.1.	0.1.	0.2.	0.4.	0.7.	0.7.	0.6.	0.0.	0.3.	0.1.	0.3.

SCHOUWENBANK (HOMOGENE REEKS)

	JFM	AMJ	JAS	OND
1881	3.9H	10.2H	17.3H	9.9H
1882	6.2	12.0	16.9	10.7
1883	6.4	10.7	17.2	10.5
1884	6.5	11.5	18.7	10.9
1885	4.9.	11.2	16.9	9.5
1886	3.4	10.5	17.3	10.6
1887	3.3	9.5	17.2	9.3
1888	3.1	9.2	16.0	9.9
1889	4.4	11.2	17.5	9.9
1890	4.7	10.9	17.2	10.0
1891	2.7	9.9	17.3	11.0
1892	4.2	10.2	16.9	9.9
1893	4.3	11.8	18.1	9.8
1894	4.5	11.3	16.7	10.4
1895	2.5	9.6	17.3	9.9
1896	4.6	11.2	17.4	8.7
1897	3.9	11.0	17.1	10.0
1898	5.2	10.5	17.2	11.5
1899	5.8	10.6	17.7	10.3
1900	4.4	10.1	17.5	11.0
1901	4.1	10.0	16.9	9.9
1902	4.7	9.9	16.6	9.0
1903	5.3	10.3	16.2	10.2
1904	4.4	10.6	17.6	10.6
1905	5.2	10.9	17.3	8.8
1906	4.8	9.7	17.1	11.0
1907	3.4*	10.1	16.2	11.1
1908	3.8	10.2	16.4	10.4
1909	3.4	9.9	16.1	10.3
1910	6.0	11.2	16.6	10.5
1911	5.5	10.6	18.6	10.5
1912	6.2	11.8	16.2	9.8
1913	6.2	11.2	16.3	11.8
1914	5.3	11.5	17.3	10.4
1915	5.4	10.3	16.6	9.6
1916	6.2	10.6	16.4	9.8
1917	2.8*	9.4H	17.2H	9.4H
1918	4.2H	10.6H	16.4H	10.1H
1919	4.8H	10.2H	16.0H	8.5H
1920	5.9H	11.9H	16.7H	9.5H
1921	6.1H	11.6H	17.6*	10.7
1922	4.3	10.3	15.7	9.3
1923	5.9	10.2	16.4	9.4
1924	3.5	10.0	16.5	10.2.
1925	6.0	10.7.	16.5	9.2
1926	5.7	10.6	17.3.	10.2
1927	5.2	10.9	16.6.	9.6
1928	5.1	10.2	17.3	10.4
1929	2.3	8.3	16.8.	10.7
1930	5.9	10.9	17.0	10.5
1931	5.0	9.8	16.2	10.7
1932	5.5	10.0	17.6	10.0
1933	4.0	10.4.	17.5	9.5
1934	2.9	9.6	18.0H	11.6H
1935	6.2H	10.6H	18.1H	10.6H
1936	5.4H	10.9H	17.6H	10.3H
1937	5.6H	11.3H	17.6H	10.8H
1938	5.6H	10.5H	17.5H	11.3H
1939	5.3H	11.1H	18.2H	10.4H
1940	2.1H	10.5H	16.9H	10.1H

MAAS (HOMOGENE REEKS)

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	-	-	-	-
1885	-	-	-	-
1886	-	-	-	-
1887	-	-	-	-
1888	-	-	-	-
1889	-	-	-	-
1890	-	-	-	-
1891	2.2H	9.4H	16.6	10.2
1892	3.9	9.5	16.5	9.7
1893	4.0	11.1	17.1	9.2
1894	3.8	10.5	15.7	9.5
1895	2.2	9.7	17.4	10.4
1896	5.0	11.0	17.1	8.7
1897	3.8	11.0	17.1	10.2
1898	5.4	10.6	17.0	11.6
1899	5.7	10.7	17.8	10.3
1900	4.4	10.1	17.4	11.1
1901	4.1	9.8	17.3	10.2
1902	4.5	9.5	16.2	8.7
1903	5.1	10.3	16.1	10.1
1904	4.2	10.5	17.4	10.7
1905	5.0	10.7	17.3	8.7
1906	4.6	10.0	17.0	10.8
1907	3.2	9.3	14.9	10.5
1908	3.7	10.0	16.5	10.3
1909	3.4	9.9	16.1	10.1
1910	5.4	11.3	16.5	9.9
1911	4.9	10.1	18.0	10.0
1912	5.6	11.6	16.4	9.5
1913	5.4	11.0	16.2	11.8
1914	4.8	11.4	17.4	10.4
1915	5.3	10.6	16.5	9.5
1916	5.8	10.6	16.1	10.0
1917	2.5	9.3*	17.0H	9.3H
1918	4.0H	10.5H	16.3H	10.0H
1919	4.5.	10.0	15.8	8.3
1920	5.8	11.8	16.3	9.7
1921	5.7	11.1	17.3	10.7
1922	3.9	10.1	15.6	9.0
1923	5.4	9.9	16.1	9.2
1924	3.2	9.8	16.3	10.3
1925	5.8	10.8	17.2	9.6
1926	5.3	10.6	17.4	9.8
1927	5.3	10.8	16.7	9.6
1928	4.8	10.2	17.1	10.4
1929	2.2	8.5	16.9	10.7
1930	5.6	10.7	16.8	10.2
1931	4.8	10.3	16.4	10.5
1932	5.2	10.0	17.9	10.2
1933	4.4	10.3	17.3	9.8
1934	4.0	10.3	17.8	11.5
1935	5.9	10.6.	17.8.	10.4.
1936	5.2.	10.8.	17.3.	10.0.
1937	5.4	11.2	17.4	10.9
1938	5.4	10.4	17.5	11.1
1939	4.9	11.0	18.0.	10.3H
1940	1.9H	10.4H	16.7H	10.0H

SCHOUWENBANK (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM

	JFM	AMJ	JAS	OND
1881	-0.7H	-0.2H	0.2H	-0.6H
1882	1.6	1.5	-0.2	0.2
1883	1.8	0.3	0.1	0.1
1884	1.9	1.0	1.6	0.4
1885	0.3.	0.8	-0.2	-0.9
1886	-1.2	0.1	0.2	0.1
1887	-1.4	-0.9	0.1	-1.2
1888	-1.6	-1.3	-1.1	-0.6
1889	-0.2	0.8	0.4	-0.6
1890	0.1	0.5	0.1	-0.4
1891	-2.0	-0.6	0.2	0.6
1892	-0.4	-0.3	-0.2	-0.6
1893	-0.3	1.4	1.0	-0.6
1894	-0.1	0.8	-0.4	-0.1
1895	-2.2	-0.9	0.2	-0.5
1896	-0.1	0.8	0.3	-1.7
1897	-0.7	0.6	0.0	-0.5
1898	0.6	0.1	0.1	1.1
1899	1.2	0.2	0.6	-0.2
1900	-0.2	-0.3	0.4	0.5
1901	-0.5	-0.4	-0.2	-0.6
1902	0.1	-0.6	-0.5	-1.5
1903	0.6	-0.1	-0.9	-0.2
1904	-0.3	0.2	0.5	0.2
1905	0.5	0.5	0.2	-1.6
1906	0.2	-0.8	0.0	0.6
1907	-1.2*	-0.4	-0.9	0.6
1908	-0.8	-0.3	-0.7	-0.0
1909	-1.2	-0.5	-1.0	-0.2
1910	1.3	0.8	-0.5	0.1
1911	0.8	0.1	1.5	0.0
1912	1.6	1.4	-0.9	-0.7
1913	1.5	0.8	-0.8	1.3
1914	0.6	1.0	0.2	-0.1
1915	0.8	-0.1	-0.5	-0.8
1916	1.5	0.1	-0.7	-0.6
1917	-1.9*	-1.0H	0.1H	-1.0H
1918	-0.4H	0.1H	-0.7H	-0.3H
1919	0.2H	-0.2H	-1.1H	-1.9H
1920	1.3H	1.5H	-0.4H	-1.0H
1921	1.5H	1.2H	0.5*	0.2
1922	-0.3	-0.1	-1.4	-1.1
1923	1.2	-0.3	-0.7	-1.1
1924	-1.2	-0.4	-0.6	-0.3.
1925	1.3	0.3.	-0.6	-1.2
1926	1.1	0.2	0.2.	-0.3
1927	0.6	0.4	-0.5.	-0.8
1928	0.5	-0.2	0.2	-0.0
1929	-2.3	-2.1	-0.3.	0.3
1930	1.3	0.4	-0.1	0.1
1931	0.4	-0.6	-0.9	0.2
1932	0.9	-0.4	0.5	-0.5
1933	-0.6	-0.1.	0.4	-0.9
1934	-1.7	-0.8	0.9H	1.1H
1935	1.5H	0.2H	1.0H	0.1H
1936	0.8H	0.4H	0.5H	-0.2H
1937	0.9H	0.9H	0.5H	0.3H
1938	1.0H	0.1H	0.4H	0.9H
1939	0.6H	0.7H	1.1H	-0.1H
1940	-2.5H	0.0H	-0.2H	-0.4H

MAAS (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	-	-	-	-
1885	-	-	-	-
1886	-	-	-	-
1887	-	-	-	-
1888	-	-	-	-
1889	-	-	-	-
1890	-	-	-	-
1891	-2.2H	-1.0H	-0.4	-0.1
1892	-0.6	-0.8	-0.5	-0.7
1893	-0.4	0.8	0.2	-1.2
1894	-0.7	0.1	-1.2	-0.9
1895	-2.3	-0.6	0.5	0.1
1896	0.6	0.6	0.2	-1.7
1897	-0.6	0.6	0.2	-0.2
1898	0.9	0.2	0.0	1.3
1899	1.3	0.4	0.9	-0.0
1900	0.0	-0.2	0.5	0.7
1901	-0.4	-0.6	0.4	-0.2
1902	0.0	-0.9	-0.7	-1.7
1903	0.6	-0.0	-0.8	-0.3
1904	-0.3	0.2	0.5	0.3
1905	0.5	0.4	0.4	-1.6
1906	0.1	-0.3	0.1	0.4
1907	-1.2	-1.0	-2.0	0.1
1908	-0.7	-0.5	-0.5	-0.1
1909	-1.0	-0.4	-0.8	-0.2
1910	0.9	0.9	-0.4	-0.4
1911	0.4	-0.2	1.0	-0.3
1912	1.2	1.2	-0.6	-0.8
1913	1.0	0.6	-0.7	1.4
1914	0.4	1.1	0.5	0.1
1915	0.9	0.3	-0.5	-0.8
1916	1.3	0.2	-0.8	-0.4
1917	-1.9	-1.0*	0.1H	-1.0H
1918	-0.4H	0.1H	-0.7H	-0.3H
1919	0.1.	-0.3	-1.1	-2.0
1920	1.3	1.5	-0.7	-0.6
1921	1.2	0.7	0.3	0.4
1922	-0.5	-0.2	-1.4	-1.3
1923	1.0	-0.5	-0.8	-1.2
1924	-1.2	-0.5	-0.6	-0.1
1925	1.3	0.5	0.2	-0.8
1926	0.9	0.3	0.4	-0.6
1927	0.9	0.5	-0.2	-0.8
1928	0.4	-0.1	0.2	0.0
1929	-2.3	-1.9	-0.0	0.3
1930	1.2	0.4	-0.2	-0.1
1931	0.3	-0.1	-0.5	0.2
1932	0.8	-0.4	1.0	-0.1
1933	0.0	-0.0	0.3	-0.6
1934	-0.4	-0.0	0.8	1.1
1935	1.5	0.3.	0.9.	-0.0.
1936	0.7.	0.4.	0.4.	-0.4.
1937	1.0	0.9	0.5	0.5
1938	1.0	0.0	0.6	0.7
1939	0.5	0.6	1.1.	-0.1H
1940	-2.5H	0.0H	-0.2H	-0.4H

SCHOUWENBANK (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM
GENORMEERD OP SIGMA

	JFM	AMJ	JAS	OND
1881	-0.5H	-0.3H	0.3H	-0.7H
1882	1.2	1.9	-0.2	0.2
1883	1.4	0.4	0.2	0.1
1884	1.5	1.2	2.1	0.5
1885	0.2.	1.0	-0.3	-1.1
1886	-1.0	0.1	0.2	0.1
1887	-1.1	-1.1	0.2	-1.4
1888	-1.2	-1.5	-1.5	-0.7
1889	-0.1	1.2	0.6	-0.6
1890	0.1	0.7	0.1	-0.4
1891	-1.6	-0.7	0.2	0.6
1892	-0.3	-0.3	-0.2	-0.7
1893	-0.3	1.8	1.5	-0.7
1894	-0.1	0.9	-0.5	-0.1
1895	-1.7	-1.0	0.2	-0.6
1896	-0.1	1.0	0.5	-1.9
1897	-0.6	0.7	0.1	-0.5
1898	0.5	0.1	-0.0	1.2
1899	0.9	0.2	0.8	-0.2
1900	-0.2	-0.4	0.5	0.6
1901	-0.4	-0.5	-0.2	-0.7
1902	0.1	-0.8	-0.6	-1.6
1903	0.4	-0.3	-1.2	-0.2
1904	-0.2	0.3	0.8	0.2
1905	0.4	0.6	0.4	-1.9
1906	0.1	-1.0	-0.0	0.6
1907	-1.0*	-0.4	-1.2	0.7
1908	-0.7	-0.3	-0.9	-0.0
1909	-0.9	-0.6	-1.4	-0.2
1910	1.0	1.0	-0.6	0.0
1911	0.7	0.3	1.9	0.0
1912	1.2	1.7	-1.0	-0.8
1913	1.2	1.0	-1.2	1.5
1914	0.5	1.2	0.3	-0.1
1915	0.6	-0.2	-0.7	-0.9
1916	1.2	0.2	-1.0	-0.7
1917	-1.4*	-1.1H	0.1H	-1.1H
1918	-0.4H	0.2H	-0.9H	-0.4H
1919	0.2H	-0.2H	-1.5H	-2.2H
1920	1.0H	1.8H	-0.5H	-1.1H
1921	1.1H	1.4H	0.7*	0.2
1922	-0.2	-0.1	-1.9	-1.3
1923	0.9	-0.5	-1.0	-1.2
1924	-0.9	-0.4	-0.7	-0.3.
1925	1.0	0.4.	-0.7	-1.3
1926	0.8	0.1	0.3.	-0.4
1927	0.5	0.4	-0.7.	-0.9
1928	0.3	-0.4	0.3	-0.0
1929	-1.8	-2.6	-0.5.	0.2
1930	1.0	0.6	-0.2	0.1
1931	0.3	-0.7	-1.2	0.2
1932	0.7	-0.5	0.6	-0.5
1933	-0.5	-0.1.	0.5	-1.0
1934	-1.4	-1.1	1.2H	1.2H
1935	1.2H	0.2H	1.4H	0.1H
1936	0.6H	0.6H	0.7H	-0.2H
1937	0.7H	1.1H	0.6H	0.4H
1938	0.8H	0.0H	0.5H	1.0H
1939	0.5H	0.8H	1.4H	-0.1H
1940	-2.0H	0.2H	-0.3H	-0.4H

MAAS (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM
GENORMEERD OP SIGMA

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	-	-	-	-
1885	-	-	-	-
1886	-	-	-	-
1887	-	-	-	-
1888	-	-	-	-
1889	-	-	-	-
1890	-	-	-	-
1891	-1.8H	-1.2H	-0.5	-0.2
1892	-0.4	-1.0	-0.6	-0.8
1893	-0.4	1.0	0.3	-1.3
1894	-0.6	0.0	-1.6	-1.0
1895	-1.8	-0.7	0.6	0.1
1896	0.4	0.8	0.3	-1.9
1897	-0.5	0.7	0.3	-0.2
1898	0.7	0.3	-0.1	1.4
1899	1.0	0.5	1.2	-0.0
1900	-0.0	-0.3	0.6	0.7
1901	-0.3	-0.7	0.6	-0.2
1902	0.0	-1.2	-1.0	-1.8
1903	0.5	-0.1	-1.1	-0.3
1904	-0.2	0.2	0.7	0.3
1905	0.4	0.5	0.6	-1.9
1906	0.1	-0.5	0.1	0.5
1907	-1.0	-1.3	-2.8	0.1
1908	-0.6	-0.3	-0.6	-0.1
1909	-0.8	-0.5	-1.2	-0.2
1910	0.7	1.2	-0.5	-0.5
1911	0.3	-0.2	1.3	-0.4
1912	0.9	1.5	-0.5	-1.0
1913	0.8	0.8	-1.1	1.6
1914	0.3	1.2	0.7	0.1
1915	0.7	0.4	-0.6	-0.9
1916	1.1	0.3	-1.1	-0.4
1917	-1.5	-1.1*	0.1H	-1.1H
1918	-0.4H	0.2H	-0.9H	-0.4H
1919	0.1.	-0.3	-1.6	-2.3
1920	1.0	1.8	-0.8	-0.7
1921	0.9	0.9	0.4	0.4
1922	-0.4	-0.2	-1.8	-1.5
1923	0.7	-0.8	-1.1	-1.3
1924	-1.0	-0.5	-0.8	-0.1
1925	1.0	0.7	0.4	-0.9
1926	0.7	0.3	0.6	-0.7
1927	0.7	0.5	-0.3	-0.8
1928	0.2	-0.2	0.3	0.1
1929	-1.7	-2.3	-0.2	0.3
1930	0.9	0.5	-0.2	-0.2
1931	0.3	-0.0	-0.6	0.2
1932	0.7	-0.4	1.3	-0.2
1933	0.0	-0.1	0.5	-0.6
1934	-0.4	-0.0	1.1	1.2
1935	1.2	0.3.	1.3.	0.0.
1936	0.6.	0.6.	0.5.	-0.4.
1937	0.8	1.2	0.7	0.6
1938	0.8	-0.0	0.8	0.9
1939	0.4	0.8	1.4.	-0.1H
1940	-2.0H	0.2H	-0.3H	-0.4H

VERLENGDE REEKS VAN

G O E R E E
==========

BIJLAGE 6

WATERTEMP. (GR.C): GOEREE (VERLENGDE HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881	4.1H	3.0H	4.4H	6.5H	10.1H	13.9H	17.3H	17.6H	16.7H	12.5H	9.5H	7.5H	10.3H
1882	6.2	5.1	7.0	9.1	12.2	14.5	16.4	17.7	16.4	14.5	10.4	6.9	11.4
1883	6.6	6.7	5.6	6.9	10.4	14.7	17.0	17.4	17.0	13.9	10.5	7.0	11.1
1884	6.0	6.6	6.7	8.6	11.4	14.3	17.8	19.6	18.3	14.9	10.6	7.0	11.8
1885	3.9*	4.8	5.7	7.9	10.9	14.7	16.3	17.7	16.3	12.9	8.9	6.6	10.6
1886	3.8	3.2	2.9	7.2	10.4	13.9	16.3	17.5	17.7	14.3	10.3	6.9	10.4
1887	3.5	2.9	3.1	5.6	9.3	13.6	17.0	18.1	16.3	12.6	8.6	6.4	9.7
1888	3.9	2.6	2.4	4.7	9.4	13.3	15.4	16.3	16.0	12.6	9.0	7.9	9.5
1889	5.0	4.1	5.9	6.4	11.3	15.8	17.8	17.7	16.6	13.3	10.3	5.9	10.7
1890	4.9	4.5	4.5	6.9	11.3	14.4	16.3	17.8	17.1	14.8	10.2	4.9	10.6
1891	1.5H	2.2H	3.7H	6.1H	9.5H	13.2H	16.7	17.1	17.0	14.6	9.8	7.4	9.9*
1892	4.8	4.0	3.4	6.2	9.7	13.7	16.4	17.2	16.5	12.7	10.0	6.6	10.1
1893	3.5	3.5	5.6	8.1	11.6	14.8	17.5	18.7	16.7	13.4	9.0	6.1	10.7
1894	3.1	4.0	5.5	8.7	10.8	13.1	16.5	16.9	15.2	12.7	10.1	7.0	10.3
1895	3.6	1.1	2.3	5.8	9.7	13.4	16.6	17.8	17.7	14.3	10.0	6.2	9.9
1896	4.4	4.4	5.0	7.7	10.6	13.0	17.5	17.6	16.7	12.7.	8.2	5.2	10.5
1897	3.2	2.6	5.8	8.1	10.7	14.3	16.8	18.6	16.1	13.5	10.1	6.6	10.5
1898	5.6	5.4	5.0	7.3	10.7	13.7	15.8	17.7	17.8	14.7	11.4	8.6	11.1
1899	6.2	5.5	5.7	7.5	10.5	14.0	17.3	18.6	17.3	12.9	11.0	7.0	11.1
1900	4.6	4.0	4.6	6.7	9.8	13.9	17.1	18.0	17.2	14.5	10.5	8.1	10.8
1901	4.9	3.5	3.9	6.3	9.9	13.4	17.1	18.4	15.9	13.4	9.9	6.7	10.3
1902	5.7	3.6	4.0	6.3	9.1	13.1	16.3	16.8	16.2	12.4	9.3	4.8	9.9
1903	4.0	4.8	6.8	7.6	10.1	13.2	15.8	16.8	16.0	13.7	10.6	6.2	10.5
1904	3.6	4.4	4.8	7.4	10.6	13.8	17.3	18.6	16.7	13.5	10.7	7.7	10.8
1905	5.1	4.5	5.0	7.7	10.6	14.2	17.7	18.2	16.1	11.7	8.3	6.3	10.5
1906	4.9	4.4	4.9	6.7	9.8	13.0	16.1	18.0	17.2	15.0	11.0	6.7	10.6
1907	3.9	2.2	3.8	6.3	10.0	12.8	15.1	15.9	15.7	14.0	10.7	7.6	9.8
1908	3.5	3.6	4.2	6.3	9.9	14.1	16.7	17.2	15.5	14.2	10.0	6.8	10.2
1909	4.2	3.2	3.0	6.5	10.3	13.1	15.2	17.2	15.9	14.4	9.9	6.3	9.9
1910	5.4	5.0	6.7	8.0	10.9	14.9	16.1	17.3	16.4	14.4	9.3	6.9	10.9
1911	5.3	4.7	5.5	6.3	10.6	14.2	16.9	19.4	18.6	13.9	9.9	7.0	11.0
1912	6.0	4.5	7.3	8.8	11.6	14.7	18.0	16.7	14.2	12.1	9.4	7.4	10.9
1913	6.0	5.7	5.8	7.7	11.3	14.3	15.5	16.6	16.7	14.9	11.8	8.7	11.3
1914	4.6	4.3	6.4	9.2	11.4	13.8	17.3	17.9	16.9	13.6	10.4	7.2	11.1
1915	5.9	5.0	5.5	7.2	10.5	13.3	16.0	17.3	16.3	13.4	9.0	6.3	10.5
1916	7.0	5.8	5.2	7.2	11.4	13.1	15.5	17.2	16.1	13.6	9.8	6.2	10.7
1917	4.2	1.3	2.4	4.3	9.0H	14.7H	17.1H	17.6H	16.6H	12.9H	9.5H	5.7H	9.6*
1918	3.2H	4.2H	4.9H	6.9H	10.8H	13.8H	16.0H	17.3H	15.8H	12.8H	9.6H	7.8H	10.3H
1919	5.7H	3.6	4.7	6.2	10.5	13.6	14.7	16.5	16.6	12.6	7.3	5.4	9.8
1920	4.9	5.9	6.8	9.1	11.8	14.7	17.0	16.8	15.7	13.7	9.1	6.0	11.0
1921	5.7	5.4	6.0	6.4	11.4	14.3	17.0	18.2	17.2	15.8	9.8	6.5	11.4
1922	4.4	2.9	5.2	6.3	10.2	14.2	15.4	16.3	15.3	12.4	8.3	6.8.	9.8
1923	5.4	5.2	6.3	7.9	10.2	12.0	15.9	17.3.	15.6	13.2.	9.1	5.5	10.3
1924	3.1	3.4	3.3	5.3	10.0	14.4	16.8	16.8	15.7	13.5	9.7	7.5	10.0
1925	6.0	5.9	5.8	7.1	10.6	14.6	17.0	17.9	15.7	13.4	9.6	5.2	10.7
1926	4.6	5.4.	6.6	8.2	10.3	13.4	16.9	17.4	17.8	13.9	9.2	6.8	10.9
1927	5.3	4.5	6.1	8.5	10.8	13.2.	16.1	17.7	16.3	13.2	10.0	5.6	10.6
1928	3.7	5.5	5.8	7.4	10.1	13.2	16.7	17.8	17.2	13.6	10.6	7.0	10.7
1929	3.9.	1.3	1.6	4.4	8.2	12.6	15.5	17.3	17.8	14.5	9.7	7.9	9.6
1930	6.9	5.3	5.2	7.3	10.5	14.7	16.9	16.9	16.8	13.8	10.1	7.3	11.0
1931	5.8	4.7.	4.3	6.4	10.4	13.4	16.6	17.0	15.4	13.7	10.2	7.9	10.5
1932	6.6	5.2	4.5	6.6	10.1	13.3	16.7	18.7	17.9	13.6	10.0	6.7	10.8
1933	4.6	3.4	4.7	7.5	10.1	13.6	16.8	18.3	17.2	14.5	9.9	4.5	10.4
1934	2.9	3.3	4.2	6.6	9.6	13.6	17.2	18.4	18.1	15.0	10.5	9.0	10.7
1935	6.9	5.6	5.7.	7.5.	10.4.	13.9.	17.8.	18.7.	17.5.	13.8.	10.6.	7.0.	11.3.
1936	5.7.	4.8.	5.5.	7.4.	10.9.	14.1.	16.9.	18.0.	17.6.	13.8.	9.8.	6.8.	10.9.
1937	5.6.	5.4	5.5	7.8	11.2	14.9	17.2	18.2	17.2	14.6	10.9	7.1	11.3
1938	5.6	5.0	6.1	7.6	10.0	13.7	16.5	18.6	17.5	14.5	11.8	7.3	11.2
1939	4.8	5.0	5.0	7.8	10.7	14.0	17.0	18.6	18.8H	13.8H	10.3H	6.9H	11.2.
1940	2.3H	0.8H	2.9H	6.1H	10.5H	14.6H	17.0H	17.3H	16.1H	13.3H	10.3H	6.4H	9.8H

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	17.6.	16.2	13.9.	10.1	6.4	-
1947	2.5	0.6	0.9	6.4	11.2	15.5	18.4*	20.1*	19.8*	15.9	11.4	7.8	10.9.
1948	6.7	6.0	5.4	8.4	12.0	14.8	15.8	17.8	16.8.	14.5.	10.8	7.5	11.4
1949	5.4	5.1	5.1	7.4	10.4	14.2*	16.9*	18.5	19.1	16.7	10.2	7.5	11.4.
1950	5.7	5.1	6.4	8.1	10.7	15.5*	18.1*	18.8	16.9	13.5	9.7	6.6	11.3.
1951	4.0	5.0	5.4	7.1*	10.4*	13.8	16.8	18.1	17.2	14.3	10.9	8.2	10.9.
1952	6.0	4.3	5.1	7.3	11.7	15.2	17.8	18.4	16.5	12.4	8.8	5.4	10.7
1953	4.1	3.7	4.8	7.0	10.3.	13.5	16.9	18.1	16.8	15.1	11.9	9.5	11.0
1954	6.2	1.7	3.4	6.6	9.8	13.0	15.8	16.6.	16.2*	14.0*	11.0	8.6	10.3.
1955	4.7	3.4	3.1	5.9	9.5	12.7	16.0	17.9	18.0	14.9	11.2	8.3	10.5
1956	5.9	2.6	2.6	5.3	9.1	12.6	15.6	16.7	16.0	14.2	9.9	7.5	9.8
1957	5.8	5.4	6.8	8.6	10.5	14.0	17.5	17.9	15.9	13.7	10.6	7.5	11.2
1958	5.3	4.5	4.3	5.8	9.7	13.8	16.5	17.4	17.7	14.7	11.3	8.3	10.8
1959	5.6	4.3	5.4	8.0	11.5	14.2	17.6	18.9	18.3	15.9	10.8	7.8	11.6
1960	6.4	5.1	5.4	7.6	10.5	14.3	16.4	17.7	17.0	14.0	10.7	8.0	11.1
1961	5.5	5.6	7.3	9.2	12.2	14.5	16.7	17.2	17.3	15.4	10.4	6.9	11.5
1962	4.6	4.4	5.5	5.7	8.9	12.5	15.4*	16.5	15.9	14.3	10.3	6.6	9.9
1963	1.7	0.0	1.2	5.0	9.4	13.9	16.6	17.3	16.6	14.4	11.6	7.3	9.6
1964	5.0	4.4	3.7	6.0	10.8	15.0	17.0	18.0	17.0	13.7	10.2	7.1	10.7
1965	4.6	4.0	3.9	6.4	10.1	13.4	15.6	16.7	15.6	13.8	9.3	6.2	10.0
1966	4.3	4.4	6.4	7.7	11.3	14.7	16.5	17.0	16.9	15.4	10.7	6.9	11.0
1967	5.3	5.8	7.1	8.2	11.0	14.0	17.4	18.7	17.2	14.5	10.6	7.4	11.4
1968	4.9	4.2	4.6	7.0	10.6	13.8	16.4	17.5	17.2	14.8	10.7	6.8	10.7
1969	5.0	4.2	5.7	6.0	10.3	14.0	16.8	18.7	17.5	16.0	11.3	6.4	10.8
1970	3.6	3.8	4.4	6.0	10.5	14.0	16.4	18.0	16.9	14.8	10.7	8.3	10.7
1971	4.9	5.0	5.1	7.0	10.3	13.3	16.7	16.2	17.5*	-	-	-	-
1972	-	-	-	-	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	13.9.	16.1	17.6	16.1	12.5	9.0.	7.4.	-
1975	7.3	6.5	6.0	6.2	9.3.	12.8	16.1	19.2*	18.2	14.5	10.5*	7.3*	11.2.
1976	6.5	4.1	4.1	6.2	9.8	14.0	18.3	18.9	17.8.	15.2	11.5	7.1	11.1
1977	4.2	4.9	7.0	7.7	10.5	13.3	16.1	17.3	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (GR.C): GOEREE (VERLENGDE HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	4.8.	4.3	4.6	7.0	10.7	14.3	16.8	17.7	16.8	13.6	9.8	6.7	10.6.
1891-1900	4.1	3.7	4.7	7.2	10.4	13.9	16.8	17.8	16.8	13.6	10.0	6.9	10.5
1901-1910	4.5	3.9	4.8	7.0	10.1	13.6	16.3	17.4	16.2	13.7	10.0	6.6	10.3
1911-1920	5.3.	4.5	5.4	7.3	10.9.	14.1.	16.4.	17.3.	16.4.	13.4.	9.6.	6.8.	10.6.
1921-1930	4.9	4.5	5.3	7.1	10.2	13.7	16.4	17.4	16.5	13.7	9.6	6.6	10.5
1931-1940	5.1.	4.3.	4.9.	7.1.	10.4.	14.0.	17.0.	18.2.	17.3.	14.1.	10.4.	7.0.	10.8.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	5.4	4.0	4.6	6.9	10.3.	13.8	16.7	17.8	17.0	14.3	10.7	7.9	10.8
1961-1970	4.5	4.1	4.6	6.7	10.5	14.0	16.5	17.6	16.8	14.7	10.6	7.0	10.6
1971-1980	-	-	-	-	-	-	-	-	-	-	-	-	-
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	4.7	4.1	4.8	7.0	10.3	13.8	16.6	17.7	16.8	14.0	10.2	7.0	10.6
SIGMA	1.19	1.31	1.35	1.00	0.71	0.71	0.66	0.72	0.84	0.90	0.82	1.00	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	5.1	4.3	5.0	7.2	10.6	13.9	16.5	17.7	16.6	14.0	10.0	7.0	10.7
AANGEVULD	5.1	4.4	5.2	7.2	10.5	13.9	16.6	17.7	16.7	13.9	10.0	6.9	10.7

WATERTEMP. (GR.C): GOEREE (VERLENGDE HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM
GEM 4.7 4.1 4.8 7.0 10.3 13.8 16.6 17.7 16.8 14.0 10.2 7.0

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881	-0.6H	-1.1H	-0.4H	-0.5H	-0.2H	0.1H	0.7H	-0.1H	-0.1H	-1.5H	-0.7H	0.5H	-0.3H
1882	1.5	1.6	2.2	2.1	1.9	0.7	-0.2	0.0	-0.4	0.5	0.2	-0.1	0.8
1883	1.9	2.6	0.8	-0.1	0.1	0.9	0.4	-0.3	0.2	-0.1	0.3	0.0	0.6
1884	1.3	2.5	1.9	1.6	1.1	0.5	1.2	1.9	1.5	0.9	0.4	0.0	1.2
1885	-0.8*	0.7	0.9	0.9	0.6	0.9	-0.3	0.0	-0.5	-1.1	-1.3	-0.4	-0.0
1886	-0.9	-0.9	-1.9	0.2	0.1	0.1	-0.3	-0.2	0.9	0.3	0.1	-0.1	-0.2
1887	-1.2	-1.2	-1.7	-1.4	-1.0	-0.2	0.4	0.4	-0.5	-1.4	-1.6	-0.6	-0.8
1888	-0.8	-1.5	-2.4	-2.3	-0.9	-0.5	-1.2	-1.4	-0.8	-1.4	-1.2	0.9	-1.1
1889	0.3	0.0	-0.9	-0.6	1.0	2.0	1.2	0.0	-0.2	-0.7	0.1	-1.1	0.1
1890	0.2	0.4	-0.3	-0.1	1.0	0.6	-0.3	0.1	0.3	0.8	0.0	-2.1	0.1
1891	-3.2H	-1.9H	-1.1H	-0.9H	-0.3H	-0.6H	0.1	-0.6	0.2	0.6	-0.4	0.4	-0.7*
1892	0.1	-0.1	-1.4	-0.8	-0.6	-0.1	-0.2	-0.5	-0.3	-1.3	-0.2	-0.4	-0.5
1893	-1.2	-0.6	0.8	1.1	1.3	1.0	0.9	1.0	-0.1	-0.6	-1.2	-0.9	0.1
1894	-1.6	-0.1	0.7	1.7	0.5	-0.7	-0.1	-0.8	-1.6	-1.3	-0.1	0.0	-0.3
1895	-1.1	-3.0	-2.5	-1.2	-0.6	-0.4	0.0	0.1	0.9	0.3	-0.2	-0.8	-0.7
1896	-0.3	0.3	0.8	0.7	0.3	1.2	0.9	-0.1	-0.1	-1.3.	-2.0	-1.8	-0.1
1897	-1.5	-1.5	-1.0	1.1	0.4	0.3	0.2	0.9	-0.7	-0.5	-0.1	-0.4	-0.0
1898	0.9	1.3	0.2	0.3	0.4	-0.1	-0.8	0.0	1.0	0.7	1.2	1.6	0.6
1899	1.5	1.4	0.9	0.5	0.2	0.2	0.7	0.9	0.5	-1.1	0.8	0.0	0.5
1900	-0.1	-0.1	0.0	-0.3	-0.5	0.1	0.5	0.3	0.4	0.5	0.3	1.1	0.2
1901	0.2	-0.6	-0.9	-0.7	-0.4	-0.4	0.5	0.7	-0.9	-0.6	-0.3	-0.3	-0.3
1902	1.0	-0.5	-0.2	-0.2	-1.2	-0.7	-0.3	-0.9	-0.6	-1.6	-0.9	-2.2	-0.7
1903	-0.7	0.7	2.0	0.6	-0.2	-0.6	-0.8	-0.9	-0.8	-0.3	0.4	-0.8	-0.1
1904	-1.1	0.3	0.6	0.4	0.3	0.6	0.7	0.9	-0.1	-0.5	0.5	0.7	0.2
1905	0.4	0.4	0.8	0.7	0.3	0.4	1.1	0.5	-0.7	-2.3	-1.9	-0.7	-0.1
1906	0.2	0.3	0.1	-0.3	-0.5	-0.8	-0.5	0.3	0.4	1.0	0.8	-0.3	0.1
1907	-0.8	-1.9	-1.0	-0.7	-0.3	-1.0	-1.5	-1.8	-1.1	0.0	0.5	0.6	-0.8
1908	-1.2	-0.5	-0.6	-0.7	-0.4	0.3	0.1	-0.5	-1.3	0.2	-0.2	-0.2	-0.4
1909	-0.5	-0.9	-1.6	-0.5	0.0	-0.7	-1.4	-0.5	-0.9	0.4	-0.3	-0.7	-0.7
1910	0.7	0.9	1.9	1.0	0.6	1.1	-0.5	-0.4	-0.4	0.4	-0.9	-0.1	0.4
1911	0.6	0.6	0.7	-0.7	0.3	0.4	0.3	1.7	1.8	-0.1	-0.3	0.0	0.4
1912	1.3	0.4	2.5	1.8	1.3	0.9	1.4	-1.0	-2.6	-1.9	-0.8	0.4	0.3
1913	1.3	1.6	1.0	0.7	1.0	0.5	-1.1	-1.1	-0.1	0.9	1.6	1.7	0.7
1914	-0.1	0.2	1.6	2.2	1.1	0.0	0.7	0.2	0.1	-0.4	0.2	0.2	0.5
1915	1.2	0.9	0.5	0.2	0.2	0.0	-0.6	-0.4	-0.5	-0.6	-1.2	-0.7	-0.1
1916	2.3	1.7	0.4	0.2	1.1	-0.7	-1.1	-0.5	-0.7	-0.4	-0.4	-0.8	0.1
1917	-0.5	-2.8	-2.4	-2.7	-1.3H	0.9H	0.5H	-0.1H	-0.2H	-1.1H	-0.7H	-1.3H	-1.0*
1918	-1.5H	0.1H	0.1H	-0.1H	0.5H	0.0H	-0.6H	-0.4H	-1.0H	-1.2H	-0.6H	0.8H	-0.3H
1919	1.0H	-0.5	-0.1	-0.8	0.2	-0.2	-1.9	-1.2	-0.2	-1.4	-2.9	-1.6	-0.8
1920	0.2	1.8	2.0	2.1	1.5	0.9	0.4	-0.9	-1.1	-0.3	-1.1	-1.0	0.4
1921	1.0	1.3	1.6	1.4	1.1	0.5	0.4	0.5	0.4	1.8	-0.4	-0.5	0.8
1922	-0.3	-1.2	0.4	-0.7	-0.1	0.4	-1.2	-1.4	-1.5	-1.6	-1.9	-0.2.	-0.8
1923	0.7	1.1	1.5	0.9	-0.1	-1.8	-0.7	-0.4.	-1.2	-0.8.	-1.1	-1.5	-0.3
1924	-1.6	-0.7	-1.3	-1.7	-0.3	0.6	0.2	-0.9	-1.1	-0.5	-0.5	0.5	-0.6
1925	1.3	1.8	1.0	0.1	0.3	0.8	0.4	0.2	-1.1	-0.6	-0.6	-1.8	0.2
1926	-0.1	1.3.	1.8	1.2	0.0	-0.4	0.3	-0.3	1.0	-0.1	-1.0	-0.2	0.3
1927	0.6	0.4	1.3	1.5	0.5	-0.6.	-0.5	0.0	-0.5	-0.8	-0.2	-1.4	0.0
1928	-1.0	1.4	1.0	0.4	-0.2	-0.6	0.1	0.1	0.4	-0.4	0.4	0.0	0.1
1929	-0.8.	-2.8	-3.2	-2.6	-2.1	-1.2	-1.1	-0.4	1.0	0.5	-0.5	0.9	-1.0
1930	2.2	1.2	0.4	0.3	0.2	0.9	0.3	-0.8	0.0	-0.2	-0.1	0.3	0.4
1931	1.1	0.0.	-0.5	-0.6	0.1	-0.4	0.0	-0.7	-1.4	-0.3	0.0	0.9	-0.1
1932	1.9	1.1	-0.3	-0.4	-0.2	-0.5	0.1	1.0	1.1	-0.4	-0.2	-0.3	0.2
1933	-0.1	-0.7	-0.1	0.3	-0.2	-0.2	0.2	0.6	0.4	0.5	-0.3	-2.5	-0.2
1934	-1.8	-0.8	-0.0	-0.4	-0.7	-0.2	0.6	0.7	1.3	1.0	0.3	2.0	0.1
1935	2.2	1.5	0.9.	0.5.	0.1.	0.1.	1.2.	1.0.	0.7.	-0.2.	0.4.	0.0.	0.7.
1936	1.0.	0.7.	0.7.	0.4.	0.6.	0.3.	0.3.	0.3.	0.8.	-0.2.	-0.4.	-0.2.	0.4.
1937	0.9.	1.3	0.7	0.8	0.9	1.1	0.6	0.5	0.4	0.6	0.7	0.1	0.7
1938	0.9	0.9	1.3	0.6	-0.3	-0.1	-0.1	0.9	0.7	0.5	1.6	0.3	0.6
1939	0.1	0.9	0.8	0.8	0.4	0.8	0.4	0.9	2.0H	-0.2H	0.1H	-0.1H	0.6.
1940	-2.4H	-3.3H	-1.9H	-0.9H	0.2H	0.8H	0.4H	-0.4H	-0.7H	-0.7H	0.1H	-0.6H	-0.8H

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-0.1.	-0.6	-0.1.	-0.1	-0.6	-
1947	-2.2	-3.5	-3.9	-0.6	0.9	1.7	1.8*	2.4*	3.0*	1.9	1.2	0.8	0.3.
1948	2.0	1.9	0.6	1.4	1.7	1.0	-0.8	0.1	0.0.	0.5.	0.6	0.5	0.8
1949	0.7	1.0	0.3	0.4	0.1	0.4*	0.3*	0.8	2.3	2.7	0.0	0.5	0.8.
1950	1.0	1.0	1.0	1.1	0.4	1.7*	1.5*	1.1	0.1	-0.5	-0.5	-0.4	0.7.
1951	-0.7	0.9	0.6	0.1*	0.1*	0.0	0.2	0.4	0.4	0.3	0.7	1.2	0.3.
1952	1.3	0.2	0.3	0.3	1.4	1.4	1.2	0.7	-0.3	-1.6	-1.4	-1.6	0.2
1953	-0.6	-0.4	0.0	0.0	0.0.	-0.3	0.3	0.4	0.0	1.1	1.7	2.5	0.4
1954	1.5	-2.4	-1.4	-0.4	-0.5	-0.2	-0.8	-1.1.	-0.6*	0.0*	0.8	1.6	-0.3.
1955	0.0	-0.7	-1.7	-1.1	-0.3	-1.1	-0.6	0.2	1.2	0.9	1.0	1.3	-0.1
1956	1.2	-1.5	-2.2	-1.7	-1.2	-1.2	-1.0	-1.0	-0.8	0.2	-0.3	0.5	-0.8
1957	1.1	1.3	2.0	1.6	0.2	0.2	0.9	0.2	-0.9	-0.3	0.4	0.5	0.6
1958	0.6	0.4	-0.5	-1.2	-0.6	0.0	-0.1	-0.3	0.9	0.7	1.1	1.3	0.2
1959	0.9	0.2	0.6	1.0	1.2	0.7	1.0	1.2	1.5	1.9	0.6	0.8	1.0
1960	1.7	1.0	0.6	0.6	0.2	0.5	-0.2	0.0	0.2	0.0	0.5	1.0	0.5
1961	0.8	1.5	2.5	2.2	1.9	0.7	0.1	-0.5	0.5	1.4	0.2	-0.1	0.9
1962	-0.1	0.3	-1.3	-1.3	-1.4	-1.3	-1.2*	-1.2	-0.9	0.3	0.1	-0.4	-0.7
1963	-3.0	-4.1	-3.6	-2.0	-0.9	0.1	0.0	0.1	-0.2	0.4	1.4	0.3	-1.0
1964	0.3	0.3	-1.1	-1.0	0.5	1.2	0.4	0.3	0.2	-0.3	0.0	0.1	0.1
1965	-0.1	-0.1	-0.9	-0.6	-0.2	-0.4	-1.0	-1.0	-1.2	-0.2	-0.9	-0.8	-0.6
1966	-0.4	0.3	1.6	0.7	1.0	0.9	-0.1	-0.7	0.1	1.4	0.5	-0.1	0.4
1967	0.6	1.7	2.3	1.2	0.7	0.2	0.8	1.0	0.4	0.5	0.4	0.4	0.9
1968	0.2	0.1	-0.2	0.0	0.3	0.0	-0.2	-0.2	0.4	0.8	0.5	-0.2	0.1
1969	0.3	0.1	-1.1	-1.0	0.0	0.2	0.2	1.0	0.7	2.0	1.1	-0.6	0.2
1970	-1.1	-0.3	-0.4	-1.0	0.2	0.8	-0.2	0.3	0.1	0.8	0.5	1.3	0.1
1971	0.2	0.9	0.3	0.0	0.0	-0.5	0.1	0.5	0.7*	-	-	-	-
1972	-	-	-	-	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	0.1.	-0.5	-0.1	-0.7	-1.5	-1.2.	0.4.	-
1975	2.6	2.4	1.2	-0.8	-1.0.	-1.0	-0.5	1.5*	1.4	0.5	0.3*	0.3*	0.6.
1976	1.8	0.0	-0.7	-0.8	-0.5	0.2	1.7	1.2	1.0.	1.2	1.3	0.1	0.5
1977	-0.5	0.8	2.2	0.7	0.2	-0.5	-0.5	-0.4	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (GR.C): GOEREE (VERLENGDE HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	0.1.	0.3	-0.2	-0.0	0.4	0.5	0.2	0.0	0.0	-0.4	-0.4	-0.3	0.0.
1891-1900	-0.7	-0.4	-0.1	0.2	0.1	0.1	0.2	0.1	0.0	-0.4	-0.2	-0.1	-0.1
1901-1910	-0.2	-0.2	0.0	-0.0	-0.2	-0.2	-0.3	-0.3	-0.6	-0.3	-0.2	-0.4	-0.2
1911-1920	0.6.	0.4	0.6	0.3	0.6.	0.3.	-0.2.	-0.4.	-0.5.	-0.7.	-0.6.	-0.2.	0.0.
1921-1930	0.2	0.4	0.5	0.1	-0.1	-0.1	-0.2	-0.3	-0.3	-0.3	-0.6	-0.4	-0.1
1931-1940	0.4.	0.2.	0.1.	0.1.	0.1.	0.2.	0.4.	0.5.	0.5.	0.1.	0.2.	-0.0.	0.2.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	0.7	-0.1	-0.2	-0.1	0.0.	-0.0	0.1	0.1	0.2	0.3	0.5	0.9	0.2
1961-1970	-0.3	-0.0	-0.2	-0.3	0.2	0.2	-0.1	-0.1	0.0	0.7	0.4	-0.0	0.0
1971-1980	-	-	-	-	-	-	-	-	-	-	-	-	-
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	0.0	-0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	0.0	-0.0	0.0
SIGMA	1.19	1.31	1.33	1.00	0.71	0.71	0.66	0.72	0.84	0.90	0.82	1.00	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.4	0.2	0.2	0.2	0.3	0.1	-0.1	-0.0	-0.2	-0.0	-0.2	-0.1	0.1
AANGEVULD	0.4	0.3	0.4	0.2	0.2	0.1	-0.0	-0.0	-0.1	-0.1	-0.2	-0.1	0.1

WATERTEMP. (SIGMA) GOEREE (VERLENGDE HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

GEM	4.7	4.1	4.8	7.0	10.3	13.8	16.6	17.7	16.8	14.0	10.2	7.0	
SIGMA	1.19	1.31	1.35	1.00	0.71	0.71	0.66	0.72	0.84	0.90	0.82	1.00	
	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881	-0.5H	-0.8H	-0.3H	-0.5H	-0.3H	0.1H	1.1H	-0.1H	-0.1H	-1.7H	-0.9H	0.5H	-0.3H
1882	1.3	0.8	1.6	2.1	2.7	1.0	-0.3	0.0	-0.5	0.6	0.2	-0.1	0.8
1883	1.6	2.0	0.6	-0.1	0.1	1.3	0.6	-0.4	0.2	-0.1	0.4	0.0	0.5
1884	1.1	1.9	1.4	1.6	1.5	0.7	1.8	2.6	1.8	1.0	0.5	0.0	1.3
1885	-0.7*	0.5	0.7	0.9	0.8	1.3	-0.5	0.0	-0.6	-1.2	-1.6	-0.4	-0.1
1886	-0.8	-0.7	-1.4	0.2	0.1	0.1	-0.5	-0.3	1.1	0.3	0.1	-0.1	-0.1
1887	-1.0	-0.9	-1.5	-1.4	-1.4	-0.3	0.6	0.6	-0.6	-1.6	-2.0	-0.6	-0.8
1888	-0.7	-1.1	-1.8	-2.3	-1.3	-0.7	-1.3	-1.9	-1.0	-1.6	-1.5	0.9	-1.2
1889	0.3	0.0	-0.7	-0.6	1.4	2.8	1.8	0.0	-0.2	-0.8	0.1	-1.1	0.3
1890	0.2	0.3	-0.2	-0.1	1.4	0.8	-0.5	0.1	0.4	0.9	0.0	-2.1	0.1
1891	-2.7H	-1.5H	-0.8H	-0.9H	-1.1H	-0.8H	0.2	-0.8	0.2	0.7	-0.5	0.4	-0.6*
1892	0.1	-0.1	-1.0	-0.8	-0.8	-0.1	-0.3	-0.7	-0.4	-1.4	-0.2	-0.4	-0.5
1893	-1.0	-0.5	0.0	1.1	1.8	1.4	1.4	1.4	-0.1	-0.7	-1.5	-0.9	0.3
1894	-1.3	-0.1	0.5	1.7	0.7	-1.0	-0.2	-1.1	-1.9	-1.4	-0.1	0.0	-0.4
1895	-0.9	-2.3	-1.9	-1.2	-0.8	-0.6	0.0	0.1	1.1	0.3	-0.2	-0.8	-0.6
1896	-0.3	0.2	0.6	0.7	0.4	1.7	1.4	-0.1	-0.1	-1.4.	-2.4	-1.8	-0.1
1897	-1.3	-1.1	0.7	1.1	0.6	0.7	0.3	1.3	-0.8	-0.6	-0.1	-0.4	0.0
1898	0.8	1.0	0.1	0.3	0.6	-0.1	-1.2	0.0	1.2	0.8	1.5	1.6	0.5
1899	1.3	1.1	0.7	0.5	0.3	0.3	1.1	1.3	0.6	-1.2	1.0	0.0	0.6
1900	-0.1	-0.1	0.0	-0.3	-0.7	0.1	0.8	0.4	0.5	0.6	0.4	1.1	0.2
1901	0.2	-0.5	-0.7	-0.7	-0.6	-0.6	0.8	1.0	-1.1	-0.7	-0.4	-0.3	-0.3
1902	0.8	-0.4	-0.1	-0.2	-1.7	-1.0	-0.5	-1.3	-0.7	-1.8	-1.1	-2.2	-0.8
1903	-0.6	0.5	1.5	0.6	-0.3	-0.8	-1.2	-1.3	-1.0	-0.3	0.5	-0.8	-0.3
1904	-0.9	0.2	0.0	0.4	0.4	0.0	1.1	1.3	-0.1	-0.6	0.6	0.7	0.3
1905	0.3	0.3	0.6	0.7	0.4	0.6	1.7	0.7	-0.8	-2.6	-2.3	-0.7	-0.1
1906	0.2	0.2	0.1	-0.3	-0.7	-1.1	-0.8	0.4	0.5	1.1	1.0	-0.3	0.0
1907	-0.7	-1.5	-0.7	-0.7	-0.4	-1.4	-2.3	-2.5	-1.3	0.0	0.6	0.6	-0.9
1908	-1.0	-0.4	-0.4	-0.7	-0.6	0.4	0.2	-0.7	-1.5	0.2	-0.2	-0.2	-0.4
1909	-0.4	-0.7	-1.5	-0.5	0.0	-1.0	-2.1	-0.7	-1.1	0.4	-0.4	-0.7	-0.7
1910	0.6	0.7	1.4	1.0	0.8	1.5	-0.3	-0.6	-0.5	0.4	-1.1	-0.1	0.3
1911	0.5	0.5	0.5	-0.7	0.4	0.6	0.5	2.4	2.1	-0.1	-0.4	0.0	0.5
1912	1.1	0.3	1.9	1.6	1.8	1.3	2.1	-1.4	-3.1	-2.1	-1.0	0.4	0.3
1913	1.1	1.2	0.7	0.7	1.4	0.7	-1.7	-1.5	-0.1	1.0	2.0	1.7	0.6
1914	-0.1	0.2	1.2	2.2	1.5	0.0	1.1	0.3	0.1	-0.4	0.2	0.2	0.5
1915	1.0	0.7	0.4	0.2	0.3	0.0	-0.9	-0.6	-0.6	-0.7	-1.5	-0.7	-0.2
1916	1.9	1.3	0.3	0.2	1.5	-1.0	-1.7	-0.7	-0.8	-0.4	-0.5	-0.8	-0.1
1917	-0.4	-2.1	-1.8	-2.7	-1.8H	1.3H	0.8H	-0.1H	-0.2H	-1.2H	-0.9H	-1.3H	-0.9*
1918	-1.3H	0.1H	0.1H	-0.1H	0.7H	0.0H	-0.9H	-0.6H	-1.2H	-1.3H	-0.7H	0.8H	-0.4H
1919	0.8H	-0.4	-0.1	-0.8	0.3	-0.3	-2.9	-1.7	-0.2	-1.6	-3.5	-1.6	-1.0
1920	0.2	1.4	1.5	2.1	2.1	1.3	0.6	-1.3	-1.3	-0.3	-1.3	-1.0	0.3
1921	0.8	1.0	1.3	1.4	1.5	0.7	0.6	0.7	0.5	2.0	-0.5	-0.5	0.8
1922	-0.3	-0.9	0.3	-0.7	-0.1	0.6	-1.8	-1.9	-1.8	-1.8	-2.3	-0.2.	-0.9
1923	0.6	0.8	1.1	0.9	-0.1	-2.5	-1.1	-0.6.	-1.4	-0.9.	-1.3	-1.5	-0.5
1924	-1.3	-0.5	-1.0	-1.7	-0.4	0.8	0.3	-1.3	-1.3	-0.6	-0.6	0.5	-0.6
1925	1.1	1.4	0.7	0.1	0.4	1.1	0.6	0.3	-1.3	-0.7	-0.7	-1.8	0.1
1926	-0.1	1.0.	1.3	1.2	0.0	-0.6	0.5	-0.4	1.2	-0.1	-1.2	-0.2	0.2
1927	0.5	0.3	1.0	1.5	0.7	-0.8.	-0.8	0.0	-0.6	-0.9	-0.2	-1.4	-0.1
1928	-0.8	1.1	0.7	0.4	-0.3	-0.8	0.2	0.1	0.5	-0.4	0.5	0.0	0.1
1929	-0.7.	-2.1	-2.4	-2.6	-3.0	-1.7	-1.7	-0.6	1.2	0.6	-0.6	0.9	-1.1
1930	1.8	0.9	0.3	0.3	0.3	1.3	0.5	-1.1	0.0	-0.2	-0.1	0.3	0.4
1931	0.9	0.5.	-0.4	-0.6	0.1	-0.6	0.0	-1.0	-1.7	-0.3	0.0	0.9	-0.2
1932	1.6	0.8	-0.2	-0.4	-0.3	-0.7	0.2	1.4	1.3	-0.4	-0.2	-0.3	0.2
1933	-0.1	-0.5	-0.1	0.3	-0.3	-0.3	0.3	0.8	0.5	0.6	-0.4	-2.5	-0.1
1934	-1.5	-0.6	-0.4	-0.4	-1.0	-0.3	0.9	1.0	1.5	1.1	0.4	2.0	0.2
1935	1.8	1.1	0.7.	0.5.	0.1.	0.1.	1.8.	1.4.	0.8.	-0.2.	0.5.	0.0.	0.7.
1936	0.8.	0.5.	0.5.	0.4.	0.8.	0.4.	0.5.	0.4.	1.0.	-0.2.	-0.5.	-0.2.	0.4.
1937	0.8.	1.0	0.5	0.8	1.3	1.5	0.9	0.7	0.5	0.7	0.9	0.1	0.8
1938	0.8	0.7	1.0	0.6	-0.4	-0.1	-0.2	1.3	0.8	0.6	2.0	0.3	0.6
1939	0.1	0.7	0.6	0.8	0.6	1.1	0.6	1.3	2.4H	-0.2H	0.1H	-0.1H	0.7.
1940	-2.0H	-2.5H	-1.4H	-0.9H	0.3H	1.1H	0.6H	-0.6H	-0.8H	-0.8H	0.1H	-0.6H	-0.6H

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-0.1.	-0.7	-0.1.	-0.1	-0.6	-
1947	-1.8	-2.7	-2.9	-0.6	1.3	2.4	2.7*	3.3*	3.6*	2.1	1.5	0.8	0.8.
1948	1.7	1.5	0.4	1.4	2.4	1.4	-1.2	0.1	0.0.	0.6.	0.7	0.5	0.8
1949	0.6	0.8	0.2	0.4	0.1	0.6*	0.5*	1.1	2.7	3.0	0.0	0.5	0.9.
1950	0.8	0.8	1.2	1.1	0.6	2.4*	2.3*	1.5	0.1	-0.6	-0.6	-0.4	0.8.
1951	-0.6	0.7	0.4	0.1*	0.1*	0.0	0.3	0.6	0.5	0.3	0.9	1.2	0.4.
1952	1.1	0.2	0.2	0.3	2.0	2.0	1.8	1.0	-0.4	-1.8	-1.7	-1.6	0.3
1953	-0.5	-0.3	0.0	0.0	0.0.	-0.4	0.5	0.6	0.0	1.2	2.1	2.5	0.5
1954	1.3	-1.8	-1.0	-0.4	-0.7	-0.3	-1.2	-1.5.	-0.7*	0.0*	1.0	1.6	-0.3.
1955	0.0	-0.5	-1.3	-1.1	-1.1	-1.5	-0.9	0.3	1.4	1.0	1.2	1.3	-0.1
1956	1.0	-1.1	-1.0	-1.7	-1.7	-1.7	-1.5	-1.4	-1.0	0.2	-0.4	0.5	-0.9
1957	0.9	1.0	1.5	1.6	0.3	0.3	1.4	0.3	-1.1	-0.3	0.5	0.5	0.6
1958	0.5	0.3	-0.4	-1.2	-0.8	0.0	-0.2	-0.4	1.1	0.8	1.3	1.3	0.2
1959	0.8	0.2	0.4	1.0	1.7	1.0	1.5	1.7	1.8	2.1	0.7	0.8	1.1
1960	1.4	0.8	0.4	0.6	0.3	0.7	-0.3	0.0	0.2	0.0	0.6	1.0	0.5
1961	0.7	1.1	1.9	2.2	2.7	1.0	0.2	-0.7	0.6	1.6	0.2	-0.1	0.9
1962	-0.1	0.2	-1.0	-1.3	-2.0	-1.8	-1.8*	-1.7	-1.1	0.3	0.1	-0.4	-0.9
1963	-2.5	-3.1	-2.7	-2.0	-1.3	0.1	0.0	0.1	-0.2	0.4	1.7	0.3	-0.8
1964	0.3	0.2	-0.8	-1.0	0.7	1.7	0.6	0.4	0.2	-0.3	0.0	0.1	0.2
1965	-0.1	-0.1	-0.7	-0.6	-0.3	-0.6	-1.5	-1.4	-1.4	-0.2	-1.1	-0.8	-0.7
1966	-0.3	0.2	1.2	0.7	1.4	1.3	-0.2	-1.0	0.1	1.6	0.6	-0.1	0.5
1967	0.5	1.3	1.7	1.2	1.0	0.3	1.2	1.4	0.5	0.6	0.5	0.4	0.9
1968	0.2	0.1	-0.1	0.0	0.4	0.0	-0.3	-0.3	0.5	0.9	0.6	-0.2	0.1
1969	0.3	0.1	-0.8	-1.0	0.0	0.3	0.3	1.4	0.8	2.2	1.3	-0.6	0.4
1970	-0.9	-0.2	-0.3	-1.0	0.3	1.1	-0.3	0.4	0.1	0.9	0.6	1.3	0.2
1971	0.2	0.7	0.2	0.0	0.0	-0.7	0.2	0.7	0.8*	-	-	-	-
1972	-	-	-	-	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	0.1.	-0.8	-0.1	-0.8	-1.7	-1.5.	0.4.	-
1975	2.2	1.8	0.9	-0.8	-1.4.	-1.4	-0.8	2.1*	1.7	0.6	0.4*	0.3*	0.5.
1976	1.5	0.0	-0.5	-0.8	-0.7	0.3	2.6	1.7	1.2.	1.3	1.6	0.1	0.7
1977	-0.4	0.6	1.6	0.7	0.3	-0.7	-0.8	-0.6	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (SIGMA) GOEREE (VERLENGDE HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	0.1.	0.2	-0.1	-0.0	0.5	0.7	0.2	0.1	0.0	-0.4	-0.5	-0.3	0.0.
1891-1900	-0.5	-0.3	-0.0	0.2	0.1	0.2	0.3	0.2	0.0	-0.4	-0.2	-0.1	-0.1
1901-1910	-0.2	-0.1	0.0	-0.0	-0.3	-0.3	-0.4	-0.4	-0.8	-0.4	-0.3	-0.4	-0.3
1911-1920	0.5.	0.3	0.5	0.3	0.8.	0.4.	-0.3.	-0.5.	-0.5.	-0.7.	-0.8.	-0.2.	-0.0.
1921-1930	0.2	0.3	0.3	0.1	-0.1	-0.2	-0.3	-0.5	-0.3	-0.3	-0.7	-0.4	-0.2
1931-1940	0.3.	0.2.	0.1.	0.1.	0.1.	0.2.	0.6.	0.7.	0.6.	0.1.	0.3.	-0.0.	0.3.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	0.6	-0.1	-0.1	-0.1	-0.0.	0.0	0.1	0.1	0.2	0.4	0.6	0.9	0.2
1961-1970	-0.2	-0.0	-0.2	-0.3	0.3	0.3	-0.2	-0.1	0.0	0.8	0.5	-0.0	0.1
1971-1980	-	-	-	-	-	-	-	-	-	-	-	-	-
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	0.0	-0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	0.0	-0.0	0.0
SIGMA	1.00	1.00	1.00	1.00	0.99	1.01	1.00	1.00	1.00	1.00	0.99	1.00	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.3	0.1	0.2	0.2	0.4	0.2	-0.2	-0.0	-0.2	-0.0	-0.2	-0.1	0.1
AANGEVULD	0.4	0.3	0.3	0.2	0.3	0.2	-0.0	-0.1	-0.1	-0.2	-0.3	-0.1	0.1

GOEREE (VERLENGDE HOMOGENE REEKS)

	JFM	AMJ	JAS	OND
1881	3.8H	10.2H	17.2H	9.8H
1882	6.1	11.9	16.8	10.6
1883	6.3	10.7	17.1	10.5
1884	6.4	11.4	18.6	10.8
1885	4.8.	11.2	16.8	9.5
1886	3.3	10.5	17.2	10.5
1887	3.2	9.5	17.1	9.2
1888	3.0	9.1	15.9	9.8
1889	4.3	11.2	17.4	9.8
1890	4.6	10.9	17.1	10.0
1891	2.5H	9.6H	16.9	10.6
1892	4.1	9.9	16.7	9.8
1893	4.2	11.5	17.6	9.5
1894	4.2	10.9	16.2	9.9
1895	2.3	9.6	17.4	10.2
1896	4.8	11.1	17.3	8.7
1897	3.9	11.0	17.2	10.1
1898	5.3	10.6	17.1	11.6
1899	5.8	10.7	17.7	10.3
1900	4.5	10.1	17.4	11.0
1901	4.1	9.9	17.1	10.0
1902	4.6	9.7	16.4	8.8
1903	5.2	10.3	16.2	10.2
1904	4.3	10.6	17.5	10.6
1905	5.1	10.8	17.3	8.8
1906	4.7	9.8	17.1	10.9
1907	3.3	9.7	15.6	10.8
1908	3.8	10.1	16.5	10.3
1909	3.5	10.0	16.1	10.2
1910	5.7	11.3	16.6	10.2
1911	5.2	10.4	18.3	10.3
1912	5.9	11.7	16.3	9.6
1913	5.8	11.1	16.3	11.8
1914	5.1	11.5	17.4	10.4
1915	5.4	10.5	16.5	9.6
1916	6.0	10.6	16.3	9.9
1917	2.6	9.3*	17.1H	9.4H
1918	4.1H	10.5H	16.4H	10.1H
1919	4.7.	10.1	15.9	8.4
1920	5.9	11.9	16.5	9.6
1921	5.9	11.4	17.5	10.7
1922	4.2	10.2	15.7	9.2
1923	5.6	10.0	16.3	9.3
1924	3.3	9.9	16.4	10.2
1925	5.9	10.8	16.9	9.4
1926	5.5	10.6	17.4	10.0
1927	5.3	10.8	16.7	9.6
1928	5.0	10.2	17.2	10.4
1929	2.3	8.4	16.9	10.7
1930	5.8	10.8	16.9	10.4
1931	4.9	10.1	16.3	10.6
1932	5.4	10.0	17.8	10.1
1933	4.2	10.3	17.4	9.6
1934	3.5	9.9	17.9	11.5
1935	6.1	10.6.	18.0.	10.5.
1936	5.3.	10.8.	17.5.	10.1.
1937	5.5	11.3	17.5	10.9
1938	5.6	10.4	17.5	11.2
1939	5.1	11.0	18.1.	10.3H
1940	2.0H	10.4H	16.8H	10.0H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	10.1
1947	1.3	11.0	19.4*	11.7
1948	6.0	11.7	16.8	10.9
1949	5.2	10.7.	18.2.	11.5
1950	5.7	11.4.	17.9.	9.9
1951	4.8	10.4*	17.4	11.1
1952	5.1	11.4	17.6	8.9
1953	4.2	10.3	17.3	12.2
1954	3.8	10.0	16.2*	11.2.
1955	3.7	9.4	17.3	11.5
1956	3.7	9.0	16.1	10.5
1957	6.0	11.0	17.1	10.6
1958	4.7	9.8	17.2	11.4
1959	5.1	11.3	18.3	11.5
1960	5.6	10.8	17.0	10.9
1961	6.1	12.0	17.1	10.9
1962	4.2	9.0	15.9.	10.4
1963	1.0	9.4	17.0	11.1
1964	4.4	10.6	17.3	10.3
1965	4.2	10.0	16.0	9.8
1966	5.0	11.2	16.8	11.0
1967	6.1	11.1	17.8	10.8
1968	4.6	10.5	17.0	10.8
1969	4.3	10.1	17.7	11.2
1970	3.9	10.4	17.1	11.3
1971	5.0	10.2	17.5.	-
1972	-	-	-	-
1973	-	-	-	-
1974	-	-	16.6	9.6.
1975	6.6	9.4	17.8.	10.8*
1976	4.9	10.0	18.3	11.3
1977	5.4	10.5	-	-
1978	-	-	-	-
1979	-	-	-	-
1980	-	-	-	-
1981	-	-	-	-
1982	-	-	-	-

GOEREE (VERLENGDE HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM

	JFM	AMJ	JAS	OND
1881	-0.7H	-0.2H	0.2H	-0.6H
1882	1.6	1.6	-0.2	0.2
1883	1.8	0.3	0.1	0.1
1884	1.9	1.1	1.5	0.4
1885	0.3.	0.8	-0.3	-0.9
1886	-1.2	0.1	0.1	0.1
1887	-1.4	-0.9	0.1	-1.2
1888	-1.6	-1.2	-1.1	-0.6
1889	-0.2	0.8	0.3	-0.6
1890	0.1	0.5	0.0	-0.4
1891	-2.1H	-0.8H	-0.1	0.2
1892	-0.5	-0.5	-0.3	-0.6
1893	-0.3	1.1	0.6	-0.9
1894	-0.3	0.5	-0.8	-0.5
1895	-2.2	-0.7	0.3	-0.2
1896	0.3	0.7	0.2	-1.7
1897	-0.7	0.7	0.1	-0.3
1898	0.8	0.2	0.1	1.2
1899	1.3	0.3	0.7	-0.1
1900	-0.1	-0.2	0.4	0.6
1901	-0.4	-0.5	0.1	-0.4
1902	0.1	-0.7	-0.6	-1.6
1903	0.7	-0.1	-0.8	-0.2
1904	-0.3	0.2	0.5	0.2
1905	0.5	0.5	0.3	-1.6
1906	0.2	-0.5	0.1	0.5
1907	-1.2	-0.7	-1.5	0.4
1908	-0.8	-0.3	-0.6	-0.1
1909	-1.1	-0.4	-0.9	-0.2
1910	1.2	0.9	-0.4	-0.2
1911	0.6	-0.0	1.3	-0.1
1912	1.4	1.3	-0.7	-0.8
1913	1.3	0.7	-0.8	1.4
1914	0.6	1.1	0.3	0.0
1915	0.9	0.1	-0.5	-0.8
1916	1.5	0.2	-0.8	-0.5
1917	-1.9	-1.0*	0.1H	-1.0H
1918	-0.4H	0.1H	-0.7H	-0.3H
1919	0.1.	-0.3	-1.1	-2.0
1920	1.3	1.5	-0.5	-0.8
1921	1.4	1.0	0.4	0.3
1922	-0.4	-0.1	-1.4	-1.2
1923	1.1	-0.3	-0.8	-1.1
1924	-1.2	-0.5	-0.6	-0.2
1925	1.4	0.4	-0.2	-1.0
1926	1.0	0.3	0.3	-0.4
1927	0.8	0.5	-0.3	-0.8
1928	0.5	-0.1	0.2	0.0
1929	-2.3	-2.0	-0.2	0.3
1930	1.3	0.5	-0.2	-0.0
1931	0.4	-0.3	-0.7	0.2
1932	0.9	-0.4	0.7	-0.3
1933	-0.3	-0.0	0.4	-0.8
1934	-1.1	-0.4	0.9	1.1
1935	1.5	0.2.	1.0.	0.1.
1936	0.8.	0.4.	0.5.	-0.3.
1937	1.0	0.9	0.5	0.5
1938	1.0	0.1	0.5	0.8
1939	0.6	0.7	1.1.	-0.1H
1940	-2.5H	0.0H	-0.2H	-0.4H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-0.3
1947	-3.2	0.7	2.4*	1.3
1948	1.5	1.4	-0.2	0.5
1949	0.7	0.3.	1.1.	1.1
1950	1.2	1.1.	0.9.	-0.5
1951	0.3	0.1*	0.3	0.7
1952	0.6	1.0	0.5	-1.5
1953	-0.3	-0.1	0.2	1.8
1954	-0.8	-0.4	-0.8*	0.8.
1955	-0.8	-1.0	0.3	1.1
1956	-0.8	-1.4	-0.9	0.1
1957	1.5	0.7	0.1	0.2
1958	0.2	-0.6	0.2	1.0
1959	0.6	1.0	1.2	1.1
1960	1.1	0.4	0.0	0.5
1961	1.6	1.6	0.0	0.5
1962	-0.4	-1.3	-1.1.	0.0
1963	-3.6	-0.9	-0.0	0.7
1964	-0.2	0.2	0.3	-0.1
1965	-0.4	-0.4	-1.1	-0.6
1966	0.5	0.9	-0.2	0.6
1967	1.5	0.7	0.7	0.4
1968	0.0	0.1	-0.0	0.4
1969	-0.2	-0.3	0.6	0.8
1970	-0.6	0.0	0.1	0.9
1971	0.5	-0.2	0.4.	-
1972	-	-	-	-
1973	-	-	-	-
1974	-	-	-0.4	-0.8.
1975	2.1	-0.9	0.8.	0.4*
1976	0.4	-0.4	1.3	0.9
1977	0.8	0.1	-	-
1978	-	-	-	-
1979	-	-	-	-
1980	-	-	-	-
1981	-	-	-	-
1982	-	-	-	-

GOEREE (VERLENGDE HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM
GENORMEERD OP SIGMA

	JFM	AMJ	JAS	OND
1881	-0.5H	-0.2H	0.3H	-0.7H
1882	1.2	1.9	-0.3	0.2
1883	1.4	0.4	0.1	0.1
1884	1.5	1.3	2.1	0.5
1885	0.2.	1.0	-0.3	-1.1
1886	-1.0	0.2	0.1	0.1
1887	-1.1	-1.0	0.2	-1.4
1888	-1.2	-1.4	-1.6	-0.7
1889	-0.1	1.2	0.5	-0.6
1890	0.1	0.7	0.0	-0.4
1891	-1.7H	-1.0H	-0.1	0.2
1892	-0.3	-0.6	-0.5	-0.7
1893	-0.3	1.4	0.9	-1.0
1894	-0.3	0.5	-1.1	-0.5
1895	-1.7	-0.9	0.4	-0.2
1896	0.2	0.9	0.4	-1.9
1897	-0.6	0.8	0.2	-0.4
1898	0.6	0.2	-0.0	1.3
1899	1.0	0.4	1.0	-0.1
1900	-0.1	-0.3	0.6	0.7
1901	-0.3	-0.6	0.2	-0.4
1902	0.1	-1.0	-0.8	-1.7
1903	0.5	-0.2	-1.1	-0.2
1904	-0.2	0.3	0.7	0.3
1905	0.4	0.6	0.5	-1.9
1906	0.2	-0.7	0.0	0.6
1907	-1.0	-0.8	-2.0	0.4
1908	-0.6	-0.3	-0.7	-0.1
1909	-0.8	-0.5	-1.3	-0.2
1910	0.9	1.1	-0.6	-0.3
1911	0.5	0.1	1.7	-0.2
1912	1.1	1.6	-0.8	-0.9
1913	1.0	0.9	-1.1	1.6
1914	0.4	1.2	0.5	-0.0
1915	0.7	0.2	-0.7	-0.9
1916	1.2	0.3	-1.1	-0.6
1917	-1.4	-1.1*	0.1H	-1.1H
1918	-0.4H	0.2H	-0.9H	-0.4H
1919	0.1.	-0.3	-1.6	-2.2
1920	1.0	1.8	-0.7	-0.9
1921	1.1	1.2	0.6	0.3
1922	-0.3	-0.1	-1.8	-1.4
1923	0.8	-0.6	-1.0	-1.2
1924	-0.9	-0.4	-0.8	-0.2
1925	1.1	0.5	-0.1	-1.1
1926	0.7	0.2	0.4	-0.5
1927	0.6	0.5	-0.5	-0.8
1928	0.3	-0.2	0.3	0.0
1929	-1.7	-2.4	-0.3	0.3
1930	1.0	0.6	-0.2	-0.0
1931	0.3	-0.3	-0.9	0.2
1932	0.7	-0.5	0.9	-0.3
1933	-0.2	-0.1	0.5	-0.8
1934	-0.9	-0.6	1.1	1.2
1935	1.2	0.3.	1.3.	0.1.
1936	0.6.	0.6.	0.6.	-0.3.
1937	0.8	1.2	0.7	0.5
1938	0.8	0.0	0.6	0.9
1939	0.5	0.8	1.4.	-0.1H
1940	-2.0H	0.2H	-0.3H	-0.4H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-0.3
1947	-2.5	1.0	3.2*	1.5
1948	1.2	1.7	-0.4	0.6
1949	0.5	0.4.	1.4.	1.2
1950	0.9	1.4.	1.3.	-0.5
1951	0.2	0.1*	0.4	0.8
1952	0.5	1.4	0.8	-1.7
1953	-0.3	-0.1	0.3	1.9
1954	-0.5	-0.5	-1.2*	0.9.
1955	-0.6	-1.3	0.3	1.2
1956	-0.6	-1.7	-1.3	0.1
1957	1.1	0.7	0.2	0.2
1958	0.1	-0.7	0.2	1.1
1959	0.5	1.2	1.7	1.2
1960	0.9	0.5	-0.0	0.5
1961	1.2	2.0	0.0	0.6
1962	-0.3	-1.7	-1.5.	0.0
1963	-2.8	-1.0	-0.0	0.8
1964	-0.1	0.5	0.4	-0.1
1965	-0.3	-0.5	-1.4	-0.7
1966	0.4	1.1	-0.3	0.7
1967	1.2	0.8	1.0	0.5
1968	0.0	0.1	-0.0	0.4
1969	-0.2	-0.2	0.8	1.0
1970	-0.5	0.1	0.1	0.9
1971	0.4	-0.2	0.6.	-
1972	-	-	-	-
1973	-	-	-	-
1974	-	-	-0.6	-0.9.
1975	1.6	-1.2	1.0.	0.4*
1976	0.3	-0.4	1.8	1.0
1977	0.6	0.1	-	-
1978	-	-	-	-
1979	-	-	-	-
1980	-	-	-	-
1981	-	-	-	-
1982	-	-	-	-

H A A K S — T E X E L

BIJLAGE 7

WATERTEMP. (GR.C): HAAKS - TEXEL (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	-	-	-	-	-	-	-	-	-	-	-	-	-
1887	-	-	-	-	-	-	-	-	-	-	-	-	-
1888	-	-	-	-	-	-	-	-	-	-	-	-	-
1889	-	-	-	-	-	-	-	-	-	-	-	-	-
1890	6.2	4.9	4.7	7.0	10.5	13.4	15.2	16.9	16.5	14.5	10.5	4.8	10.4
1891	1.1	2.7	4.6	5.8	8.5	11.6	15.1	15.3	16.2	14.6	10.9	8.5	9.5
1892	5.7	5.2	3.7	5.3	9.0	12.5	14.9	16.2	15.9	13.2	10.9	7.7	10.1
1893	4.4	4.0	4.8	6.9	10.5	14.0	16.6	17.8	17.1	14.7	10.3	8.0	10.8
1894	4.6	5.1	5.9	8.7	11.0	13.0	16.3	16.9	15.7	13.4	11.5	8.6	10.9
1895	5.6	2.1	2.8	5.9	9.3	12.8	15.4	17.2	17.6	14.7	10.8	6.8	10.1
1896	5.1	5.2	5.0	7.6	10.5	14.1	16.6	16.9	16.4	13.6	9.3	6.4	10.6
1897	4.2	3.6	5.4	7.3	10.2	14.2	16.1	17.9	16.5	14.0	10.9	8.3	10.7
1898	7.7	7.4	5.8	7.2	10.0	13.3	14.7	16.8	16.9	14.5	12.3	10.1	11.4
1899	8.0	6.7	6.1	7.3	9.6	12.6	16.3	17.7	16.8	13.4	11.8	7.8	11.2
1900	6.2	4.2	4.5	6.5	9.7	13.1	16.3	17.1	16.9	14.4	11.4	9.3	10.8
1901	5.7	4.9	4.5	6.3	9.5	13.1	16.4	17.8	16.3	14.4	10.6	7.8	10.6
1902	6.7	3.6	4.7	6.6	8.7	12.7	15.1	15.8	15.4	12.5	9.7	5.2	9.7
1903	4.9	5.2	6.4	7.5	9.6	12.7	14.9	15.9	15.6	13.8	11.0	6.8	10.4
1904	4.8	4.7	4.4	7.1	9.6	12.9	16.3	17.8	16.0	13.4	10.8	8.4	10.5
1905	5.9	5.0	5.3	6.7	9.9	13.5	16.8	17.5	15.8	11.9	9.0	6.9	10.4
1906	5.8	5.1	5.3	5.6	9.1	11.7	14.8	17.0	16.4	14.6	11.5	7.8	10.4
1907	5.3	3.5	4.4	6.7	9.6	12.3	14.6	15.4	15.4	14.7	12.0	8.8	10.2
1908	4.4	4.7	4.8	6.3	9.8	13.6	15.8	16.5	15.2	14.1	10.2	8.2	10.3
1909	5.7	3.9	3.3	6.2	9.7	12.5	14.6	16.1	15.2	14.3	10.7	7.0	9.9
1910	6.1	5.1	6.0	7.4	10.1	14.2	15.4	16.6	15.7	14.0	9.8	7.5	10.7
1911	5.9	5.1	5.5	5.6	9.8	13.0	15.4	16.4	17.9	13.9	10.4	8.0*	10.7
1912	6.3	4.6	6.9	8.4	10.7	13.3	16.9	16.4	14.0	11.9	9.5	8.0	10.6
1913	6.1	5.4	5.6	7.3	10.5	13.5	14.8	15.7	16.3	14.7	12.5	9.2	11.0
1914	5.0	4.7	5.8	8.5	11.1	13.2	16.6	17.7H	16.8H	13.9H	11.0H	8.5H	11.1*
1915	7.2H	5.6H	5.6H	7.2H	9.9H	13.4H	15.4H	17.0H	16.2H	13.6H	9.6H	7.5H	10.7H
1916	7.6H	6.3H	5.3H	7.2H	10.5H	12.3H	14.4H	16.3H	15.7H	13.9H	10.7H	7.4H	10.6H
1917	4.9H	2.1H	2.1H	4.0H	8.3H	13.7H	15.7H	16.6*	15.9*	12.8*	9.6*	6.0*	9.3H
1918	2.8*	3.8*	4.2*	6.1*	9.6*	13.0*	15.0*	16.6*	15.3*	12.5*	10.0*	8.4*	9.8*
1919	6.2*	4.2*	5.4*	6.2*	9.4*	12.8*	13.9*	15.5*	15.3*	12.1*	7.5	6.1	9.5*
1920	5.3	5.6	6.5	3.7	11.2	14.0	16.4	16.2	15.4	13.7	9.6	6.8	10.8
1921	6.8	6.0	6.7	8.3	10.9	13.8	15.9	17.5	17.0	15.9	10.5	6.4	11.3
1922	5.2	3.8	5.0	6.3	9.9	13.6	14.7	15.9	15.3	12.7	10.0	7.6	10.0
1923	6.3	5.5	6.6	7.5	9.3	10.7	15.3	16.3	15.4	13.4	10.1	6.7	10.2
1924	3.9	3.6	3.7	5.1	8.8	12.7	15.7	16.5	15.9	13.9	10.5	9.1	10.0
1925	7.4.	6.7	6.2	7.3	10.4	13.4	16.4	17.1	15.3	13.3	10.3	6.8	10.9
1926	5.8	5.8	7.1	8.4	10.4	13.2	16.4	17.2	17.5	14.3	10.5	7.8	11.2
1927	6.5	5.8	6.6	8.3	10.4	12.7	15.5	17.2	16.4	13.6.	10.8	6.5.	10.9
1928	4.4	5.5	5.0	7.4	9.6	12.6	15.6	17.0	16.9	14.1	11.8.	7.9.	10.7
1929	4.7	2.1	2.5	4.9	8.5	12.0	14.7	16.4	17.0	14.5	10.8	8.6.	9.7
1930	7.5.	5.7	5.3	7.2	10.3	13.7	16.1	16.4	16.4	14.0	10.8	8.4	11.0
1931	6.7	5.3	4.0	6.5	8.9	12.1	14.8	16.7	15.4	13.8	10.9	8.9	10.4
1932	7.6	6.1	4.7	6.6	9.6	12.9	16.3	17.8	17.4	14.1	11.0	8.0	11.0
1933	6.0	4.5	5.0	7.0	10.2	13.3	17.0	18.5	17.8	15.7	10.8	5.2	11.1
1934	3.9	3.7	4.6	5.6	9.2	12.9	16.3	17.6	17.4	15.0	11.0	9.9	10.6
1935	7.9	6.5	5.9	7.2	9.6	13.2	16.7	17.6	16.7	14.1	11.2	7.7	11.2
1936	6.6	5.2	5.8	7.1	10.0	13.4	15.8	17.1	17.1	14.0	10.7	8.0	10.9
1937	6.5	5.7	5.4	7.3	10.2	13.9	16.1	17.3	16.6	14.4	11.2	8.0	11.0
1938	6.7	6.1	6.1	7.5	9.4.	13.0*	15.4.	17.7	16.9	14.7	12.2	8.1	11.2.
1939	0.1	5.3	6.0	7.6	10.0	13.8	16.3	17.7	18.5H	13.7H	10.8H	7.7H	11.1.
1940	3.4H	0.9H	2.9H	5.5H	9.7H	14.0H	16.3H	16.7H	15.8H	13.6H	11.1H	7.6H	9.8H

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	5.3	9.9	14.5	17.5	19.5	19.6	15.9*	11.2	7.9	-
1948	6.8	6.0	5.2	8.4	11.7	14.6	15.6.	17.1*	16.6*	14.5	10.9	8.8	11.4.
1949	6.2	5.6	5.4	7.7	10.4	13.4	16.0	17.7	18.6*	16.5*	11.4.	8.4	11.4.
1950	6.4	5.0	6.2	7.9	10.3	14.7	17.1	18.6	16.5*	13.5*	10.0*	6.7	11.1.
1951	4.9	4.9	5.0	6.8	9.6	13.3	15.8*	17.2	16.8	14.1	11.4	8.7	10.7
1952	6.7	4.5	5.2	6.8	10.7	13.8	16.5	17.5	16.3	12.4.	9.3	6.0	10.5
1953	4.9	4.5	4.9	6.9*	9.6*	13.4	16.2	17.5	16.5	15.0	12.6	10.3	11.0.
1954	6.9	1.8	3.6	6.1	9.4	13.4	14.7	15.8*	15.8*	13.8	11.1	9.1	10.1.
1955	5.0	4.0	2.5	5.0	8.3	11.4.	14.7	17.3	17.5	14.6	11.1	8.4	10.0
1956	6.5	2.4	2.7	5.3	8.8	12.2	14.8	15.7	15.4	14.0	10.0	7.7	9.6
1957	6.4	6.2	6.7	6.6	10.4	13.7	17.0	17.4	15.7	13.6	11.1	7.6	11.2
1958	6.1	5.1	3.9	5.1	8.7	12.5	15.2	16.7	16.9	14.4	11.2	8.5	10.4
1959	6.2	4.2	5.3	7.8	11.1	14.1	17.1	18.1	17.6	15.1	11.0	7.8	11.3
1960	6.4	5.0	5.5	6.9	9.8	13.6	15.2	16.9	16.3	13.8	11.1	8.8	10.8
1961	6.1	6.1	7.0	8.5	11.3	14.0	15.9	16.5	16.8	15.6	10.9	7.5	11.4
1962	5.5	5.0	3.0	5.7	8.6	11.9	14.2	15.7	15.5	14.2	10.3	7.7	9.8
1963	1.2	-0.1	1.4	4.4	8.0	12.4	14.8	16.4	15.8	13.2	11.3	7.0	8.8
1964	4.9	4.5	3.4	5.4	9.4	13.4	15.7	17.3	16.5	13.4	10.6	7.9.	10.2
1965	5.5	4.4	4.1	6.6	9.6	12.3	15.0	16.3	15.5	14.1	9.8	7.1.	10.0
1966	4.5	4.3	5.8	6.7	10.5	13.8	15.8	16.4	16.3	14.8	10.9	7.5	10.6
1967	5.6	5.4	6.4	7.6	10.4	13.3	16.6	17.8	16.9	14.7	10.9	7.9	11.1
1968	5.1	4.3	4.4	6.6	9.5	13.1	15.5	16.6	16.6	14.5	10.5	6.9	10.3
1969	6.0	4.6	3.3	5.4	9.2	13.0	16.5	18.3	17.0	15.3	11.8	7.1	10.6
1970	4.2	3.9	4.3	5.9	10.2	14.3	15.7	17.4	16.6	14.4	11.4	8.9	10.6
1971	5.8	5.8	5.2	7.0	10.4	13.3	16.2	17.4	17.2	15.7	11.3	8.5	11.2
1972	5.7	4.2	5.0	7.2	10.0	12.9	16.0	17.1	15.9	13.2	10.4	8.2	10.5
1973	6.4	5.9	6.1	7.1	10.0	13.7	16.7	17.6	17.4	13.9	10.3	6.4	11.0
1974	5.8	6.1	6.1	8.1	10.4	13.7	15.6	17.4	15.9	12.5	9.7	7.9	10.8
1975	7.2	5.9	5.8	6.7	9.4	13.1	16.2	18.8	17.5	13.9	10.7	7.8	11.1
1976	6.8	3.8	4.2	6.4	9.4	13.7	17.3	18.3	16.8	15.2	11.8	8.0	11.0
1977	5.7	5.4	6.7	7.2	9.9	12.8	15.6.	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (GR.C): HAAKS - TEXEL (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	5.3	4.6	4.9	6.9	9.8	13.1	15.8	17.0	16.6	14.1	11.0	8.2	10.6
1901-1910	5.5	4.6	4.9	6.6	9.6	12.9	15.5	16.6	15.7	13.8	10.5	7.4	10.3
1911-1920	5.7*	4.8*	5.3*	6.9*	10.1*	13.3*	15.5*	16.6*	15.9*	13.3*	10.0*	7.6*	10.4*
1921-1930	5.9	5.1	5.5	7.1	9.9	12.8	15.6	16.7	16.3	14.0	10.6	7.6	10.6
1931-1940	6.1	4.9	5.2	6.8	9.7.	13.3.	16.1.	17.5	17.0.	14.3.	11.1.	7.9.	10.8.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	6.0	4.3	4.5	6.5	9.6	13.1	15.7	17.0	16.5	14.1	11.0	8.3	10.6
1961-1970	4.9	4.2	4.4	6.3	9.7	13.2	15.6	16.9	16.4	14.4	10.8	7.6	10.3
1971-1980	-	-	-	-	-	-	-	-	-	-	-	-	-
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	5.6	4.6	4.9	6.7	9.7	13.1	15.7	17.0	16.4	14.1	10.8	7.8	10.5
SIGMA	1.35	1.40	1.26	1.01	0.72	0.77	0.75	0.74	0.76	0.77	0.71	1.02	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	5.9	5.0	5.4	7.0	10.0	13.3	15.9	17.1	16.4	14.1	10.7	7.8	10.7
AANGEVULD	5.9	4.9	5.3	7.0	9.9	13.2	15.7	17.0	16.3	13.9	10.6	7.8	10.6

WATERTEMP. (GR.C): HAAKS - TEXEL (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

GEM	5.6	4.6	4.9	6.7	9.7	13.1	15.7	17.0	16.4	14.1	10.8	7.8	
	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	-	-	-	-	-	-	-	-	-	-	-	-	-
1887	-	-	-	-	-	-	-	-	-	-	-	-	-
1888	-	-	-	-	-	-	-	-	-	-	-	-	-
1889	-	-	-	-	-	-	-	-	-	-	-	-	-
1890	0.6	0.3	-0.2	0.3	0.8	0.3	-0.5	-0.1	0.1	0.4	-0.3	-3.0	-0.1
1891	-4.5	-1.9	-0.9	-0.9	-1.2	-1.5	-0.6	-1.7	-0.2	0.5	0.1	0.7	-1.0
1892	0.1	0.6	-1.2	-0.9	-0.7	-0.6	-0.8	-0.8	-0.5	-0.9	0.1	-0.1	-0.5
1893	-1.2	-0.6	-0.1	0.2	0.8	0.9	0.9	0.8	0.7	0.6	-0.5	0.2	0.2
1894	-1.0	0.5	1.0	2.0	1.3	-0.1	0.6	-0.1	-0.7	-0.7	0.7	0.8	0.4
1895	0.0	-2.5	-2.1	-0.8	-0.4	-0.3	-0.3	0.2	1.2	0.6	0.0	-1.0	-0.5
1896	-0.5	0.6	0.7	0.9	0.8	1.0	0.9	-0.1	0.0	-0.5	-1.5	-1.4	0.1
1897	-1.4	-1.0	0.5	0.6	0.5	1.1	0.4	0.9	0.1	-0.1	0.1	0.5	0.2
1898	2.1	2.8	0.9	0.5	0.3	-0.1	-1.0	-0.2	0.5	0.4	1.5	2.3	0.8
1899	2.4	2.1	1.2	0.6	-0.1	-0.5	0.6	0.7	0.4	-0.7	1.0	0.0	0.6
1900	0.6	-0.4	-0.4	-0.2	0.0	0.0	0.6	0.1	0.5	0.3	0.6	1.5	0.3
1901	0.1	0.3	-0.4	-0.4	-0.2	0.0	0.7	0.8	-0.1	0.3	-0.2	0.0	0.1
1902	1.1	-1.0	-0.2	-0.1	-1.0	-0.4	-0.6	-1.2	-1.0	-1.6	-1.1	-2.6	-0.8
1903	-0.7	0.6	1.5	0.8	-0.1	-0.4	-0.8	-1.1	-0.8	-0.3	0.2	-1.0	-0.2
1904	-0.8	0.1	-0.5	0.4	-0.1	-0.2	0.6	0.8	-0.4	-0.7	0.0	0.6	-0.0
1905	0.3	0.4	0.4	0.0	0.2	0.4	1.1	0.5	-0.6	-2.2	-1.8	-0.9	-0.2
1906	0.2	0.5	0.4	-1.1	-0.6	-1.4	-0.9	0.0	0.0	0.5	0.7	0.0	-0.1
1907	-0.3	-1.1	-0.5	0.0	-0.1	-0.3	-1.1	-1.6	-1.0	0.6	1.2	1.0	-0.3
1908	-1.2	0.1	-0.1	-0.4	0.1	0.5	0.1	-0.5	-1.2	0.0	-0.6	0.4	-0.2
1909	0.1	-0.7	-1.0	-0.5	0.0	-0.6	-1.1	-0.9	-1.2	0.2	-0.1	-0.8	-0.6
1910	0.5	0.5	1.1	0.7	0.4	1.1	-0.3	-0.4	-0.7	-0.1	-1.0	-0.3	0.1
1911	0.3	0.5	0.6	-1.1	0.1	-0.1	-0.3	1.4	1.5	-0.2	-0.4	0.2*	0.2
1912	0.7	0.0	2.0	1.7	1.0	0.7	1.2	-0.6	-2.4	-2.2	-1.3	0.2	0.1
1913	0.5	0.8	0.7	0.6	0.8	0.4	-0.9	-1.3	-0.1	0.6	1.7	1.4	0.4
1914	-0.6	0.1	0.9	1.8	1.4	0.1	0.9	0.7H	0.4H	-0.2H	0.2H	0.7H	0.5*
1915	1.6H	1.2H	0.7H	0.5H	0.2H	0.3H	-0.3H	0.0H	-0.2H	-0.5H	-1.2H	-0.3H	0.2H
1916	2.0H	1.7H	0.4H	0.5H	0.8H	-0.8H	-1.3H	-0.7H	-0.7H	-0.2H	-0.1H	-0.4H	0.1H
1917	-0.7H	-2.5H	-2.8H	-2.7H	-1.4H	0.6H	0.0H	-0.4*	-0.5*	-1.3*	-1.2*	-1.8*	-1.2H
1918	-2.8*	-0.8*	-0.7*	-0.6*	-0.1*	-0.1*	-0.7*	-0.4*	-1.1*	-1.6*	-0.8*	0.6*	-0.8*
1919	0.6*	-0.4*	0.5*	-0.5*	-0.3*	-0.3*	-1.8*	-1.5*	-1.1*	-2.0*	-3.3	-1.7	-1.0*
1920	-0.3	1.0	1.0	2.0	1.5	0.9	0.7	-0.8	-1.0	-0.4	-1.2	-1.0	0.3
1921	1.2	1.4	1.8	1.0	1.2	0.7	0.2	0.5	0.6	1.8	-0.3	-1.4	0.8
1922	-0.4	-0.8	0.7.	-0.4	0.2	0.5	-1.0	-1.1	-1.1	-1.4	-0.8	-0.2	-0.5
1923	0.7	0.9	1.1	0.8	-0.4	-2.4	-0.4	-0.7	-1.0	-0.7	-0.7	-1.1	-0.3
1924	-1.7	-1.0	-1.2	-1.6	-0.9	-0.4	0.0	-0.5	-0.5	-0.2	-0.3	1.3	-0.6
1925	1.8.	2.1	1.3	0.6	0.7	0.3	0.7	0.1	-1.1	-0.8	-0.5	-1.0	0.4
1926	0.2	1.2	2.2	1.7	0.7	0.1	0.7	0.2	1.1	0.2	-0.3	0.0	0.7
1927	0.9	1.2	1.7	1.6	0.7	-0.4	-0.2	0.2	0.0	-0.5.	0.0	-1.3.	0.3
1928	-1.2	0.9	0.7	0.7	-0.1	-0.5	-0.1	0.0	0.5	0.0	1.0.	0.1.	0.2
1929	-0.9	-2.5	-2.4	-1.8	-1.2	-1.1	-1.0	-0.6	0.6	0.4	0.0	0.8.	-0.8
1930	1.9.	1.1	0.4	0.5	0.6	0.6	0.4	-0.6	0.0	-0.1	0.0	0.6	0.4
1931	1.1	0.7	-0.3	-0.4	-0.8	-1.0	-0.9	-0.3	-1.0	-0.3	0.1	1.1	-0.2
1932	2.0	1.5	-0.2	-0.1	-0.1	-0.2	0.6	0.8	1.0	0.0	0.2	0.2	0.5
1933	0.4	-0.1	0.7	0.9	0.5	0.7	1.3	1.5	1.4	1.6	0.0	-2.6	0.5
1934	-1.7	-0.9	-0.3	-1.1	-0.5	-0.2	0.6	0.6	1.0	0.9	0.2	2.1	0.1
1935	2.3	1.9	1.0	0.5	-0.1	0.1	1.0	0.6	0.3	0.0	0.4	-0.1	0.7
1936	1.0	0.6	0.9	0.4	0.3	0.3	0.1	0.1	0.7	-0.1	-0.1	0.2	0.4
1937	0.9	1.1	0.5	0.6	0.5	0.8	0.4	0.3	0.2	0.3	0.4	0.2	0.5
1938	1.1	1.5	1.2	0.8	-0.3.	-0.1*	-0.3.	0.7	0.5	0.6	1.4	0.3	0.6.
1939	0.5	0.7	1.1	0.9	0.5	0.7	0.6	0.7	2.1H	-0.4H	0.0H	-0.1H	0.6.
1940	-2.2H	-3.7H	-2.0H	-1.2H	0.0H	0.9H	0.6H	-0.3H	-0.6H	-0.5H	0.3H	-0.2H	-0.7H

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-1.4	0.2	1.4	1.8	2.5	3.2	1.8*	0.4	0.1	-
1948	1.2	1.4	0.3	1.7	2.0	1.5	-0.1.	0.1*	0.2*	0.4	0.1	1.0	0.8.
1949	0.6	1.0	0.5	1.0	0.7	0.3	0.3	0.7	2.2*	2.4*	0.6.	0.6	0.9.
1950	0.8	0.4	1.3	1.2	0.6	1.6	1.4	1.6	0.1*	-0.6*	-0.8*	-1.1	0.5.
1951	-0.7	0.3	0.1	0.1	-0.1	0.2	0.1*	0.2	0.4	0.0	0.6	0.9	0.2
1952	1.1	-0.1	0.3	0.1	1.0	0.7	0.8	0.5	-0.1	-1.7.	-1.5	-1.8	-0.1
1953	-0.7	-0.1	0.0	0.2*	-0.1*	0.3	0.5	0.5	0.1	0.9	1.8	2.5	0.5.
1954	1.3	-2.8	-1.3	-0.0	-0.3	0.3	-1.0	-1.2*	-0.6*	-0.3	0.3	1.3	-0.4.
1955	-0.6	-0.6	-2.4	-1.7	-1.4	-1.7.	-1.0	0.3	1.1	0.5	0.3	0.6	-0.5
1956	0.9	-2.2	-2.2	-1.4	-0.9	-0.9	-0.9	-1.3	-1.0	-0.1	-0.8	-0.1	-0.9
1957	0.8	1.6	1.8	1.9	0.7	0.6	1.3	0.4	-0.7	-0.5	0.3	-0.2	0.7
1958	0.5	0.5	-1.0	-1.6	-1.0	-0.6	-0.5	-0.3	0.5	0.3	0.4	0.7	-0.2
1959	0.6	-0.4	0.4	1.1	1.4	1.0	1.4	1.1	1.2	1.0	0.2	0.0	0.8
1960	0.8	0.4	0.6	0.2	0.1	0.5	-0.5	-0.1	-0.1	-0.3	0.3	1.0	0.2
1961	0.5	1.5	2.1	1.8	1.6	0.9	0.2	-0.5	0.4	1.5	0.1	-0.3	0.8
1962	-0.1	0.4	-1.3	-1.0	-1.1	-1.2	-1.5	-1.3	-0.9	0.1	-0.5	-0.1	-0.7
1963	-4.4	-4.7	-3.5	-2.3	-1.7	-0.7	-0.9	-0.6	-0.6	-0.9	0.5	-0.8	-1.7
1964	-0.7	-0.1	-1.5	-1.3	-0.3	0.3	0.0	0.3	0.1	-0.7	-0.2	0.1.	-0.3
1965	-0.1	-0.2	-0.8	-0.1	-0.1	-0.8	-0.7	-0.7	-0.9	0.0	-1.0	-0.7.	-0.5
1966	-1.1	-0.3	0.9	0.0	0.8	0.7	0.1	-0.6	-0.1	0.7	0.1	-0.3	0.1
1967	0.0	0.8	1.5	0.9	0.7	0.2	0.9	0.8	0.5	0.6	0.1	0.1	0.6
1968	-0.5	-0.3	-0.5	-0.1	-0.2	0.0	-0.2	-0.4	0.2	0.4	-0.3	-0.9	-0.2
1969	0.4	0.0	-1.6	-1.3	-0.5	-0.1	0.8	1.3	0.6	1.2	1.0	-0.7	0.1
1970	-1.4	-0.7	-0.6	-0.8	0.5	1.2	0.0	0.4	0.2	0.3	0.6	1.1	0.1
1971	0.2	1.2	0.3	0.3	0.7	0.2	0.5	0.4	0.8	1.6	0.5	0.7	0.6
1972	0.1	-0.4	0.1	0.5	0.3	-0.2	0.3	0.1	-0.5	-0.9	-0.4	0.4	-0.1
1973	0.8	1.3	1.2	0.4	0.3	0.6	1.0	0.6	1.0	-0.2	-0.5	-1.4	0.4
1974	0.2	1.5	1.2	1.4	0.7	0.6	-0.1	0.4	-0.5	-1.6	-1.1	0.1	0.2
1975	1.6	1.3	0.9	0.0	-0.3	0.0	0.5	1.8	1.1	-0.2	-0.1	0.0	0.6
1976	1.2	-0.8	-0.7	-0.3	-0.3	0.6	1.6	1.3	0.4	1.1	1.0	0.2	0.4
1977	0.1	0.8	1.8	0.5	0.2	-0.3	-0.1.	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (GR.C): HAAKS - TEXEL (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	-0.3	0.0	-0.0	0.2	0.1	-0.0	0.1	-0.0	0.2	-0.1	0.2	0.4	0.1
1901-1910	-0.1	-0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.4	-0.7	-0.3	-0.3	-0.4	-0.2
1911-1920	0.1*	0.2*	0.4*	0.2*	0.4*	0.2*	-0.3*	-0.4*	-0.5*	-0.8*	-0.8*	-0.2*	-0.1*
1921-1930	0.3	0.4	0.0	0.4	0.2	-0.3	-0.1	-0.2	-0.1	-0.1	-0.2	-0.2	0.1
1931-1940	0.5	0.3	0.3	0.1	-0.0.	0.2.	0.4.	0.5	0.6.	0.2.	0.3.	0.1.	0.3.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	0.4	-0.3	-0.4	-0.2	-0.1	0.0	0.0	0.0	0.1	-0.0	0.2	0.5	0.0
1961-1970	-0.7	-0.4	-0.5	-0.4	-0.0	0.1	-0.1	-0.1	-0.1	0.3	0.0	-0.3	-0.2
1971-1980	-	-	-	-	-	-	-	-	-	-	-	-	-
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	0.0	0.0	-0.0	0.0	0.0	-0.0	0.0	-0.0	0.0	-0.0	0.0	0.0	0.0
SIGMA	1.35	1.40	1.26	1.01	0.72	0.77	0.75	0.74	0.76	0.77	0.71	1.02	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.3	0.4	0.5	0.3	0.3	0.2	0.2	0.1	0.0	0.0	-0.1	0.0	0.2
AANGEVULD	0.3	0.3	0.4	0.3	0.2	0.1	-0.0	-0.0	-0.1	-0.2	-0.2	-0.0	0.1

WATERTEMP. (SIGMA) HAAKS - TEXEL (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

GEM	5.6	4.6	4.9	6.7	9.7	13.1	15.7	17.0	16.4	14.1	10.8	7.8	
SIGMA	1.35	1.40	1.26	1.01	0.72	0.77	0.75	0.74	0.76	0.77	0.71	1.02	
	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	-	-	-	-	-	-	-	-	-	-	-	-	-
1887	-	-	-	-	-	-	-	-	-	-	-	-	-
1888	-	-	-	-	-	-	-	-	-	-	-	-	-
1889	-	-	-	-	-	-	-	-	-	-	-	-	-
1890	0.4	0.2	-0.2	0.3	1.1	0.4	-0.7	-0.1	0.1	0.5	-0.4	-2.9	-0.1
1891	-3.3	-1.4	-0.7	-0.9	-1.7	-1.9	-0.8	-2.3	-0.3	0.6	0.1	0.7	-1.0
1892	0.1	0.4	-1.0	-0.9	-1.0	-0.8	-1.1	-1.1	-0.7	-1.2	0.1	-0.1	-0.6
1893	-0.9	-0.4	-0.1	0.2	1.1	1.2	1.2	1.1	0.9	0.8	-0.7	0.2	0.4
1894	-0.7	0.4	0.8	2.0	1.8	-0.1	0.8	-0.1	-0.9	-0.9	1.0	0.8	0.4
1895	0.0	-1.8	-1.7	-0.8	-0.6	-0.4	-0.4	0.3	1.6	0.8	0.0	-1.0	-0.3
1896	-0.4	0.4	0.6	0.9	1.1	1.3	1.2	-0.1	0.0	-0.6	-2.1	-1.4	0.1
1897	-1.0	-0.7	0.4	0.6	0.7	1.4	0.5	1.2	0.1	-0.1	0.1	0.5	0.3
1898	1.6	2.0	0.7	0.5	0.4	-0.1	-1.3	-0.3	0.7	0.5	2.1	2.3	0.7
1899	1.8	1.5	1.0	0.6	-0.1	-0.6	0.8	0.9	0.5	-0.9	1.4	0.0	0.6
1900	0.4	-0.3	-0.3	-0.2	0.0	0.0	0.8	0.1	0.7	0.4	0.8	1.5	0.3
1901	0.1	0.2	-0.3	-0.4	-0.3	0.0	0.9	1.1	-0.1	0.4	-0.3	0.0	0.1
1902	0.8	-0.7	-0.2	-0.1	-1.4	-0.5	-0.8	-1.6	-1.3	-2.1	-1.5	-2.5	-1.0
1903	-0.5	0.4	1.2	0.8	-0.1	-0.5	-1.1	-1.5	-1.1	-0.4	0.3	-1.0	-0.3
1904	-0.6	0.1	-0.4	0.4	-0.1	-0.3	0.8	1.1	-0.5	-0.9	0.0	0.6	0.0
1905	0.2	0.3	0.3	0.0	0.3	0.5	1.5	0.7	-0.8	-2.9	-2.5	-0.9	-0.3
1906	0.1	0.4	0.3	-1.1	-0.8	-1.8	-1.2	0.0	0.0	0.6	1.0	0.0	-0.2
1907	-0.2	-0.8	-0.4	0.0	-0.1	-1.0	-1.5	-2.2	-1.3	0.8	1.7	1.0	-0.3
1908	-0.9	0.1	-0.1	-0.4	0.1	0.6	0.1	-0.7	-1.6	0.0	-0.8	0.4	-0.3
1909	0.1	-0.5	-1.3	-0.5	0.0	-0.8	-1.5	-1.2	-1.6	0.3	-0.1	-0.8	-0.7
1910	0.4	0.4	0.9	0.7	0.6	1.4	-0.4	-0.5	-0.9	-0.1	-1.4	-0.3	0.0
1911	0.2	0.4	0.5	-1.1	0.1	-0.1	-0.4	1.9	2.0	-0.3	-0.6	0.2*	0.2
1912	0.5	0.6	1.6	1.7	1.4	0.9	1.6	-0.8	-3.2	-2.9	-1.8	0.2	-0.1
1913	0.4	0.6	0.6	0.6	1.1	0.5	-1.2	-1.8	-0.1	0.8	2.4	1.4	0.4
1914	-0.4	0.1	0.7	1.8	1.9	0.1	1.2	0.9H	0.5H	-0.3H	0.3H	0.7H	0.6*
1915	1.2H	0.9H	0.0H	0.5H	0.3H	0.4H	-0.4H	0.0H	-0.3H	-0.6H	-1.7H	-0.3H	0.0H
1916	1.5H	1.2H	0.3H	0.5H	1.1H	-1.0H	-1.7H	-0.9H	-0.9H	-0.3H	-0.1H	-0.4H	-0.1H
1917	-0.5H	-1.8H	-2.2H	-2.7H	-1.9H	0.8H	0.0H	-0.5*	-0.7*	-1.7*	-1.7*	-1.8*	-1.2H
1918	-2.1*	-0.6*	-0.6*	-0.6*	-0.1*	-0.1*	-0.9*	-0.5*	-1.4*	-2.1*	-1.1*	0.6*	-0.8*
1919	0.4*	-0.3*	0.4*	-0.5*	-0.4*	-0.4*	-2.4*	-2.0*	-1.4*	-2.6*	-4.6	-1.7	-1.3*
1920	-0.2	0.7	1.3	2.0	2.1	1.2	0.9	-1.1	-1.3	-0.5	-1.7	-1.0	0.2
1921	0.9	1.0	1.4	1.6	1.7	0.9	0.3	0.7	0.8	2.3	-0.4	-1.4	0.8
1922	-0.3	-0.6	0.0	-0.4	0.3	0.6	-1.3	-1.5	-1.4	-1.8	-1.1	-0.2	-0.6
1923	0.5	0.6	0.9	0.8	-0.6	-3.1	-0.5	-0.9	-1.3	-0.9	-1.0	-1.1	-0.6
1924	-1.3	-0.7	-1.0	-1.0	-1.3	-0.5	0.0	-0.7	-0.7	-0.3	-0.4	1.3	-0.6
1925	1.3.	1.5	1.0	0.6	1.0	0.4	0.9	0.1	-1.4	-1.0	-0.7	-1.0	0.2
1926	0.1	0.9	1.7	1.7	1.0	0.1	0.9	0.3	1.4	0.3	-0.4	0.0	0.7
1927	0.7	0.9	1.3	1.0	1.0	-0.5	-0.3	0.3	0.0	-0.6.	0.0	-1.3.	0.2
1928	-0.9	0.6	0.0	0.7	-0.1	-0.6	-0.1	0.0	0.7	0.0	1.4.	0.1.	0.2
1929	-0.7	-1.8	-1.9	-1.8	-1.7	-1.4	-1.3	-0.8	0.8	0.5	0.0	0.8.	-0.8
1930	1.4.	0.8	0.3	0.5	0.8	0.8	0.5	-0.8	0.0	-0.1	0.0	0.6	0.4
1931	0.8	0.5	-0.2	-0.4	-1.1	-1.3	-1.2	-0.4	-1.3	-0.4	0.1	1.1	-0.3
1932	1.5	1.1	-0.2	-0.1	-0.1	-0.3	0.8	1.1	1.3	0.0	0.3	0.2	0.5
1933	0.3	-0.1	0.6	0.9	0.7	0.9	1.7	2.0	1.8	2.1	0.0	-2.5	0.7
1934	-1.3	-0.6	-0.2	-1.1	-0.7	-0.3	0.8	0.8	1.3	1.2	0.3	2.1	0.2
1935	1.7	1.4	0.8	0.5	-0.1	0.1	1.3	0.8	0.4	0.0	0.6	-0.1	0.6
1936	0.7	0.4	0.7	0.4	0.4	0.4	0.1	0.1	0.9	-0.1	-0.1	0.2	0.4
1937	0.7	0.8	0.4	0.6	0.7	1.0	0.5	0.4	0.3	0.4	0.6	0.2	0.5
1938	0.8	1.1	1.0	0.8	-0.4.	-0.1*	-0.4.	0.9	0.7	0.8	2.0	0.3	0.6.
1939	0.4	0.5	0.9	0.9	0.4	0.9	0.8	0.9	2.8H	-0.5H	0.0H	-0.1H	0.7.
1940	-1.6H	-2.6H	-1.6H	-1.2H	0.0H	1.2H	0.3H	-0.4H	-0.8H	-0.6H	0.4H	-0.2H	-0.6H

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-1.4	0.3	1.8	2.4	3.4	4.2	2.3*	0.6	0.1	-
1948	0.9	1.0	0.2	1.7	2.8	1.9	-0.1.	0.1*	0.3*	0.5	0.1	1.0	0.9.
1949	0.4	0.7	0.4	1.0	1.0	0.4	0.4	0.9	2.9*	3.1*	0.8.	0.6	1.1.
1950	0.6	0.3	1.0	1.2	0.8	2.1	1.9	2.2	0.1*	-0.8*	-1.1*	-1.1	0.6.
1951	-0.5	0.2	0.1	0.1	-0.1	0.3	0.1*	0.3	0.5	0.0	0.8	0.9	0.2
1952	0.8	-0.1	0.2	0.1	1.4	0.9	1.1	0.7	-0.1	-2.2.	-2.1	-1.8	-0.1
1953	-0.5	-0.1	0.0	0.2*	-0.1*	0.4	0.7	0.7	0.1	1.2	2.5	2.5	0.6.
1954	1.0	-2.0	-1.0	-0.6	-0.4	0.4	-1.3	-1.6*	-0.8*	-0.4	0.4	1.3	-0.4.
1955	-0.4	-0.4	-1.9	-1.7	-1.9	-2.2.	-1.3	0.4	1.4	0.6	0.4	0.6	-0.5
1956	0.7	-1.6	-1.7	-1.4	-1.3	-1.2	-1.2	-1.8	-1.3	-0.1	-1.1	-0.1	-1.0
1957	0.6	1.1	1.4	1.9	1.0	0.8	1.7	0.5	-0.9	-0.6	0.4	-0.2	0.6
1958	0.4	0.4	-0.8	-1.6	-1.4	-0.8	-0.7	-0.4	0.7	0.4	0.6	0.7	-0.2
1959	0.4	-0.3	0.3	1.1	1.9	1.3	1.9	1.5	1.6	1.3	0.3	0.0	0.9
1960	0.6	0.3	0.5	0.2	0.1	0.6	-0.7	-0.1	-0.1	-0.4	0.4	1.0	0.2
1961	0.4	1.1	1.7	1.8	2.2	1.2	0.3	-0.7	0.5	1.9	0.1	-0.3	0.8
1962	-0.1	0.3	-1.0	-1.0	-1.5	-1.6	-2.0	-1.8	-1.2	0.1	-0.7	-0.1	-0.9
1963	-3.3	-3.4	-2.8	-2.3	-2.4	-0.9	-1.2	-0.8	-0.8	-1.2	0.7	-0.8	-1.6
1964	-0.5	-0.1	-1.2	-1.3	-0.4	0.4	0.0	0.4	0.1	-0.9	-0.3	0.1.	-0.3
1965	-0.1	-0.1	-0.6	-0.1	-0.1	-1.0	-0.9	-0.9	-1.2	0.0	-1.4	-0.7.	-0.6
1966	-0.8	-0.2	0.7	0.0	1.1	0.9	0.1	-0.8	-0.1	0.9	0.1	-0.3	0.1
1967	0.0	0.6	1.2	0.9	1.0	0.3	1.2	1.1	0.7	0.8	0.1	0.1	0.7
1968	-0.4	-0.2	-0.4	-0.1	-0.3	0.0	-0.3	-0.5	0.3	0.5	-0.4	-0.9	-0.2
1969	0.3	0.0	-1.3	-1.3	-0.7	-0.1	1.1	1.8	0.8	1.6	1.4	-0.7	0.2
1970	-1.0	-0.5	-0.5	-0.8	0.7	1.6	0.0	0.5	0.3	0.4	0.8	1.1	0.2
1971	0.1	0.9	0.2	0.3	1.0	0.3	0.7	0.5	1.1	2.1	0.7	0.7	0.7
1972	0.1	-0.3	0.1	0.5	0.4	-0.3	0.4	0.1	-0.7	-1.2	-0.6	0.4	-0.1
1973	0.6	0.9	1.0	0.4	0.4	0.8	1.3	0.8	1.3	-0.3	-0.7	-1.4	0.4
1974	0.1	1.1	1.0	1.4	1.0	0.8	-0.1	0.5	-0.7	-2.1	-1.5	0.1	0.1
1975	1.2	0.9	0.7	0.0	-0.4	0.0	0.7	2.4	1.4	-0.3	-0.1	0.0	0.5
1976	0.9	-0.6	-0.6	-0.3	-0.4	0.8	2.1	1.8	0.5	1.4	1.4	0.2	0.6
1977	0.1	0.6	1.4	0.5	0.3	-0.4	-0.1.	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (SIGMA) HAAKS - TEXEL (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	-0.3	0.0	-0.0	0.2	0.2	-0.0	0.2	-0.0	0.3	-0.1	0.3	0.3	0.1
1901-1910	-0.1	-0.0	0.0	-0.1	-0.2	-0.2	-0.3	-0.5	-0.9	-0.4	-0.4	-0.4	-0.3
1911-1920	0.1*	0.1*	0.3*	0.2*	0.6*	0.2*	-0.3*	-0.5*	-0.7*	-1.0*	-1.1*	-0.2*	-0.2*
1921-1930	0.2	0.3	0.5	0.4	0.2	-0.3	-0.1	-0.3	-0.1	-0.2	-0.3	-0.2	0.0
1931-1940	0.4	0.2	0.2	0.1	-0.0.	0.3.	0.5.	0.6	0.7.	0.3.	0.4.	0.1.	0.3.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	0.3	-0.2	-0.3	-0.2	-0.1	0.1	0.0	0.0	0.1	-0.0	0.3	0.5	0.0
1961-1970	-0.5	-0.3	-0.4	-0.4	-0.0	0.1	-0.2	-0.2	-0.1	0.4	0.1	-0.2	-0.2
1971-1980	-	-	-	-	-	-	-	-	-	-	-	-	-
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	0.0	0.0	-0.0	0.0	0.0	-0.0	0.0	-0.1	-0.0	0.0	0.1	0.0	0.0
SIGMA	1.00	1.00	1.00	1.00	0.99	1.00	0.99	1.00	1.00	1.00	1.00	1.00	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.2	0.3	0.4	0.3	0.4	0.2	0.2	0.2	0.0	0.0	-0.2	0.0	0.2
AANGEVULD	0.3	0.2	0.3	0.3	0.3	0.1	-0.0	-0.1	-0.1	-0.2	-0.2	-0.0	0.1

HAAKS - TEXEL (HOMOGENE REEKS)

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	-	-	-	-
1885	-	-	-	-
1886	-	-	-	-
1887	-	-	-	-
1888	-	-	-	-
1889	-	-	-	-
1890	5.3	10.3	16.2	9.9
1891	2.6	8.6	15.5	11.3
1892	4.9	9.1	15.7	10.6
1893	4.4	10.5	17.2	11.0
1894	5.2	10.9	16.3	11.2
1895	3.5	9.3	16.7	10.8
1896	5.3	10.7	16.6	9.8
1897	4.4	10.6	16.8	11.1
1898	7.0	10.1	16.1	12.3
1899	6.9	9.8	16.9	11.0
1900	5.0	9.8	16.8	11.7
1901	5.0	9.6	16.8	10.9
1902	5.0	9.3	15.4	9.1
1903	5.5	9.9	15.5	10.5
1904	4.6	9.9	16.7	10.9
1905	5.4	10.0	16.7	9.3
1906	5.4	8.8	16.1	11.3
1907	4.4	9.5	15.1	11.8
1908	4.6	9.9	15.8	10.8
1909	4.3	9.5	15.3	10.7
1910	5.7	10.6	15.9	10.4
1911	5.5	9.5	17.2	10.8.
1912	5.9	11.0	15.8	9.8
1913	5.7	10.4	15.6	12.1
1914	5.2	10.9	17.0*	11.1H
1915	6.2H	10.2H	16.2H	10.2H
1916	6.4H	10.0H	15.5H	10.7H
1917	3.0H	8.7H	16.1*	9.5*
1918	3.6*	9.6*	15.6*	10.3*
1919	5.3*	9.5*	14.9*	8.6.
1920	5.8	11.3	16.0	10.0
1921	6.5	11.0	16.8	10.9
1922	4.9	9.9	15.3	10.1
1923	5.9	9.2	15.7	10.1
1924	3.7	8.9	16.0	11.2
1925	6.8	10.4	16.3	10.1
1926	6.2	10.7	17.0	10.9
1927	6.3	10.5	16.4	10.3.
1928	5.2	9.9	16.5	11.3.
1929	3.1	8.5	16.0	11.3
1930	6.2	10.4	16.3	11.1
1931	5.5	9.1	15.6	11.2
1932	6.1	9.7	17.2	11.0
1933	5.4	10.5	17.8	10.6
1934	4.1	9.2	17.1	12.0
1935	6.8	10.0	17.0	11.0
1936	5.9	10.2	16.7	10.9
1937	5.9	10.5	16.7	11.2
1938	6.3	10.0*	16.7	11.7
1939	5.8	10.5	17.5.	10.7H
1940	2.4H	9.7H	16.3H	10.8H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-
1947	-	9.9	18.9	11.7.
1948	6.0	11.6	16.4*	11.4
1949	5.7	10.5	17.4.	12.1*
1950	5.9	11.0	17.4.	10.1*
1951	4.9	9.9	16.6.	11.4
1952	5.5	10.4	16.8	9.2
1953	4.8	10.0*	16.7	12.6
1954	4.1	9.6	15.4*	11.3
1955	3.8	8.2	16.5	11.4
1956	3.9	8.8	15.3	10.6
1957	6.4	10.9	16.7	10.8
1958	5.0	8.8	16.3	11.4
1959	5.2	11.0	17.6	11.3
1960	5.6	10.1	16.1	11.2
1961	6.4	11.3	16.4	11.3
1962	4.7	8.7	15.1	10.7
1963	0.8	8.3	15.7	10.5
1964	4.3	9.4	16.5	10.6
1965	4.7	9.5	15.6	10.3
1966	4.9	10.3	16.2	11.1
1967	5.8	10.4	17.1	11.2
1968	4.6	9.7	16.2	10.6
1969	4.6	9.2	17.3	11.4
1970	4.1	10.1	16.6	11.6
1971	5.6	10.2	16.9	11.8
1972	5.0	10.0	16.3	10.6
1973	6.1	10.3	17.2	10.2
1974	6.0	10.7	16.3	10.0
1975	6.3	9.7	17.5	10.8
1976	4.9	9.8	17.5	11.7
1977	5.9	10.0	-	-
1978	-	-	-	-
1979	-	-	-	-
1980	-	-	-	-
1981	-	-	-	-
1982	-	-	-	-

HAAKS - TEXEL (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	-	-	-	-
1885	-	-	-	-
1886	-	-	-	-
1887	-	-	-	-
1888	-	-	-	-
1889	-	-	-	-
1890	0.2	0.5	-0.2	-1.0
1891	-2.4	-1.2	-0.8	0.4
1892	-0.2	-0.7	-0.7	-0.3
1893	-0.6	0.6	0.8	0.1
1894	0.2	1.1	-0.1	0.3
1895	-1.5	-0.5	0.4	-0.1
1896	0.3	0.9	0.3	-1.1
1897	-0.6	0.7	0.5	0.2
1898	1.9	0.2	-0.2	1.4
1899	1.9	0.0	0.6	0.1
1900	-0.1	-0.1	0.4	0.8
1901	0.0	-0.2	0.5	0.0
1902	-0.0	-0.5	-0.9	-1.8
1903	0.5	0.1	-0.9	-0.4
1904	-0.4	0.0	0.3	-0.0
1905	0.4	0.2	0.3	-1.6
1906	0.4	-1.0	-0.3	0.4
1907	-0.6	-0.3	-1.2	0.9
1908	-0.4	0.1	-0.5	-0.1
1909	-0.7	-0.4	-1.1	-0.2
1910	0.7	0.7	-0.5	-0.5
1911	0.5	-0.4	0.9	-0.1.
1912	0.9	1.1	-0.6	-1.1
1913	0.7	0.6	-0.8	1.2
1914	0.1	1.1	0.7*	0.2H
1915	1.2H	0.3H	-0.2H	-0.7H
1916	1.4H	0.2H	-0.9H	-0.2H
1917	-2.0H	-1.2H	-0.3*	-1.4*
1918	-1.4*	-0.3*	-0.7*	-0.6*
1919	0.2*	-0.4*	-1.5*	-2.3.
1920	0.8	1.5	-0.4	-0.9
1921	1.5	1.2	0.4	0.0
1922	-0.2	0.1	-1.1	-0.8
1923	0.9	-0.7	-0.7	-0.8
1924	-1.3	-1.0	-0.3	0.3
1925	1.7	0.5	-0.1	-0.8
1926	1.2	0.8	0.7	-0.0
1927	1.3	0.6	0.0	-0.6.
1928	0.1	0.0	0.1	0.4.
1929	-1.9	-1.4	-0.3	0.4
1930	1.1	0.6	-0.1	0.2
1931	0.5	-0.7	-0.7	0.3
1932	1.1	-0.1	0.8	0.1
1933	0.3	0.7	1.4	-0.3
1934	-1.0	-0.6	0.7	1.1
1935	1.7	0.2	0.6	0.1
1936	0.8	0.3	0.3	0.0
1937	0.8	0.6	0.3	0.3
1938	1.3	0.1*	0.3	0.8
1939	0.8	0.6	1.1.	-0.2H
1940	-2.6H	-0.1H	-0.1H	-0.1H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-
1947	-	0.1	2.5	0.8.
1948	1.0	1.7	0.1*	0.5
1949	0.7	0.7	1.1.	1.2*
1950	0.8	1.1	1.0.	-0.8*
1951	-0.1	0.1	0.2.	0.5
1952	0.4	0.6	0.4	-1.7
1953	-0.3	0.1*	0.4	1.7
1954	-0.9	-0.2	-0.9*	0.4
1955	-1.2	-1.6	0.1	0.5
1956	-1.2	-1.1	-1.1	-0.3
1957	1.4	1.1	0.3	-0.1
1958	0.0	-1.1	-0.1	0.5
1959	0.2	1.2	1.2	0.4
1960	0.6	0.3	-0.2	0.3
1961	1.4	1.4	0.0	0.4
1962	-0.3	-1.1	-1.2	-0.2
1963	-4.2	-1.6	-0.7	-0.4
1964	-0.8	-0.4	0.1	-0.3
1965	-0.4	-0.3	-0.8	-0.6
1966	-0.2	0.5	-0.2	0.2
1967	0.8	0.6	0.7	0.3
1968	-0.4	-0.1	-0.1	-0.3
1969	-0.4	-0.6	0.9	0.5
1970	-0.9	0.3	0.2	0.7
1971	0.6	0.4	0.6	0.9
1972	-0.1	0.2	-0.0	-0.3
1973	1.1	0.4	0.9	-0.7
1974	1.0	0.9	-0.1	-0.9
1975	1.3	-0.1	1.1	-0.1
1976	-0.1	0.0	1.1	0.8
1977	0.9	0.1	-	-
1978	-	-	-	-
1979	-	-	-	-
1980	-	-	-	-
1981	-	-	-	-
1982	-	-	-	-

HAAKS - TEXEL (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM
GENORMEERD OP SIGMA

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	-	-	-	-
1885	-	-	-	-
1886	-	-	-	-
1887	-	-	-	-
1888	-	-	-	-
1889	-	-	-	-
1890	0.2	0.6	-0.2	-0.9
1891	-1.8	-1.5	-1.1	0.5
1892	-0.1	-0.9	-0.9	-0.4
1893	-0.5	0.8	1.1	0.1
1894	0.1	1.2	-0.1	0.3
1895	-1.2	-0.6	0.5	-0.1
1896	0.2	1.1	0.4	-1.4
1897	-0.5	0.9	0.6	0.2
1898	1.4	0.3	-0.3	1.6
1899	1.4	-0.1	0.8	0.2
1900	-0.1	-0.1	0.5	0.9
1901	-0.0	-0.2	0.6	0.0
1902	-0.0	-0.7	-1.2	-2.1
1903	0.4	0.0	-1.2	-0.4
1904	-0.3	-0.0	0.5	-0.1
1905	0.3	0.3	0.5	-2.1
1906	0.3	-1.2	-0.4	0.5
1907	-0.5	-0.4	-1.6	1.1
1908	-0.3	0.1	-0.7	-0.2
1909	-0.6	-0.4	-1.4	-0.2
1910	0.5	0.9	-0.6	-0.6
1911	0.4	-0.4	1.2	-0.2.
1912	0.7	1.3	-0.8	-1.5
1913	0.5	0.7	-1.0	1.5
1914	0.1	1.3	0.9*	0.2H
1915	0.9H	0.4H	-0.2H	-0.9H
1916	1.0H	0.2H	-1.2H	-0.3H
1917	-1.5H	-1.3H	-0.4*	-1.7*
1918	-1.1*	-0.3*	-1.0*	-0.9*
1919	0.2*	-0.4*	-2.0*	-3.0.
1920	0.6	1.7	-0.5	-1.1
1921	1.1	1.4	0.6	0.2
1922	-0.1	0.2	-1.4	-1.0
1923	0.7	-1.0	-0.9	-1.0
1924	-1.0	-1.1	-0.4	0.2
1925	1.3	0.7	-0.1	-0.9
1926	0.9	0.9	0.9	-0.1
1927	1.0	0.7	0.0	-0.6.
1928	0.1	-0.0	0.2	0.5.
1929	-1.5	-1.6	-0.5	0.4
1930	0.8	0.7	-0.1	0.2
1931	0.4	-0.9	-1.0	0.3
1932	0.8	-0.2	1.1	0.2
1933	0.3	0.8	1.9	-0.2
1934	-0.7	-0.7	1.0	1.2
1935	1.3	0.2	0.8	0.2
1936	0.6	0.4	0.4	-0.0
1937	0.6	0.8	0.4	0.4
1938	0.9	0.1*	0.4	1.0
1939	0.6	0.7	1.5.	-0.2H
1940	-2.0H	-0.0H	-0.1H	-0.1H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-
1947	-	0.2	3.3	1.0.
1948	0.7	2.1	0.1*	0.5
1949	0.5	0.8	1.4.	1.5*
1950	0.6	1.4	1.4.	-1.0*
1951	-0.1	0.1	0.3.	0.6
1952	0.3	0.8	0.5	-2.0
1953	-0.2	0.1*	0.5	2.1
1954	-0.7	-0.2	-1.2*	0.4
1955	-0.9	-1.9	0.2	0.6
1956	-0.9	-1.3	-1.4	-0.5
1957	1.1	1.2	0.5	-0.1
1958	-0.0	-1.3	-0.1	0.5
1959	0.2	1.4	1.6	0.5
1960	0.5	0.3	-0.3	0.3
1961	1.0	1.7	0.0	0.6
1962	-0.3	-1.4	-1.6	-0.2
1963	-3.1	-1.8	-0.9	-0.4
1964	-0.6	-0.4	0.2	-0.4
1965	-0.3	-0.4	-1.0	-0.7
1966	-0.1	0.7	-0.3	0.3
1967	0.6	0.7	1.0	0.3
1968	-0.3	-0.1	-0.2	-0.3
1969	-0.3	-0.7	1.2	0.8
1970	-0.7	0.5	0.3	0.8
1971	0.4	0.5	0.8	1.2
1972	-0.0	0.2	-0.0	-0.4
1973	0.8	0.5	1.2	-0.8
1974	0.7	1.0	-0.1	-1.2
1975	0.9	-0.1	1.5	-0.1
1976	-0.1	0.0	1.5	1.0
1977	0.7	0.1	-	-
1978	-	-	-	-
1979	-	-	-	-
1980	-	-	-	-
1981	-	-	-	-
1982	-	-	-	-

T E R S C H E L L I N G E R B A N K

BIJLAGE 8

WATERTEMP. (GR.C): TERSCHELLINGERBANK (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	5.0H	3.2H	2.6	5.8	9.0	12.7	15.2	16.6	17.3	14.2	10.8	7.4	10.0.
1887	4.0	3.5	3.6	5.4	8.3	12.5	15.6	16.8	15.9	12.5	8.9	6.5	9.5
1888	4.6	2.7	1.2	4.2	8.7	12.0	14.3	15.6	15.6	12.6	8.9	8.2	9.1
1889	6.0	5.3	4.2	6.3	10.7	14.9	16.4	16.8	15.9	12.7	10.3	7.1	10.6
1890	6.0	4.8	4.4	6.8	10.5	13.5	15.3	17.1	16.5	14.6	10.6	5.1	10.4
1891	1.0	2.5	3.9	5.5	9.1	12.1	15.4	16.2	16.6	14.9	10.5	8.1	9.7
1892	5.2	4.7	3.4	5.5	9.1	12.9	15.1	16.3	16.1	13.2	10.3	7.5	9.9
1893	4.0	4.5	5.6	7.3	10.7	14.2	17.1	17.8	16.6	14.0	9.8	7.3	10.7
1894	4.1	4.9	5.6	8.4	10.6	13.0	16.2	16.6	15.4	12.9	11.1	8.4	10.6
1895	5.1	1.5	2.4	5.8	9.4	12.7	15.4	16.9	17.2	14.2	10.3	6.5	9.8
1896	4.6	4.7	5.2	7.3	10.0	14.4	16.8	17.2	16.6	13.6	9.5	6.4	10.5
1897	3.6	3.3	3.2	6.9	9.9	14.1	15.9	17.8	16.0	13.5	10.0	7.9	10.3
1898	7.2	6.8	5.3	6.6	9.9	13.1	14.9	16.8	17.2	14.4	11.6	9.7	11.1
1899	7.3	6.1	5.6	7.4	9.6	12.7	16.3	17.6	16.7	13.0	11.5	7.5	10.9
1900	5.7	4.6	4.0	6.0	9.2	13.2	16.0	17.2	16.4	13.9	10.3	8.6	10.5
1901	4.8	4.2	4.2	6.3	9.5	13.0	16.5	18.4	16.4	14.4	10.6	7.6	10.5
1902	6.7	4.0	4.4	6.5	8.7	13.0	15.5	15.9	15.8	12.5	9.6	4.2	9.7
1903	5.0	5.5	6.6	7.2	9.4	12.3	14.6	15.5	15.1	13.5	10.6	6.2	10.1
1904	4.6	4.7	4.2	7.0	10.0	12.8	16.2	17.7	15.8	13.4	10.4	8.4	10.4
1905	5.6	5.1	5.4	6.2	9.7	13.4	17.1	17.3	15.7	11.7	8.7	6.7	10.2
1906	5.6	4.9	4.9	6.6	9.5	12.2	15.1	17.1	16.3	14.6	11.3	7.8	10.4
1907	5.0	3.5	4.3	6.3	9.6	12.1	14.1	15.3	15.5	14.6	11.5	8.0	10.0
1908	4.2	4.4	4.7	5.8	9.7	13.4	15.9	16.4	14.8	13.6	9.7	7.4	10.0
1909	5.1	3.5	2.7	5.9	9.2	12.1	14.3	15.7	14.9	13.8	10.1	6.6	9.5
1910	5.8	4.8	5.6	7.0	9.9	14.0	15.2	16.5	15.8	13.8	9.5	7.5	10.5
1911	5.9	5.0	5.3	5.4	9.6	13.5	15.4	18.4	17.9	13.9	10.7	7.8	10.7
1912	5.4	3.9	6.7	8.1	10.6	13.6	17.2	16.6	14.2	12.1	9.9	8.2	10.5
1913	6.0	5.6	5.8	7.2	10.3	13.7	14.5	15.6	16.3	14.4	12.2	9.5	10.9
1914	5.5	4.8	5.9	6.5	10.8	12.7	16.9	17.6H	16.7H	13.6H	10.6H	8.1H	11.0*
1915	6.9H	5.5H	5.3H	7.0H	9.9H	13.4H	15.4H	16.9H	16.1H	13.3H	9.2H	7.1H	10.5H
1916	7.3H	6.0H	5.0H	7.0H	10.5H	12.2	14.2	16.0	15.6	13.5	10.3	7.0	10.4*
1917	4.7	2.3*	1.7*	4.1*	7.9*	13.4*	15.3*	16.4*	15.7*	11.9*	9.1*	5.3*	9.0*
1918	3.0*	3.2*	3.6*	5.7*	9.5*	12.8*	14.8*	16.5*	15.2*	12.0*	9.9*	8.2H	9.5*
1919	6.3H	3.8H	4.7H	5.8H	9.7H	12.9H	13.9H	15.6H	15.8H	12.3H	7.4H	5.8H	9.5H
1920	5.4H	5.9H	6.6H	8.6H	11.2H	14.0H	16.2H	16.1H	15.3H	13.4H	9.2H	6.3H	10.7H
1921	6.4H	5.7H	6.5H	8.0H	11.0H	13.7H	16.1H	17.4H	16.5	15.3	9.8.	5.7	11.0*
1922	4.7	3.1	5.0	6.5	10.4	13.6	14.9	16.0	15.5	12.7	9.0	7.7.	10.0
1923	6.7	5.4	5.8	7.4	9.9	11.1	15.2	15.9	14.9	13.3.	9.7	6.3	10.1
1924	4.0	3.0.	3.1	4.6	8.7	12.0	15.1*	16.1.	15.6	13.4.	10.2	8.5	9.5.
1925	6.9.	6.3	5.4	6.8.	10.3	13.9	16.1	17.1	15.2	12.9	10.1.	5.9	10.6
1926	4.9	4.8	6.1.	7.9.	9.9	13.5	16.1	16.9	17.0	13.5.	10.0.	7.9	10.7
1927	6.0	4.9	5.9	7.6	9.6	12.1	14.9	16.9	16.0.	13.3	10.2	5.1	10.2
1928	3.4	5.5.	5.0	7.2	9.7	12.5	15.0.	16.1	16.4	13.4	11.1	7.4	10.2
1929	3.6	0.4	0.1	3.3	7.5	11.3	14.2	16.1.	17.1	14.3.	10.8	8.5	8.9
1930	7.5	5.1	4.7	7.1	10.0	14.1	16.1	15.9	16.3	14.0	10.9	7.9	10.8
1931	6.7	5.1	4.1	6.2	10.0	13.4	16.1	16.9	15.2	13.1	10.3	8.5	10.5
1932	7.4	5.6	4.6.	6.3	9.5	12.5	16.5	17.4	17.0	13.9	10.7	7.6	10.8
1933	6.0	4.4	5.2	7.3	10.2	13.8	16.6	18.2	17.3	15.0	10.3	5.4	10.8
1934	3.9	3.9	4.7	6.6	9.8	13.2	16.3	17.7	17.5	15.1	10.8	9.6	10.8
1935	7.9	6.5	5.9	7.2	9.3	13.3	16.7	17.8	16.8	14.2	11.0	7.4	11.2
1936	6.4	4.9	5.4	6.8	9.4	13.3	15.9	16.6	16.7	13.7	10.5	8.0	10.6
1937	6.4	5.7	5.4	7.4	10.4	14.3	16.3	17.2	16.6	14.4	10.8	7.4	11.0
1938	6.4	5.8	6.1	7.3	9.7	13.1	15.3	17.6	16.7	14.4	12.0	7.8	11.0
1939	5.7	5.4	5.9	7.3	9.9	13.7	16.5	18.0	18.4H	13.4H	10.4H	7.3H	11.0.
1940	3.6*	0.5*	2.7*	5.1*	9.7H	14.0H	16.3H	16.6H	15.7H	13.3H	10.7H	7.2H	9.6H

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	6.9H	5.9H	5.2H	8.0H	11.5H	14.2H	15.3H	17.0H	16.4H	14.2H	10.7H	8.1H	11.1H
1949	6.2	5.6	5.2	7.5	10.3	13.3	15.6	17.5	18.4	16.2	10.8*	7.7*	11.2.
1950	5.9	4.7	6.2	7.7	10.3	14.2	17.0	18.6*	16.4	13.3	9.4	6.4	10.8
1951	4.8	4.7	4.9	6.7	9.8	13.4*	16.1*	17.5	16.8	13.8	11.0	8.7	10.7.
1952	6.3	4.5	5.0	6.6	10.9	13.7	16.4	17.5	15.9	11.9	8.9	5.5	10.3
1953	4.5	4.3	4.9	6.9	9.9	13.3	16.3	17.2	16.1	14.6	12.1	9.7	10.8
1954	6.1	1.1	3.2	5.7	9.2	13.5*	15.0*	15.8*	15.8	13.5	10.7	8.6	9.9.
1955	4.8	3.6	2.5	4.9	8.4	11.6.	15.2	17.2	17.5	14.2	10.7	8.1	9.9
1956	6.0	1.8	2.4	5.0	8.9	12.2	14.8	15.5	15.3	13.8	9.6	7.4	9.4
1957	5.7	5.8	6.5	8.3	9.8	13.3	17.0	17.5	15.5	13.4	10.6	7.1	10.9
1958	5.6	4.7	3.8	4.9	9.3	12.7	15.6	17.2	17.3	14.4	11.0	8.4	10.4
1959	6.3	4.6	5.4	8.0	11.2	14.1	17.1	18.5	17.9	15.0	10.6	7.1	11.3
1960	6.1	4.7	4.9	7.1	10.2	14.1	15.7	17.2	16.6	13.9	10.9	8.1	10.8
1961	5.5	5.5	7.0	8.5	11.3	14.0	15.9	16.3	16.8	15.3	10.3	6.9	11.1
1962	5.4.	4.8*	3.4*	5.6*	8.5	12.0	13.8	15.7	15.3	13.9	9.8	6.6	9.6.
1963	0.4	-0.6	0.8	4.7	8.4	12.4*	14.9*	16.4*	15.7*	12.9*	11.0	7.0	8.7*
1964	4.3	4.3*	2.6	5.1	9.8	13.6	15.8*	17.1.	16.3	13.3	10.3	7.7	10.0.
1965	5.5	4.6	4.1	6.5	9.8	12.5	15.1*	16.3*	15.4*	13.9	9.3	6.7	10.0.
1966	4.2	3.3	5.6	6.4	10.7	14.0	15.9*	16.2.	16.1	14.5	10.6	7.4	10.4
1967	5.5	5.4	6.5	7.6	10.6	13.3*	16.7*	17.8*	16.8*	14.4*	10.4	7.9	11.1*
1968	5.1	4.3	4.6	6.7	9.7	13.2	15.6*	16.6*	16.6	14.3	10.1	6.4	10.3.
1969	5.5	4.3	2.2	4.6	9.5	13.1	16.0*	18.3*	17.0*	15.1*	11.5*	6.5	10.4*
1970	3.0	3.2	4.2	5.3	9.7	13.8	15.5*	17.2*	16.4*	14.1*	11.0*	8.4*	10.2*
1971	5.4	5.6	4.8	6.5	9.9	12.9*	16.1*	17.1*	16.6	14.8	10.7	8.3	10.7.
1972	5.3	4.3	4.9	7.5	9.9	12.8	16.1*	17.1*	15.8	13.1	10.4	8.0	10.4.
1973	6.5	6.3	6.1	7.2*	10.1*	13.6*	16.8*	17.6*	17.3*	13.8*	9.9	6.3	11.0*
1974	5.9	6.1	6.0	7.4	10.6*	13.7*	15.7*	17.3*	15.8*	12.4*	9.7	8.1	10.7*
1975	7.2	5.7	5.6	6.8*	-	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (GR.C): TERSCHELLINGERBANK (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	4.8	4.4	4.7	6.7	9.8	13.2	15.9	17.0	16.5	13.8	10.5	7.8	10.4
1901-1910	5.2	4.5	4.7	6.4	9.5	12.8	15.5	16.6	15.6	13.6	10.2	7.0	10.1
1911-1920	5.6*	4.6*	5.1*	6.7*	10.0*	13.2*	15.4*	16.6*	15.9*	13.0*	9.9*	7.3*	10.3*
1921-1930	5.4.	4.4.	4.8.	6.6.	9.7	12.8	15.4.	16.4.	16.0	13.6	10.2	7.1	10.2.
1931-1940	6.0	4.8	5.0.	6.8	9.8	13.5	16.3	17.4	16.8.	14.1.	10.8.	7.6.	10.7.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	5.6	4.0	4.4	6.4	9.8	13.2.	15.9.	17.1	16.5	13.9	10.6	7.9	10.4
1961-1970	4.4	3.9.	4.1	6.2	9.8	13.2.	15.6*	16.8*	16.2*	14.2*	10.4.	7.2	10.2.
1971-1980	-	-	-	-	-	-	-	-	-	-	-	-	-
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	5.3	4.3	4.6	6.5	9.7	13.1	15.7	16.9	16.3	13.8	10.4	7.4	10.3
SIGMA	1.40	1.49	1.42	1.06	0.70	0.78	0.79	0.79	0.78	0.77	0.71	1.08	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	5.6	4.6	5.0	6.7	9.3	13.1	15.8	16.9	16.2	13.8	10.5	7.5	10.5
AANGEVULD	5.7	4.6	5.0	6.7	9.9	13.2	15.6	16.8	16.2	13.6	10.3	7.4	10.4

WATERTEMP. (GR.C): TERSCHELLINGERBANK (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
GEM	5.3	4.3	4.6	6.3	9.7	13.1	15.7	16.9	16.3	13.8	10.4	7.4	
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	-0.3H	-1.1H	-2.0	-0.7	-0.7	-0.4	-0.5	-0.3	1.6	0.4	0.4	0.0	-0.4.
1887	-1.3	-0.8	-1.0	-1.1	-1.4	-0.6	-0.1	-0.1	-0.4	-1.3	-1.5	-0.9	-0.9
1888	-0.7	-1.6	-3.4	-2.3	-1.0	-1.1	-1.4	-1.3	-0.7	-1.2	-1.5	0.8	-1.3
1889	0.7	1.0	-0.4	-0.2	1.0	1.8	0.7	-0.1	-0.4	-1.1	-0.1	-0.3	0.2
1890	0.7	0.5	-0.2	0.3	0.8	0.4	-0.4	0.2	0.2	0.8	0.2	-2.3	0.1
1891	-4.3	-1.8	-0.7	-1.0	-0.6	-1.0	-0.3	-0.7	0.3	1.1	0.1	0.7	-0.7
1892	-0.1	0.4	-1.2	-1.6	-0.6	-0.2	-0.6	-0.6	-0.2	-0.6	-0.1	0.1	-0.4
1893	-1.3	0.2	1.0	0.8	1.0	1.1	1.4	0.9	0.3	0.2	-0.6	-0.1	0.4
1894	-1.2	0.6	1.0	1.9	0.9	-0.1	0.5	-0.3	-0.9	-0.9	0.7	1.0	0.3
1895	-0.2	-2.8	-2.2	-0.7	-0.3	-0.4	-0.3	0.0	0.9	0.4	-0.1	-0.9	-0.6
1896	-0.7	0.4	0.0	0.8	0.3	1.3	1.1	0.3	0.3	-0.2	-0.9	-1.0	0.2
1897	-1.7	-1.0	0.0	0.4	0.2	1.0	0.2	0.9	-0.3	-0.3	-0.4	0.5	0.0
1898	1.9	2.5	0.7	0.1	0.2	0.0	-0.8	-0.1	0.9	0.6	1.2	2.3	0.8
1899	2.0	1.8	1.0	0.9	-0.1	-0.4	0.6	0.7	0.4	-0.8	1.1	0.1	0.6
1900	0.4	0.3	0.0	-0.5	-0.5	0.1	0.3	0.3	0.1	0.1	-0.1	1.2	0.1
1901	-0.5	-0.1	-0.4	-0.2	-0.2	-0.1	0.8	1.5	0.1	0.6	0.2	0.2	0.2
1902	1.4	-0.3	-0.2	0.0	-1.0	-0.1	-0.2	-1.0	-0.5	-1.3	-0.8	-3.2	-0.6
1903	-0.3	1.2	2.0	0.7	-0.3	-0.8	-1.1	-1.4	-1.2	-0.3	0.2	-1.2	-0.2
1904	-0.7	0.4	-0.4	0.5	0.3	-0.3	0.5	0.8	-0.5	-0.4	0.0	1.0	0.1
1905	0.3	0.8	0.6	-0.3	0.0	0.3	1.4	0.4	-0.6	-2.1	-1.7	-0.7	-0.1
1906	0.3	0.6	0.3	-0.5	-0.2	-0.9	-0.6	0.2	0.0	0.8	0.9	0.4	0.1
1907	-0.3	-0.8	-0.5	-0.2	-0.1	-1.0	-1.6	-1.6	-0.8	0.8	1.1	0.6	-0.4
1908	-1.1	0.1	0.1	-0.7	0.0	0.3	0.2	-0.5	-1.5	-0.2	-0.7	0.0	-0.3
1909	-0.2	-0.8	-1.9	-0.6	-0.5	-1.0	-1.4	-1.2	-1.4	0.0	-0.3	-0.8	-0.8
1910	0.5	0.5	1.0	0.5	0.2	0.9	-0.5	-0.4	-0.5	0.0	-0.9	0.1	0.1
1911	0.6	0.7	0.7	-1.1	-0.1	0.4	-0.3	1.5	1.6	0.1	0.3	0.4	0.4
1912	0.1	-0.4	2.1	1.6	0.9	0.5	1.5	-0.3	-2.1	-1.7	-0.5	0.8	0.2
1913	0.7	1.3	1.2	0.7	0.6	0.6	-1.2	-1.3	0.0	0.6	1.8	2.1	0.6
1914	0.2	0.5	1.3	1.8	1.1	-0.4	1.2	0.7H	0.4H	-0.2H	0.2H	0.7H	0.6*
1915	1.6H	1.2H	0.7H	0.5H	0.2H	0.3H	-0.3H	0.0H	-0.2H	-0.5H	-1.2H	-0.3H	0.2H
1916	2.0H	1.7H	0.4H	0.5H	0.8H	-0.9	-1.5	-0.9	-0.7	-0.3	-0.1	-0.4	0.1*
1917	-0.6	-2.0*	-2.9*	-2.4*	-1.8*	0.3*	-0.4*	-0.5*	-0.6*	-1.9*	-1.3*	-2.1*	-1.3*
1918	-2.3*	-1.1*	-1.0*	-0.8*	-0.2*	-0.3*	-0.9*	-0.4*	-1.1*	-1.8*	-0.5*	0.8H	-0.8*
1919	1.0H	-0.5H	0.1H	-0.7H	0.0H	-0.2H	-1.8H	-1.3H	-0.5H	-1.5H	-3.0H	-1.6H	-0.8H
1920	0.1H	1.6H	2.0H	2.1H	1.5H	0.9H	0.5H	-0.8H	-1.0H	-0.4H	-1.2H	-1.1H	0.4H
1921	1.1H	1.4H	1.9H	1.5H	1.3H	0.8H	0.4H	0.5H	0.2	1.5	-0.6.	-1.7	0.7*
1922	-0.6	-1.2	1.0	0.0	0.7	0.5	-0.8	-0.9	-0.8	-1.1	-1.4	0.3.	-0.4
1923	1.4	1.1	1.2	0.9	0.2	-2.0	-0.5	-1.0	-1.4	-0.5.	-0.7	-1.1	-0.2
1924	-1.3	-1.3.	-1.5	-1.9	-1.0	-1.1	-0.6*	-0.8.	-0.7	-0.4.	-0.2	1.1	-0.8.
1925	1.6.	2.0	0.8	0.3.	0.6	0.8	0.4	0.2	-1.1	-0.9	-0.3.	-1.5	0.2
1926	-0.4	0.5	1.5.	1.4.	0.2	0.4	0.4	0.0	0.7	-0.3.	-0.4.	0.5	0.4
1927	0.7	0.6	1.3	1.1	-0.1	-1.0	-0.8	0.0	-0.3.	-0.5	-0.2	-2.3	-0.1
1928	-1.9	1.2.	0.4	0.7	0.0	-0.6	-0.7.	-0.8	0.1	-0.4	0.7	0.0	-0.1
1929	-1.7	-3.9	-4.3	-3.2	-2.2	-1.3	-1.5	-0.8.	0.8	0.5.	0.4	1.1	-1.4
1930	2.2	0.8	0.1	0.6	0.3	1.0	0.4	-1.0	0.0	0.2	0.5	0.5	0.5
1931	1.4	0.8	-0.5	-0.3	0.3	0.3	0.4	0.0	-1.1	-0.7	-0.1	1.1	0.1
1932	2.1	1.3	0.0.	-0.2	-0.2	-0.6	0.8	0.5	0.7	0.1	0.3	0.2	0.4
1933	0.7	0.1	0.6	0.3	0.5	0.7	0.9	1.3	1.0	1.2	-0.1	-2.0	0.5
1934	-1.4	-0.4	0.1	0.1	0.1	0.1	0.6	0.8	1.2	1.3	0.4	2.2	0.4
1935	2.6	2.2	1.3	0.7	-0.4	0.2	1.0	0.9	0.5	0.4	0.6	0.0	0.8
1936	1.1	0.6	0.8	0.3	-0.3	0.2	0.2	-0.3	0.4	-0.1	0.1	0.6	0.3
1937	1.1	1.4	0.8	0.9	0.7	1.2	0.6	0.3	0.3	0.6	0.4	0.0	0.7
1938	1.1	1.5	1.5	0.8	0.0	0.0	-0.4	0.7	0.4	0.6	1.6	0.4	0.7
1939	0.4	1.1	1.3	0.8	0.2	0.6	0.8	1.1	2.1H	-0.4H	0.0H	-0.1H	0.7.
1940	-1.7*	-3.8*	-1.9*	-1.4*	0.0H	0.9H	0.6H	-0.3H	-0.6H	-0.5H	0.3H	-0.2H	-0.7H

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	1.6H	1.6H	0.6H	1.5H	1.8H	1.1H	-0.4H	0.1H	0.1H	0.4H	0.3H	0.7H	0.8H
1949	0.9	1.3	0.6	1.0	0.6	0.2	-0.1	0.6	2.1	2.4	0.4*	0.3*	0.9.
1950	0.6	0.4	1.0	1.2	0.6	1.1	1.3	1.7*	0.1	-0.5	-1.0	-1.0	0.5
1951	-0.5	0.4	0.3	0.2	0.1	0.3*	0.4*	0.6	0.5	0.0	0.6	1.3	0.4.
1952	1.0	0.2	0.4	0.1	1.2	0.6	0.7	0.6	-0.4	-1.9	-1.5	-1.9	-0.1
1953	-0.8	0.0	0.3	0.4	0.2	0.2	0.6	0.3	-0.2	0.8	1.7	2.3	0.5
1954	0.8	-3.2	-1.4	-0.8	-0.5	0.4*	-0.7*	-1.1*	-0.5	-0.3	0.3	1.2	-0.5.
1955	-0.5	-0.7	-2.1	-1.6	-1.3	-1.5.	-0.5	0.3	1.2	0.4	0.3	0.7	-0.4
1956	0.7	-2.5	-2.2	-1.5	-0.8	-0.9	-0.9	-1.4	-1.0	0.0	-0.8	0.0	-0.9
1957	0.4	1.5	1.9	1.8	0.1	0.2	1.3	0.6	-0.8	-0.4	0.2	-0.3	0.5
1958	0.3	0.4	-0.8	-1.6	-0.4	-0.4	-0.1	0.3	1.0	0.6	0.6	1.0	0.1
1959	1.0	0.3	0.6	1.5	1.5	1.0	1.4	1.6	1.6	1.2	0.2	-0.3	1.0
1960	0.8	0.4	0.3	0.6	0.5	1.0	0.0	0.3	0.3	0.1	0.5	0.7	0.5
1961	0.2	1.2	2.4	2.0	1.0	0.9	0.2	-0.6	0.5	1.5	-0.1	-0.5	0.8
1962	0.1.	0.5*	-1.2*	-0.9*	-1.2	-1.1	-1.9	-1.2	-1.0	0.1	-0.6	-0.8	-0.8.
1963	-4.9	-4.9	-3.8	-1.8	-1.3	-0.7*	-0.8*	-0.5*	-0.6*	-0.9*	0.6	-0.4	-1.7*
1964	-1.0	0.0*	-2.0	-1.4	0.1	0.5	0.1*	0.2.	0.0	-0.5	-0.1	0.3	-0.3.
1965	0.2	0.3	-0.5	0.0	0.1	-0.6	-0.6*	-0.6*	-0.9*	0.1	-1.1	-0.7	-0.4.
1966	-1.1	-1.0	1.2	-0.1	1.0	0.9	0.2*	-0.7.	-0.2	0.7	0.2	0.0	0.1
1967	0.2	1.1	1.9	1.1	0.9	0.2*	1.0*	0.9*	0.5*	0.6*	0.0	0.5	0.7*
1968	-0.2	0.0	0.0	0.2	0.0	0.1	-0.1*	-0.3*	0.3	0.5	-0.3	-1.0	-0.1.
1969	0.2	0.0	-2.4	-1.9	-0.2	0.0	0.9*	1.4*	0.7*	1.3*	1.1*	-0.9	0.0*
1970	-2.3	-1.1	-0.4	-0.7	0.0	0.7	-0.2*	0.3*	0.1*	0.3*	0.6*	1.0*	-0.1*
1971	0.1	1.3	0.2	0.0	0.2	-0.2*	0.4*	0.2*	0.3	1.0	0.3	0.9	0.4.
1972	0.0	0.0	0.3	0.8	0.2	-0.3	0.4*	0.2*	-0.5	-0.7	0.0	0.6	0.1.
1973	1.2	2.0	1.5	0.7*	0.4*	0.5*	1.1*	0.7*	1.0*	0.0*	-0.5	-1.1	0.6*
1974	0.6	1.8	1.4	0.9	0.9*	0.6*	0.0*	0.4*	-0.5*	-1.4*	-0.7	0.7	0.4*
1975	1.9	1.4	1.0	0.3*	-	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (GR.C): TERSCHELLINGERBANK (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	-0.5	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2	-0.0	0.1	0.4	0.1
1901-1910	-0.1	0.2	0.1	-0.1	-0.2	-0.3	-0.3	-0.3	-0.7	-0.2	-0.2	-0.4	-0.2
1911-1920	0.3*	0.3*	0.5*	0.2*	0.3*	0.1*	-0.3*	-0.3*	-0.4*	-0.8*	-0.6*	-0.1*	-0.1*
1921-1930	0.1.	0.1.	0.2.	0.1.	0.0	-0.3	-0.3.	-0.5.	-0.3	-0.2	-0.2	-0.3	-0.1.
1931-1940	0.7	0.5	0.4.	0.3	0.1	0.4	0.6	0.5	0.5.	0.3.	0.4.	0.2.	0.4.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	0.3	-0.3	-0.3	-0.1	0.1	0.1.	0.2.	0.2	0.2	0.1	0.2	0.5	0.1
1961-1970	-0.9	-0.4.	-0.3	-0.3	0.1	0.1.	-0.1*	-0.1*	-0.1*	0.4*	0.0.	-0.3	-0.2.
1971-1980	-	-	-	-	-	-	-	-	-	-	-	-	-
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	0.0	0.0	0.0
SIGMA	1.40	1.49	1.42	1.06	0.70	0.78	0.79	0.79	0.78	0.77	0.71	1.08	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.3	0.3	0.4	0.2	0.1	-0.0	0.1	-0.0	-0.1	0.0	0.1	0.1	0.1
AANGEVULD	0.4	0.3	0.4	0.2	0.2	0.1	-0.1	-0.1	-0.1	-0.2	-0.1	0.0	0.1

WATERTEMP. (SIGMA) TERSCHELLINGERBANK (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

GEM	5.3	4.3	4.6	6.5	9.7	13.1	15.7	16.9	16.3	13.8	10.4	7.4	
SIGMA	1.40	1.49	1.42	1.06	0.70	0.78	0.79	0.79	0.78	0.77	0.71	1.08	
	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	-0.2H	-0.7H	-1.4	-0.7	-1.0	-0.5	-0.6	-0.4	1.3	0.5	0.6	0.0	-0.3.
1887	-0.9	-0.5	-0.7	-1.0	-2.0	-0.8	-0.1	-0.1	-0.5	-1.7	-2.1	-0.8	-0.9
1888	-0.5	-1.1	-2.4	-2.2	-1.4	-1.4	-1.8	-1.6	-0.9	-1.6	-2.1	0.7	-1.4
1889	0.5	0.7	-0.3	-0.2	1.4	2.3	0.9	-0.1	-0.5	-1.4	-0.1	-0.3	0.2
1890	0.5	0.3	-0.1	0.3	1.1	0.5	-0.5	0.3	0.3	1.0	0.3	-2.1	0.2
1891	-3.1	-1.2	-0.5	-0.9	-0.9	-1.3	-0.4	-0.9	0.4	1.4	0.1	0.6	-0.5
1892	-0.1	0.3	-0.8	-0.9	-0.9	-0.3	-0.8	-0.8	-0.3	-0.8	-0.1	0.1	-0.4
1893	-0.9	0.1	0.7	0.8	1.4	1.4	1.8	1.1	0.4	0.3	-0.8	-0.1	0.5
1894	-0.9	0.4	0.7	1.8	1.3	-0.1	0.6	-0.4	-1.2	-1.2	1.0	0.9	0.3
1895	-0.1	-1.9	-1.5	-0.7	-0.4	-0.5	-0.4	0.0	1.2	0.5	-0.1	-0.8	-0.4
1896	-0.5	0.3	0.4	0.8	0.4	1.7	1.4	0.4	0.4	-0.3	-1.3	-0.9	0.2
1897	-1.2	-0.7	0.4	0.4	0.3	1.3	0.3	1.1	-0.4	-0.4	-0.6	0.5	0.1
1898	1.4	1.7	0.5	0.1	0.3	0.0	-1.0	-0.1	1.2	0.8	1.7	2.1	0.7
1899	1.4	1.2	0.7	0.8	-0.1	-0.5	0.8	0.9	0.5	-1.0	1.5	0.1	0.5
1900	0.3	0.2	0.0	-0.5	-0.7	0.1	0.4	0.4	0.1	0.1	-0.1	1.1	0.1
1901	-0.4	-0.1	-0.3	-0.2	-0.3	-0.1	1.0	1.9	0.1	0.8	0.3	0.2	0.2
1902	1.0	-0.2	-0.1	0.0	-1.4	-0.1	-0.3	-1.3	-0.6	-1.7	-1.1	-3.0	-0.7
1903	-0.2	0.8	1.4	0.7	-0.4	-1.0	-1.4	-1.8	-1.5	-0.4	0.3	-1.1	-0.4
1904	-0.5	0.3	-0.3	0.5	0.4	-0.4	0.6	1.0	-0.6	-0.5	0.0	0.9	0.1
1905	0.2	0.5	0.6	-0.3	0.0	0.4	1.8	0.5	-0.8	-2.7	-2.4	-0.6	-0.2
1906	0.2	0.4	0.2	-0.5	-0.3	-1.2	-0.8	0.3	0.0	1.0	1.3	0.4	0.1
1907	-0.2	-0.5	-0.2	-0.2	-0.1	-1.3	-2.0	-2.0	-1.0	1.0	1.5	0.6	-0.4
1908	-0.8	0.1	0.1	-0.7	0.0	0.4	0.3	-0.6	-1.9	-0.3	-1.0	0.0	-0.4
1909	-0.1	-0.5	-1.3	-0.6	-0.7	-1.3	-1.8	-1.5	-1.8	0.0	-0.4	-0.7	-0.9
1910	0.4	0.3	0.7	0.5	0.3	1.2	-0.6	-0.5	-0.6	0.0	-1.3	0.1	0.0
1911	0.4	0.5	0.5	-1.0	-0.1	0.5	-0.4	1.9	2.1	0.1	0.4	0.4	0.4
1912	0.1	-0.3	1.5	1.5	1.3	0.6	1.9	-0.4	-2.7	-2.2	-0.7	0.7	0.1
1913	0.5	0.9	0.6	0.7	0.9	0.8	-1.5	-1.6	0.0	0.8	2.5	1.9	0.5
1914	0.1	0.3	0.9	1.7	1.6	-0.5	1.5	0.9H	0.5H	-0.3H	0.3H	0.6H	0.6*
1915	1.1H	0.8H	0.5H	0.5H	0.3H	0.4H	-0.4H	0.0H	-0.3H	-0.6H	-1.7H	-0.3H	0.0H
1916	1.4H	1.1H	0.3H	0.5H	1.1H	-1.2	-1.9	-1.1	-0.9	-0.4	-0.1	-0.4	-0.1*
1917	-0.4	-1.3*	-2.0*	-2.3*	-2.6*	0.4*	-0.5*	-0.6*	-0.8*	-2.5*	-1.8*	-1.9*	-1.4*
1918	-1.6*	-0.7*	-0.7*	-0.8*	-0.3*	-0.4*	-1.1*	-0.5*	-1.4*	-2.3*	-0.7*	0.7H	-0.8*
1919	0.7H	-0.3H	0.1H	-0.7H	0.0H	-0.3H	-2.3H	-1.6H	-0.6H	-1.9H	-4.2H	-1.5H	-1.1H
1920	0.1H	1.1H	1.4H	2.0H	2.1H	1.2H	0.6H	-1.0H	-1.3H	-0.5H	-1.7H	-1.0H	0.2H
1921	0.8H	0.9H	1.3H	1.4H	1.9H	0.8H	0.5H	0.6H	0.3	1.9	-0.8.	-1.6	0.7*
1922	-0.4	-0.8	0.7	0.6	1.0	0.6	-1.0	-1.1	-1.0	-1.4	-2.0	0.3.	-0.4
1923	1.0	0.7	0.8	0.8	0.5	-2.6	-0.6	-1.3	-1.8	-0.6.	-1.0	-1.0	-0.4
1924	-0.9	-0.9.	-1.1	-1.8	-1.4	-1.4	-0.8*	-1.0.	-0.9	-0.5.	-0.3	1.0	-0.8.
1925	1.1.	1.3	0.6	0.3.	0.9	1.0	0.5	0.3	-1.4	-1.2	-0.4.	-1.4	0.1
1926	-0.3	0.3	1.1.	1.3.	0.3	0.5	0.5	0.0	0.9	-0.4.	-0.6.	0.5	0.3
1927	0.5	0.4	0.9	1.0	-0.1	-1.3	-1.0	0.0	-0.4.	-0.6	-0.3	-2.1	-0.3
1928	-1.4	0.8.	0.3	0.7	0.0	-0.8	-0.9.	-1.0	0.1	-0.5	1.0	0.0	-0.1
1929	-1.2	-2.6	-3.2	-3.0	-3.1	-2.3	-1.9	-1.0.	1.0	0.6.	0.6	1.0	-1.3
1930	1.6	0.5	0.1	0.6	0.4	1.3	0.5	-1.3	0.0	0.3	0.7	0.5	0.4
1931	1.0	0.5	-0.4	-0.3	0.4	0.4	0.5	0.0	-1.4	-0.9	-0.1	1.0	0.1
1932	1.5	0.9	0.0.	-0.2	-0.3	-0.8	1.0	0.6	0.9	0.1	0.4	0.2	0.4
1933	0.5	0.1	0.4	0.8	0.7	0.9	1.1	1.6	1.3	1.6	-0.1	-1.9	0.6
1934	-1.0	-0.3	0.1	0.1	0.1	0.1	0.8	1.0	1.5	1.7	0.6	2.0	0.6
1935	1.9	1.5	0.9	0.7	-0.6	0.3	1.3	1.1	0.6	0.5	0.8	0.0	0.8
1936	0.8	0.4	0.6	0.3	-0.4	0.3	0.3	-0.4	0.5	-0.1	0.1	0.6	0.2
1937	0.8	0.9	0.6	0.8	1.0	1.5	0.8	0.4	0.4	0.8	0.6	0.0	0.7
1938	0.8	1.0	1.1	0.8	0.0	0.0	-0.5	0.9	0.5	0.8	2.3	0.4	0.7
1939	0.3	0.7	0.9	0.8	0.3	0.8	1.0	1.4	2.7H	-0.5H	0.0H	-0.1H	0.7.
1940	-1.2*	-2.6*	-1.3*	-1.3*	0.0H	1.2H	0.8H	-0.4H	-0.8H	-0.6H	0.4H	-0.2H	-0.5H

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	1.1H	1.1H	0.4H	1.4H	2.6H	1.4H	-0.5H	0.1H	0.1H	0.5H	0.4H	0.6H	0.8H
1949	0.6	0.9	0.4	0.9	0.9	0.3	-0.1	0.8	2.7	3.1	0.6*	0.3*	0.9.
1950	0.4	0.3	1.1	1.1	0.9	1.4	1.0	2.2*	0.1	-0.6	-1.4	-0.9	0.5
1951	-0.4	0.3	0.2	0.2	0.1	0.4*	0.5*	0.8	0.6	0.0	0.8	1.2	0.4.
1952	0.7	0.1	0.3	0.1	1.7	0.8	0.9	0.8	-0.5	-2.5	-2.1	-1.8	-0.1
1953	-0.6	0.0	0.2	0.4	0.3	0.5	0.8	0.4	-0.3	1.0	2.4	2.1	0.6
1954	0.6	-2.1	-1.0	-0.8	-0.7	0.5*	-0.9*	-1.4*	-0.6	-0.4	0.4	1.1	-0.4.
1955	-0.4	-0.5	-1.5	-1.5	-1.9	-1.9.	-0.6	0.4	1.5	0.5	0.4	0.6	-0.4
1956	0.5	-1.7	-1.5	-1.4	-1.1	-1.2	-1.1	-1.8	-1.3	0.0	-1.1	0.0	-1.0
1957	0.3	1.0	1.3	1.7	0.1	0.3	1.6	0.8	-1.0	-0.5	0.3	-0.3	0.5
1958	0.2	0.3	-0.6	-1.5	-0.6	-0.5	-0.1	0.4	1.3	0.8	0.8	0.9	0.1
1959	0.7	0.2	0.0	1.4	2.1	1.5	1.8	2.0	2.1	1.6	0.3	-0.3	1.1
1960	0.6	0.3	0.2	0.6	0.7	1.3	0.0	0.4	0.4	0.1	0.7	0.6	0.5
1961	0.1	0.8	1.7	1.9	2.3	1.2	0.3	-0.8	0.6	1.9	-0.1	-0.5	0.8
1962	0.1.	0.3*	-0.8*	-0.8*	-1.7	-1.4	-2.4	-1.5	-1.3	0.1	-0.8	-0.7	-0.9.
1963	-3.5	-3.3	-2.7	-1.7	-1.9	-0.9*	-1.0*	-0.6*	-0.8*	-1.2*	0.8	-0.4	-1.4*
1964	-0.7	0.0*	-1.4	-1.3	0.1	0.6	0.1*	0.3.	0.0	-0.6	-0.1	0.3	-0.2.
1965	0.1	0.2	-0.4	0.0	0.1	-0.8	-0.8*	-0.8*	-1.2*	0.1	-1.5	-0.6	-0.4.
1966	-0.8	-0.7	0.8	-0.1	1.4	1.2	0.3*	-0.9.	-0.3	0.9	0.3	0.0	0.2
1967	0.1	0.7	1.5	1.0	1.3	0.5*	1.3*	1.1*	0.6*	0.8*	0.0	0.5	0.8*
1968	-0.1	0.0	0.0	0.2	0.0	0.1	-0.1*	-0.4*	0.4	0.6	-0.4	-0.9	-0.1.
1969	0.1	0.0	-1.7	-1.6	-0.3	0.0	1.1*	1.8*	0.9*	1.7*	1.5*	-0.8	0.2*
1970	-1.6	-0.7	-0.3	-0.7	0.0	0.9	-0.3*	0.4*	0.1*	0.4*	0.8*	0.9*	-0.0*
1971	0.1	0.9	0.1	0.0	0.3	-0.3*	0.5*	0.3*	0.4	1.3	0.4	0.8	0.4.
1972	0.0	0.0	0.2	0.8	0.3	-0.4	0.5*	0.3*	-0.6	-0.9	0.0	0.6	0.1.
1973	0.9	1.3	1.1	0.7*	0.6*	0.0*	1.4*	0.9*	1.3*	0.0*	-0.7	-1.0	0.6*
1974	0.4	1.2	1.0	0.8	1.3*	0.8*	0.0*	0.5*	-0.6*	-1.8*	-1.0	0.6	0.3*
1975	1.4	0.9	0.7	0.3*	-	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-

WATERTEMP. (SIGMA) TERSCHELLINGERBANK (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	-0.4	0.0	0.1	0.2	0.1	0.2	0.3	0.2	0.2	-0.1	0.1	0.4	0.1
1901-1910	-0.0	0.1	0.1	-0.1	-0.3	-0.3	-0.3	-0.4	-0.9	-0.3	-0.3	-0.3	-0.3
1911-1920	0.2*	0.2*	0.3*	0.2*	0.4*	0.2*	-0.4*	-0.4*	-0.5*	-1.0*	-0.8*	-0.1*	-0.1*
1921-1930	0.1.	0.1.	0.2.	0.1.	-0.0	-0.4	-0.4.	-0.6.	-0.3	-0.2	-0.3	-0.3	-0.2.
1931-1940	0.5	0.3	0.3.	0.2	0.1	0.5	0.7	0.6	0.6.	0.3.	0.5.	0.2.	0.4.
1941-1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951-1960	0.2	-0.2	-0.2	-0.1	0.1	0.1.	0.3.	0.3	0.2	0.1	0.3	0.4	0.1
1961-1970	-0.6	-0.3.	-0.3	-0.3	0.1	0.1.	-0.2*	-0.1*	-0.1*	0.5*	0.0.	-0.2	-0.1.
1971-1980	-	-	-	-	-	-	-	-	-	-	-	-	-
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	-0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.0	-0.0	0.0	0.1	0.0	0.0
SIGMA	1.00	1.00	1.00	1.00	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.2	0.2	0.3	0.2	0.2	-0.0	0.1	-0.0	-0.1	0.0	0.1	0.1	0.1
AANGEVULD	0.3	0.2	0.3	0.2	0.2	0.1	-0.1	-0.1	-0.1	-0.2	-0.2	0.0	0.1

TERSCHELLINGERBANK (HOMOGENE REEKS)

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	-	-	-	-
1885	-	-	-	-
1886	3.6*	9.2	16.4	10.8
1887	3.7	8.7	16.1	9.3
1888	2.8	8.3	15.2	9.9
1889	5.2	10.6	16.4	10.0
1890	5.1	10.3	16.3	10.1
1891	2.5	8.9	16.1	11.2
1892	4.4	9.2	15.8	10.3
1893	4.7	10.7	17.2	10.4
1894	4.9	10.7	16.1	10.8
1895	3.0	9.3	16.5	10.3
1896	4.8	10.6	16.9	9.8
1897	4.0	10.3	16.6	10.5
1898	6.4	9.9	16.3	11.9
1899	6.3	9.9	16.9	10.7
1900	5.0	9.5	16.5	10.9
1901	4.4	9.6	17.1	10.9
1902	5.0	9.4	15.7	8.8
1903	5.7	9.6	15.1	10.1
1904	4.5	9.9	16.6	10.7
1905	5.4	9.8	16.7	9.0
1906	5.1	9.2	16.2	11.2
1907	4.3	9.3	15.0	11.4
1908	4.4	9.6	15.7	10.2
1909	3.8	9.1	15.0	10.2
1910	5.4	10.3	15.8	10.3
1911	5.4	9.5	17.2	10.8
1912	5.3	10.8	16.0	10.1
1913	5.8	10.4	15.5	12.0
1914	5.4	10.6	17.1*	10.8H
1915	5.9H	10.1H	16.1H	9.9H
1916	6.1H	9.9*	15.3	10.3
1917	2.9*	8.5*	15.8*	8.8*
1918	3.3*	9.3*	15.5*	10.0*
1919	4.9H	9.5H	15.1H	8.5H
1920	6.0H	11.3H	15.9H	9.6H
1921	6.2H	10.9H	16.7*	10.3
1922	4.5	10.2	15.5	9.8
1923	6.0	9.5	15.3	9.8
1924	3.4	8.4	15.6*	10.7
1925	6.2	10.3	16.1	9.6
1926	5.3	10.4	16.7	10.5.
1927	5.6	9.8	15.9	9.5
1928	4.6	9.8	15.8	10.6
1929	1.4	7.4	15.8	11.2
1930	5.8	10.4	16.1	10.9
1931	5.3	9.9	16.1	10.6
1932	5.9	9.4	17.0	10.7
1933	5.2	10.4	17.4	10.2
1934	4.2	9.9	17.2	11.8
1935	6.8	9.9	17.1	10.9
1936	5.6	9.8	16.4	10.7
1937	5.8	10.7	16.7	10.9
1938	6.1	10.0	16.5	11.4
1939	5.7	10.3	17.6.	10.4H
1940	2.3*	9.6H	16.2H	10.4H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-
1947	-	-	-	-
1948	6.0H	11.2H	16.2H	11.0H
1949	5.7	10.4	17.2	11.6*
1950	5.6	10.7	17.3.	9.7
1951	4.8	10.0.	16.8.	11.2
1952	5.3	10.4	16.6	8.8
1953	4.6	10.0	16.5	12.1
1954	3.5	9.5.	15.5*	10.9
1955	3.6	8.3	16.6	11.0
1956	3.4	8.7	15.2	10.3
1957	6.0	10.5	16.7	10.4
1958	4.7	9.0	16.7	11.3
1959	5.4	11.1	17.8	10.9
1960	5.2	10.5	16.5	11.0
1961	6.0	11.3	16.3	10.8
1962	4.5*	8.7.	14.9	10.1
1963	0.2	8.5.	15.7*	10.3.
1964	3.7.	9.5	16.4*	10.4
1965	4.7	9.6	15.6*	10.0
1966	4.4	10.4	16.1*	10.8
1967	5.8	10.5.	17.1*	10.9.
1968	4.7	9.9	16.3*	10.3
1969	4.0	9.1	17.3*	11.0*
1970	3.5	9.8	16.4*	11.2*
1971	5.3	9.8.	16.6*	11.3
1972	4.6	10.0	16.3*	10.5
1973	6.3	10.3*	17.2*	10.0.
1974	6.0	10.6*	16.3*	10.1.
1975	6.2	-	-	-
1976	-	-	-	-
1977	-	-	-	-
1978	-	-	-	-
1979	-	-	-	-
1980	-	-	-	-
1981	-	-	-	-
1982	-	-	-	-

TERSCHELLINGERBANK (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	-	-	-	-
1885	-	-	-	-
1886	-1.1*	-0.6	0.1	0.3
1887	-1.0	-1.0	-0.2	-1.2
1888	-1.9	-1.5	-1.1	-0.6
1889	0.4	0.9	0.1	-0.5
1890	0.3	0.5	0.0	-0.4
1891	-2.3	-0.9	-0.2	0.6
1892	-0.3	-0.6	-0.5	-0.2
1893	-0.0	1.0	0.9	-0.2
1894	0.1	0.9	-0.2	0.3
1895	-1.7	-0.5	0.2	-0.2
1896	0.1	0.8	0.6	-0.7
1897	-0.7	0.5	0.3	-0.1
1898	1.7	0.1	0.0	1.4
1899	1.6	0.1	0.6	0.1
1900	0.2	-0.3	0.2	0.4
1901	-0.3	-0.2	0.8	0.3
1902	0.3	-0.4	-0.6	-1.8
1903	1.0	-0.1	-1.2	-0.4
1904	-0.2	0.2	0.3	0.2
1905	0.6	0.0	0.4	-1.5
1906	0.4	-0.5	-0.1	0.7
1907	-0.5	-0.4	-1.3	0.8
1908	-0.3	-0.1	-0.6	-0.3
1909	-1.0	-0.7	-1.3	-0.4
1910	0.7	0.5	-0.5	-0.3
1911	0.7	-0.3	0.9	0.3
1912	0.6	1.0	-0.3	-0.5
1913	1.1	0.6	-0.8	1.5
1914	0.7	0.8	0.8*	0.2H
1915	1.2H	0.3H	-0.2H	-0.7H
1916	1.4H	0.1*	-1.0	-0.3
1917	-1.8*	-1.3*	-0.5*	-1.8*
1918	-1.5*	-0.4*	-0.8*	-0.5*
1919	0.2H	-0.3H	-1.2H	-2.0H
1920	1.2H	1.5H	-0.4H	-0.9H
1921	1.5H	1.1H	0.4*	-0.3
1922	-0.3	0.4	-0.8	-0.7
1923	1.2	-0.3	-1.0	-0.8
1924	-1.4	-1.3	-0.7*	0.2
1925	1.5	0.6	-0.2	-0.9
1926	0.5	0.7	0.4	-0.1.
1927	0.9	0.0	-0.4	-1.0
1928	-0.1	0.0	-0.5	0.1
1929	-3.4	-2.4	-0.5	0.7
1930	1.0	0.6	-0.2	0.4
1931	0.6	0.1	-0.2	0.1
1932	1.1	-0.3	0.7	0.2
1933	0.5	0.7	1.1	-0.3
1934	-0.6	0.1	0.9	1.3
1935	2.0	0.2	0.8	0.3
1936	0.8	0.1	0.1	0.2
1937	1.1	0.9	0.4	0.3
1938	1.4	0.3	0.2	0.9
1939	0.9	0.5	1.3.	-0.2H
1940	-2.5*	-0.2H	-0.1H	-0.1H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-
1947	-	-	-	-
1948	1.3H	1.5H	-0.1H	0.5H
1949	0.9	0.6	0.9	1.0*
1950	0.9	1.0	1.0.	-0.8
1951	0.1	0.2.	0.5.	0.6
1952	0.5	0.6	0.3	-1.8
1953	-0.2	0.3	0.2	1.6
1954	-1.3	-0.3.	-0.8*	0.4
1955	-1.1	-1.5	0.3	0.5
1956	-1.3	-1.1	-1.1	-0.3
1957	1.3	0.7	0.4	-0.2
1958	-0.0	-0.8	0.4	0.7
1959	0.7	1.3	1.5	0.4
1960	0.5	0.7	0.2	0.4
1961	1.3	1.5	0.0	0.3
1962	-0.2*	-1.1.	-1.4	-0.4
1963	-4.5	-1.3.	-0.6*	-0.2.
1964	-1.0.	-0.3	0.1*	-0.1
1965	0.0	-0.2	-0.7*	-0.6
1966	-0.3	0.6	-0.2*	0.3
1967	1.1	0.7.	0.8*	0.4.
1968	-0.1	0.1	-0.0*	-0.3
1969	-0.7	-0.7	1.0*	0.5*
1970	-1.3	0.0	0.1*	0.6*
1971	0.5	0.0.	0.3*	0.7
1972	0.1	0.2	0.0*	-0.0
1973	1.6	0.5*	0.9*	-0.5.
1974	1.3	0.8*	-0.0*	-0.5.
1975	1.4	-	-	-
1976	-	-	-	-
1977	-	-	-	-
1978	-	-	-	-
1979	-	-	-	-
1980	-	-	-	-
1981	-	-	-	-
1982	-	-	-	-

TERSCHELLINGERBANK (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM
GENORMEERD OP SIGMA

	JFM	AMJ	JAS	OND
1881	-	-	-	-
1882	-	-	-	-
1883	-	-	-	-
1884	-	-	-	-
1885	-	-	-	-
1886	-0.8*	-0.7	0.1	0.4
1887	-0.7	-1.3	-0.3	-1.5
1888	-1.3	-1.7	-1.4	-1.0
1889	0.3	1.2	0.1	-0.6
1890	0.2	0.6	0.0	-0.3
1891	-1.6	-1.0	-0.3	0.7
1892	-0.2	-0.7	-0.6	-0.3
1893	-0.0	1.2	1.1	-0.2
1894	0.1	1.0	-0.3	0.2
1895	-1.2	-0.5	0.3	-0.2
1896	0.1	0.9	0.7	-0.8
1897	-0.5	0.6	0.3	-0.2
1898	1.2	0.1	0.0	1.5
1899	1.1	0.1	0.7	0.2
1900	0.2	-0.4	0.3	0.4
1901	-0.2	-0.2	1.0	0.4
1902	0.2	-0.5	-0.7	-1.9
1903	0.7	-0.3	-1.6	-0.4
1904	-0.2	0.2	0.3	0.1
1905	0.4	0.0	0.5	-1.9
1906	0.3	-0.6	-0.2	0.9
1907	-0.3	-0.5	-1.7	1.0
1908	-0.2	-0.1	-0.8	-0.4
1909	-0.7	-0.9	-1.7	-0.4
1910	0.5	0.6	-0.6	-0.4
1911	0.5	-0.2	1.2	0.3
1912	0.4	1.1	-0.4	-0.7
1913	0.7	0.8	-1.1	1.8
1914	0.5	0.9	1.0*	0.2H
1915	0.8H	0.4H	-0.2H	-0.9H
1916	1.0H	0.2*	-1.3	-0.3
1917	-1.3*	-1.5*	-0.6*	-2.1*
1918	-1.0*	-0.5*	-1.0*	-0.8*
1919	0.1H	-0.3H	-1.5H	-2.6H
1920	0.9H	1.8H	-0.6H	-1.1H
1921	1.0H	1.3H	0.5*	-0.2
1922	-0.2	0.5	-1.1	-1.0
1923	0.9	-0.5	-1.2	-0.9
1924	-1.0	-1.5	-0.9*	0.1
1925	1.0	0.7	-0.2	-1.0
1926	0.4	0.7	0.5	-0.2.
1927	0.6	-0.1	-0.5	-1.0
1928	-0.1	-0.0	-0.6	0.2
1929	-2.3	-2.8	-0.6	0.7
1930	0.7	0.8	-0.3	0.5
1931	0.4	0.2	-0.3	-0.0
1932	0.8	-0.4	0.8	0.2
1933	0.3	0.8	1.4	-0.1
1934	-0.4	0.1	1.1	1.4
1935	1.4	0.1	1.0	0.5
1936	0.6	0.0	0.1	0.2
1937	0.8	1.1	0.5	0.4
1938	0.9	0.3	0.3	1.1
1939	0.6	0.6	1.7.	-0.2H
1940	-1.7*	-0.1H	-0.1H	-0.1H

	JFM	AMJ	JAS	OND
1941	-	-	-	-
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-
1947	-	-	-	-
1948	0.9H	1.8H	-0.1H	0.5H
1949	0.6	0.7	1.1	1.3*
1950	0.6	1.1	1.3.	-1.0
1951	0.0	0.2.	0.6.	0.7
1952	0.4	0.9	0.4	-2.1
1953	-0.1	0.3	0.3	1.9
1954	-0.9	-0.3.	-1.0*	0.4
1955	-0.8	-1.8	0.4	0.5
1956	-0.9	-1.2	-1.4	-0.4
1957	0.9	0.7	0.5	-0.2
1958	-0.0	-0.9	0.5	0.9
1959	0.5	1.6	1.9	0.5
1960	0.4	0.9	0.3	0.5
1961	0.9	1.8	0.0	0.4
1962	-0.1*	-1.3.	-1.7	-0.5
1963	-3.2	-1.5.	-0.8*	-0.2.
1964	-0.7.	-0.2	0.1*	-0.2
1965	-0.0	-0.2	-0.9*	-0.7
1966	-0.2	0.8	-0.3*	0.4
1967	0.7	0.9.	1.0*	0.4.
1968	-0.0	0.1	-0.0*	-0.2
1969	-0.5	-0.7	1.3*	0.8*
1970	-0.9	0.1	0.1*	0.7*
1971	0.4	0.0.	0.4*	0.9
1972	0.1	0.2	0.0*	-0.1
1973	1.1	0.6*	1.2*	-0.6.
1974	0.9	1.0*	-0.0*	-0.7.
1975	1.0	-	-	-
1976	-	-	-	-
1977	-	-	-	-
1978	-	-	-	-
1979	-	-	-	-
1980	-	-	-	-
1981	-	-	-	-
1982	-	-	-	-

D O G G E R S B A N K

BIJLAGE 9

WATERTEMP. (GR.C): DOGGERSBANK-ZUID (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1917	-	-	3.1	3.6	6.9	13.9	15.5	16.1	14.1	11.9	9.4	6.7	-
1918	4.4*	4.3	4.2	5.4	9.4	12.9	13.1	15.2	13.7	12.1	10.3	8.8	9.5
1919	6.1	4.8	4.5.	5.7*	9.1*	12.1	12.7	14.0	13.8	12.0	9.1	6.7	9.2.
1920	5.1	5.1	5.7	6.9	9.1	12.6	15.4	14.6	14.2	13.4	11.0	8.4	10.1
1921	7.2*	6.0*	6.4	7.5	10.6	12.4	14.5.	-	-	-	-	-	-

WATERTEMP. (GR.C): DOGGERSBANK-ZUID (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
GEM	6.1	4.9	4.9	5.8	8.9	12.4	15.0	15.6	14.8	13.1	10.2	8.2	
1917	-	-	-1.8	-2.2	-2.0	1.5	0.5	0.5	-0.7	-1.2	-0.8	-1.5	-
1918	-1.7*	-0.6	-0.7	-0.4	0.5	0.5	-1.9	-0.4	-1.1	-1.0	0.1	0.6	-0.5
1919	0.0	-0.1	-0.4.	-0.1*	0.2*	-0.3	-2.3	-1.6	-1.0	-1.1	-1.1	-1.5	-0.8.
1920	-1.0	0.2	0.8	1.1	0.2	0.2	0.4	-1.0	-0.6	0.3	0.8	0.2	0.1
1921	1.1*	1.1*	1.5	1.7	1.7	0.0	-0.5.	-	-	-	-	-	-

WATERTEMP. (GR.C): DOGGERSBANK-NOORD (HOMOGENE REEKS)

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1917	-	-	3.3*	3.7	7.0	13.1	14.4	15.0	13.5	11.0	7.9	5.9	-
1918	4.3	4.6	4.6	5.2	8.5	11.6	13.1	15.2	12.8	10.6	9.2	7.9	9.0
1919	6.3	4.6	4.3	5.6	8.6	11.3	13.1	13.8	13.5	11.6	8.3	6.3	8.9
1920	5.5	5.8	5.8	6.8	9.1	12.6	14.9	14.4	13.5	12.2	10.1	7.7	9.9
1921	6.8	5.9	6.2	7.1	10.1	11.8	13.8.	-	-	-	-	-	-

WATERTEMP. (GR.C): DOGGERSBANK-NOORD (HOMOGENE REEKS)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
GEM	6.0	5.1	4.7	5.6	8.1	11.8	14.6	15.5	14.3	12.4	9.9	8.0	
1917	-	-	-1.4*	-1.9	-1.1	1.3	-0.2	-0.5	-0.8	-1.4	-2.0	-2.1	-
1918	-1.7	-0.5	-0.1	-0.4	0.4	-0.2	-1.5	-0.3	-1.5	-1.8	-0.7	-0.1	-0.7
1919	0.3	-0.5	-0.4	0.0	0.5	-0.5	-1.5	-1.7	-0.8	-0.8	-1.6	-1.7	-0.7
1920	-0.5	0.7	1.1	1.2	1.0	0.8	0.3	-1.1	-0.8	-0.2	0.2	-0.3	0.2
1921	0.8	0.8	1.5	1.5	2.0	0.0	-0.8.	-	-	-	-	-	-

DOGGERSBANK-ZUID (HOMOGENE REEKS)

	JFM	AMJ	JAS	OND
1917	-	8.1	15.2	9.3
1918	4.3.	9.2	14.0	10.4
1919	5.1	9.0*	13.5	9.3
1920	5.3	9.5	14.7	10.9
1921	6.5*	10.2	-	-

DOGGERSBANK-ZUID (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM

	JFM	AMJ	JAS	OND
1917	-	-0.9	0.1	-1.2
1918	-1.0.	0.2	-1.1	-0.1
1919	-0.2	-0.1*	-1.6	-1.2
1920	0.0	0.5	-0.4	0.4
1921	1.2*	1.1	-	-

DOGGERSBANK-NOORD (HOMOGENE REEKS)

	JFM	AMJ	JAS	OND
1917	-	7.9	14.3	8.3
1918	4.5	8.4	13.7	9.2
1919	5.1	8.5	13.5	8.7
1920	5.7	9.5	14.3	10.0
1921	6.3	9.7	-	-

DOGGERSBANK-NOORD (HOMOGENE REEKS)

AFW. T.O.V. 60JR-NORM

	JFM	AMJ	JAS	OND
1917	-	-0.6	-0.5	-1.8
1918	-0.8	-0.1	-1.1	-0.9
1919	-0.2	0.0	-1.3	-1.4
1920	0.4	1.0	-0.5	-0.1
1921	1.0	1.2	-	-

O O S T E R S C H E L D E

(F = 0,4)

BIJLAGE 10

SLOW-TEMP. (GR.C): VERTRAAGDE MEETREEKS OOSTERSCHELDE (F=0.4)
AFWIJKING T.O.V. 60JR-NORM

		J	F	M	A	M	J	J	A	S	O	N	D	JAAR
GEM		3.8	3.0	4.1	6.9	10.8	14.7	17.3	18.2	17.2	14.1	10.0	6.2	
1881		-	-	-	-	-	-	-	-	-	-	-	-	-
1882		-	-	-	-	-	-	-	-	-	-	-	-	-
1883		-	-	-	-	-	-	-	-	-	-	-	-	-
1884		-	-	-	-	-	-	-	-	-	-	-	-	-
1885		-	-	-	-	-	-	-	-	-	-	-	-	-
1886		-	-	-	-	-	-	-	-	-	-	-	-	-
1887		-	-	-	-	-	-	-	-	-	-	-	-	-
1888		-	-	-	-	-	-	-	-	-	-	-	-	-
1889		-	-	-	-	-	-	-	-	-	-	-	-	-
1890		-	-	-	-	-	-	-	-	-	-	-	-	-
1891		-3.6H	-2.0H	-1.1H	-1.0H	-0.9H	-0.7H	-0.2H	-0.8H	-0.2H	0.4H	-0.5H	0.5H	-0.8H
1892		0.1H	-0.2H	-1.4H	-1.2H	-0.8H	-0.3H	-0.4H	-0.6H	-0.4H	-1.3H	-0.2H	-0.4H	-0.6H
1893		-1.2H	-0.7H	0.8H	1.0H	1.3H	0.9H	1.0H	1.0H	0.3H	0.0H	-0.9H	-0.6H	0.2H
1894	R	-0.8.	0.3	1.1	2.4	1.0	-0.4	-0.1	-0.9	-1.4	-1.0	-0.1	0.3	0.0
1895	R	-0.7	-2.8	-2.5	-1.2	-0.4	0.4	0.0	-0.2	0.6	-0.2	-0.3	-0.6	-0.7
1896	R	-0.7	-0.1	0.8	0.7	0.3	1.1	0.9	0.0	-0.4	-1.3	-2.2	-1.9	-0.2
1897	R	-1.7	-1.0	0.6	0.4	0.0	0.5	0.2	0.6	-1.0	-1.0	-1.1	-0.7	-0.4
1898	R	0.6	1.2	0.2	0.2	-0.4	-0.7	-1.1	-0.2	0.5	0.4	0.6	1.4	0.2
1899	R	1.6	1.7	0.7	0.3	-0.6	-0.4	0.2	0.8	0.1	-0.9	0.5	-0.9	0.3
1900	R	-0.1	0.1	-0.2	-0.5	-0.9	-0.2	0.7	0.0	0.2	0.0	-0.1	1.1	0.0
1901	R	-0.1	-1.1	-1.2	-0.7	-0.4	0.0	1.0	0.5	-0.3	-0.3	-0.4	-0.3	-0.3
1902	R	1.1	-0.4	-0.1	-0.1	-1.6	-1.1	-0.7	-1.2	-1.0	-1.6	-1.7	-2.5	-0.9
1903	R	-1.2	0.7	1.5	-0.1	-0.4	-0.9	-1.0	-1.3	-1.1	-0.5	0.1	-0.6	-0.4
1904	R	-1.2	-0.1	-0.5	0.3	0.2	0.0	0.9	0.6	-0.6	-0.9	-0.4	0.5	-0.1
1905	R	0.2	0.7	1.0	0.3	-0.2	0.5	1.3	0.4	-0.6	-2.1	-2.1	-1.0	-0.1
1906	R	0.0	0.3	0.1	-0.2	-0.5	-0.8	-0.3	0.2	0.2	0.9	1.1	0.3	0.1
1907	R	-0.4	-1.1	-0.3	0.0	0.1	-0.8	-1.9	-1.6	-1.0	0.0	0.6	0.7	-0.5
1908	R	-1.6	-0.4	-0.4	-0.8	-0.3	0.3	0.2	-0.4	-1.2	-0.4	-1.2	-0.5	-0.6
1909	R	-1.1	-1.1	-1.6	-0.5	-0.5	-1.1	-1.9	-0.9	-1.2	-0.1	-0.5	-0.4	-0.9
1910	R	0.7	0.9	1.3	0.7	0.1	0.7	-0.8	-0.7	-0.9	-0.2	-1.1	0.3	0.1
1911	R	0.3	0.7	1.0	-0.1	0.7	0.4	0.7	1.9	1.6	-0.2	-0.5	0.4	0.6
1912	R	0.8	0.6	1.8	1.3	1.0	0.4	1.0	-0.9	-2.6	-2.3	-1.3	0.5	0.0
1913	R	1.1	1.2	1.4	0.8	0.7	0.1	-1.1	-1.0	-0.4	0.2	1.2	1.5	0.5
1914	R	-0.2	0.7	1.3	1.6	0.7	-0.1	0.6	0.5	-0.1	-0.4	-0.4	0.5	0.4
1915	R	1.2	1.2	0.6	0.3	0.4	0.6	-0.1	-0.4	-0.6	-1.0	-1.5	-0.1	0.0
1916	R	2.1	1.9	0.7	0.3	0.9	-1.0	-1.3	-0.4	-0.7	-0.3	-0.1	-0.3	0.2
1917	R	-0.3	-2.1*	-2.2	-2.8	-0.7	1.2	0.6	-0.1	-0.3	-1.5	-0.7	-1.1	-0.8
1918	R	-0.8.	0.9	0.7	0.3	0.9	-0.1	-0.6	-0.4	-1.2	-1.4	-0.8	0.8	-0.1
1919	R	1.2	-0.4	-0.1	-0.7	0.1	0.2	-1.5	-0.5	0.1	-1.0	-2.6	-1.1	-0.5
1920	R	0.5	2.0	2.2	2.0	1.5	1.0	0.5	-0.8	-1.1	-0.4	-1.7	-1.6	0.3
1921	R	1.1	1.6	2.0	1.6	1.7	0.8	1.1	0.8	0.6	1.9	-0.6	-1.2	1.0
1922	R	-0.8	-1.3	-0.1	-1.0	0.2	1.0	-0.7	-1.0	-1.5	-1.9	-2.0	-0.4	-0.8
1923	R	0.7	1.6	1.7	1.4	-0.2	-1.9	-0.2	-0.3	-0.9	-0.5	-1.3	-1.6	-0.1
1924	R	-1.8	-1.4	-1.6	-1.5	0.0	0.4	0.3	-0.6	-0.8	-0.3	-0.2	0.5	-0.6
1925	#	1.5	2.0	0.8	0.4	0.8	0.7	0.7	0.3	-1.0	-0.3	-1.2	-1.7#	0.3.
1926	#	-0.3	1.3	1.7	0.7#	-0.2	-0.5	0.5	0.4	1.1	0.1#	-0.4	0.5	0.4.
1927	#	1.0	0.5	1.2	1.1	0.5	-0.4	-0.2	0.3	0.0#	0.0#	0.0#	-1.2.	0.2*
1928	#	-0.7	0.9#	0.7#	0.8#	-0.2#	-0.7#	0.3#	0.1#	0.2	-0.3	0.4	0.3	0.2*
1929	#	-1.0#	-2.4.	-2.3.	-2.3	-1.0#	-0.7	-0.5	0.4	1.7	0.9	0.1	0.4	-0.6.
1930	#	1.5	0.7	0.2	0.0	0.5	1.8	0.7	-0.5	-0.4	-0.5	0.3	0.4	0.4
1931	#	1.0	0.3	-0.5	-0.3	0.1	0.5	0.3	-0.5	-0.9	-0.2#	0.4	1.2	0.1.
1932	#	1.6	0.7#	-0.5#	-0.5#	-0.6#	-0.2	0.6#	1.4#	1.4#	0.3#	0.3	0.2	0.4H
1933	#	0.3#	-0.1	0.1	0.8	0.6	0.7	0.8	1.1	0.9	1.0	0.0	-2.0.	0.4.
1934	#	-1.1.	-0.4	0.0	0.9	0.4	0.8	1.0	0.8	1.5	1.1	0.3	2.0	0.6
1935	#	1.9	1.4	0.8	0.3	-0.5	0.2	1.0#	0.9#	0.5#	0.0	0.4	-0.4	0.5*
1936	#	1.2	0.5	0.3	0.3	0.9	0.0	0.6	0.6	1.0	-0.4	-0.6	-0.5	0.3
1937	#	0.3	1.7	1.3	1.3.	1.1	1.3	0.5	0.8	0.7	0.6	0.3	-0.4	0.8
1938	SW	0.2	0.4	1.1	0.1	-0.5	-0.4	-0.8	0.8	0.7	0.9	1.6	0.7	0.4
1939	SW	0.4	0.7	0.6	0.8	0.6	0.6	0.2	0.5	1.9	0.1	0.1	0.0	0.5
1940	SW	-1.9*	-2.8*	-1.7	-0.7	0.4*	0.6*	0.1	-0.5	-0.8*	-0.7*	-0.1	-0.9	-0.8*

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941 SW	-2.3*	-2.2	-1.0	-1.0	-1.8	-0.5	1.2	-0.3	-0.1	0.5	-0.7	0.6	-0.6
1942 SW	-0.8*	-2.4*	-2.7.	-1.2	-0.9	-0.6	-0.6	0.0	0.7	1.1	1.0	1.3	-0.4.
1943 SW	0.7	1.7	1.6	1.9	1.3	0.5	0.2	0.3	0.2	0.7	0.4	-0.4	0.8
1944 SW	1.1*	0.9*	-0.2*	0.5*	0.0*	-0.6*	-0.4*	1.2*	0.4	0.2*	-0.1	0.2	0.3*
1945 SW	-0.9	0.6	1.7	2.4	1.4	0.9	0.8	0.3	0.6	1.3	0.9	0.6	0.9
1946 SW	-0.4	1.0	-0.4	1.0	0.8	-0.4	0.1	-0.5	-0.7	-0.1	-0.1	-0.6	-0.0
1947 SW	-1.8	-3.4	-3.6	-1.5	0.3	1.1	1.4	2.3	2.5	1.7	0.9	0.9	0.1
1948 SW	2.2	1.8	1.0	1.2	1.0	0.3	-1.1	-0.3	-0.3	-0.3	-0.1	0.4	0.5
1949 SW	0.8	1.0	-0.1	0.8	0.1	-0.4	0.3	0.4	1.9	2.5	0.8	1.0	0.8
1950 SW	0.5	1.0	1.3	0.5	0.1*	1.1*	1.1*	1.1*	0.2*	0.0*	-0.2*	-1.0*	0.5*
1951 SW	-0.3	0.7	0.2	-0.2	-0.7	-0.2	0.1	0.2	0.6	0.1	1.0	1.5	0.3
1952 SW	1.5	0.4	0.5	0.7	1.4	0.7	0.9	0.5	-0.7	-1.6	-1.4	-1.8	0.1
1953 SW	-1.4	-0.5.	0.0	0.3	0.7	0.0	0.2	0.4	0.0	1.0	1.4	2.6	0.4
1954 SW	1.3	-1.4.	-0.9	-0.6	-0.5	-0.4	-1.4	-1.3	-0.8	0.0	0.9	2.0	-0.3
1955 SW	0.3	-0.2	-2.0	-1.0	-1.0	-1.0	-0.1	0.7	1.2	1.0	0.8	1.2	-0.0
1956 SW	1.2	-2.0	-1.8	-1.4	-0.4	-1.2	-0.9	-1.4	-0.8	0.2	-0.2	1.3	-0.6
1957 SW	1.5	2.2	2.6	1.7	0.0	-0.3	0.4	-0.3	-1.1	-0.3	0.3	0.2	0.6
1958 SW	0.5	0.8	-0.5	-1.3	-0.5	-0.4	-0.3	-0.3	0.6	0.9	0.9	1.4	0.2
1959 SW	1.1	-0.3	0.5	1.0	1.1	0.7	1.0	1.1	1.2	1.3	0.5	0.7	0.8
1960 SW	0.9	0.8	0.7	0.5	0.7	0.7	-0.6	-0.2	0.1	0.0	0.7	1.0	0.4
1961 SW	0.5	1.7	2.3	2.6	1.7	0.5	-0.1	-0.7	0.6	1.5	0.4	0.4	1.0
1962 SW	0.3	0.4	-1.2	-1.1	-1.6	-1.6	-1.9	-1.5	-0.9	0.6	0.0	-0.8	-0.8
1963 SW	-2.9	-3.7	-2.9	-1.5	-1.4	-0.5	-0.5	-0.5	-0.6	-0.2	1.1	-0.6	-1.2
1964 SW	-1.0	-0.3	-1.4	-1.0	0.2	0.7	0.6	0.5	0.4	-0.3	-0.2	0.4	-0.1
1965 SW	0.2	-0.1	-0.6	0.0	-0.2	-0.5	-0.9	-0.6	-0.8	0.2	-0.7	0.0	-0.3
1966 SW	-0.6	0.6	1.1	0.3	0.5	0.7	-0.4	-0.5	0.0	1.2	0.2	0.7	0.3
1967 SW	0.8	1.6	1.7	0.6	0.5	-0.2	0.8	0.8	0.4	0.9	0.3	0.3	0.7
1968 SW	0.6	0.5	0.1	0.6	-0.3	-0.5	-0.5	-0.1	0.3	1.1	0.4	-0.3	0.2
1969 SW	0.3	-0.3	-1.4	-1.1	-0.2.	-0.1	0.2	0.9	0.9	1.8	1.5	-0.1	0.2
1970 SW	-0.6	-0.3	-0.6	-1.2	-0.4	0.7	0.0.	0.4	0.3	0.5	1.4	1.7	0.2
1971 SW	0.3	1.3	0.0	0.1	0.8*	-0.2	0.4*	0.5	0.5	1.3	0.6	1.5	0.6.
1972 SW	0.9	0.3	0.2	0.1	-0.3	-1.1	-0.3*	-0.2	-0.6	-0.6	0.1	0.9	-0.1
1973 SW	0.8	1.2	1.0	-0.2	-0.6	0.1*	0.6*	0.8	1.0	0.4	0.4	-0.1	0.4.
1974 SW	1.4	2.2	1.3	1.7	0.4*	0.2	-0.4	-0.1	-0.6	-1.4	-0.6	1.4	0.5
1975 SW	3.0	2.4	1.3	-0.2	-0.6	-0.2	0.4*	1.9	1.6	0.5	0.3	0.5	0.9
1976 SW	2.2	0.3	-0.2	-0.2	0.1	0.8	2.2	1.5	0.9	1.4	1.5	0.7	0.9
1977 SW	0.1	0.9	1.6	-0.3	-0.5	-0.8*	-0.4*	-0.4	-0.4	0.4	1.1	0.8	0.2.
1978 SW	1.1	-0.6	0.0	-0.1	-0.4	-0.3	-1.8*	-1.0	-0.8	0.0	0.9	0.2	-0.2
1979 SW	-1.7	-2.5	-1.9	-1.1	-0.9	-0.3*	-0.5*	-0.6	-0.1	0.8	0.5	1.7	-0.5.
1980 SW	0.2	1.1	0.7	0.1	-0.4	-0.4	-1.6*	-0.2*	0.4	0.4	-0.9	-0.5	-0.1.
1981 SW	0.2	0.5	1.0	1.0	0.2	-0.1*	-0.9	0.2*	0.5	-0.2	0.5	-0.6	0.2.
1982 SW	-1.3	-0.3	0.0	-0.2	-0.6*	1.0	0.8	1.0	1.2	1.6	2.1	1.7	0.6
1983 SW	2.4	0.4	0.0	-0.2	-0.6	-0.2	0.8*	1.5	0.6	0.7	1.1	1.2	0.6
1984 SW	1.7	1.2	0.0	-0.3	-0.8	-1.0	-1.0*	0.5*	-	-	-	-	-

SLOW-TEMP. (GR.C): VERTRAAGDE MEETREEKS OOSTERSCHELDE (F=0.4)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1861-1870	-	-	-	-	-	-	-	-	-	-	-	-	-
1871-1880	-	-	-	-	-	-	-	-	-	-	-	-	-
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	-0.7.	-0.4.	-0.1.	0.1.	-0.1.	0.0.	0.1.	-0.0.	-0.2.	-0.5.	-0.4.	-0.2.	-0.2.
1901-1910	-0.4	-0.2	-0.0	-0.1	-0.4	-0.3	-0.3	-0.4	-0.8	-0.5	-0.6	-0.4	-0.4
1911-1920	0.6	0.7	0.7	0.3	0.6	0.3	-0.1	-0.2	-0.5	-0.8	-0.8	-0.1	0.1
1921-1930	0.1.	0.4.	0.4.	0.1.	0.2.	0.1.	0.2.	-0.0.	-0.1.	-0.1.	-0.5.	-0.4.	0.0.
1931-1940	0.4.	0.2.	0.2.	0.3.	0.3.	0.4	0.4.	0.6.	0.7*	0.3*	0.3	-0.0	0.3.
1941-1950	-0.1.	0.0.	-0.2.	0.5	0.2.	0.1.	0.3.	0.5.	0.5	0.8.	0.3	0.3	0.3.
1951-1960	0.7	0.1	-0.1	-0.0	0.1	-0.1	-0.1	-0.1	0.0	0.3	0.5	1.0	0.2
1961-1970	-0.2	0.0	-0.3	-0.2	-0.1	-0.1	-0.3	-0.1	0.1	0.7	0.4	0.2	0.0
1971-1980	0.8	0.7	0.4	-0.0	-0.2.	-0.2.	-0.1*	0.2	0.2	0.3	0.4	0.7	0.3.
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	-0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	-0.0	-0.0	0.0	-0.0	0.0	0.0
SIGMA	1.17	1.26	1.23	1.00	0.75	0.75	0.78	0.75	0.86	0.88	0.88	1.06	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.4	0.5	0.3	0.2	0.3	0.2	0.0	0.0	-0.0	-0.0	-0.2	0.2	0.2
AANGEVULD	0.4	0.4	0.4	0.2	0.3	0.2	0.0	0.1	-0.1	-0.1	-0.3	0.0	0.1

SLOW-TEMP. (SIGMA) VERTRAAGDE MEETREEKS OOSTERSCHELDE (F=0.4)
AFWIJKING T.O.V. 60JR-NORM

		J	F	M	A	M	J	J	A	S	O	N	D	JAAR
GEM		3.8	3.0	4.1	6.9	10.8	14.7	17.3	18.2	17.2	14.1	10.0	6.2	
SIGMA		1.18	1.26	1.24	1.01	0.75	0.75	0.78	0.75	0.86	0.88	0.88	1.06	
1881		-	-	-	-	-	-	-	-	-	-	-	-	-
1882		-	-	-	-	-	-	-	-	-	-	-	-	-
1883		-	-	-	-	-	-	-	-	-	-	-	-	-
1884		-	-	-	-	-	-	-	-	-	-	-	-	-
1885		-	-	-	-	-	-	-	-	-	-	-	-	-
1886		-	-	-	-	-	-	-	-	-	-	-	-	-
1887		-	-	-	-	-	-	-	-	-	-	-	-	-
1888		-	-	-	-	-	-	-	-	-	-	-	-	-
1889		-	-	-	-	-	-	-	-	-	-	-	-	-
1890		-	-	-	-	-	-	-	-	-	-	-	-	-
1891		-3.1H	-1.6H	-0.9H	-1.0H	-1.2H	-0.9H	-0.3H	-1.1H	-0.2H	0.5H	-0.6H	0.5H	-0.8H
1892		0.1H	-0.2H	-1.1H	-1.2H	-1.1H	-0.4H	-0.5H	-0.8H	-0.5H	-1.5H	-0.2H	-0.4H	-0.6H
1893		-1.0H	-0.6H	0.6H	1.0H	1.7H	1.2H	1.3H	1.3H	0.3H	0.0H	-1.0H	-0.6H	0.4H
1894	R	-0.7.	0.2	0.9	2.4	1.3	-0.5	-0.1	-1.2	-1.6	-1.1	-0.1	0.3	-0.0
1895	R	-0.6	-2.2	-2.0	-1.2	-0.5	0.5	0.0	-0.3	0.7	-0.2	-0.3	-0.6	-0.6
1896	R	-0.6	-0.1	0.6	0.7	0.4	1.5	1.2	0.0	-0.5	-1.5	-2.5	-1.8	-0.2
1897	R	-1.4	-0.8	0.5	0.4	0.0	0.7	0.3	0.8	-1.2	-1.1	-1.3	-0.7	-0.3
1898	R	0.5	1.0	0.2	0.2	-0.5	-0.9	-1.4	-0.3	0.6	0.5	0.7	1.3	0.1
1899	R	1.4	1.3	0.6	0.3	-0.8	-0.5	0.3	1.1	0.1	-1.0	0.6	-0.8	0.2
1900	R	-0.1	0.1	-0.2	-0.5	-1.1	-0.3	0.9	0.0	0.2	0.0	-0.1	1.0	0.0
1901	R	-0.1	-0.9	-1.0	-0.7	-0.5	0.3	1.3	0.7	-0.3	-0.3	-0.5	-0.3	-0.2
1902	R	0.9	-0.3	-0.1	-0.1	-2.1	-1.5	-0.9	-1.6	-1.2	-1.8	-1.9	-2.4	-1.1
1903	R	-1.0	0.6	1.2	-0.1	-0.5	-1.2	-1.3	-1.7	-1.3	-0.6	0.1	-0.6	-0.5
1904	R	-1.0	-0.1	-0.4	0.3	0.3	0.0	1.2	0.8	-0.7	-1.0	-0.5	0.5	-0.1
1905	R	0.2	0.6	0.8	0.3	-0.3	0.7	1.7	0.5	-0.7	-2.4	-2.4	-0.9	-0.2
1906	R	0.0	0.2	0.1	-0.2	-0.7	-1.1	-0.4	0.3	0.2	1.0	1.3	0.3	0.1
1907	R	-0.3	-0.9	-0.2	0.0	0.1	-1.1	-2.4	-2.1	-1.2	0.0	0.7	0.7	-0.6
1908	R	-1.4	-0.3	-0.3	-0.8	-0.4	0.4	0.3	-0.5	-1.4	-0.5	-1.4	-0.5	-0.6
1909	R	-0.9	-0.9	-1.3	-0.5	-0.7	-1.5	-2.4	-1.2	-1.4	-0.1	-0.6	-0.4	-1.0
1910	R	0.6	0.7	1.0	0.7	0.1	0.9	-1.0	-0.9	-1.0	-0.2	-1.3	0.3	-0.0
1911	R	0.3	0.6	0.8	-0.1	0.9	0.5	0.9	2.5	1.9	-0.2	-0.6	0.4	0.7
1912	R	0.7	0.5	1.5	1.3	1.3	0.5	1.3	-1.2	-3.0	-2.6	-1.5	0.5	-0.1
1913	R	0.9	1.0	1.1	0.8	0.9	0.1	-1.4	-1.3	-0.5	0.2	1.4	1.4	0.4
1914	R	-0.2	0.6	1.0	1.6	0.9	-0.1	0.8	0.7	-0.1	-0.5	-0.5	0.5	0.4
1915	R	1.0	1.0	0.5	0.3	0.5	0.8	-0.1	-0.5	-0.7	-1.1	-1.7	-0.1	-0.0
1916	R	1.8	1.5	0.6	0.3	1.2	-1.3	-1.7	-0.5	-0.8	-0.3	-0.1	-0.3	0.0
1917	R	-0.3	-1.7*	-1.8	-2.8	-0.9	1.6	0.8	-0.1	-0.3	-1.7	-0.8	-1.0	-0.8
1918	R	-0.7.	0.7	0.6	0.3	1.2	-0.1	-0.8	-0.5	-1.4	-1.6	-0.9	0.8	-0.2
1919	R	1.0	-0.3	-0.1	-0.7	0.1	0.3	-1.9	-0.7	0.1	-1.1	-3.0	-1.0	-0.6
1920	R	0.4	1.6	1.8	2.0	2.0	1.3	0.6	-1.1	-1.3	-0.5	-1.9	-1.5	0.3
1921	R	0.9	1.3	1.6	1.6	2.3	1.1	1.4	1.1	0.7	2.2	-0.7	-1.1	1.0
1922	R	-0.7	-1.0	-0.1	-1.0	0.3	1.3	-0.9	-1.3	-1.7	-2.2	-2.3	-0.4	-0.8
1923	R	0.6	1.3	1.4	1.4	-0.3	-2.5	-0.3	-0.4	-1.0	-0.6	-1.5	-1.5	-0.3
1924	R	-1.5	-1.1	-1.3	-1.5	0.0	0.5	0.4	-0.8	-0.9	-0.3	-0.2	0.5	-0.5
1925	#	1.3	1.6	0.6	0.4	1.1	0.9	0.9	0.4	-1.2	-0.3	-1.4	-1.6#	0.2.
1926	#	-0.3	1.0	1.4	0.7#	-0.3	-0.7	0.6	0.5	1.3	0.1#	-0.5	0.5	0.4.
1927	#	0.8	0.4	1.0	1.1	0.7	-0.5	-0.3	0.4	0.0#	0.0#	0.0#	-1.1.	0.2*
1928	#	-0.6	0.7#	0.6#	0.8#	-0.3#	-0.9#	0.4#	0.1#	0.2	-0.3	0.5	0.3	0.1*
1929	#	-0.8#	-1.9.	-1.9.	-2.3	-1.3#	-0.9	-0.6	0.5	2.0	1.0	0.1	0.4	-0.5.
1930	#	1.3	0.6	0.2	0.0	0.7	2.4	0.9	-0.7	-0.5	-0.6	0.3	0.4	0.4
1931	#	0.8	0.2	-0.4	-0.3	0.1	0.7	0.4	-0.7	-1.0	-0.2#	0.5	1.1	0.1.
1932	#	1.4	0.6#	-0.4#	-0.5#	-0.8#	-0.3	0.8#	1.9#	1.6#	0.3#	0.3	0.2	0.4H
1933	#	0.3#	-0.1	0.1	0.8	0.8	0.9	1.0	1.5	1.0	1.1	0.0	-1.9.	0.5.
1934	#	-0.9.	-0.3	0.0	0.9	0.5	1.1	1.3	1.1	1.7	1.3	0.3	1.9	0.7
1935	#	1.6	1.1	0.6	0.3	-0.7	0.3	1.3#	1.2#	0.6#	0.0	0.5	-0.4	0.5*
1936	#	1.0	0.4	0.2	0.3	1.2	0.0	0.8	0.8	1.2	-0.5	-0.7	-0.5	0.4
1937	#	0.3	1.3	1.0	1.3.	1.5	1.7	0.6	1.1	0.8	0.7	0.3	-0.4	0.9
1938	SW	0.2	0.3	0.9	0.1	-0.7	-0.5	-1.0	1.1	0.8	1.0	1.8	0.7	0.4
1939	SW	0.3	0.6	0.5	0.8	0.8	0.8	0.3	0.7	2.2	0.1	0.1	0.0	0.6
1940	SW	-1.6*	-2.2*	-1.4	-0.7	0.5*	0.8*	0.1	-0.7	-0.9*	-0.8*	-0.1	-0.8	-0.6*

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1941 SW	-1.9*	-1.7	-0.8	-1.0	-2.4	-0.7	1.5	-0.4	-0.1	0.6	-0.8	0.6	-0.6
1942 SW	-0.7*	-1.9*	-2.2.	-1.2	-1.2	-0.8	-0.8	0.0	0.8	1.3	1.1	1.2	-0.4.
1943 SW	0.6	1.3	1.3	1.9	1.7	0.7	0.3	0.4	0.2	0.8	0.5	-0.4	0.8
1944 SW	0.9*	0.7*	-0.2*	0.5*	0.0*	-0.8*	-0.5*	1.6*	0.5	0.2*	-0.1	0.2	0.3*
1945 SW	-0.8	0.5	1.4	2.4	1.9	1.2	1.0	0.4	0.7	1.5	1.0	0.6	1.0
1946 SW	-0.3	0.8	-0.3	1.0	1.1	-0.5	0.1	-0.7	-0.8	-0.1	-0.1	-0.6	-0.0
1947 SW	-1.5	-2.7	-2.9	-1.5	0.4	1.5	1.8	3.1	2.9	1.9	1.0	0.8	0.4
1948 SW	1.9	1.4	0.8	1.2	1.3	0.4	-1.4	-0.4	-0.3	-0.3	-0.1	0.4	0.4
1949 SW	0.7	0.8	-0.1	0.8	0.1	-0.5	0.4	0.5	2.2	2.8	0.9	0.9	0.8
1950 SW	0.4	0.8	1.0	0.5	0.1*	1.5*	1.4*	1.5*	0.2*	0.0*	-0.2*	-0.9*	0.5*
1951 SW	-0.3	0.6	0.2	-0.2	-0.9	-0.3	0.1	0.3	0.7	0.1	1.1	1.4	0.2
1952 SW	1.3	0.3	0.4	0.7	1.9	0.9	1.2	0.7	-0.8	-1.8	-1.6	-1.7	0.1
1953 SW	-1.2	-0.4.	0.0	0.3	0.9	0.0	0.3	0.5	0.0	1.1	1.6	2.5	0.5
1954 SW	1.1	-1.1.	-0.7	-0.6	-0.7	-0.5	-1.8	-1.7	-0.9	0.0	1.0	1.9	-0.3
1955 SW	0.3	-0.2	-1.6	-1.0	-1.3	-1.3	-0.1	0.9	1.4	1.1	0.9	1.1	0.0
1956 SW	1.0	-1.6	-1.5	-1.4	-0.5	-1.6	-1.2	-1.9	-0.9	0.2	-0.2	1.2	-0.7
1957 SW	1.3	1.7	2.1	1.7	0.0	-0.4	0.5	-0.4	-1.3	-0.3	0.3	0.2	0.5
1958 SW	0.4	0.6	-0.4	-1.3	-0.7	-0.5	-0.4	-0.4	0.7	1.0	1.0	1.3	0.1
1959 SW	0.9	-0.2	0.4	1.0	1.5	0.9	1.3	1.5	1.4	1.5	0.6	0.7	0.9
1960 SW	0.8	0.6	0.6	0.5	0.9	0.9	-0.8	-0.3	0.1	0.0	0.8	0.9	0.4
1961 SW	0.4	1.3	1.9	2.6	2.3	0.7	-0.1	-0.9	0.7	1.7	0.5	0.4	0.9
1962 SW	0.3	0.3	-1.0	-1.1	-2.1	-2.1	-2.4	-2.0	-1.0	0.7	0.0	-0.8	-0.9
1963 SW	-2.5	-2.9	-2.3	-1.5	-1.9	-0.7	-0.6	-0.7	-0.7	-0.2	1.3	-0.6	-1.1
1964 SW	-0.8	-0.2	-1.1	-1.0	0.3	0.9	0.8	0.7	0.5	-0.3	-0.2	0.4	-0.0
1965 SW	0.2	-0.1	-0.5	0.0	-0.3	-0.7	-1.2	-0.8	-0.9	0.2	-0.8	0.0	-0.4
1966 SW	-0.5	0.5	0.9	0.3	0.7	0.9	-0.5	-0.7	0.0	1.4	0.2	0.7	0.3
1967 SW	0.7	1.3	1.4	0.6	0.7	-0.3	1.0	1.1	0.5	1.0	0.3	0.3	0.7
1968 SW	0.5	0.4	0.1	0.6	-0.4	-0.7	-0.6	-0.1	0.3	1.3	0.5	-0.3	0.1
1969 SW	0.3	-0.2	-1.1	-1.1	-0.3.	-0.1	0.3	1.2	1.0	2.0	1.7	-0.1	0.3
1970 SW	-0.5	-0.2	-0.5	-1.2	-0.5	0.9	0.0.	0.5	0.3	0.6	1.6	1.6	0.2
1971 SW	0.3	1.0	0.0	0.1	1.1*	-0.3	0.5*	0.7	0.6	1.5	0.7	1.4	0.6.
1972 SW	0.8	0.2	0.2	0.1	-0.4	-1.5	-0.4*	-0.3	-0.7	-0.7	0.1	0.8	-0.1
1973 SW	0.7	1.0	0.8	-0.2	-0.8	0.1*	0.8*	1.1	1.2	0.5	0.5	-0.1	0.4.
1974 SW	1.2	1.7	1.0	1.7	0.5*	0.3	-0.5	-0.1	-0.7	-1.6	-0.7	1.3	0.3
1975 SW	2.5	1.9	1.0	-0.2	-0.8	-0.3	0.5*	2.5	1.9	0.6	0.3	0.5	0.9
1976 SW	1.9	0.2	-0.2	-0.2	0.1	1.1	2.8	2.0	1.0	1.6	1.7	0.7	1.1
1977 SW	0.1	0.7	1.3	-0.3	-0.7	-1.1*	-0.5*	-0.5	-0.5	0.5	1.3	0.8	0.1.
1978 SW	0.9	-0.5	0.0	-0.1	-0.5	-0.4	-2.3*	-1.3	-0.9	0.0	1.0	0.2	-0.3
1979 SW	-1.4	-2.0	-1.5	-1.1	-1.2	-0.4*	-0.6*	-0.8	-0.1	0.9	0.6	1.6	-0.5.
1980 SW	0.2	0.9	0.6	0.1	-0.5	-0.5	-2.1*	-0.3*	0.5	0.5	-1.0	-0.5	-0.2.
1981 SW	0.2	0.4	0.8	1.0	0.3	-0.1*	-1.2	0.3*	0.6	-0.2	0.6	-0.6	0.2.
1982 SW	-1.1	-0.2	0.0	-0.2	-0.8*	1.3	1.0	1.3	1.4	1.8	2.4	1.6	0.7
1983 SW	2.0	0.3	0.0	-0.2	-0.8	-0.3	1.0*	2.0	0.7	0.8	1.3	1.1	0.7
1984 SW	1.4	1.0	0.0	-0.3	-1.1	-1.3	-1.3*	0.7*	-	-	-	-	-

SLOW-TEMP. (SIGMA) VERTRAAGDE MEETREEKS OOSTERSCHELDE (F=0.4)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1861-1870	-	-	-	-	-	-	-	-	-	-	-	-	-
1871-1880	-	-	-	-	-	-	-	-	-	-	-	-	-
1881-1890	-	-	-	-	-	-	-	-	-	-	-	-	-
1891-1900	-0.6.	-0.3.	-0.1.	0.1.	-0.2.	0.0.	0.2.	-0.0.	-0.2.	-0.6.	-0.5.	-0.2.	-0.2.
1901-1910	-0.3	-0.1	-0.0	-0.1	-0.5	-0.4	-0.4	-0.6	-0.9	-0.6	-0.6	-0.3	-0.4
1911-1920	0.5	0.5	0.6	0.3	0.8	0.4	-0.2	-0.3	-0.6	-0.9	-1.0	-0.0	0.0
1921-1930	0.1.	0.3.	0.3.	0.1.	0.3.	0.1.	0.3.	-0.0.	-0.1.	-0.1.	-0.6.	-0.4.	0.0.
1931-1940	0.3.	0.2.	0.1.	0.3.	0.3.	0.5	0.6.	0.8.	0.8*	0.3*	0.3	-0.0	0.4.
1941-1950	-0.1.	-0.0.	-0.2.	0.5	0.3.	0.2.	0.4.	0.6.	0.6	0.9.	0.3	0.3	0.3.
1951-1960	0.6	0.0	-0.1	-0.0	0.1	-0.2	-0.1	-0.1	0.0	0.3	0.6	1.0	0.2
1961-1970	-0.2	0.0	-0.2	-0.2	-0.2	-0.1	-0.3	-0.2	0.1	0.8	0.5	0.2	0.0
1971-1980	0.7	0.5	0.3	-0.0	-0.3.	-0.3.	-0.2*	0.3	0.2	0.4	0.4	0.7	0.2.
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	-0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	-0.0	-0.1	0.0	-0.1	0.0	-0.0
SIGMA	0.99	1.00	1.00	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.3	0.4	0.3	0.2	0.4	0.2	0.1	0.0	-0.0	-0.0	-0.2	0.2	0.1
AANGEVULD	0.3	0.3	0.3	0.2	0.4	0.2	0.1	0.1	-0.1	-0.2	-0.3	0.0	0.1

VERTRAAGDE MEETREEKS OOSTERSCHELDE (F=0.

AFW. T.O.V. 60JR-NORM

		JFM	AMJ	JAS	OND
1881		-	-	-	-
1882		-	-	-	-
1883		-	-	-	-
1884		-	-	-	-
1885		-	-	-	-
1886		-	-	-	-
1887		-	-	-	-
1888		-	-	-	-
1889		-	-	-	-
1890		-	-	-	-
1891		-2.2H	-0.9H	-0.4H	0.1H
1892		-0.5H	-0.8H	-0.5H	-0.6H
1893		-0.4H	1.1H	0.8H	-0.5H
1894	R	0.2	1.0	-0.8	-0.3
1895	R	-2.0	-0.4	0.1	-0.4
1896	R	-0.0	0.7	0.2	-1.8
1897	R	-0.7	0.3	-0.1	-0.9
1898	R	0.7	-0.3	-0.3	0.8
1899	R	1.3	-0.2	0.4	-0.4
1900	R	-0.1	-0.5	0.3	0.3
1901	R	-0.8	-0.4	0.4	-0.3
1902	R	0.2	-0.9	-1.0	-1.9
1903	R	0.3	-0.5	-1.1	-0.3
1904	R	-0.6	0.2	0.3	-0.3
1905	R	0.6	0.2	0.4	-1.7
1906	R	0.1	-0.5	0.0	0.8
1907	R	-0.6	-0.2	-1.5	0.4
1908	R	-0.8	-0.3	-0.5	-0.7
1909	R	-1.3	-0.7	-1.3	-0.3
1910	R	1.0	0.5	-0.8	-0.3
1911	R	0.7	0.3	1.4	-0.1
1912	R	1.1	0.9	-0.8	-1.0
1913	R	1.2	0.5	-0.8	1.0
1914	R	0.6	0.7	0.3	-0.1
1915	R	1.0	0.4	-0.4	-0.9
1916	R	1.6	0.1	-0.8	-0.2
1917	R	-1.5.	-0.8	0.1	-1.1
1918	R	0.3	0.4	-0.7	-0.5
1919	R	0.2	-0.1	-0.6	-1.6
1920	R	1.6	1.5	-0.5	-1.2
1921	R	1.6	1.4	0.8	0.0
1922	R	-0.7	0.1	-1.1	-1.4
1923	R	1.3	-0.2	-0.5	-1.1
1924	R	-1.6	-0.4	-0.4	0.0
1925	#	1.4	0.6	0.0	-1.1*
1926	#	0.9	0.0*	0.7	0.1*
1927	#	0.9	0.4	0.0*	-0.4H
1928	#	0.3H	-0.0#	0.2H	0.1
1929	#	-1.9*	-1.3*	0.5	0.5
1930	#	0.8	0.8	-0.1	0.1
1931	#	0.3	0.1	-0.4	0.5*
1932	#	0.6H	-0.4H	1.1#	0.3*
1933	#	0.1*	0.7	0.9	-0.3
1934	#	-0.5	0.7	1.1	1.1
1935	#	1.4	0.0	0.8#	0.0
1936	#	0.7	0.4	0.7	-0.5
1937	#	1.1	1.2	0.7	0.2
1938	SW	0.6	-0.3	0.2	1.1
1939	SW	0.6	0.7	0.9	0.1
1940	SW	-2.1*	0.1*	-0.4.	-0.6.
1941	SW	-1.8.	-1.1	0.3	0.1
1942	SW	-2.0*	-0.9	0.0	1.1
1943	SW	1.3	1.2	0.2	0.2
1944	SW	0.6*	-0.0*	0.4*	0.1.
1945	SW	0.5	1.6	0.6	0.9
1946	SW	0.1	0.5	-0.4	-0.3
1947	SW	-2.9	-0.0	2.1	1.2
1948	SW	1.7	0.8	-0.6	0.0
1949	SW	0.6	0.2	0.9	1.4
1950	SW	0.9	0.6*	0.8*	-0.4*
1951	SW	0.2	-0.4	0.3	0.9
1952	SW	0.8	0.9	0.2	-1.6
1953	SW	-0.6	0.3	0.2	1.7
1954	SW	-0.3	-0.5	-1.2	1.0
1955	SW	-0.6	-1.0	0.6	1.0
1956	SW	-0.9	-1.0	-1.0	0.4
1957	SW	2.1	0.5	-0.3	0.1
1958	SW	0.3	-0.7	0.0	1.1
1959	SW	0.4	0.9	1.1	0.8
1960	SW	0.8	0.6	-0.2	0.6
1961	SW	1.5	1.6	-0.1	0.8
1962	SW	-0.2	-1.4	-1.4	-0.1
1963	SW	-3.2	-1.1	-0.5	0.1
1964	SW	-0.9	-0.0	0.5	-0.0
1965	SW	-0.2	-0.2	-0.8	-0.2
1966	SW	0.4	0.5	-0.3	0.7
1967	SW	1.4	0.3	0.7	0.5
1968	SW	0.4	-0.1	-0.1	0.4
1969	SW	-0.5	-0.5	0.7	1.1
1970	SW	-0.5	-0.3	0.2	1.2
1971	SW	0.5	0.2.	0.5.	1.1
1972	SW	0.5	-0.4	-0.4.	0.1
1973	SW	1.0	-0.2.	0.8.	0.2
1974	SW	1.6	0.8.	-0.4	-0.2
1975	SW	2.2	-0.3	1.3.	0.4
1976	SW	0.8	0.2	1.5	1.2
1977	SW	0.9	-0.5.	-0.4.	0.8
1978	SW	0.2	-0.3	-1.2.	0.4
1979	SW	-2.0	-0.8.	-0.4.	1.0
1980	SW	0.7	-0.2	-0.5*	-0.3
1981	SW	0.6	0.4.	-0.1.	-0.1
1982	SW	-0.5	0.1.	1.0	1.8
1983	SW	0.9	-0.3	1.0.	1.0
1984	SW	1.0	-0.7	-	-

VERTRAAGDE MEETREEKS OOSTERSCHELDE (F=0.

AFW. T.O.V. 60JR-NORM
GENORMEERD OP SIGMA

		JFM	AMJ	JAS	OND
1881		-	-	-	-
1882		-	-	-	-
1883		-	-	-	-
1884		-	-	-	-
1885		-	-	-	-
1886		-	-	-	-
1887		-	-	-	-
1888		-	-	-	-
1889		-	-	-	-
1890		-	-	-	-
1891		-1.8H	-1.0H	-0.5H	0.1H
1892		-0.4H	-0.9H	-0.6H	-0.7H
1893		-0.3H	1.3H	1.0H	-0.5H
1894	R	0.1	1.1	-1.0	-0.3
1895	R	-1.6	-0.4	0.1	-0.4
1896	R	-0.0	0.9	0.2	-1.9
1897	R	-0.6	0.4	-0.0	-1.0
1898	R	0.5	-0.4	-0.4	0.8
1899	R	1.1	-0.3	0.5	-0.4
1900	R	-0.1	-0.6	0.4	0.3
1901	R	-0.6	-0.4	0.5	-0.4
1902	R	0.2	-1.2	-1.2	-2.0
1903	R	0.2	-0.6	-1.4	-0.3
1904	R	-0.5	0.2	0.4	-0.3
1905	R	0.5	0.2	0.5	-1.9
1906	R	0.1	-0.6	0.0	0.9
1907	R	-0.5	-0.3	-1.9	0.4
1908	R	-0.7	-0.3	-0.6	-0.8
1909	R	-1.0	-0.9	-1.7	-0.4
1910	R	0.8	0.6	-1.0	-0.4
1911	R	0.5	0.5	1.8	-0.1
1912	R	0.9	1.1	-1.0	-1.2
1913	R	1.0	0.6	-1.1	1.0
1914	R	0.5	0.8	0.4	-0.1
1915	R	0.8	0.5	-0.5	-1.0
1916	R	1.3	0.1	-1.0	-0.2
1917	R	-1.2.	-0.7	0.1	-1.2
1918	R	0.2	0.5	-0.9	-0.6
1919	R	0.2	-0.1	-0.8	-1.7
1920	R	1.3	1.8	-0.6	-1.3
1921	R	1.3	1.6	1.1	0.1
1922	R	-0.6	0.2	-1.3	-1.6
1923	R	1.1	-0.5	-0.6	-1.2
1924	R	-1.3	-0.3	-0.4	-0.0
1925	#	1.2	0.8	0.0	-1.1*
1926	#	0.7	-0.1*	0.8	0.0*
1927	#	0.7	0.4	0.0*	-0.4H
1928	#	0.2H	-0.1#	0.3H	0.1
1929	#	-1.5*	-1.5*	0.6	0.5
1930	#	0.7	1.0	-0.1	0.1
1931	#	0.2	0.2	-0.4	0.5*
1932	#	0.5H	-0.5H	1.4#	0.3*
1933	#	0.1*	0.8	1.2	-0.3
1934	#	-0.4	0.8	1.4	1.2
1935	#	1.1	-0.0	1.0#	0.0
1936	#	0.6	0.5	0.9	-0.5
1937	#	0.9	1.5	0.8	0.2
1938	SW	0.5	-0.4	0.3	1.2
1939	SW	0.5	0.8	1.0	0.1
1940	SW	-1.7*	0.2*	-0.5.	-0.6.

		JFM	AMJ	JAS	OND
1941	SW	-1.5.	-1.4	0.3	0.1
1942	SW	-1.6*	-1.1	0.0	1.2
1943	SW	1.1	1.4	0.3	0.3
1944	SW	0.5*	-0.1*	0.5*	0.1.
1945	SW	0.4	1.8	0.7	1.0
1946	SW	0.0	0.5	-0.5	-0.3
1947	SW	-2.4	0.1	2.6	1.3
1948	SW	1.4	1.0	-0.7	-0.0
1949	SW	0.5	0.1	1.0	1.6
1950	SW	0.8	0.7*	1.0*	-0.4*
1951	SW	0.2	-0.5	0.4	0.9
1952	SW	0.7	1.2	0.3	-1.7
1953	SW	-0.5	0.4	0.3	1.7
1954	SW	-0.2	-0.6	-1.5	1.0
1955	SW	-0.5	-1.2	0.7	1.1
1956	SW	-0.7	-1.2	-1.3	0.4
1957	SW	1.7	0.4	-0.4	0.1
1958	SW	0.2	-0.8	-0.0	1.1
1959	SW	0.4	1.1	1.4	0.9
1960	SW	0.7	0.8	-0.3	0.6
1961	SW	1.2	1.8	-0.1	0.8
1962	SW	-0.1	-1.8	-1.8	-0.0
1963	SW	-2.6	-1.3	-0.7	0.2
1964	SW	-0.7	0.1	0.6	-0.1
1965	SW	-0.1	-0.3	-1.0	-0.2
1966	SW	0.3	0.6	-0.4	0.8
1967	SW	1.1	0.3	0.9	0.5
1968	SW	0.3	-0.2	-0.1	0.5
1969	SW	-0.4	-0.5	0.8	1.2
1970	SW	-0.4	-0.3	0.3	1.3
1971	SW	0.4	0.3.	0.6.	1.2
1972	SW	0.4	-0.6	-0.4.	0.1
1973	SW	0.8	-0.3.	1.0.	0.3
1974	SW	1.3	0.8.	-0.4	-0.3
1975	SW	1.8	-0.4	1.6.	0.5
1976	SW	0.6	0.3	2.0	1.3
1977	SW	0.7	-0.7.	-0.5.	0.8
1978	SW	0.2	-0.3	-1.5.	0.4
1979	SW	-1.7	-0.9.	-0.5.	1.0
1980	SW	0.5	-0.3	-0.6*	-0.3
1981	SW	0.5	0.4.	-0.1.	-0.1
1982	SW	-0.4	0.1.	1.3	1.9
1983	SW	0.8	-0.4	1.2.	1.1
1984	SW	0.8	-0.9	-	-

D E N H E L D E R
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(F = 0,3)

BIJLAGE 11

SLOW-TEMP. (GR.C): VERTRAAGDE MEETREEKS DEN HELDER (F=0,3)
AFWIJKING T.O.V. 60JR-NORM

GEM	4.2	3.3	3.9	6.4	9.9	13.5	16.1	17.1	16.2	13.6	10.0	6.7	
	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1859	-	-	-	-	-	-	-	-	-	-	-	-	-
1860	-	-	-	-	-	-	-	-	-	-0.6	-1.0	-1.3	-
1861	-2.5	-0.5	0.8	0.8	-0.2	0.9	1.1	1.4	1.0	2.0	1.1	1.1	0.6
1862	0.9	1.1	1.4	1.6	1.9	0.8	-0.4	0.1	0.5	1.1	0.7	0.9	0.9
1863	2.3	3.0	2.8	2.4	1.4	0.6	0.3	0.4	-0.4	0.6	0.9	1.7	1.3
1864	-0.6	-0.3	0.4	0.7	0.1	-0.3	-0.6	-0.9	-0.3	-0.4	-0.2	-1.0	-0.3
1865	-0.5	-1.7	-1.6	0.1	1.4	0.3	0.9	0.9	2.3	1.6	1.3	1.7	0.6
1866	2.6	2.9	1.8	2.0	1.0	1.9	1.0	0.0	0.1	0.7	0.8	1.5	1.4
1867	0.9	2.3	0.8	0.9	0.7	0.6	-0.4	0.5	1.3	0.2	0.4	0.1	0.7
1868	-0.4	1.4	2.3	1.7	2.9	2.8	2.5	2.7	1.9	1.0	0.2	1.7	1.7
1869	2.1	3.2	1.5	1.9	1.3	-0.4	-2.1	-0.9	0.0	0.3	-0.1	-0.5	0.5
1870	0.1	-1.9	-1.7	-0.6	-0.6	-0.5	-0.2	0.0	-0.6	-0.3	-0.3	-1.5	-0.7
1871	-2.7	-1.9	0.3	0.1	-0.3	-0.7	-0.4	0.8	0.8	-0.4	-1.7	-2.1	-0.7
1872	-0.1	1.2	2.0	1.8	1.4	1.4	2.0	1.1	0.8	0.0	0.1	0.6	1.0
1873	2.2	0.2	0.7	0.7	-0.5	-0.1	0.7	0.8	0.0	0.1	-0.1	1.0	0.5
1874	2.0	1.7	1.7	2.0	0.6	0.5	1.3	0.3	0.4	0.6	-0.2	-1.1	0.8
1875	0.1	-0.7	-1.2	-0.5	0.4	0.7	0.6	1.3	1.2	-0.7	-1.6	-2.2	-0.2
1876	-1.7	-0.5	0.4	0.6	-0.1	0.4	0.9	0.9	0.0	0.6	-0.9	0.1	0.1
1877	1.8	2.6	1.1	0.6	-0.4	0.8	0.5	0.5	-0.5	-0.8	0.4	0.3	0.6
1878	1.1	1.8	1.7	1.7	1.6	0.9	0.5	1.0	1.0	0.6	-0.1	-0.8	0.9
1879	-1.7	-1.6	-1.4	-1.3	-1.2	-0.6	-1.2	-0.4	-0.2	0.0	-0.8	-2.9	-1.1
1880	-1.5	-0.4	0.9	1.0	0.6	0.1	0.4	1.5	2.1	0.3	-0.2	0.8	0.5
1881	-0.5	-1.1	-0.4	-0.5	-0.2	0.0	0.7	0.0	-0.1	-1.5	-0.7	0.5	-0.3
1882	1.7	1.8	2.7	2.0	1.4	0.4	0.2	-0.3	-0.2	-0.1	-0.5	-0.6	0.7
1883	0.3	1.5	0.3	0.2	0.3	0.6	0.3	-0.2	0.1	0.1	0.6	0.4	0.4
1884	1.6	2.0	1.6	0.9	0.4	-0.2	0.7	1.3	1.2	0.6	0.1	0.0	0.9
1885	-0.7	0.5	0.7	0.9	0.0	0.1	0.3	-0.7	-0.7	-1.1	-1.4	-0.8	-0.2
1886	-0.2	-1.1	-1.8	-0.6	-0.2	-0.3	-0.2	0.3	1.4	1.1	1.1	0.5	0.0
1887	-0.5	-0.7	-0.9	-0.9	-1.1	-0.4	0.1	-0.1	-0.4	-1.5	-1.4	-0.6	-0.7
1888	-0.5	-1.5	-2.8	-2.6	-1.8	-1.3	-1.6	-1.6	-0.7	-1.5	-1.5	0.2	-1.4
1889	0.3	0.0	-0.7	-0.8	1.1	2.0	0.7	-0.2	-0.6	-1.2	-0.3	-0.7	-0.0
1890	0.7	0.2	-0.3	-0.3	0.7	-0.4	-1.0	-0.5	0.1	0.2	0.0	-3.2	-0.3
1891	-4.1	-2.3	-1.4	-1.4	-1.1	-0.9	-0.5	-0.8	0.3	0.9	0.3	0.4	-0.9
1892	-0.4	-0.1	-1.2	-0.8	-0.8	-0.6	-0.8	-0.5	-0.2	-0.7	0.1	-0.3	-0.5
1893	-1.7	-0.5	0.6	1.1	1.3	1.1	0.7	0.8	0.2	0.2	-0.8	-0.2	0.2
1894	-0.9	0.1	1.0	1.8	0.8	-0.4	-0.1	-0.6	-0.9	-1.1	0.4	0.7	0.1
1895	-0.3	-2.8	-2.4	-1.3	-0.5	-0.1	-0.6	0.0	0.9	0.1	-0.2	-1.0	-0.7
1896	-0.6	0.1	0.6	0.4	0.1	1.1	0.8	-0.2	0.0	-0.6	-1.5	-1.4	-0.1
1897	-1.9	-1.8	0.0	0.0	-0.2	0.5	0.0	0.6	-0.4	-0.6	-0.8	-0.2	-0.4
1898	1.4	1.5	0.4	0.0	-0.5	-0.5	-1.3	-0.3	0.6	0.1	0.7	1.6	0.3
1899	1.9	1.6	1.0	0.3	-0.5	-0.3	0.4	0.7	0.2	-0.7	0.8	-0.5	0.4
1900	0.1	-0.1	-0.4	-0.8	-0.9	-0.3	0.3	0.1	0.2	0.1	0.2	1.1	-0.0
1901	-0.7	-1.1	-0.9	-0.5	-0.2	-0.1	1.0	1.1	0.1	0.3	0.3	0.2	-0.0
1902	1.4	-0.3	-0.3	-0.3	-1.4	-0.7	-0.6	-1.1	-0.9	-1.3	-1.3	-3.3	-0.8
1903	-1.4	0.6	1.5	-0.1	-0.3	-0.6	-0.8	-1.1	-0.8	-0.1	0.3	-0.6	-0.3
1904	-0.9	-0.1	-0.9	-0.1	-0.4	-0.5	0.2	0.3	-0.6	-0.8	-0.1	1.0	-0.2
1905	0.8	0.8	1.0	-0.3	-0.2	0.4	1.0	0.3	-0.5	-2.1	-1.8	-0.7	-0.1
1906	0.5	0.6	0.1	-0.3	-0.3	-1.0	-0.7	0.0	0.1	0.8	1.4	0.2	0.1
1907	0.1	-1.0	-0.5	-0.2	-0.3	-1.0	-1.7	-1.7	-1.1	0.3	0.9	0.7	-0.5
1908	-1.2	-0.2	-0.4	-0.7	-0.4	0.3	0.1	-0.6	-1.1	-0.5	-0.7	-0.2	-0.5
1909	-0.6	-1.5	-2.1	-1.0	-0.8	-1.2	-1.5	-1.1	-1.4	-0.1	-0.5	-0.1	-1.0
1910	1.5	1.4	1.5	0.6	0.3	1.0	-0.4	-0.4	-0.6	-0.2	-1.1	0.3	0.3
1911	0.8	1.2	0.9	-0.6	0.4	0.3	0.2	1.7	1.3	-0.4	-0.1	0.8	0.5
1912	0.7	0.4	2.1	1.4	0.7	0.1	1.1	-0.6	-2.3	-2.0	-0.6	1.0	0.2
1913	1.2	1.5	1.5	0.7	0.5	0.0	-1.3	-1.3	-0.5	0.1	1.4	2.1	0.5
1914	0.7	1.4	1.5	1.8	0.9	0.2	1.0	0.9	0.5	-0.1	0.1	1.0	0.8
1915	1.9	1.4	0.8	0.5	0.0	0.4	0.0	0.2	0.1	-0.4	-1.2	-0.1	0.3
1916	2.0	1.8	0.4	0.4	0.6	-0.8	-1.2	-0.5	-0.7	-0.1	0.1	-0.3	0.1
1917	-0.8	-2.8	-2.9	-2.9	-1.0	0.9	0.3	0.3	0.1	-0.5	-0.1	-0.9	-0.9
1918	-0.7	0.4	0.2	0.1	0.6	0.1	-0.5	-0.4	-0.8	-0.5	-0.1	1.2	-0.0
1919	1.3	-0.5	-0.1	-0.6	0.2	0.0	-1.6	-1.1	-0.1	-1.0	-2.8	-1.3	-0.6
1920	0.5	1.8	2.5	2.2	1.5	0.9	0.6	-0.6	-0.7	-0.4	-1.6	-1.5	0.4
1921	1.2	1.5	2.2	1.6	1.9	0.7	0.6	0.6	0.7	1.7	-1.0	-1.4	0.9
1922	-0.9	-1.4*	0.1	-1.1	-0.1	0.4	-0.9	-0.9	-1.0	-1.4	-1.4	0.2	-0.7
1923	1.4	1.2	1.3	0.8	-0.3	-2.0	-0.5	-0.2	-0.5	-0.2	-0.6	-1.4	-0.1
1924	-2.0	-1.3	-1.4	-1.4	-0.9	-0.6	-0.1	-0.5	-0.3	0.0	0.1	1.1	-0.6
1925	1.9	2.0	1.2	0.4	0.7	0.5	0.8	0.4	-1.1	-0.6	-1.0	-1.4	0.3
1926	-0.4	1.2	1.8	1.7	0.5	0.0	0.4	0.0	0.7	-0.5	-0.3	0.1	0.4
1927	1.2	1.0	1.7	1.2	0.2	-1.0	-0.5	0.1	-0.1	-0.2	-0.7	-2.2	0.1
1928	-1.1	0.7	0.1	0.3	-0.2	-0.7	-0.1	-0.3	0.2	-0.2	0.8	0.3	-0.0
1929	-1.1	-3.1*	-3.1	-2.4	-1.2	-1.2	-0.6	-0.3	1.0	0.6	0.1	0.8	-0.9
1930	2.1	0.7	0.4	0.5	0.5	1.4	0.8	-0.1	0.1	0.0	0.3	0.5	0.6

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1931	1.2	0.6	-0.4	-0.5	0.0	0.0	0.1	-0.4	-1.1	-0.7	-0.2	0.8	-0.0
1932	2.1	1.3	0.2	-0.3	-0.1	-0.2	0.6	1.3	0.7	-0.1	-0.1	0.2	0.5
1933	0.2	0.1	0.8	0.9	0.5	0.8	0.7	1.0	1.1	1.3	0.2	-3.0	0.4
1934	-1.3	0.0	0.6	0.9	0.5	0.3	0.7	0.7	1.1	1.1	0.6	2.2	0.6
1935	2.2	2.0	1.2	0.6	-0.1	0.1	0.7	0.7	0.3	0.0	0.5	0.0	0.7
1936	1.3	0.8	1.0	0.3	0.5	0.5	0.2	0.5	0.9	0.2	0.1	0.4	0.6
1937	0.9	1.0	0.4	0.4	0.5	0.8	0.4	0.4	0.2	0.5	0.4	0.1	0.5
1938	1.2	1.2	1.8	0.9	0.2	0.2	-0.2	0.9	0.8	0.9	1.9	0.2	0.8
1939	0.4	1.0	1.0	0.8	0.5	1.0	0.6	1.2	2.1	-0.4	0.0	-0.1	0.7
1940	-2.7	-3.7	-2.1	-1.1	0.0	0.9	0.6	-0.3	-0.6	-0.5	0.3	-0.2	-0.8
1941	-2.1	-1.7	-0.5	-1.0	-1.3	-0.1	1.2	0.1	0.1	0.4	-1.2	0.5	-0.5
1942	-1.4*	-3.3	-3.8	-2.0	-1.3	-0.6	-0.7	0.1	0.8	1.1	0.8	1.1	-0.8
1943	0.7	1.8	2.0	1.7	1.3	0.9	0.4	0.4	0.5	0.6	0.5	-0.2	0.9
1944	1.3	1.2	0.4	0.5	0.0	-0.7	-0.4	1.0	0.0.	-0.2*	-0.2*	0.0*	0.2.
1945	-0.6*	0.5	1.4	1.7	1.7	1.1	1.1	0.4	0.6	1.0	0.7	0.3	0.8
1946	0.2	1.0	0.0	0.7	1.0	0.2	0.4	0.0	-0.1	0.0	-0.2	-1.1	0.2
1947	-2.0	-4.1*	-4.4*	-2.2	-0.4	0.6	1.3	2.2	2.7	1.0	0.3	0.4	-0.4.
1948	1.7	1.4	0.8	1.4	1.6	0.8	-0.2	0.2	0.1	0.2	0.2	0.7	0.7
1949	1.2	1.3	0.4	0.9	0.5	-0.3	0.1	0.3	1.9	2.2	0.9	1.1	0.9
1950	0.9	1.0	1.5	0.8	0.4	0.8	0.7	1.0	0.2	-0.3	-0.4	-0.8	0.5
1951	0.1	0.6	0.3	-0.3	-0.3	0.0	-0.2	0.1	0.4	-0.2	0.6	1.4	0.2
1952	1.4	0.6	0.6	0.3	1.1	0.4	0.5	0.5	-0.4	-1.6	-1.8	-1.6	0.0
1953	-0.6	-0.2	0.5	0.4	0.5	0.3	0.7	0.3	0.0	0.8	1.7	2.4	0.6
1954	0.8	-2.4.	-1.4	-0.7	-0.2	0.0	-1.1	-0.9	-0.5	0.0	0.4	1.3	-0.4
1955	-0.1	-0.5	-1.9	-1.2	-1.4	-1.6	-0.4	0.7	1.1	0.6	0.4	1.0	-0.3
1956	1.3	-2.2	-1.8	-1.2	-0.4	-0.9	-0.8	-1.4	-0.8	-0.3	-0.7	0.5	-0.7
1957	1.1	2.0	2.2	1.8	0.4	0.9	1.2	0.4	-0.6	-0.3	0.1	-0.1	0.8
1958	0.7	0.8	-0.5	-1.3	-0.6	-0.5	-0.2	0.2	1.0	0.7	0.7	1.1	0.2
1959	1.1	0.3	1.1	1.6	1.5	1.1	1.5	1.6	1.3	0.7	0.2	0.3	1.0
1960	1.1	0.8	0.6	0.6	0.8	1.2	-0.1	0.1	0.3	0.2	0.8	1.0	0.6
1961	0.7	1.6	2.2	2.0	1.2	0.7	-0.2	-0.7	0.6	1.3	0.2	-0.3	0.8
1962	0.6	0.6	-0.9	-1.0	-1.4	-1.2	-2.0	-1.5	-1.1	0.1	-0.5	-1.3	-0.8
1963	-3.7*	-4.3*	-3.3	-1.7	-1.3	-0.5	-0.2	-0.4	-0.2	-0.5	0.7	-0.6	-1.3.
1964	-0.9	-0.3	-1.4	-1.2	0.4	0.9	0.3	0.5	-0.1	-1.0	-0.5	-0.1	-0.3
1965	0.5	0.2	-0.4	0.1	0.1	-0.3	-0.9	-0.7	-0.8	0.2	-1.4.	-0.7	-0.3
1966	-1.0.	-0.4.	0.9	-0.2	0.7	1.0	0.0	-0.4	0.1	0.9	-0.1	0.0	0.1
1967	0.5	1.3	1.9	0.9	0.7	0.2	0.8	0.7	0.6	0.9.	0.3	0.1	0.7
1968	0.4.	0.3.	0.2	0.5	0.1	0.3	-0.2	0.0	0.7	0.8	0.0	-1.0.	0.2
1969	0.0	-0.9.	-1.9	-1.5	-0.8	0.0	0.7	1.4	1.0	1.4	1.0.	-0.9.	-0.0
1970	-1.8.	-1.1.	-0.7	-1.2	-0.2	1.1	-0.4	0.0	0.0	0.2	0.5.	0.6.	-0.2
1971	0.4	1.3	0.3.	0.1	0.7	0.2	0.5	0.3	0.2	0.8	-0.1	0.8	0.5
1972 R	0.3.	-0.4	0.2.	0.2	-0.2	-0.6.	0.1	0.1	-0.9	-1.0	-0.1	0.8	-0.1
1973 R	0.9	1.3	1.6	0.4	0.2	0.6	1.3	0.9	1.3	0.0	-0.2	-0.9	0.6
1974 R	0.8	2.2	1.2	1.3	0.5	0.3	-0.3	0.2	0.1	-1.0	-0.6	0.8	0.5
1975 R	2.5	1.7	0.8	-0.3	-0.5	0.0	0.3	1.5	0.9	-0.3	-0.3	0.4	0.6
1976 R	1.6	-0.6	-0.9	-0.2	0.3	1.2	2.3	1.4	0.2	0.5	0.5	-0.3	0.5
1977 R	-0.3	0.9	1.9	0.1	-0.1	-0.5	-0.2	-0.4	-0.5	0.1	0.6	-0.1	0.1
1978 R	0.8	-0.7	0.3	-0.4	-0.4	-0.2	-1.4	-0.5	-0.8	-0.1	1.2	-0.8	-0.3
1979 R	-2.6	-3.0	-1.8	-1.1	-1.2	-0.3	-0.7	-0.1	0.5	0.2	0.1	1.2	-0.7
1980 R	-0.1	0.8	0.5	0.3	0.1	0.7	-0.6	0.2	0.9	0.5	-0.4	-0.2	0.2
1981	0.2	0.3	0.9	0.9	0.7	0.2	-0.2	0.3	0.7	-0.3	0.0	-1.7	0.2
1982	-1.5	-0.1	0.5	0.4	0.7	1.6	1.5	1.3	1.2	1.3	1.5	1.0	0.8
1983	1.9	0.5	0.4	0.2	-0.3	-0.1	1.3	1.5	0.3	0.4	0.2	0.3	0.5
1984	0.8	0.3	0.0	-0.2	-0.4	-0.7	-1.4	0.2	0.3	0.7	-	-	-

SLOW-TEMP. (GR.C): VERTRAAGDE MEETREEKS DEN HELDER (F=0,3)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1861-1870	0.5	1.0	0.9	1.2	1.0	0.7	0.2	0.4	0.6	0.7	0.5	0.6	0.7
1871-1880	-0.0	0.2	0.6	0.7	0.2	0.3	0.5	0.8	0.6	0.0	-0.5	-0.6	0.2
1881-1890	0.2	0.2	-0.2	-0.2	0.1	0.0	0.0	-0.2	0.0	-0.5	-0.4	-0.4	-0.1
1891-1900	-0.7	-0.4	-0.2	-0.1	-0.2	-0.0	-0.1	-0.0	0.1	-0.2	-0.1	0.0	-0.2
1901-1910	-0.0	-0.1	-0.1	-0.3	-0.4	-0.3	-0.3	-0.4	-0.7	-0.4	-0.3	-0.2	-0.3
1911-1920	0.8	0.7	0.7	0.3	0.4	0.2	-0.1	-0.1	-0.3	-0.5	-0.5	0.2	0.1
1921-1930	0.2	0.2.	0.4	0.2	0.1	-0.3	-0.0	-0.1	-0.0	-0.1	-0.4	-0.3	-0.0
1931-1940	0.6	0.4	0.5	0.3	0.2	0.4	0.4	0.6	0.6	0.2	0.4	0.1	0.4
1941-1950	-0.0.	-0.1	-0.2	0.3	0.4	0.3	0.4	0.6	0.7	0.6	0.1	0.2	0.3
1951-1960	0.7	-0.0	-0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.7	0.2
1961-1970	-0.5.	-0.3.	-0.3	-0.3	-0.1	0.2	-0.2	-0.1	0.1	0.4	0.0	-0.4	-0.1
1971-1980	0.4	0.4	0.4	0.0	-0.1	0.1	0.1	0.4	0.2	-0.0	0.1	0.2	0.2
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	0.1	-0.0	0.0	-0.0	-0.0	0.0	-0.0	0.0	0.0	0.0	-0.0	-0.0	-0.0
SIGMA	1.39	1.43	1.34	1.01	0.73	0.79	0.74	0.74	0.76	0.77	0.80	1.08	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.4	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	-0.0	-0.1	0.1	0.2
AANGEVULD	0.6	0.5	0.5	0.2	0.2	0.1	-0.0	0.0	-0.0	-0.1	-0.1	0.1	0.2

SLOW-TEMP. (SIGMA) VERTRAAGDE MEETREEKS DEN HELDER (F=0,3)
AFWIJKING T.O.V. 60JR-NORM

GEM	4.2	3.3	3.9	6.4	9.9	13.5	16.1	17.1	16.2	13.6	10.0	6.7	
SIGMA	1.39	1.43	1.34	1.01	0.73	0.79	0.74	0.74	0.76	0.77	0.80	1.08	
	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1859	-	-	-	-	-	-	-	-	-	-	-	-	-
1860	-	-	-	-	-	-	-	-	-	-0.8	-1.3	-1.2	-
1861	-1.8	-0.3	0.6	0.8	-0.3	1.1	1.5	1.9	1.3	2.6	1.4	1.0	0.8
1862	0.6	0.8	1.0	1.6	2.6	1.0	-0.5	0.1	0.7	1.4	0.9	0.8	0.9
1863	1.7	2.1	2.1	2.4	1.9	0.8	0.4	0.5	-0.5	0.8	1.1	1.6	1.2
1864	-0.4	-0.2	0.3	0.7	0.1	-0.4	-0.8	-1.2	-0.4	-0.5	-0.3	-0.9	-0.3
1865	-0.4	-1.2	-1.2	0.1	1.9	0.4	1.2	1.2	3.0	2.1	1.6	1.6	0.9
1866	1.9	2.0	1.3	2.0	1.4	2.4	1.4	0.0	0.1	0.9	1.0	1.4	1.3
1867	0.6	1.6	0.6	0.9	1.0	0.8	-0.5	0.7	1.7	0.3	0.5	0.1	0.7
1868	-0.3	1.0	1.7	1.7	4.0	3.5	3.4	3.6	2.5	1.3	0.3	1.6	2.0
1869	1.5	2.2	1.1	1.9	1.8	-0.5	-2.8	-1.2	0.0	0.4	-0.1	-0.5	0.3
1870	0.1	-1.3	-1.3	-0.6	-0.8	-0.6	-0.3	0.0	-0.8	-0.4	-0.4	-1.4	-0.6
1871	-1.9	-1.3	0.2	0.1	-0.4	-0.9	-0.5	1.1	1.1	-0.5	-2.1	-1.9	-0.6
1872	-0.1	0.8	1.5	1.8	1.9	1.8	2.7	1.5	1.1	0.0	0.1	0.6	1.1
1873	1.6	0.1	0.5	0.7	-0.7	-0.1	0.9	1.1	0.0	0.1	-0.1	0.9	0.4
1874	1.4	1.2	1.3	2.0	0.8	0.6	1.8	0.4	0.5	0.8	-0.3	-1.0	0.8
1875	0.1	-0.5	-0.9	-0.5	0.5	0.9	0.8	1.8	1.6	-0.9	-2.0	-2.0	-0.1
1876	-1.2	-0.3	0.3	0.6	-0.1	0.5	1.2	1.2	0.0	0.8	-1.1	0.1	0.2
1877	1.3	1.8	0.8	0.6	-0.5	1.0	0.7	0.7	-0.7	-1.0	0.5	0.3	0.5
1878	0.8	1.3	1.3	1.7	2.2	1.1	0.7	1.4	1.3	0.8	-0.1	-0.7	1.0
1879	-1.2	-1.1	-1.0	-1.3	-1.6	-0.8	-1.6	-0.5	-0.3	0.0	-1.0	-2.7	-1.1
1880	-1.1	-0.3	0.7	1.0	0.8	0.1	0.5	2.0	2.8	0.4	-0.3	0.7	0.6
1881	-0.4	-0.8	-0.3	-0.5	-0.3	0.0	0.9	0.0	-0.1	-1.9	-0.9	0.5	-0.3
1882	1.2	1.3	2.0	2.0	1.9	0.5	0.3	-0.4	-0.3	-0.1	-0.6	-0.6	0.6
1883	0.2	1.0	0.2	0.2	0.4	0.8	0.4	-0.3	0.1	0.1	0.8	0.4	0.4
1884	1.2	1.4	1.2	0.9	0.5	-0.3	0.9	1.8	1.6	0.8	0.1	0.0	0.8
1885	-0.5	0.3	0.5	0.9	0.0	0.1	0.4	-0.9	-0.9	-1.4	-1.8	-0.7	-0.3
1886	-0.1	-0.8	-1.3	-0.6	-0.3	-0.4	-0.3	0.4	1.8	1.4	1.4	0.5	0.1
1887	-0.4	-0.5	-0.7	-0.9	-1.5	-0.5	0.1	-0.1	-0.5	-1.9	-1.8	-0.6	-0.8
1888	-0.4	-1.0	-2.1	-2.6	-2.5	-1.6	-2.2	-2.2	-0.9	-1.9	-1.9	0.2	-1.6
1889	0.2	0.0	-0.5	-0.8	1.5	2.5	0.9	-0.3	-0.8	-1.6	-0.4	-0.6	0.0
1890	0.5	0.1	-0.2	-0.3	1.0	-0.5	-1.4	-0.7	0.1	0.3	0.0	-3.0	-0.3
1891	-2.9	-1.6	-1.0	-1.4	-1.5	-1.1	-0.7	-1.1	0.4	1.2	0.4	0.4	-0.8
1892	-0.3	-0.1	-0.9	-0.8	-1.1	-0.8	-1.1	-0.7	-0.3	-0.9	0.1	-0.3	-0.6
1893	-1.2	-0.3	0.4	1.1	1.8	1.4	0.9	1.1	0.3	0.3	-1.0	-0.2	0.4
1894	-0.6	0.1	0.7	1.8	1.1	-0.5	-0.1	-0.8	-1.2	-1.4	0.5	0.6	0.0
1895	-0.2	-2.0	-1.8	-1.3	-0.7	-0.1	-0.8	0.0	1.2	0.1	-0.3	-0.9	-0.6
1896	-0.4	0.1	0.4	0.4	0.1	1.4	1.1	-0.3	0.0	-0.8	-1.9	-1.3	-0.1
1897	-1.4	-1.3	0.0	0.0	-0.3	0.6	0.0	0.8	-0.5	-0.8	-1.0	-0.2	-0.3
1898	1.0	1.0	0.3	0.0	-0.7	-0.6	-1.8	-0.4	0.8	0.1	0.9	1.5	0.2
1899	1.4	1.1	0.7	0.3	-0.7	-0.4	0.5	0.9	0.3	-0.9	1.0	-0.5	0.3
1900	0.1	-0.1	-0.3	-0.8	-1.2	-0.4	0.4	0.1	0.3	0.1	0.3	1.0	-0.0
1901	-0.5	-0.8	-0.7	-0.5	-0.3	-0.1	1.4	1.5	0.1	0.4	0.4	0.2	0.1
1902	1.0	-0.2	-0.2	-0.3	-1.9	-0.9	-0.8	-1.5	-1.2	-1.7	-1.6	-3.1	-1.0
1903	-1.0	0.4	1.1	-0.1	-0.4	-0.8	-1.1	-1.5	-1.1	-0.1	0.4	-0.6	-0.4
1904	-0.6	-0.1	-0.7	-0.1	-0.5	-0.6	0.3	0.4	-0.8	-1.0	-0.1	0.9	-0.3
1905	0.6	0.6	0.7	-0.3	-0.3	0.5	1.4	0.4	-0.7	-2.7	-2.3	-0.6	-0.2
1906	0.4	0.4	0.1	-0.3	-0.4	-1.3	-0.9	0.0	0.1	1.0	1.8	0.2	0.1
1907	0.1	-0.7	-0.4	-0.2	-0.4	-1.3	-2.3	-2.3	-1.4	0.4	1.1	0.6	-0.6
1908	-0.9	-0.1	-0.3	-0.7	-0.5	0.4	0.1	-0.8	-1.4	-0.6	-0.9	-0.2	-0.5
1909	-0.4	-1.0	-1.6	-1.0	-1.1	-1.5	-2.0	-1.5	-1.8	-0.1	-0.6	-0.1	-1.1
1910	1.1	1.0	1.1	0.6	0.4	1.3	-0.5	-0.5	-0.8	-0.3	-1.4	0.3	0.2
1911	0.6	0.8	0.7	-0.6	0.5	0.4	0.3	2.3	1.7	-0.5	-0.1	0.7	0.6
1912	0.5	0.3	1.6	1.4	1.0	0.1	1.5	-0.8	-3.0	-2.6	-0.8	0.9	0.0
1913	0.9	1.0	1.1	0.7	0.7	0.0	-1.8	-1.8	-0.7	0.1	1.8	1.9	0.3
1914	0.5	1.0	1.1	1.8	1.2	0.3	1.4	1.2	0.7	-0.1	0.1	0.9	0.8
1915	1.4	1.0	0.6	0.5	0.0	0.5	0.0	0.3	0.1	-0.5	-1.5	-0.1	0.2
1916	1.4	1.3	0.3	0.4	0.8	-1.0	-1.6	-0.7	-0.9	-0.1	0.1	-0.3	-0.0
1917	-0.6	-2.0	-2.2	-2.9	-1.4	1.1	0.4	0.4	0.1	-0.6	-0.1	-0.8	-0.7
1918	-0.5	0.3	0.1	0.1	0.8	0.1	-0.7	-0.5	-1.1	-0.6	-0.1	1.1	-0.1
1919	0.9	-0.3	-0.1	-0.6	0.3	0.0	-2.2	-1.5	-0.1	-1.3	-3.5	-1.2	-0.8
1920	0.4	1.3	1.9	2.2	2.1	1.1	0.8	-0.8	-0.9	-0.5	-2.0	-1.4	0.3
1921	0.9	1.0	1.6	1.6	2.6	0.9	0.8	0.8	0.9	2.2	-1.3	-1.3	0.9
1922	-0.6	-1.0*	0.1	-1.1	-0.1	0.5	-1.2	-1.2	-1.3	-1.8	-1.8	0.2	-0.8
1923	1.0	0.8	1.0	0.8	-0.4	-2.6	-0.7	-0.3	-0.7	-0.3	-0.8	-1.3	-0.3
1924	-1.4	-0.9	-1.0	-1.4	-1.2	-0.8	-0.1	-0.7	-0.4	0.0	0.1	1.0	-0.6
1925	1.4	1.4	0.9	0.4	1.0	0.6	1.1	0.5	-1.4	-0.8	-1.3	-1.3	0.2
1926	-0.3	0.8	1.3	1.7	0.7	0.0	0.5	0.0	0.9	-0.6	-0.4	0.1	0.4
1927	0.9	0.7	1.3	1.2	0.3	-1.3	-0.7	0.1	-0.1	-0.3	-0.9	-2.0	-0.1
1928	-0.8	0.5	0.1	0.3	-0.3	-0.9	-0.1	-0.4	0.3	-0.3	1.0	0.3	-0.0
1929	-0.8	-2.2*	-2.3	-2.4	-1.6	-1.5	-0.8	-0.4	1.3	0.8	0.1	0.7	-0.8
1930	1.5	0.5	0.3	0.5	0.7	1.8	1.1	-0.1	0.1	0.0	0.4	0.5	0.6

VERVOLG	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1931	0.9	0.4	-0.3	-0.5	0.0	0.0	0.1	-0.5	-1.4	-0.9	-0.3	0.7	-0.1
1932	1.5	0.9	0.1	-0.3	-0.1	-0.3	0.8	1.8	0.9	-0.1	-0.1	0.2	0.4
1933	0.1	0.1	0.6	0.9	0.7	1.0	0.9	1.4	1.4	1.7	0.3	-2.8	0.5
1934	-0.9	0.0	0.4	0.9	0.7	0.4	0.9	0.9	1.4	1.4	0.8	2.0	0.8
1935	1.6	1.4	0.9	0.6	-0.1	0.1	0.9	0.9	0.4	0.0	0.6	0.0	0.6
1936	0.9	0.6	0.7	0.3	0.7	0.6	0.3	0.7	1.2	0.3	0.1	0.4	0.6
1937	0.6	0.7	0.3	0.4	0.7	1.0	0.5	0.5	0.3	0.6	0.5	0.1	0.5
1938	0.9	0.8	1.3	0.9	0.3	0.3	-0.3	1.2	1.1	1.2	2.4	0.2	0.8
1939	0.3	0.7	0.7	0.8	0.7	1.3	0.8	1.6	2.8	-0.5	0.0	-0.1	0.8
1940	-1.9	-2.6	-1.6	-1.1	0.0	1.1	0.8	-0.4	-0.8	-0.6	0.4	-0.2	-0.6
1941	-1.5	-1.2	-0.4	-1.0	-1.8	-0.1	1.6	0.1	0.1	0.5	-1.5	0.5	-0.4
1942	-1.0*	-2.3	-2.8	-2.0	-1.8	-0.8	-0.9	0.1	1.1	1.4	1.0	1.0	-0.6
1943	0.5	1.3	1.5	1.7	1.8	1.1	0.5	0.5	0.7	0.8	0.6	-0.2	0.9
1944	0.9	0.8	0.3	0.5	0.0	-0.9	-0.5	1.4	0.0.	-0.3*	-0.3*	0.0*	0.2.
1945	-0.4*	0.3	1.0	1.7	2.3	1.4	1.5	0.5	0.8	1.3	0.9	0.3	1.0
1946	0.1	0.7	0.6	0.7	1.4	0.3	0.5	0.0	-0.1	0.0	-0.3	-1.0	0.2
1947	-1.4	-2.9*	-3.3*	-2.2	-0.5	0.8	1.8	3.0	3.6	1.3	0.4	0.4	0.1.
1948	1.2	1.0	0.6	1.4	2.2	1.0	-0.3	0.3	0.1	0.3	0.3	0.6	0.7
1949	0.9	0.9	0.3	0.9	0.7	-0.4	0.1	0.4	2.5	2.9	1.1	1.0	0.9
1950	0.6	0.7	1.1	0.8	0.5	1.0	0.9	1.4	0.3	-0.4	-0.5	-0.7	0.5
1951	0.1	0.4	0.2	-0.3	-0.4	0.0	-0.3	0.1	0.5	-0.3	0.8	1.3	0.2
1952	1.0	0.4	0.4	0.3	1.5	0.5	0.7	0.7	-0.5	-2.1	-2.3	-1.5	-0.1
1953	-0.4	-0.1	0.4	0.4	0.7	0.4	0.9	0.4	0.0	1.0	2.1	2.2	0.7
1954	0.6	-1.7.	-1.0	-0.7	-0.3	0.0	-1.5	-1.2	-0.7	0.0	0.5	1.2	-0.4
1955	-0.1	-0.3	-1.4	-1.2	-1.9	-2.0	-0.5	0.9	1.4	0.8	0.5	0.9	-0.2
1956	0.9	-1.5	-1.3	-1.2	-0.5	-1.1	-1.1	-1.9	-1.1	-0.4	-0.9	0.5	-0.8
1957	0.8	1.4	1.6	1.8	0.5	1.1	1.6	0.5	-0.8	-0.4	0.1	-0.1	0.7
1958	0.5	0.6	-0.4	-1.3	-0.8	-0.6	-0.3	0.3	1.3	0.9	0.9	1.0	0.2
1959	0.8	0.2	0.8	1.6	2.1	1.4	2.0	2.2	1.7	0.9	0.3	0.3	1.2
1960	0.8	0.6	0.4	0.6	1.1	1.5	-0.1	0.1	0.4	0.3	1.0	0.9	0.6
1961	0.5	1.1	1.6	2.0	1.6	0.9	-0.3	-0.9	0.8	1.7	0.3	-0.3	0.8
1962	0.4	0.4	-0.7	-1.0	-1.9	-1.5	-2.7	-2.0	-1.4	0.1	-0.6	-1.2	-1.0
1963	-2.7*	-3.0*	-2.5	-1.7	-1.8	-0.6	-0.3	-0.5	-0.3	-0.6	0.9	-0.6	-1.1.
1964	-0.6	-0.2	-1.0	-1.2	0.6	1.1	0.4	0.7	-0.1	-1.3	-0.6	-0.1	-0.2
1965	0.4	0.1	-0.3	0.1	0.1	-0.4	-1.2	-0.9	-1.1	0.3	-1.8.	-0.6	-0.4
1966	-0.7.	-0.3.	0.7	-0.2	1.0	1.3	0.0	-0.5	0.1	1.2	-0.1	0.0	0.2
1967	0.4	0.9	1.4	0.9	1.0	0.3	1.1	0.9	0.8	1.2.	0.4	0.1	0.8
1968	0.3.	0.2.	0.1	0.5	0.1	0.4	-0.3	0.0	0.9	1.0	0.0	-0.9.	0.2
1969	0.0	-0.6.	-1.4	-1.5	-1.1	0.0	0.9	1.9	1.3	1.8	1.3.	-0.8.	0.1
1970	-1.3.	-0.8.	-0.5	-1.2	-0.3	1.4	-0.5	0.0	0.0	0.3	0.6.	0.6.	-0.1
1971	0.3	0.9	0.2.	0.1	1.0	0.3	0.7	0.4	0.3	1.0	-0.1	0.7	0.5
1972 R	0.2.	-0.3	0.1.	0.2	-0.3	-0.8.	0.1	0.1	-1.2	-1.3	-0.1	0.7	-0.2
1973 R	0.6	0.9	1.2	0.4	0.3	0.8	1.8	1.2	1.7	0.0	-0.3	-0.8	0.6
1974 R	0.6	1.5	0.9	1.3	0.7	0.4	-0.4	0.3	0.1	-1.3	-0.8	0.7	0.3
1975 R	1.8	1.2	0.6	-0.3	-0.7	0.0	0.4	2.0	1.2	-0.4	-0.4	0.4	0.5
1976 R	1.2	-0.4	-0.7	-0.2	0.4	1.5	3.1	1.9	0.3	0.6	0.6	-0.3	0.7
1977 R	-0.2	0.6	1.4	0.1	-0.1	-0.6	-0.3	-0.5	-0.7	0.1	0.8	-0.1	0.0
1978 R	0.6	-0.5	0.2	-0.4	-0.5	-0.3	-1.9	-0.7	-1.1	-0.1	1.5	-0.7	-0.3
1979 R	-1.9	-2.1	-1.3	-1.1	-1.6	-0.4	-0.9	-0.1	0.7	0.3	0.1	1.1	-0.6
1980 R	-0.1	0.6	0.4	0.3	0.1	0.9	-0.8	0.3	1.2	0.6	-0.5	-0.2	0.2
1981	0.1	0.2	0.7	0.9	1.0	0.3	-0.3	0.4	0.9	-0.4	0.0	-1.6	0.2
1982	-1.1	-0.1	0.4	0.4	1.0	2.0	2.0	1.8	1.6	1.7	1.9	0.9	1.0
1983	1.4	0.3	0.3	0.2	-0.4	-0.1	1.8	2.0	0.4	0.5	0.3	0.3	0.6
1984	0.6	0.2	0.0	-0.2	-0.5	-0.9	-1.9	0.3	0.4	0.9	-	-	-

SLOW-TEMP. (SIGMA) VERTRAAGDE MEETREEKS DEN HELDER (F=0,3)
AFWIJKING T.O.V. 60JR-NORM

	J	F	M	A	M	J	J	A	S	O	N	D	JAAR
1861-1870	0.4	0.7	0.6	1.1	1.4	0.8	0.3	0.6	0.8	0.9	0.6	0.5	0.7
1871-1880	-0.0	0.2	0.5	0.7	0.3	0.4	0.7	1.1	0.7	0.0	-0.6	-0.6	0.3
1881-1890	0.2	0.1	-0.1	-0.2	0.1	0.1	0.0	-0.3	0.0	-0.6	-0.5	-0.4	-0.1
1891-1900	-0.5	-0.3	-0.1	-0.1	-0.3	-0.1	-0.1	-0.0	0.1	-0.3	-0.1	0.0	-0.1
1901-1910	-0.0	-0.1	-0.1	-0.3	-0.5	-0.4	-0.5	-0.6	-0.9	-0.5	-0.3	-0.2	-0.4
1911-1920	0.5	0.5	0.5	0.3	0.6	0.3	-0.2	-0.2	-0.4	-0.7	-0.6	0.2	0.1
1921-1930	0.2	0.2.	0.3	0.2	0.2	-0.3	-0.0	-0.2	-0.0	-0.1	-0.5	-0.3	-0.0
1931-1940	0.4	0.3	0.3	0.3	0.3	0.6	0.6	0.8	0.7	0.3	0.5	0.1	0.4
1941-1950	-0.0.	-0.1	-0.2	0.2	0.5	0.3	0.5	0.8	0.9	0.8	0.2	0.2	0.3
1951-1960	0.5	-0.0	-0.0	0.0	0.2	0.1	0.1	0.2	0.2	0.1	0.3	0.7	0.2
1961-1970	-0.3.	-0.2.	-0.3	-0.3	-0.1	0.3	-0.3	-0.1	0.1	0.6	0.0	-0.4	-0.1
1971-1980	0.3	0.2	0.3	0.0	-0.1	0.2	0.2	0.5	0.3	-0.0	0.1	0.2	0.2
60-JAAR NORMAAL (1891-1910,1921-1940,1951-1970)													
GEMIDDELD	0.0	-0.0	0.0	-0.0	-0.0	0.0	-0.0	0.0	0.0	0.0	-0.0	-0.0	-0.0
SIGMA	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00	1.00	
ICES-NORMAAL (1905-1954, AANGEVULDE VERSIE ZONDER 1940-1947)													
FORMEEL	0.3	0.3	0.3	0.2	0.3	0.1	0.1	0.2	0.1	-0.0	-0.1	0.1	0.2
AANGEVULD	0.4	0.3	0.4	0.2	0.3	0.1	-0.0	0.1	-0.0	-0.1	-0.2	0.1	0.1

VERTRAAGDE MEETREEKS DEN HELDER (F=0,3)

AFW. T.O.V. 60JR-NORM

	JFM	AMJ	JAS	OND
1859	-	-	-	-
1860	-	-	-	-1.0
1861	-0.7	0.5	1.2	1.4
1862	1.1	1.4	0.1	0.9
1863	2.7	1.5	0.1	1.1
1864	-0.2	0.2	-0.6	-0.5
1865	-1.3	0.6	1.4	1.5
1866	2.4	1.6	0.4	1.0
1867	1.3	0.7	0.5	0.2
1868	1.1	2.5	2.4	1.0
1869	2.3	0.9	-1.0	-0.1
1870	-1.2	-0.6	-0.3	-0.7
1871	-1.4	-0.3	0.4	-1.4
1872	1.0	1.5	1.3	0.2
1873	1.0	0.0	0.5	0.3
1874	1.8	1.0	0.7	-0.2
1875	-0.6	0.2	1.0	-1.5
1876	-0.6	0.3	0.6	-0.1
1877	1.8	0.3	0.2	-0.0
1878	1.5	1.4	0.8	-0.1
1879	-1.6	-1.0	-0.6	-1.2
1880	-0.3	0.6	1.3	0.3
1881	-0.7	-0.2	0.2	-0.6
1882	2.1	1.3	-0.1	-0.4
1883	0.7	0.4	0.1	0.4
1884	1.7	0.4	1.1	0.2
1885	0.2	0.3	-0.4	-1.1
1886	-1.0	-0.4	0.5	0.9
1887	-0.7	-0.8	-0.1	-1.2
1888	-1.6	-1.9	-1.3	-0.9
1889	-0.1	0.8	-0.0	-0.7
1890	0.2	0.0	-0.5	-1.0
1891	-2.6	-1.1	-0.3	0.5
1892	-0.6	-0.7	-0.5	-0.3
1893	-0.5	1.2	0.6	-0.3
1894	0.1	0.7	-0.5	-0.0
1895	-1.8	-0.6	0.1	-0.4
1896	0.0	0.5	0.2	-1.2
1897	-1.2	0.1	0.1	-0.5
1898	1.1	-0.3	-0.3	0.8
1899	1.5	-0.2	0.4	-0.1
1900	-0.1	-0.7	0.2	0.5
1901	-0.9	-0.3	0.7	0.3
1902	0.3	-0.8	-0.9	-2.0
1903	0.2	-0.3	-0.9	-0.1
1904	-0.6	-0.3	-0.0	0.0
1905	0.9	-0.0	0.3	-1.5
1906	0.4	-0.5	-0.2	0.8
1907	-0.5	-0.5	-1.5	0.6
1908	-0.6	-0.3	-0.5	-0.5
1909	-1.4	-1.0	-1.3	-0.2
1910	1.5	0.6	-0.5	-0.3
1911	1.0	0.0	1.1	0.1
1912	1.1	0.7	-0.6	-0.5
1913	1.4	0.4	-1.0	1.2
1914	1.2	1.0	0.8	0.3
1915	1.4	0.3	0.1	-0.6
1916	1.4	0.1	-0.8	-0.1
1917	-2.2	-1.0	0.2	-0.5
1918	-0.0	0.3	-0.6	0.2
1919	0.2	-0.1	-0.9	-1.7
1920	1.6	1.5	-0.2	-1.2
1921	1.6	1.4	0.6	-0.2
1922	-0.7.	-0.3	-0.9	-0.9
1923	1.3	-0.5	-0.4	-0.7
1924	-1.6	-1.0	-0.3	0.4
1925	1.7	0.5	0.0	-1.0
1926	0.9	0.7	0.4	-0.2
1927	1.3	0.1	-0.2	-1.0
1928	-0.1	-0.2	-0.1	0.3
1929	-2.4.	-1.6	0.0	0.5
1930	1.1	0.8	0.3	0.3

		JFM	AMJ	JAS	OND
1931		0.5	-0.2	-0.5	-0.0
1932		1.2	-0.2	0.9	0.0
1933		0.4	0.7	0.9	-0.5
1934		-0.2	0.6	0.8	1.3
1935		1.8	0.2	0.6	0.2
1936		1.0	0.4	0.5	0.2
1937		0.8	0.6	0.3	0.3
1938		1.4	0.4	0.5	1.0
1939		0.8	0.8	1.3	-0.2
1940		-2.8	-0.1	-0.1	-0.1
1941		-1.4	-0.8	0.5	-0.1
1942		-2.8.	-1.3	0.1	1.0
1943		1.5	1.3	0.4	0.3
1944		1.0	-0.1	0.2	-0.1*
1945		0.4.	1.5	0.7	0.7
1946		0.4	0.6	0.1	-0.4
1947		-3.5*	-0.7	2.1	0.6
1948		1.3	1.3	0.0	0.4
1949		1.0	0.4	0.8	1.4
1950		1.1	0.7	0.6	-0.5
1951		0.3	-0.2	0.1	0.6
1952		0.9	0.6	0.2	-1.7
1953		-0.1	0.4	0.3	1.6
1954		-1.0	-0.3	-0.8	0.6
1955		-0.8	-1.4	0.5	0.7
1956		-0.9	-0.8	-1.0	-0.2
1957		1.8	1.0	0.3	-0.1
1958		0.3	-0.8	0.3	0.8
1959		0.8	1.4	1.5	0.4
1960		0.8	0.9	0.1	0.7
1961		1.5	1.3	-0.1	0.4
1962		0.1	-1.2	-1.5	-0.6
1963		-3.8*	-1.2	-0.3	-0.1
1964		-0.9	0.0	0.2	-0.5
1965		0.1	-0.0	-0.8	-0.6
1966		-0.2.	0.5	-0.1	0.3
1967		1.2	0.6	0.7	0.4
1968		0.3.	0.3	0.2	-0.1
1969		-0.9	-0.8	1.0	0.5.
1970		-1.2.	-0.1	-0.1	0.4.
1971		0.7	0.3	0.3	0.5
1972	R	0.0.	-0.2	-0.2	-0.1
1973	R	1.3	0.4	1.2	-0.4
1974	R	1.4	0.7	0.0	-0.3
1975	R	1.7	-0.3	0.9	-0.1
1976	R	0.0	0.4	1.3	0.2
1977	R	0.8	-0.2	-0.4	0.2
1978	R	0.1	-0.3	-0.9	0.1
1979	R	-2.5	-0.9	-0.1	0.5
1980	R	0.4	0.4	0.2	-0.0
1981		0.5	0.6	0.3	-0.7
1982		-0.4	0.9	1.3	1.3
1983		0.9	-0.1	1.0	0.3
1984		0.4	-0.4	-0.3	-

VERTRAAGDE MEETREEKS DEN HELDER (F=0,3)

AFW. T.O.V. 60JR-NORM
GENORMEERD OP SIGMA

	JFM	AMJ	JAS	OND
1859	-	-	-	-
1860	-	-	-	-1.1
1861	-0.5	0.6	1.6	1.7
1862	0.8	1.7	0.1	1.0
1863	1.9	1.7	0.1	1.2
1864	-0.1	0.2	-0.8	-0.6
1865	-0.9	0.8	1.8	1.8
1866	1.7	1.9	0.5	1.1
1867	1.0	0.9	0.6	0.3
1868	0.8	3.1	3.2	1.0
1869	1.6	1.1	-1.4	-0.1
1870	-0.8	-0.7	-0.4	-0.7
1871	-1.0	-0.4	0.5	-1.5
1872	0.8	1.8	1.7	0.2
1873	0.7	-0.0	0.7	0.3
1874	1.3	1.1	0.9	-0.2
1875	-0.4	0.3	1.4	-1.6
1876	-0.4	0.3	0.8	-0.1
1877	1.3	0.4	0.2	-0.1
1878	1.1	1.7	1.1	-0.0
1879	-1.1	-1.2	-0.8	-1.2
1880	-0.2	0.6	1.8	0.3
1881	-0.5	-0.3	0.3	-0.8
1882	1.5	1.5	-0.1	-0.4
1883	0.5	0.5	0.1	0.4
1884	1.2	0.4	1.4	0.3
1885	0.1	0.3	-0.5	-1.3
1886	-0.8	-0.4	0.7	1.1
1887	-0.5	-1.0	-0.2	-1.4
1888	-1.2	-2.2	-1.7	-1.2
1889	-0.1	1.1	-0.0	-0.9
1890	0.1	0.1	-0.6	-0.9
1891	-1.9	-1.3	-0.5	0.6
1892	-0.4	-0.9	-0.7	-0.4
1893	-0.4	1.4	0.8	-0.3
1894	0.1	0.8	-0.7	-0.1
1895	-1.3	-0.7	0.1	-0.3
1896	0.0	0.6	0.3	-1.3
1897	-0.9	0.1	0.1	-0.7
1898	0.8	-0.4	-0.5	0.8
1899	1.1	-0.3	0.6	-0.1
1900	-0.1	-0.8	0.3	0.5
1901	-0.6	-0.3	1.0	0.3
1902	0.2	-1.0	-1.2	-2.1
1903	0.2	-0.4	-1.2	-0.1
1904	-0.5	-0.4	-0.0	-0.1
1905	0.6	-0.0	0.4	-1.9
1906	0.3	-0.7	-0.3	1.0
1907	-0.3	-0.6	-2.0	0.7
1908	-0.4	-0.3	-0.7	-0.6
1909	-1.0	-1.2	-1.8	-0.3
1910	1.1	0.8	-0.6	-0.5
1911	0.7	0.1	1.4	0.0
1912	0.8	0.8	-0.8	-0.8
1913	1.0	0.5	-1.4	1.3
1914	0.9	1.1	1.1	0.3
1915	1.0	0.3	0.1	-0.7
1916	1.0	0.1	-1.1	-0.1
1917	-1.6	-1.0	0.3	-0.5
1918	-0.0	0.3	-0.8	0.1
1919	0.2	-0.1	-1.3	-2.0
1920	1.2	1.8	-0.3	-1.3
1921	1.2	1.7	0.8	-0.1
1922	-0.5.	-0.2	-1.2	-1.1
1923	0.9	-0.7	-0.5	-0.8
1924	-1.1	-1.1	-0.4	0.4
1925	1.2	0.7	0.1	-1.1
1926	0.6	0.8	0.5	-0.3
1927	0.9	0.1	-0.2	-1.1
1928	-0.1	-0.3	-0.1	0.3
1929	-1.8.	-1.8	0.0	0.5
1930	0.8	1.0	0.4	0.3

		JFM	AMJ	JAS	OND
1931		0.3	-0.2	-0.6	-0.1
1932		0.9	-0.2	1.2	-0.0
1933		0.3	0.9	1.2	-0.3
1934		-0.2	0.7	1.1	1.4
1935		1.3	0.2	0.8	0.2
1936		0.7	0.5	0.7	0.3
1937		0.5	0.7	0.4	0.4
1938		1.0	0.5	0.7	1.2
1939		0.6	0.9	1.7	-0.2
1940		-2.0	0.0	-0.1	-0.2
1941		-1.0	-1.0	0.6	-0.2
1942		-2.1.	-1.5	0.1	1.1
1943		1.1	1.5	0.6	0.4
1944		0.7	-0.1	0.3	-0.2*
1945		0.3.	1.8	0.9	0.8
1946		0.3	0.8	0.1	-0.4
1947		-2.5*	-0.7	2.8	0.7
1948		0.9	1.5	0.0	0.4
1949		0.7	0.4	1.0	1.7
1950		0.8	0.8	0.9	-0.5
1951		0.2	-0.2	0.1	0.6
1952		0.6	0.8	0.3	-1.9
1953		-0.1	0.5	0.5	1.8
1954		-0.7	-0.3	-1.1	0.6
1955		-0.6	-1.7	0.6	0.7
1956		-0.6	-1.0	-1.3	-0.3
1957		1.3	1.2	0.5	-0.1
1958		0.2	-0.9	0.4	0.9
1959		0.6	1.7	2.0	0.5
1960		0.6	1.1	0.1	0.7
1961		1.1	1.5	-0.1	0.6
1962		0.1	-1.5	-2.1	-0.6
1963		-2.7*	-1.4	-0.4	-0.1
1964		-0.6	0.2	0.3	-0.7
1965		0.1	-0.0	-1.1	-0.7
1966		-0.1.	0.7	-0.1	0.3
1967		0.9	0.7	0.9	0.5
1968		0.2.	0.3	0.2	0.0
1969		-0.7	-0.9	1.4	0.7.
1970		-0.9.	-0.0	-0.2	0.5.
1971		0.5	0.4	0.4	0.6
1972	R	0.0.	-0.3	-0.3	-0.2
1973	R	0.9	0.5	1.6	-0.4
1974	R	1.0	0.8	-0.0	-0.4
1975	R	1.2	-0.3	1.2	-0.1
1976	R	0.0	0.6	1.8	0.3
1977	R	0.6	-0.2	-0.5	0.3
1978	R	0.1	-0.4	-1.2	0.2
1979	R	-1.8	-1.0	-0.1	0.5
1980	R	0.3	0.4	0.2	-0.0
1981		0.3	0.7	0.4	-0.7
1982		-0.3	1.1	1.8	1.5
1983		0.7	-0.1	1.4	0.3
1984		0.3	-0.5	-0.4	-