Danish Meteorological Institute

Modelled hydrographic conditions across Øresund/Kongedybet

The Øresund region — Copenhagen and Malmø

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Authors	Jacob Woge Nielsen Jens Murawski
Reviewed by	Ole Krarup Leth
Client's reference	Ulrik Ankjær Borch
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Abstract

Hydrographic conditions from Copenhagen across Øresund to Sweden are described, with special focus on the north-south going trench a short distance east of Copenhagen Harbour known as Kongedybet. We examine results from a dedicated ten-year ocean circulation model simulation that, in order to properly describe Øresund hydrography, includes the entire North Sea – Baltic Sea region. The circulation model, *HBM*, calculates ocean dynamics and thermodynamics as a function of weather conditions, tides, and regional fresh water run-off. The same model is used operationally at the Danish Meteorological Institute, for national storm surge warning and for EU-funded Baltic Sea Marine Core Service. The model is on a regular basis validated against a wide range of observations, including observations from Øresund.

The Øresund study is based on literature and ocean model output. The Kongedybet study is purely model based, and as such to be regarded as an approximation to the real world. No direct comparison with observational data will be presented in this report.

The model results are presented as graphs and tables in the main report, and more extensively in Excel formatted tables in Appendices, for possible further processing.

The model is believed to well reproduce the hydrodynamics and general hydrographic features observed in Øresund. In Kongedybet modelled water masses appear to be well mixed with lowest temperatures found in February and highest temperatures found in August. Average velocities decrease with depth in Kongedybet (within the trench). Occasionally velocities may become large in Kongedybet: Maximum northward and southward flow near the bottom during the study period is 0.26 m/s and 0.34 m/s, respectively. The average flow persistency near the bottom in Kongedybet is 11-16 hours with maximum values reaching as high as 425 hours for northward flow and 269 for southward flow. This translates into pseudo travel-distances as large as 230 km for northward flow and 165 km for southward flow.

1 Introduction

This report is a study of the hydrographic and hydrodynamic conditions across Øresund and, in particular, in the trench just outside Copenhagen Harbour known as Kongedybet. The analysis is based on a 10 year ocean circulation model simulation covering the period 2007-2016, using a refined version of the Danish Meteorological Institutes (DMI's) regional met-ocean model system. The hydrography across Øresund is described graphically, in terms of average conditions, including water temperature, salinity, north-south velocity component, and persistency of flow direction and duration. The conditions in Kongedybet are described both on average, and in terms of variability, time resolved into calendar month. This is done for four positions along the trench; one northern position, and one to two nautical miles farther south three more positions, located about 0.9 km apart. Results from the second position, counting from the north, are presented graphically and numerically, and discussed in the main report. Excel-documents suitable for further processing for all four positions are included as Appendices.

2 The Baltic Sea and Øresund

2.1 Hydrography of the Baltic Sea

The Baltic Sea is a marginal sea geographically bordered by Sweden, Finland, The Baltic States (Estonia, Latvia, Lithuania), Russia, Poland, Germany and Denmark (Figure 2.1). It is, by volume, the planet's second largest body of brackish water. Its water volume of 21 700 km^3 is composed of freshwater from river inflow and net precipitation, and oceanic type saline water of North Sea / North Atlantic origin. The Baltic Sea is connected to the world ocean via the narrow and shallow Danish Straits, which include the Øresund, Storebælt and Lillebælt.

Figure 2.1 The Baltic Sea region.

The Baltic Sea has a mean depth of about 56 m, and a maximum depth of about 460 m (Landsort Deep). The mean depth of the Straits is significantly less. The mean depth of Storebælt is about 15 m with a narrow trench of 20-40 m depth cutting its way along the Belt towards the Baltic Sea. Lillebælt is very narrow but deeper (20-80 m) than Storebælt, and Øresund is even shallower, with a mean depth of about 11 m. These rather shallow constrictions inhibit free water exchange between the Baltic Sea and the North Sea, and make the Baltic Sea a semi-enclosed basin.

The average river inflow – draining an area four times the size of the Baltic Sea itself - to the Baltic Sea amounts to about 15 000 m^3/s. The annual river inflow is equivalent to about 2% of the volume of the water body, or 1.1-1.2 m surplus sea level. The river inflow varies from year to year, between approximately 10 000 m^3/s and 20 000 m^3/s. Excess precipitation over evaporation results in an additional 10% freshwater surplus, which then totals about 16 500 m^3/s. This excess volume has to be exported through the straits, and the resulting estuarine circulation is what maintains the brackish nature of the Baltic Sea.

The brackish water of the Baltic Sea is less dense than the high saline water of North Sea and North Atlantic origin and this, together with heating of the surface layer from the sun, is the reason why most of the Baltic Sea, the Danish Straits and Kattegat are dominated by strong layering of the characteristic water masses during most of the year. In the Baltic Sea the density of the sea water is determined mainly by salinity (salt content) while temperature effects are of minor importance. Salinity is measured in grams of salt dissolved in one kilogram of seawater and given in per mille (‰). The higher the salinity of the seawater, the higher the density. The salinity of the brackish surface water in the southwestern Baltic Sea west of Bornholm is around 8-10‰ and occupies the upper about 40-50 m of the water column. Below the brackish water and separated by a halocline (where salinity changes sharply with depth) lie more saline water masses of about 15-20‰. In Kattegat the well mixed surface layer is less deep, about 15 m, and has a salinity of around 15-25‰. Below the halocline in Kattegat lies a rather homogeneous bottom layer with a salinity of about 30-35‰ (Svansson, 1975). This high salinity water is of North Sea and North Atlantic origin.

Owing to the large freshwater input the average sea level of the Baltic Sea is elevated compared to Kattegat, causing Baltic Sea water on average to flow out through the Danish Straits mainly as a surface layer flow. The outflowing Baltic Sea water is gradually mixed with the saline water from below allowing for a compensating flow in the deep layer into the Baltic Sea. The mixing of the two water masses occur as a consequence of the wind blowing on the sea surface and cooling of the surface water during winter time.

Tides are nearly absent in the Baltic Sea and do not contribute significantly to neither the circulation nor the mixing there, but they do contribute to the circulation and mixing in the Danish Straits where the tidal signal is stronger. Tides in the Danish Straits have a dominant semidiurnal cycle with sea level tidal amplitude of up to 20 cm in Lillebælt and Storebælt and somewhat less in the Øresund. Steering and mixing of water masses are particularly strong in the Danish Straits owing to their narrow connections and at certain locations very shallow depths which locally can increase the velocity and bottom-generated turbulence. The upward mixing of deep saline water into the brackish surface layer outflow causes the salinity and volume transport of the outflow to increase towards Skagerrak. The outflow through the Danish Straits is approximately double the net freshwater inflow to the Baltic Sea, that is approximately 33 000 m^3/s. Of the outflow about 30% passes through the Øresund, 60% passes through Storebælt and 10% through Lillebælt (Jacobsen, 1980). The compensating inflow of saline water to the Baltic Sea amounts to approximately 16 500 m^3/s.

The Baltic Sea bottom topography consists of a series of basins and connecting channels. The inflow of the most saline water to the Baltic Sea follows the deepest areas in the Straits. At certain places this inflow is restricted by submarine sills that cross the channels in more or less orthogonal ways, forming closed or semi-closed basins, isolated from each other at sill depth. As indicated above, the main drivers of the flow through the Straits are the difference in sea level between the Baltic Sea and Kattegat, the horizontal

density difference between the saline Kattegat water and the brackish Baltic Sea water and local wind. Under certain conditions the two layer structure in the Straits with opposite directed surface and bottom flow breaks down, and the flow becomes unidirectional at all depths. Every about 1-8 years (Matthäus, 1993) the Baltic Sea experiences a major inflow of high-saline North Sea and North Atlantic water which then occupies the entire water column in the Straits. Both oceanographic and meteorological conditions are held to be responsible for the occurrence of major Baltic Sea inflows. The characteristic properties of the inflowing water being high in salinity and oxygen content have large impact on the oceanographic and ecosystem conditions in the Baltic Sea deep water.

2.2 The bottom topography of Øresund

Øresund has a mean depth of 11 m and a length of approximately 60 km calculated from the cross-section Helsingør-Helsingborg in the north to the southernmost tip of the island of Amager. In the literature sometimes "Øresund" is geographically taken to also include Køge Bugt farther south, separated (somewhat arbitrarily) from the Western Baltic by a line running from Stevns, Denmark to Falsterbo, Sweden.

Figure 2.2 Øresund. The area of interest with indication of place names.

The northern part of Øresund connects to Kattegat via a relatively deep (30 m) area that opens up towards Kattegat. The area north of Helsingør-Helsingborg is known as the Øresund Funnel (Figure 2.2). The northern exit between Helsingør and Helsingborg is rather narrow, having a width of only 4 km. South of

this constriction, Øresund opens up to Central Øresund with the islands of Amager, Ven, Saltholm and (artificial) Peberholm. The bottom topography of Central Øresund is dominated by a trench that passes from the Øresund Funnel into Central Øresund and continues southwards to the south-east of the island of Ven. The deepest part in Central Øresund is Landskrona Deep, southeast of the island of Ven, with a depth of 40 m. Most of the deep regions appear horizontally smooth over most of their area with all depressions and irregularities more or less filled with silt and clay. At shallower depths sand and stone bottom dominates and to a lesser extent bedrock and limestone. From south of the island of Ven two channels continue southward on either side of the island of Saltholm. The channel to the east is known as Flinterenden (5-7 m depth) while the channel to the west divides further into two narrow but relatively deep channels between Saltholm and Amager. These channels are known as Kongedybet (farthest to the west) and Hollænderdybet. Between the two channels lies a relatively shallow area, Middelgrunden, with a depth of 2-5 m. Kongedybet, located closest to Amager, is about 1 km wide and has maximum depth of about 16 m. Hollænderdybet, farther off-shore, has depths of 10-16 m. South of Middelgrunden the two channels merge and extend southwards in a 3 km wide and 6-8 m deep channel that intersects the Drogden Sill. The Drogden Sill (in the literature also known as the Drogden-Limhamn Sill) is the name of the sill crossing Øresund along a line from the island of Amager to Sweden, forming the southern exit from Central Øresund. This exit is wide and shallow, with a sill depth of 7-8 m and a width of 14 km. The sill forms the southward barrier for the deep water in Central Øresund and is considered to be a determining factor controlling the inflow of dense, saline Kattegat water to the western Baltic Sea.

2.3 Hydrography and circulation in Øresund

Øresund is dominated by northward flow of brackish water (salinity of 9-11‰) in the upper layer transporting Baltic Sea water towards Kattegat. Below and separated by a halocline lies more saline water from Kattegat. The halocline is located at a depth of 10-15 m. The high-saline water body in Øresund has the character of a bottom wedge, being thickest towards the north. This implies that the halocline in the northern part of Øresund is located at a depth of about 10-13 m while at the position of the Island of Ven it is located at a depth of about 15 m, thus deeper than the ridge of Drogden Sill. The latter condition implies, as will be demonstrated below, that both hydrographic and dynamic conditions are rather uniform with depth over the Drogden Sill.

Solar radiation and the air temperature at the ocean surface are important factors determining the diurnal and seasonal heating and cooling of the ocean surface layer. Together with the mechanical action of the wind in steering and mixing the water masses these parameters controls evaporation and the generation of a thermocline (where temperature changes sharply with depth). Likewise, the formation of sea ice is depending on these factors. In Øresund the surface layer typically reaches its maximum temperature at the end of the summer (August) and lowest temperature in February or March. At the bottom maximum temperatures are reached in August or September owing to the slow penetration of heat from the surface into the water column. Minimum bottom temperatures are reached in March or April.

Data from a number of historical hydrographic stations in Danish and surrounding waters were analysed as part of the national surveillance program for the marine environment and nature, NOVANA (Johansen et al., 2005). In Øresund five stations were analysed: Two of these were located in Central Øresund (Stations Valgrundet and Saltholm North), two in the southern part of Øresund (Stations Nordre Røse and Flinten) and one at the southern slope of the Drogden Sill (Station Drogden). Positions are indicated in Figure 2.2.

The two stations in Central Øresund show maximum surface layer temperature of 16-18°C in August with temperature at Valgrundet being on average about 2°C warmer than at Saltholm North. At the bottom in August the temperature is about 13°C. The coldest surface layer water (1.5-2.5°C) is observed in February. At this time of the year the corresponding bottom water has a temperature of about 2.2°C. The two stations in the southern part of Øresund show maximum surface temperature of 18.5-19°C and maximum bottom temperature of 16.2-18.1°C in August. The water column in the southern part of Øresund appears hydrographically rather uniform with depth. Minimum temperature at the surface and bottom of 2.4-2.9°C is reached in February. The station at the southern slope of Drogden Sill reaches maximum surface layer temperature of about 19°C and maximum bottom temperature of about 18°C in August. Minimum temperature of 2.2°C in the surface and 2.4°C at the bottom appears in the month of February. Evidently the southern part of Øresund exhibits rather uniform hydrographic conditions with depth compared to the northern part. Maximum temperature at the surface is typically reached in August while minimum temperatures in the water column are reached in February.

Hansen and Damsgaard Jørgensen (1989) examined current meter observations from a position on Drogden Sill, approximately mid-way between the island of Amager and Sweden. Results showed that currents are dominantly unidirectional with depth and directed towards the northeast (into Øresund) or towards southwest (out of Øresund). In the Øresund Funnel north of Helsingør at the position of Lappegrunden (56.08°N; 12.62°E) a number of current measurements were made at different depths during the Belt Project in the late 1970's (Ærtebjerg Nielsen et al., 1981). Results showed inflow(outflow) to(from) Central Øresund in about 70%(30%) of the time at depths of 15m and 25 m, while current meter measurements at a depth of 7 m revealed outflow(inflow) in about 60%(40%) of the time. The mooring was located at a water depth of 29 m. The position of the halocline at Lappegrunden was estimated to be located at depths between 10 and 15 m. Outflowing velocities at 7 m were typically 40-100 cm/s and inflowing velocities were typically 20-100 cm/s. At the depth of 15 m and 25 m velocities were on the average weaker.

2.4 Sea ice in Øresund

Sea ice conditions in the Baltic Sea vary considerably both on temporal and spatial scales. In the Straits, sea ice formation is favoured during long periods of cooling in combination with the presence of brackish surface waters of Baltic Sea origin. During periods of northerly and westerly air flow over the inner Danish waters relatively saline and warm water masses from Kattegat are transported into the Danish Straits from the north. This leads to rapid decomposition of the ice field there. The most rapid cooling occurs in shallow coastal waters and in protected embayments. In Øresund, sea ice forms to some extent in 32-40% of all winters (Schmelzer et al., 2008). Table 2.1 shows number of ice winters in which observations have been made at the entrance to Københavns Havn between Refshaleøen and Trekroner Sea Fortress (Figure 2.2) during the 50-year period 1956-2005, the number of winters with ice etc. Table 2.2 shows mean and extreme statistics of sea ice parameters, such as the beginning and end of the ice season, number of days with ice and duration of the ice season for years with sea ice at the same observation site and period. During this period 20 winters had observed presence of sea ice to some extent at the site (see Table 2.1).

Observation point	Latitude (dec. deg.)	Longitude (dec. deg.)	No. of winters	No. of winters with ice	Freq. of ice occurrence
Københavns Havn, entrance	55.70 N	11.62 E	50	20	40%

Table 2.1. Availability of sea ice data, 1956-2005, at the observation site in the entrance to Københavns Havn between Refshaleøen and Trekroner. This table shows the geographical position of the observation site, number of winters, numbers of winters with sea ice to some extent at the site, calculated frequency of winters with ice of all observed winters. Adapted from table 8.1 in Schmelzer et al. (2008).

Københavns Havn, entrance	First ice (dd.mm)			Last ice (dd.mm)			Number of days with ice		Duration (in days) of ice season	
	Earliest	Mean	Latest	Earliest	Mean	Latest	Mean	Max	Mean	Max
	27.12	28.12	13.03	14.01	08.03	19.04	28	85	41	103

Table 2.2. Occurrence of sea ice, number of days with ice and duration of ice season for winters with sea ice at the observation site in the entrance to Københavns Havn between Refshaleøen and Trekroner. Adapted from table 8.2 in Schmelzer et al. (2008).

2.5 Climate change in the Øresund region

The Baltic Sea region is located between maritime temperate and continental subarctic climate zones. The climate of the region is strongly influenced by the large-scale atmospheric circulation (Kjellström and Christensen, 2013). Dominant south-westerly to westerly winds generally bring relatively mild and moist air into the region resulting in a maritime climate that is most prominent in the south-western part (Denmark and Northern Germany). The northern part of the region is of Arctic influence and the winter climate is cold and dry, affected by outbreaks of cold air masses from the Eurasian continent. The Baltic Sea region is located along the path of the North Atlantic storm tracks which frequently sends low pressure systems in from the west. These low pressure systems are particularly deep in autumn and winter owing to the large atmospheric temperature contrast during those seasons between the cold Arctic north and the relatively mild climate of central Europe. Deep low pressure systems may develop into strong storms. These occasional strong storms are essential for the ventilation and mixing of the strongly stratified water masses in the Baltic Sea and for the inflow events importing high saline and oxygen rich water from the North Sea through the Danish Straits into the Baltic Sea, as described in section 2.1.

Long-term change in the climate of the region is related both to overall global changes and to changes in the large scale atmospheric circulation and ocean conditions in the North Atlantic. A number of climate change simulations have been undertaken in recent years. These simulations are all of relatively high spatial resolution (down scaling of global climate models), based on a number of different climate models and include a wide range of emission scenarios of different types to take into account the natural variability of the climate system and the possible effects of human activity on the climate system. The general picture

from these simulations points in the direction that the atmospheric temperature, sea surface temperature and volume-averaged water temperature of the Baltic Sea region will increase with time and that this increase is generally larger than the increase of the corresponding global mean temperatures (Kjellström and Christensen, 2013). A comprehensive summary of existing scenarios for the Baltic Sea Region was published in the Baltic Sea Assessment of Climate Change (BACC author team, 2008). The results summarized in BACC build mainly on the climate model inter-comparison project (CMIP). Most CMIP model simulations are forced by the so-called A2, A1B and B1 emission scenarios representing high (A2), intermediate (A1B) and relatively low (B1) increases in greenhouse gas concentration during the current century. The spatial pattern of warming in the simulations shows a larger increase in the north-eastern part of the Baltic Sea region (Finland and Northern Sweden) than in the south-western part (Denmark and Northern Germany). The A1B emission scenario shows a change of the annual mean sea surface temperature between the periods 2070-2099 and 1969-1998 of about 2°C in the Danish Straits (Meier et al., 2011). A split into summer and winter reveal that winter surface temperatures are expected to increase by about 2.4°C while summer surface temperatures are expected to increase by about 1.8°C between the two periods. The temperature range of the above simulations, which is a measure of the spread of the results, is about 1°C in the Danish Straits. Note also that other climate scenarios may give different results. A more in depth analysis of temperature and other parameters in the region, such as stratification, water exchange, ocean temperature, occurrence of inflow events etc. for different future climate scenarios is considered to be beyond the scope of this work.

3 Model description and model set-up

Modelled meteorological surface variables are obtained from DMI's operational weather forecasting model (DMI-HIRLAM). Modelled hydrodynamic variables are obtained from a slightly modified version of DMI's operational oceanographic model system (DMI-HBM). Table 3.1 gives an overview of DMI's model suite used in this work.

Model Set-up	Model Name	Spatial resolution	Number of layers in the vertical	Period	Time resolution of output
Meteorology	DMI-HIRLAM	2007-2009: 5 km	60	10 years: 2007-2016	1 hour
		2009-2016: 3 km			
Hydrodynamics	DMI-HBM	North Sea: 5.5 km	50	10 years: 2007-2016	1 hour
		Baltic Sea: 1.8 km	122		
		Inner Danish Waters: 0.9 km	77		

Table 3.1. Configuration of the models, atmosphere and ocean, used in the present study.

3.1 DMI-HIRLAM (DMI's weather model)

The purpose of DMI-HIRLAM (High Resolution Limited Area Model) forecasting system is to produce high-quality, short-range weather forecasts for the public in general. Short range means here up to two and a half days. DMI-Hirlam analyses and forecasts the state of the atmosphere. The analysis step combines information from observations with pre-calculated model results valid at the same time, in order to produce an optimal initial state of the atmosphere (Gustafsson et al., 2012). The analysis step is performed every six hours after which a computation of a new 2.5 day forecast is carried out.

DMI-HIRLAM solves the equations of motion governing atmospheric dynamics and thermodynamics. It includes a comprehensive set of parameterisations describing the physical processes of the atmosphere, e.g. radiation, turbulence, surface fluxes of heat, moisture and momentum, and cloud processes including precipitation (e.g., Undén et al., 2002). Figure 3.1 shows the DMI-Hirlam SKA set-up used as surface forcing for the ocean model covering the North Sea and Baltic Sea. This limited-area set-up receives lateral boundary conditions from a global, coarse resolution weather model provided by the European Centre for Medium-Range Weather Forecasting (ECMWF).

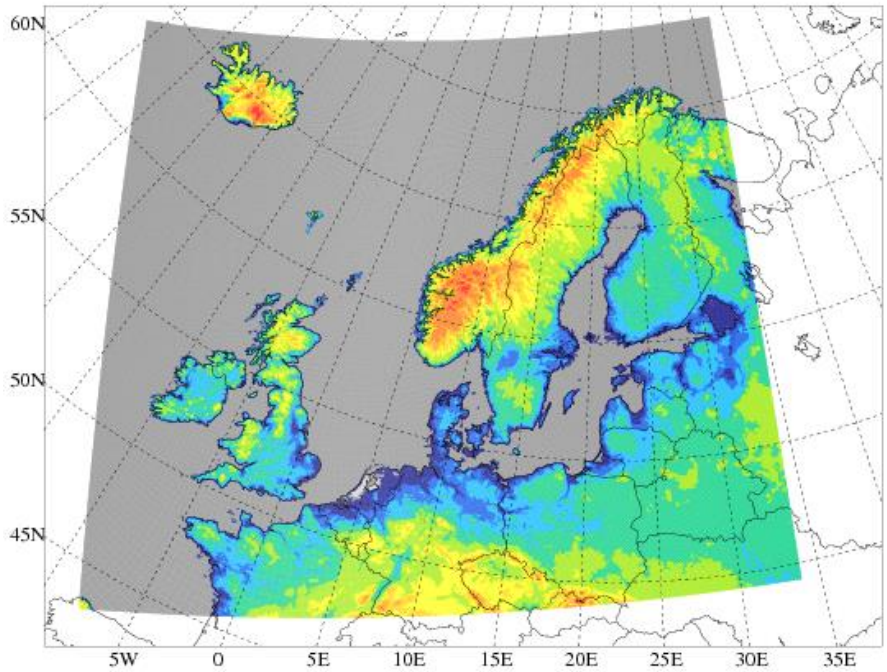

Figure 3.1 DMI-HIRLAM model domain, SKA, with a horizontal grid spacing of 3 km.

DMI-Hirlam is subject to extensive validation and verification (Sass and Yang, 2013) on routine basis. DMI-Hirlam has a two decade long record of operational verification, quantifying significant quality improvements over the years. These are attributed both to scientific progress, in the description of various physical processes, and to better model resolution and higher degree of detail, facilitated by access to still more computing power.

The DMI-HIRLAM output consist of the analysis (initial state, produced every six hours), and forecasts in one hour time resolution. We combine the analyses with the first five hours of every forecast to force the DMI ocean circulation model with minimum weather model prediction error. Table 3.2 shows the DMI-HIRLAM parameters used to force DMI's operational ocean model.

Parameter	Level
Pressure	Mean sea level
Wind	10 m height
Air temperature	2 m height
Relative humidity	2 m height
Total cloud cover	-

Table 3.2 Weather model variables and model levels used to force the ocean circulation model.

3.2 HBM (DMI's ocean model)

DMI's operational ocean forecasting system is based on the three dimensional (3D) hydrodynamic model HBM (HIROMB-BOOS-Model[1]). The origin of the HBM code dates back to the *BSHcmod* hydrodynamic model (Dick et al., 2001), the development of which was initiated in the 1990s at Bundesamt für Seeschifffahrt und Hydrographie (BSH) in Germany. Developing into HBM, the model code was managed by DMI and is developed in a consortium with DMI, BSH and other Baltic Sea operational centres (Berg and Poulsen, 2012; Poulsen and Berg, 2012).

HBM is basically an ocean circulation model, suitable for shelf sea dynamics. It operates on a spherical grid, with a number of model levels at fixed depths in the vertical. HBM assumes hydrostatic balance and incompressibility of sea water. Horizontal dynamics is modelled using the Boussinesq approximation. Higher order contributions to the dynamics are parameterised following Smagorinsky (1963) in the horizontal direction and a higher-order turbulence closure scheme in the vertical (Berg, 2012).

HBM is two-way coupled with a sea ice model that handles both ice dynamics and thermodynamics (Dick et al., 2001. The system used in this study has a horizontal grid spacing of 5.5 km in the North Sea, 1.8 km in the Wadden Sea and Baltic Sea, and 0.9 km in the inner Danish waters including the Danish Straits (see Table 3.1, Figure 3.2). It has a 2 m surface layer that includes sea level variations, standard vertical resolution of 1 m below, thicker layers below 100 m depth, and a general bottom layer thickness that depends on local topography.

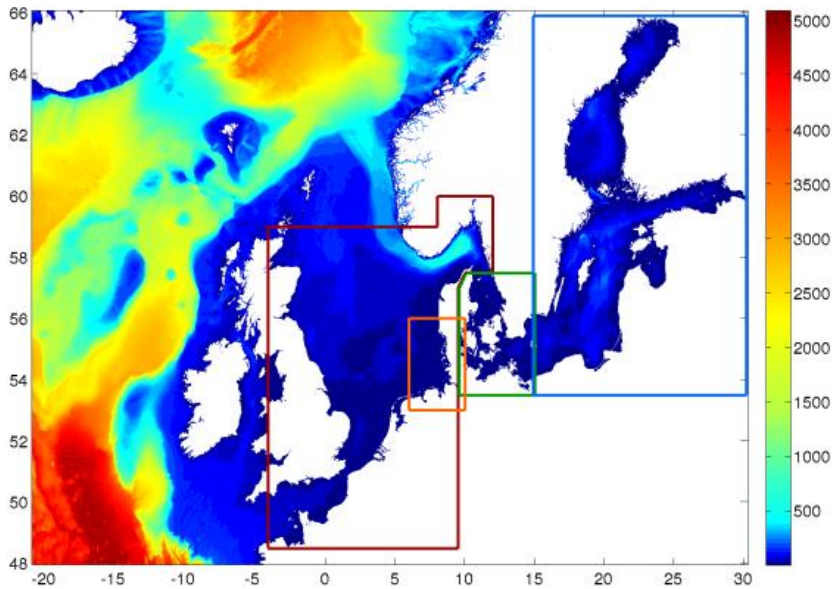

Figure 3.2 HBM model domain and bottom topography. Depth scale in metres. The North Sea – Baltic Sea is split into four sub-domains: North Sea (dark red), Wadden Sea (light red), Danish Straits (Green) and Baltic Sea (blue). Open model boundaries are located between Scotland and Norway and in the English Channel. The entire figure represents the domain of the boundary data generating North Atlantic Model (NOAMOD).

[1] HIROMB is an abbreviation for High Resolution Oceanographic Model for the Baltic. BOOS stands for the Baltic Operational Oceanographic System.

For this study, the Øresund depth map (Figure 3.3) is slightly revised compared to the DMI operational set-up, in order to better represent the two narrow trenches, Kongedybet and Hollænderdybet. This is the main reason for re-calculating the entire study period, rather than examining the DMI operational data archive. The model resolution does not permit the passage through Copenhagen Harbour, or the artificial island Peberholm, to be resolved.

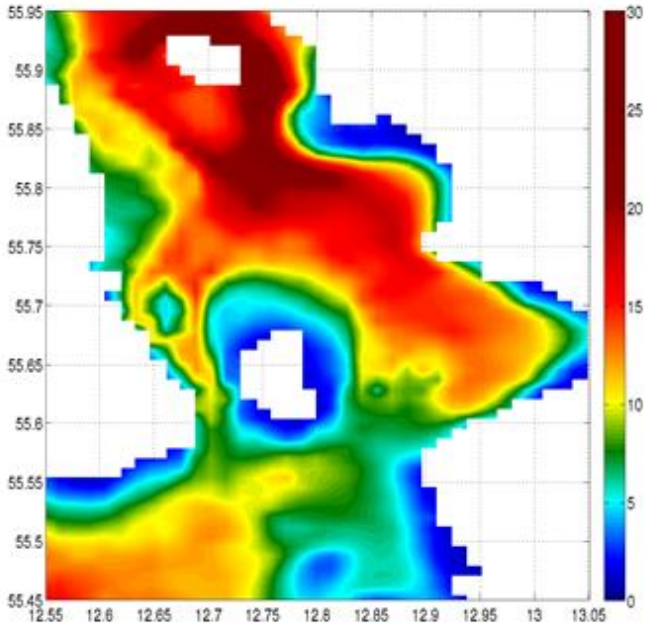

Figure 3.3 Zoom-in on the Øresund model bottom topography, southern part. Depth scale in metres. The model grid spacing in Øresund is 0.9 km.

At the sea surface, HBM is forced with surface wind, atmospheric pressure and heat flux obtained from the operational DMI-HIRLAM SKA archive (Table 3.2).

At the two open model boundaries, between Scotland and Norway and in the English Channel, the sea level is prescribed as a sum of tidal sea level, composed of 17 major tidal constituents, and pre-calculated wind- and pressure-generated surge. The latter is obtained from a separate ten-year model run, using a simple 2-dimensional North Atlantic Model (NOAMOD) (Dick et al., 2001). In this way, large scale features generated far away from the North Sea which may be of importance for the local circulation is included. The hydrography (water temperature, salinity) along open boundaries is prescribed as monthly climatology.

At coastal boundaries, daily freshwater runoff is introduced from 79 major rivers in the region (Figure 3.4). This data is obtained from an operational hydrological North Sea–Baltic Sea model, HBV, operated by the Swedish Meteorological and Hydrological Institute (SMHI). May 2016, HBV was replaced by a more refined model, E-HYPE 3, with a total of 846 major and minor outlets in the modelled region.

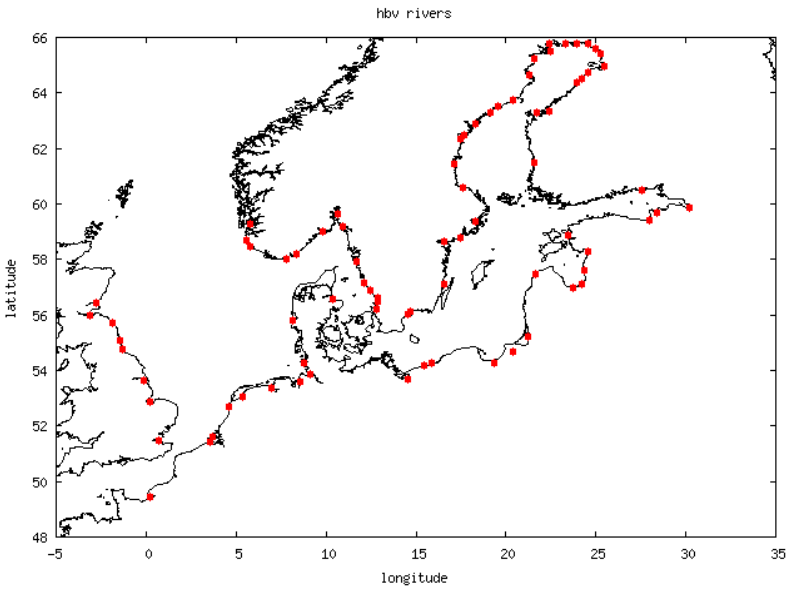

Figure 3.4. HBV river outlets.

HBM is validated on a regular basis, both in real time and in hindcast mode. This is done within the EU-funded *Copernicus* project, where HBM provides Baltic Sea Marine Core Service. The latest version of the validation report is on-line at http://marine.copernicus.eu/documents/QUID/CMEMS-BAL-QUID-003-006.pdf .

3.3 Model run and output

The HBM North Sea – Baltic Sea circulation model is run for the time period 1 August 2006 – 1 January 2017. The model is initialised on the first date from a state of rest, using climatological temperature and salinity. From then on, the only model input is boundary data: surface (weather), coastal (rivers) and open boundaries (tide, sea surface, temperature and salinity climatology). The first five months, until 1 January 2007, are a so-called spin-up period, during which model dynamics is brought into balance with the density field, and temperature and salinity are brought into balance with heat fluxes (surface and sea bed) and freshwater flux, respectively. The data used for analysis is the subsequent ten-year period, 1 January 2007 – 1 January 2017.

The model state is output every hour. For every model grid point, for every state variable, we thus have 87672 numerical values to analyse. The output variable are organised in maps of current (three components), water temperature and salinity for every model layer down to the sea bed, covering the entire model domain. Additional maps of sea level, and (if present) ice thickness and concentration are stored.

From these maps, a total of 4 east-west Øresund surface-to-bottom cross-sections were singled out for study, as described in Figure 3.5 below. The three southern sections are spaced 0.9 km apart, with the northernmost section distanced by 1.8 km. The model depth structure of section 2 is shown in the top figure. The model depth structure of all four sections is given in Appendix A.0.

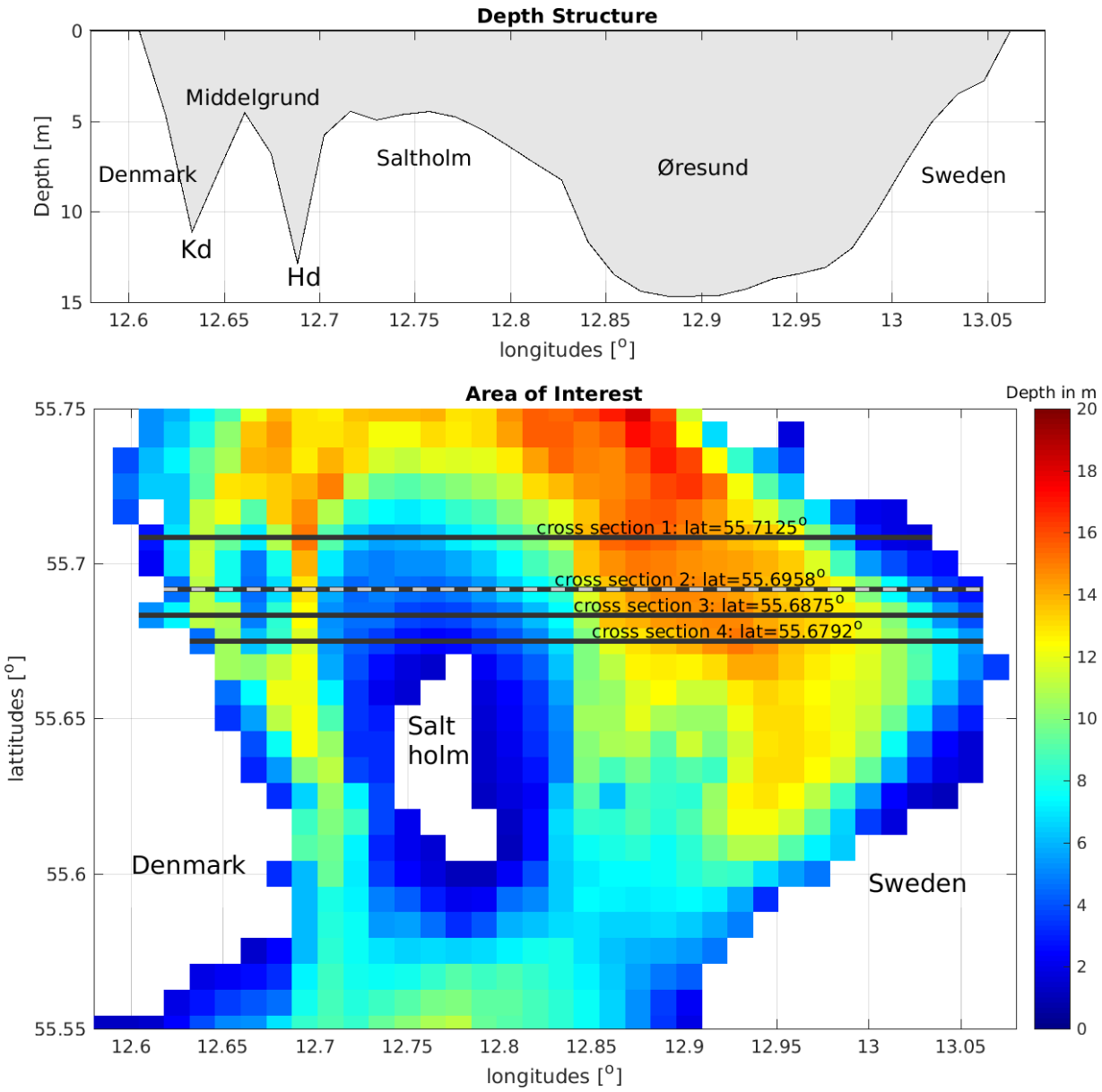

Figure 3.5 HBM model bottom topography in the southern Øresund (below) and position of the four selected cross-sections. The 2-nd section from the north, latitude=55.6958°N (marked with a white dotted line) has been selected for further analysis. Its depth structure is shown above. The positions of Kongedybet and Hollænderdybet are marked Kd and Hd, respectively.

4. Statistical methods

Ten-year averages of north-south (normal to transect) current velocity, water temperature and salinity, are calculated at model layers along relevant cross-sections going from Denmark to Sweden. Since the mean flow does not adequately represent typical flow conditions, the flow is split into northbound and southbound, and averages and extreme values of these two flow regimes are calculated in the same

manner. The frequency of occurrence of northbound, respectively southbound, flow is calculated as well. The east-west current component is ignored.

The persistence of flow (*V*) is calculated by, at each point along a cross-section and for each model layer, splitting the ten-year time series into segments separated by a flow reversal:

$$V(t) \times V(t - 1\ hour) < 0,$$

where *t* is time. The average segment length is the mean duration of flow direction. This is calculated for north- and southbound flow separately. The maximum duration is identified and reported as well. Integral of flow speed for each segment gives a distance, which represents the length of path travelled by a water parcel, should it experience the flow speed at that fixed point in space for the duration of the segment. The mean and maximum distance is calculated as for duration.

The variability of north-south (normal to transect) current velocity, water temperature, and salinity, are calculated for vertical profiles situated at locations K1-K4, representing Kongedybet (cf. Table 4.1 and Figure 3.4). The variability is calculated as a frequency distribution in 1°C (1 ‰, 0.1 m/s) intervals, for each calendar month (January-December), and as an annual mean distribution. For water temperature, the same result is also presented accumulated, i.e. as a probability of exceedance of each level.

Position	Latitude	Longitude	Depth	# of model layers
K1	55.7125°N	12.6320°E	11.2 m	10
K2	*55.6958°N*	*12.6320°E*	*11.1 m*	*10*
K3	55.6875°N	12.6320°E	11.1 m	10
K4	55.6792°N	12.6459°E	10.7 m	8

Table 4.1 Geographical position (decimal degrees) of each cross-section with Kongedybet. Position K2 (second from north) is selected for discussion. Results for all positions are provided in Appendices. Position K1 is chosen as the deepest of the two Kongedyb-profiles along section 1. Position K3 is chosen as the deepest of the two Kongedyb-profiles along section 3.

5. Results and discussions

In this section we present and discuss results valid for Øresund cross-section 2, located along 55.6958°N, and position K2 in Kongedybet, located at 55.6958°N, 12.6320°E. For other sections and positions, please refer to Appendices.

5.1 Øresund, cross-section Denmark-Sweden

Annual mean water transport through Øresund is characterized by a near surface outflow of brackish Baltic Sea water with the lowest temperatures usually found along the Swedish side of Øresund (nearly 70% of the time) and a counter balancing inflow of more saline Kattegat water at the Danish side of Øresund (See Figure 5.1, top panel). At Kongedybet and Hollænderdybet, southerly flow at deeper levels (Figure 5.1, lower-right) is frequently occurring and apparent at 50% to 55% of the time. But the average bottom flow velocities in the two trenches are rather low (approximately 0.03 m/s). Since the flow direction in the two trenches changes frequently, it is more instructive to analyze the mean northern and southern flow independently. The middle-panel of Figure 5.1 shows the average flow velocities towards South (left) and North (right). The two figures show that Hollænderdybet is more accessible to southerly and northerly flow alike (which results in a lower mean velocity). The reason for this is that Hollænderdybet is situated closer to Middelgrunden (Figure 3.5), where most of the transport through Øresund takes place, and that it is deeper and also wider at the entrance. For those reasons, the average northern and southern velocity is 2 to 3 times larger in Hollænderdybet than in Kongedybet.

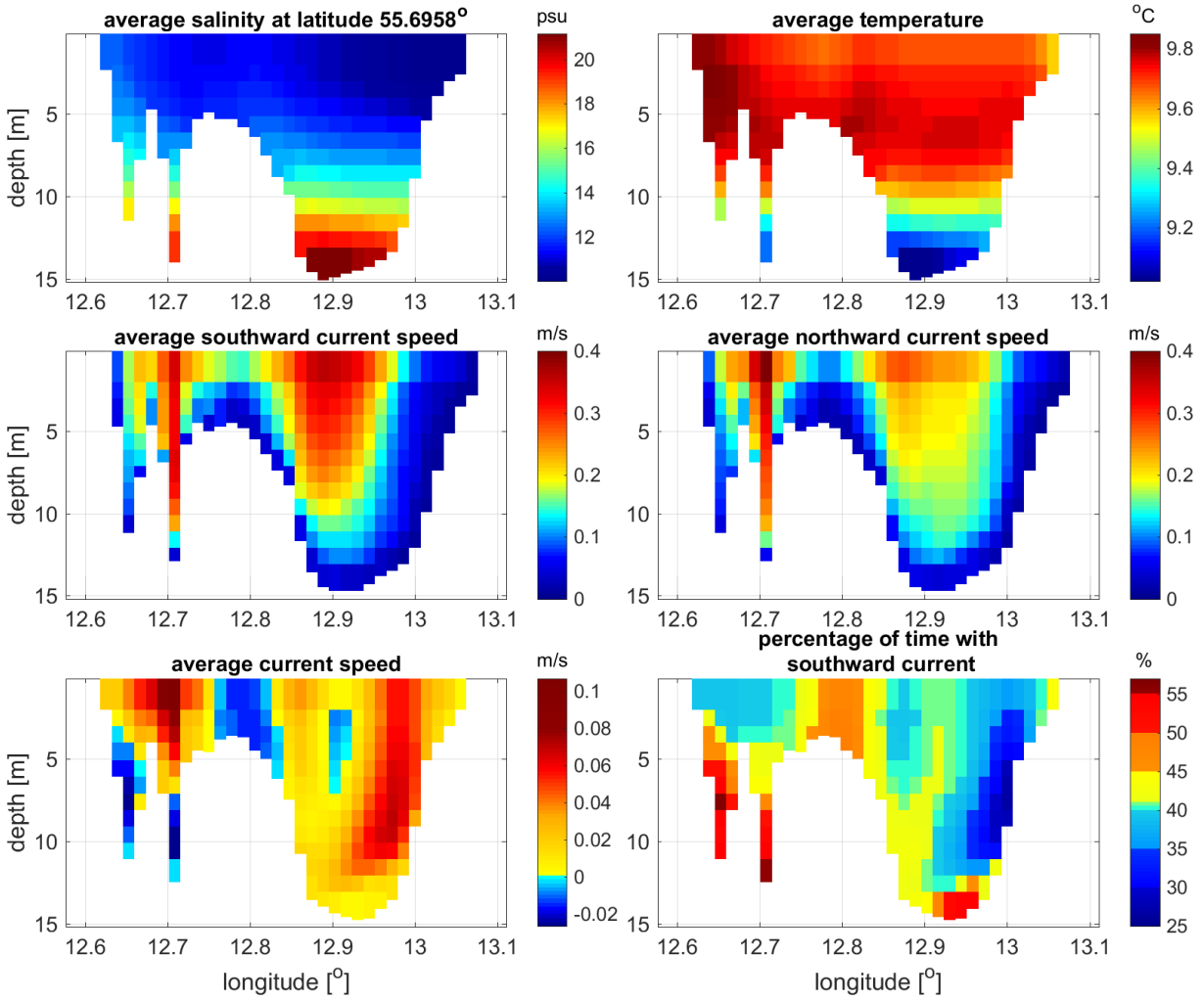

Figure 5.1 Cross-section 2. 10 years average of salinity (top left), water temperature (top right), velocity of south-and northwards going currents (middle left and right), as well as average total current velocity (lower left) and percentage of time with southerly currents.

The average duration and the accumulated distance of the flow through Øresund (Figure 5.3) provide a measure of the time and distance a water parcel may travel, before changing its direction from northerly to southerly or vice versa. The two plots show the predominant northerly outflow on Middelgrunden and in Hollænderdybet (Figure 5.3, right panels). However, the average distance and duration of the southerly flow in the deeper layers is at least as long as the distance of the northerly flow.

It is noticeable that the average duration for water flow at Kongedybet is 15 to 20 hours, which is much longer than the 6 hourly period of tidally driven currents. This means that the flow pattern is dominantly affected by the winds.

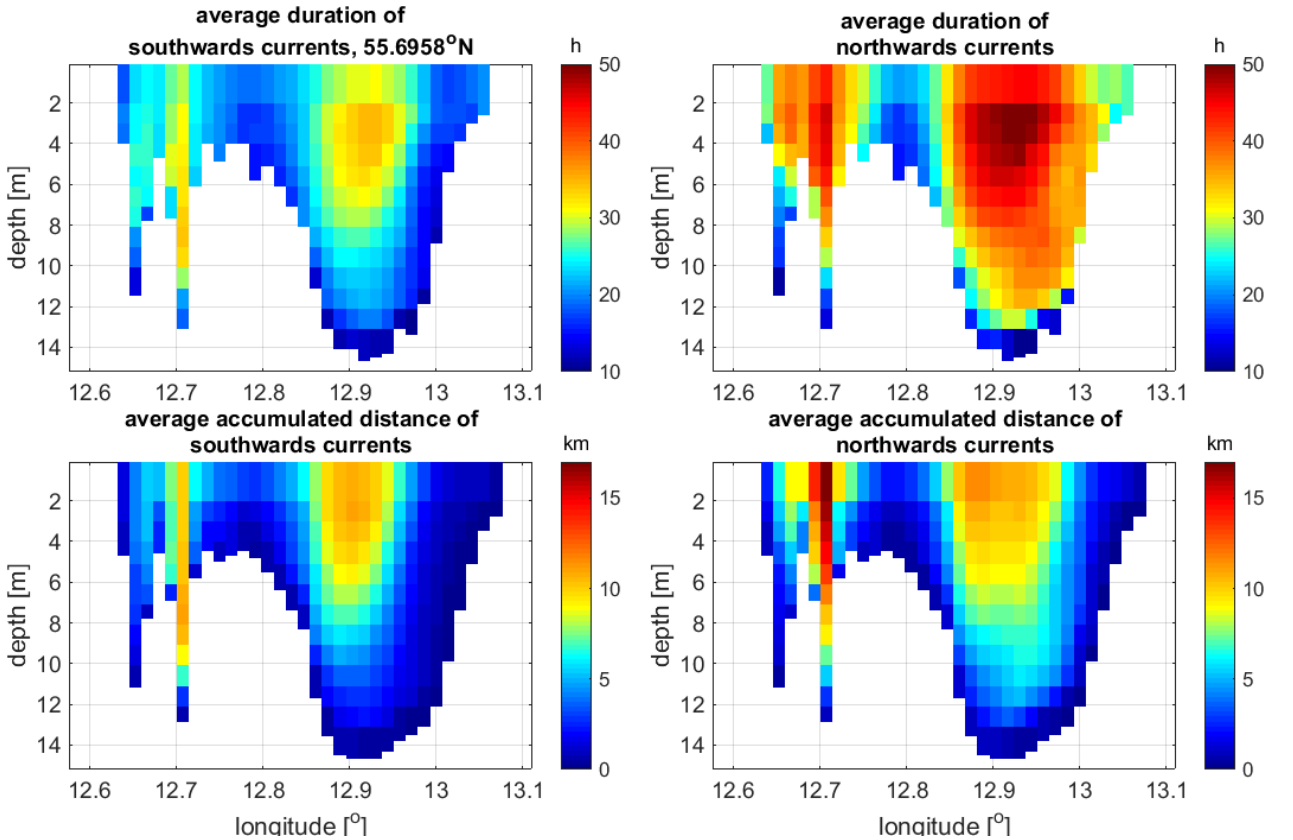

Figure 5.2 Cross-section 2. 10 years average duration (upper panel) and accumulated distance (lower panel) of southerly and northerly currents (left and right).

5.2 Discussion

The four analyzed cross-sections are situated quite closely to each other in the southern Øresund just north of Saltholm (figure 3.5 and table 4.1). Annual mean ocean conditions are rather similar at the four cross sections. We will therefore focus this discussion on cross-section 2 (Figure 3.5). The maximum water depth in the model is about 15 m in the Øresund and 11 m in Kongedybet, which corresponds well with the values taken from sea charts.

Annual mean condition in southern Øresund and Kongedybet as well as Hollænderdybet reveal a strongly layered water body with a fresher and warmer surface layer with a thickness of about 10 m and a colder and more saline layer below. Surface conditions at the eastern side of Øresund with a salinity of 9-11‰ resemble Baltic Sea hydrographic conditions, which is a consequence of the generally counter-clockwise circulation in the Baltic Sea, having its northwards outflow along the coast of Sweden. Below 5 m the salinity increases gradually to 14‰ at 10 m and to above 16‰ below 10 m, which agrees with the observed surface Kattegat conditions of the upper 15 m.

Annual average temperature in Øresund feature a maximum of 9.7°C to 9.9°C at intermediate depths of 4 m to 7 m. Surface water is colder (9.5°C to 9.8°C), as is waters below depth of 7 m and above depth of 10 m. Below 10 m depth, the temperature decreases from 9.5°C to 9.4°C at 11 m and to 9.0°C for depths below. Lowest surface layer temperatures in Øresund are generally found near the Swedish coast. The

annual mean temperature values are close to the average values of the monthly observations at the stations in the central Øresund (not shown here).

The average current in Øresund is northward. The strongest northward flow is found at the eastern side of Øresund. The results of the performed model study fit well to measurements (Ærtebjerg Nielsen et al., 1981) which show that sub-surface outflow of northern direction dominate over southward inflow conditions in 70% of all cases. Near the surface at the eastern side of Øresund, this probability reduces to 60%, both in observations and in the model. It remains to note, that the persistency of northward currents is generally larger than the persistency of the southward current. Therefore, the direction of the average current in Øresund is dominantly northward, although the mean speed of southward currents is actually stronger.

5.3 Kongedybet

The discussion below pertains to position K2, situated along cross section 2 at position of 55.6958°N, 12.6230°E (Figure 3.5; Table 4.1). The annual variation of temperature, salinity and the north-south velocity component is shown in Figure 5.3.

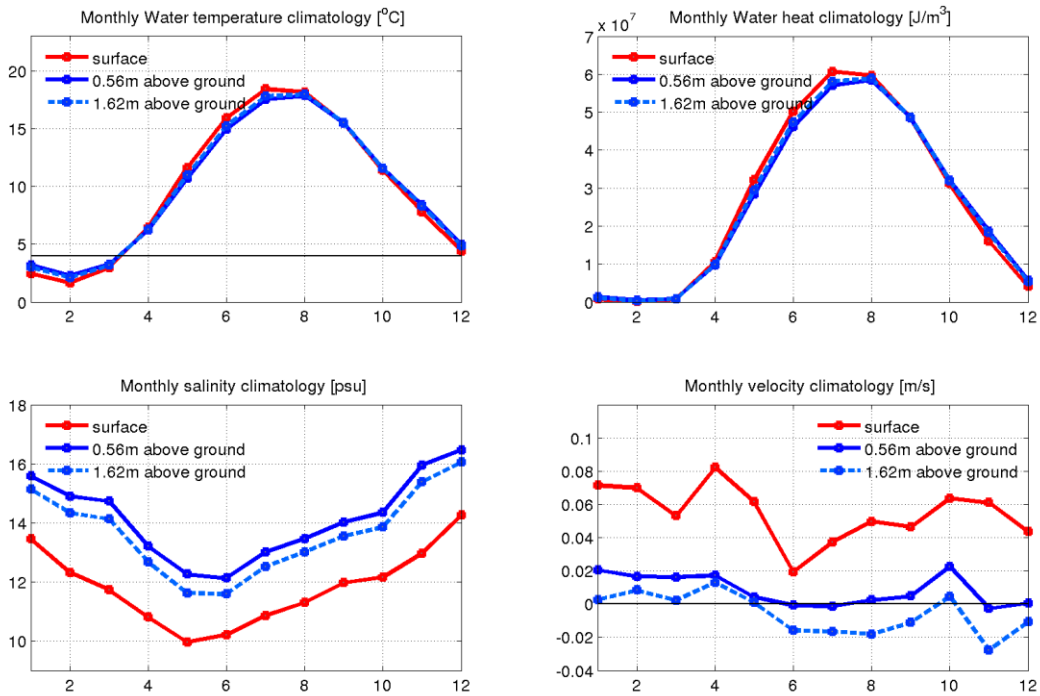

Figure 5.3. Monthly mean of surface (red), near-bottom 1.62m above the sea bed (dashed, light blue) and bottom (blue) water temperature (upper-left), [available heat content (upper-right)], salinity (lower-left) and current velocity (lower-right) at Kongedybet, position K2. X-axis month 1-12=Jan-Dec.

The water progressing through Kongedybet is generally well mixed, so that the annual cycle of water temperature is nearly the same at all water depths. Only during winter months, from November to February, and in some years even until March is the average water temperature at the bottom of Kongedybet warmer than the surface water. The temperature difference is up to 1°C.

The flow conditions are given as an excerpt of the Figures of Section 5.1, representing Kongedybet from the surface to the sea bed, at approximately 11 m depth. This is shown in Tables 5.1-5.3.

Current Speed m/s						
Depth	max_S	avg_S	mean	avg_N	max_N	pct_N
0-2	-0.78	-0.17	0.04	0.18	0.82	61
2-3	-0.76	-0.17	0.02	0.15	0.65	60
3-4	-0.73	-0.16	0.01	0.13	0.52	59
4-5	-0.71	-0.14	-0.01	0.11	0.44	54
5-6	-0.60	-0.13	-0.02	0.10	0.42	49
6-7	-0.64	-0.12	-0.02	0.09	0.40	45
7-8	-0.66	-0.11	-0.03	0.09	0.37	44
8-9	-0.50	-0.10	-0.02	0.08	0.33	45
9-10	-0.44	-0.08	-0.01	0.07	0.31	47
10-11.1	-0.34	-0.04	-0.00	0.04	0.26	45

Table 5.1: Kongedybet, position K2. Maximum and average southward current speed [m/s], mean current speed, average and maximum northward current speed. Percentage of time with northward current.

Persistence: Duration of Current [hours]				
Depth	max_S	avg_S	avg_N	max_N
0-2	228	23.5	36.2	454
2-3	234	24.5	37.5	453
3-4	305	24.8	35.5	424
4-5	370	26.2	30.9	424
5-6	356	24.7	23.8	424
6-7	367	25.9	21.3	424
7-8	369	25.1	19.7	425
8-9	293	20.5	16.9	425
9-10	267	18.6	16.3	425
10-11.1	269	13.5	11.2	374

Table 5.2: Kongedybet, position K2. Persistence of current direction: Maximum and average duration of South-going current [hours]. Average and maximum duration of North-going current.

Persistence: Distance of Current [km]				
Depth	max_S	avg_S	avg_N	max_N
0-2	161.2	14.8	23.3	458.7
2-3	180.9	14.7	19.9	348.7
3-4	292.1	14.4	16.5	292.8
4-5	344.6	13.7	12.0	279.7
5-6	315.7	11.3	8.2	270.5
6-7	279.9	11.0	6.9	259.4
7-8	258.3	10.1	6.2	252.3
8-9	196.0	7.3	4.8	242.0
9-10	165.2	5.7	4.2	230.3
10-11.1	116.5	2.1	1.8	171.9

Table 5.3: Kongedybet, position K2. Persistence of current direction: Maximum and average distance of South-going current [km]. Average and maximum distance of North-going current.

The thermal conditions at the sea bed are given in Table 5.4 as an accumulated frequency distribution, for each calendar month, and as an annual average. Each entry in the Table indicates the fraction of time during that month (or the full year) that the temperature in question on average is exceeded.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	946	855	956	1000	1000	1000	1000	1000	1000	1000	1000	955	977
> 2	902	780	917	1000	1000	1000	1000	1000	1000	1000	997	945	963
> 3	760	556	799	991	1000	1000	1000	1000	1000	1000	994	903	919
> 4	457	258	558	978	1000	1000	1000	1000	1000	1000	989	858	844
> 5	288	148	169	757	1000	1000	1000	1000	1000	1000	969	591	746
> 6	115	72	44	504	992	1000	1000	1000	1000	1000	905	440	675
> 7	30	23	2	216	905	1000	1000	1000	1000	1000	812	252	606
> 8	2	9	0	69	642	998	1000	1000	1000	999	757	98	550
> 9	0	0	0	8	443	991	1000	1000	1000	951	619	38	506
> 10	0	0	0	1	299	919	1000	1000	1000	880	357	14	458
> 11	0	0	0	0	202	827	992	997	1000	721	75	0	403
> 12	0	0	0	0	81	697	965	992	979	430	3	0	347
> 13	0	0	0	0	48	508	940	984	929	172	0	0	300
> 14	0	0	0	0	19	318	882	959	765	37	0	0	250
> 15	0	0	0	0	0	188	737	912	527	9	0	0	200
> 16	0	0	0	0	0	63	557	781	299	0	0	0	143
> 17	0	0	0	0	0	19	244	498	75	0	0	0	71
> 18	0	0	0	0	0	1	76	170	0	0	0	0	21
> 19	0	0	0	0	0	0	11	22	0	0	0	0	3
> 20	0	0	0	0	0	0	2	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table 5.4: Accumulated temperature distribution at position K2, bottom, 10-11.12m depth. The Table indicates the frequency of occurrence (in ‰) of water warmer than the given value. Example: In March, the sea temperature is calculated to be 4°C or warmer 55.8% of the time.

Tables in Appendix 2 describe the annual temperature variation at all model depths.

Tables in Appendix 3 describe the frequency distribution of surface, intermediate and bottom current velocity.

Tables in Appendix 4 describe the frequency distribution of surface, intermediate, and bottom salinity.

Tables in Appendix 5 describe the frequency distribution of temperature at all model depths.

Tables in Appendix 6 describe the accumulated frequency distribution of temperature at all model depths.

5.4 Discussion

The mean velocity profile at Kongedybet, position K2, (Table 5.1) shows a weak northward flow near the surface, and a likewise weak southward flow below. The mean flow speed is less than 0.05 m/s. This does, however, not represent typical flow conditions as the variability in Kongedybet is much larger. Average north- or southward surface flow in Kongedybet is 0.17-0.18 m/s, both decreasing towards the sea bed, where the mean velocity is approximately 0.05 m/s. The maximum surface speed is approximately 0.80 m/s in either direction, while the maximum speed near the sea bed is larger for southward flow (0.34 m/s) than for northward flow (0.26 m/s). There is predominant northward flow in the surface (60% of the time), while southward flow is more prominent at the sea bed (55% of the time).

The persistency (Table 5.2) shows a mean duration of northward surface flow of one and a half day, decreasing to a half day at the sea bed. The mean duration of southward flow is approximately one day, but decreases near the bottom. This shows that flow reversals are not caused by tides. The weather conditions

responsible for such extended periods without flow direction reversal could be examined in a future study. There are 3-4 such periods in the ten-year data set (not shown).

The persistency of distance (Table 5.3) shows an upper layer uni-directional path length of the order of 15-25 km, while at the sea bed the corresponding length scale is 2 km.

The accumulated bottom temperature distribution (Table 5.4) shows, for any given limiting temperature, the fraction of time in which operation is possible for a given month. As an example, using 2°C as the threshold, the months April-October are fully operatable. During the other months of the year down-time is to be expected. The coldest month is February, with a likelihood of the water being colder than 2°C during 22% of the time.

6. Conclusion

Annual mean hydrographic conditions in Øresund are well reproduced by the model. Northward flowing, brackish Baltic Sea water is on average found along the Swedish coast with more saline water masses located below and to the west. In Kongedybet water masses appear to be well mixed. Lowest temperatures in Kongedybet are found in February and highest temperatures are found in August. The magnitude of the annual mean flow in Kongedybet (the trench) is below 0.05 m/s. The two model grid points closest to the bottom where velocity is calculated are located 0.56 m and 1.62 m above the bottom. From January to May average flow at these depths is northward and below 0.02 m/s (largest at 0.56 m above the bottom). From April to December average flow 1.62 m above the bottom is southward with a magnitude of 0.01 m/s. Closer to the bottom the average velocity is zero. Occasionally velocities may become large in Kongedybet, also near the bottom. Maximum northward and southward flow near the bottom during the study period is 0.26 m/s and 0.34 m/s, respectively. The average flow persistency near the bottom in Kongedybet is 11-16 hours with maximum values reaching as high as 425 hours for northward flow and 269 for southward flow. This translates into pseudo travel-distances as large as 230 km for northward flow and 165 km for southward flow. Calculations of accumulated bottom temperature distribution in Kongedybet shows the time period where temperatures are above a given threshold temperature. With a threshold temperature of 2°C it is found that the months April-October are fully operatable. During other months down-time is to be expected. Using another threshold temperature will change the operatable period.

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Appendices

A.0 Grid Structure at Øresund cross-sections 1-4

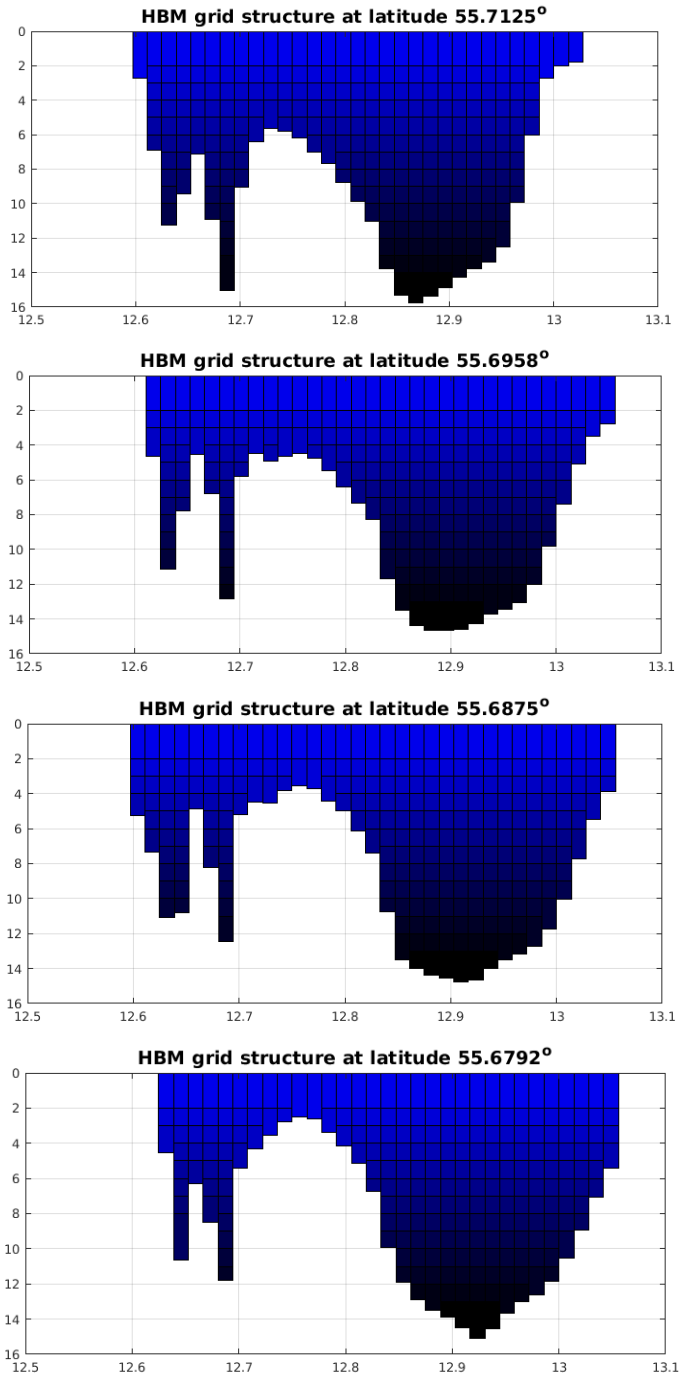

Figure A.0.1. HBM model grid structure for cross sections 1-4; arranged from North to South. The second cross-section from the top has been selected for the analysis in the main part of the document.

A.1 Monthly mean climatology of Øresund cross-sections 1-4

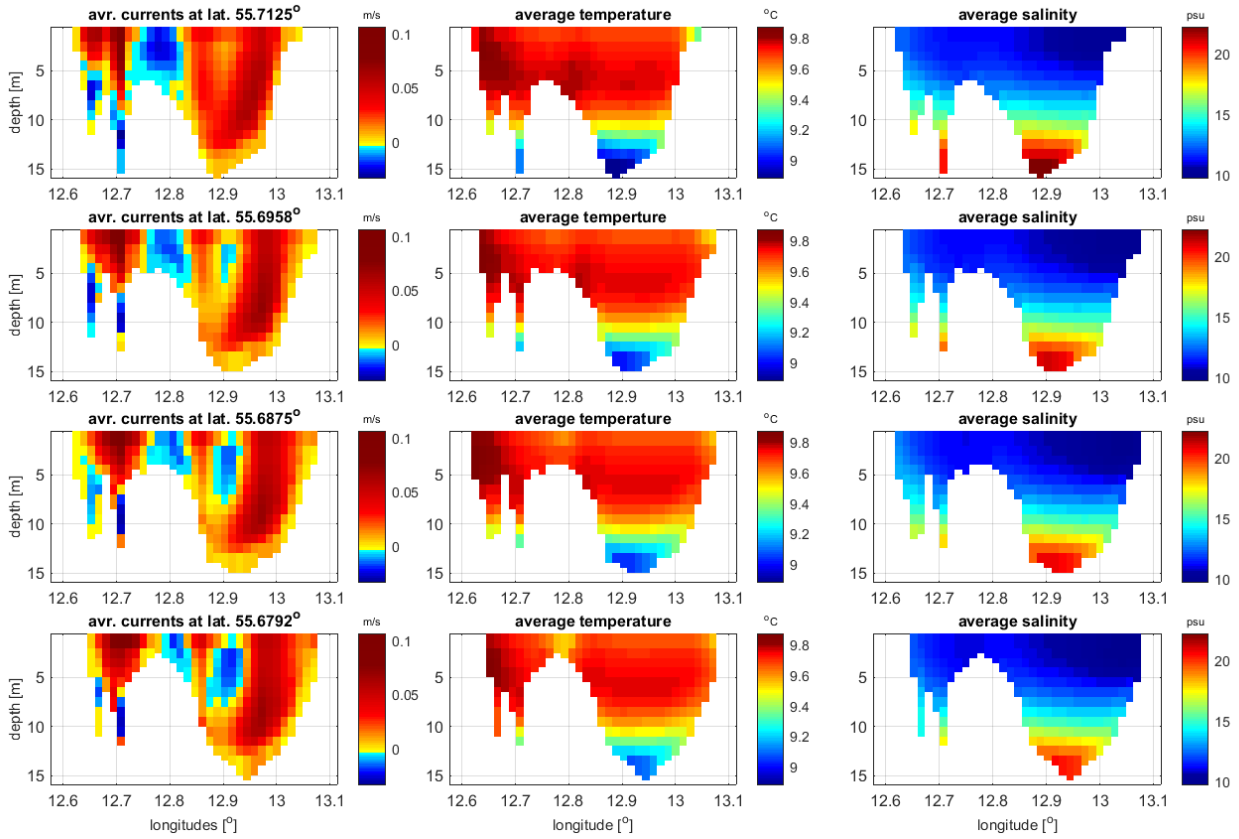

Figure A.1.1. 10 years mean of current velocity (left), water temperature (middle) and salinity (right) at all four cross-sections; from the North (top) at latitude 55.7125° to the South at 55.6792°. Results for the second cross-section from the top have been presented in the main part of the document.

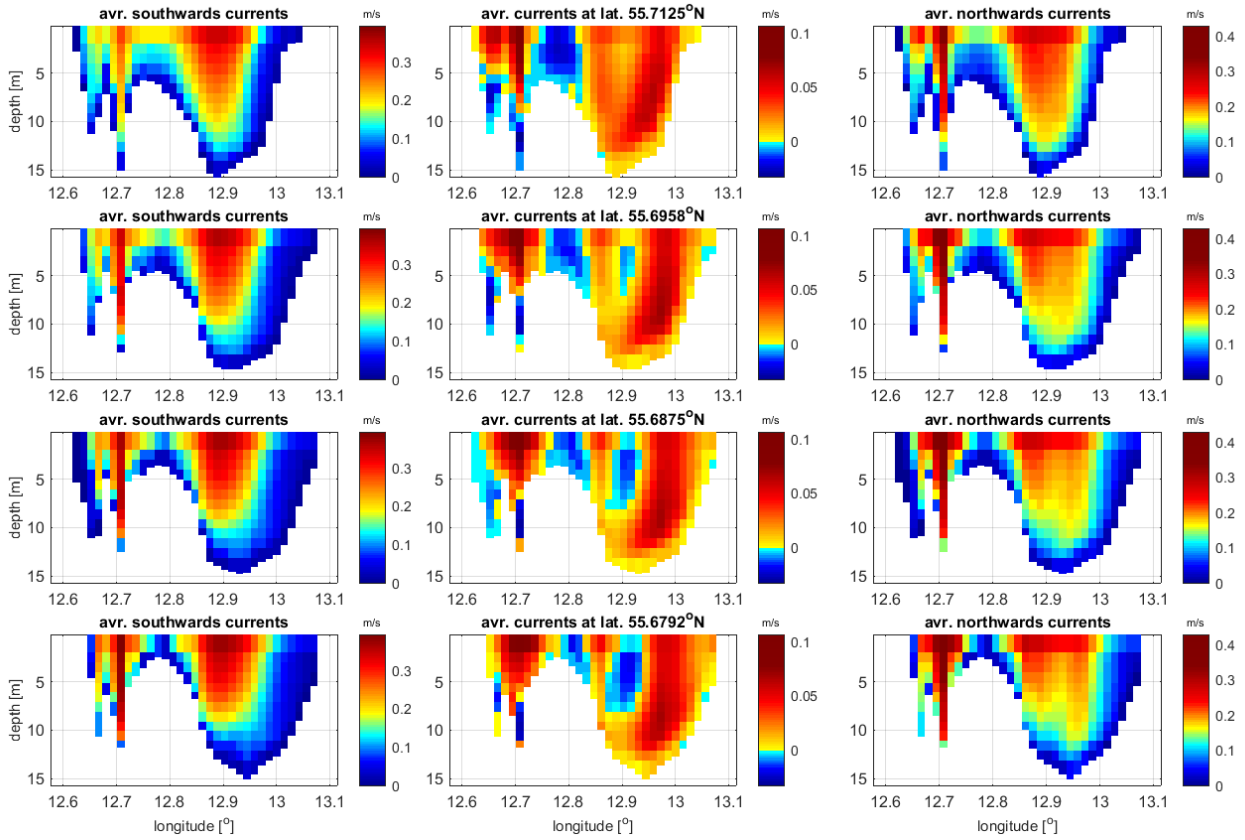

Figure A.1.2. 10 years mean of southern currents (left), total currents (middle) and northern currents (right) at all four cross-sections; from the North (top) at latitude 55.7125° to the South at 55.6792°. Results for the second cross-section from the top have been presented in the main part of the document.

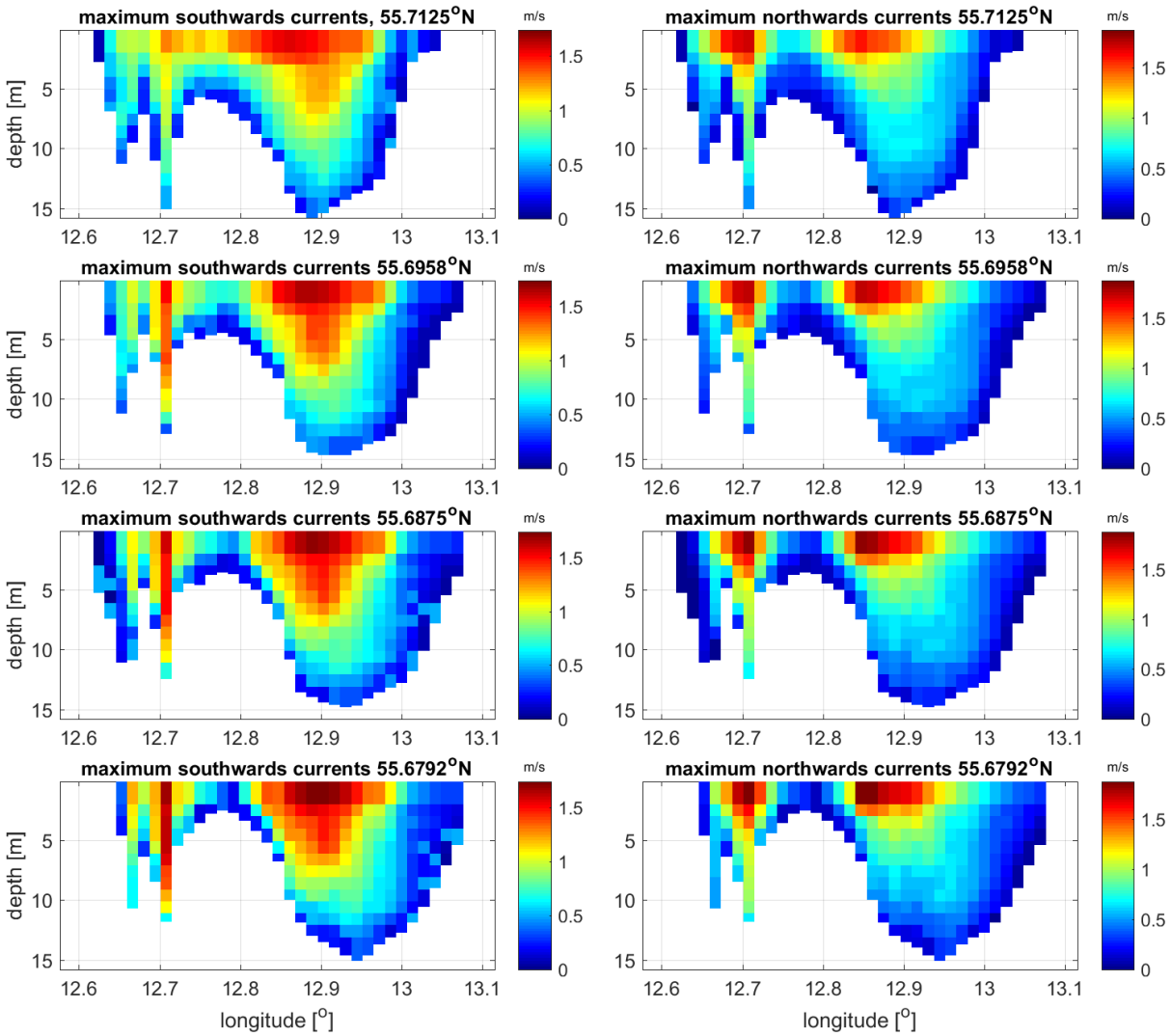

Figure A.1.3. Maximum current velocity for southerly flow (left) and northerly flow (right) (for a 10 years period) at all four cross-sections; from the North (top) at latitude 55.7125 ° to the South at 55.6792°. Results for the second cross-section from the top have been presented in the main part of the document.

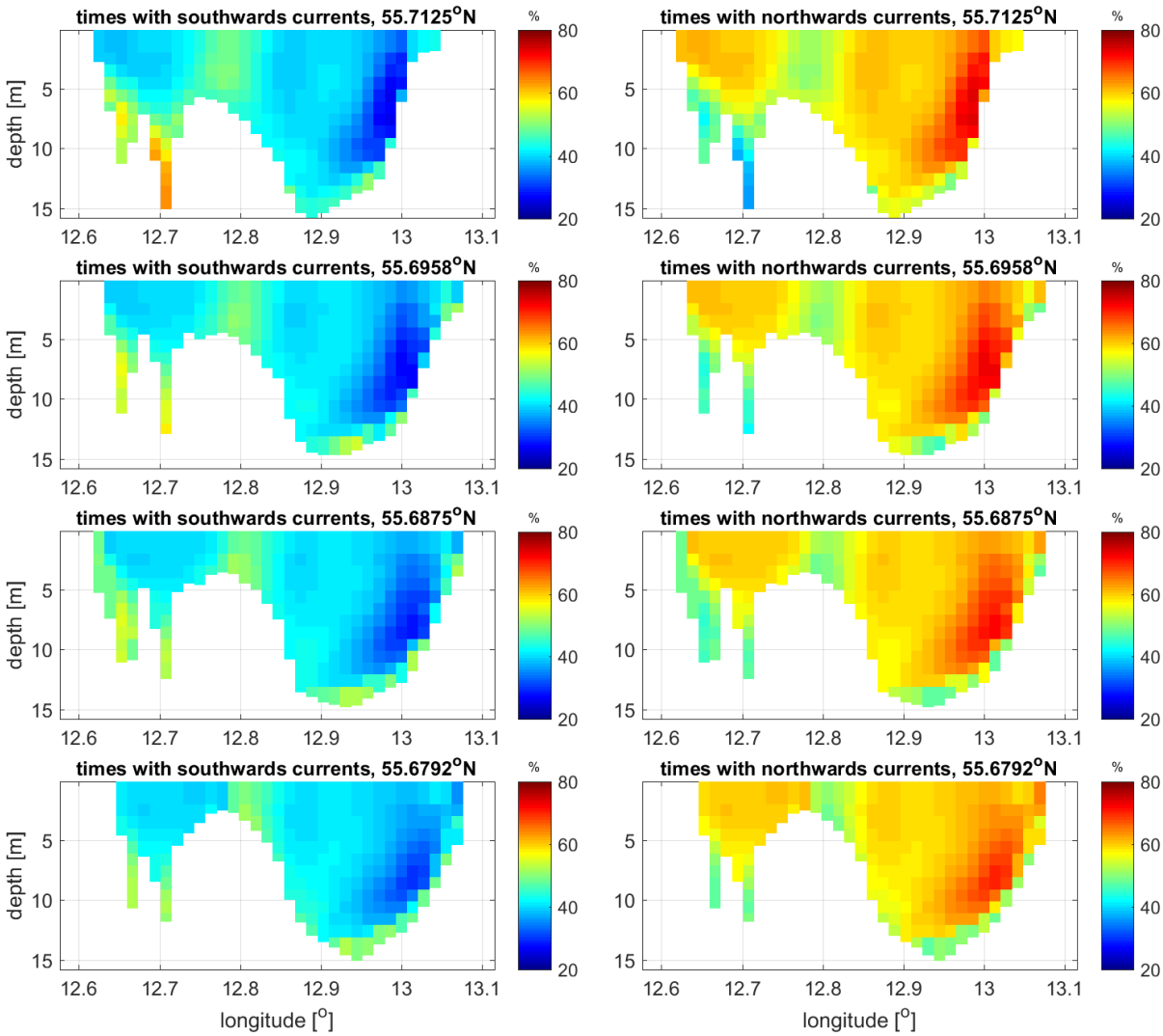

Figure A.1.4. Percentage of time with southerly flow (left) and northerly flow (right) (for a 10 years period) at all four cross-sections; from the North (top) at latitude 55.7125° to the South at 55.6792°. Results for the second cross-section from the top have been presented in the main part of the document.

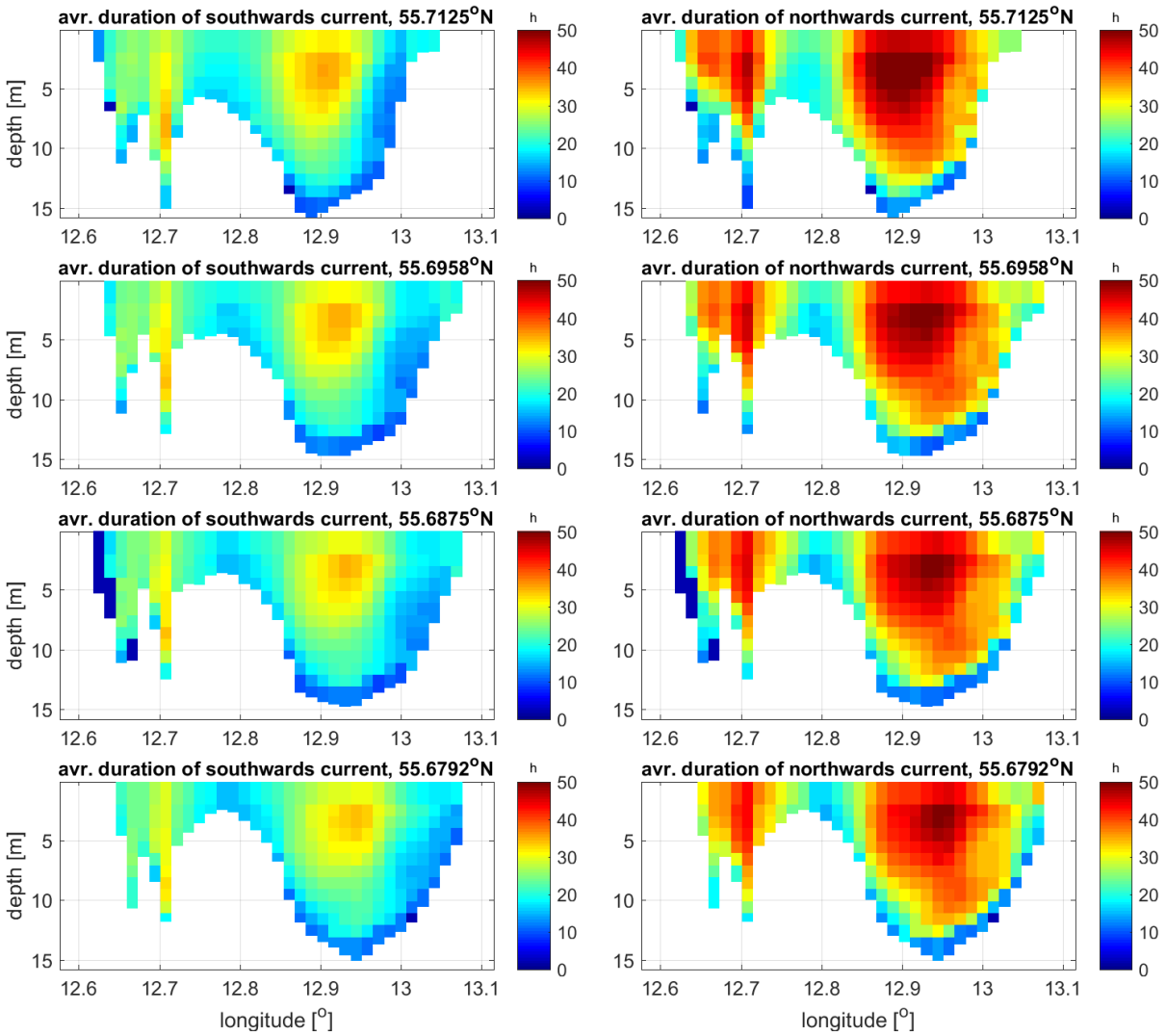

Figure A.1.5. 10 years average duration of southerly flow (left) and northerly flow (right) in units of hours, for all four cross-sections; from the North (top) at latitude 55.7125° to the South at 55.6792°. Results for the second cross-section from the top have been presented in the main part of the document.

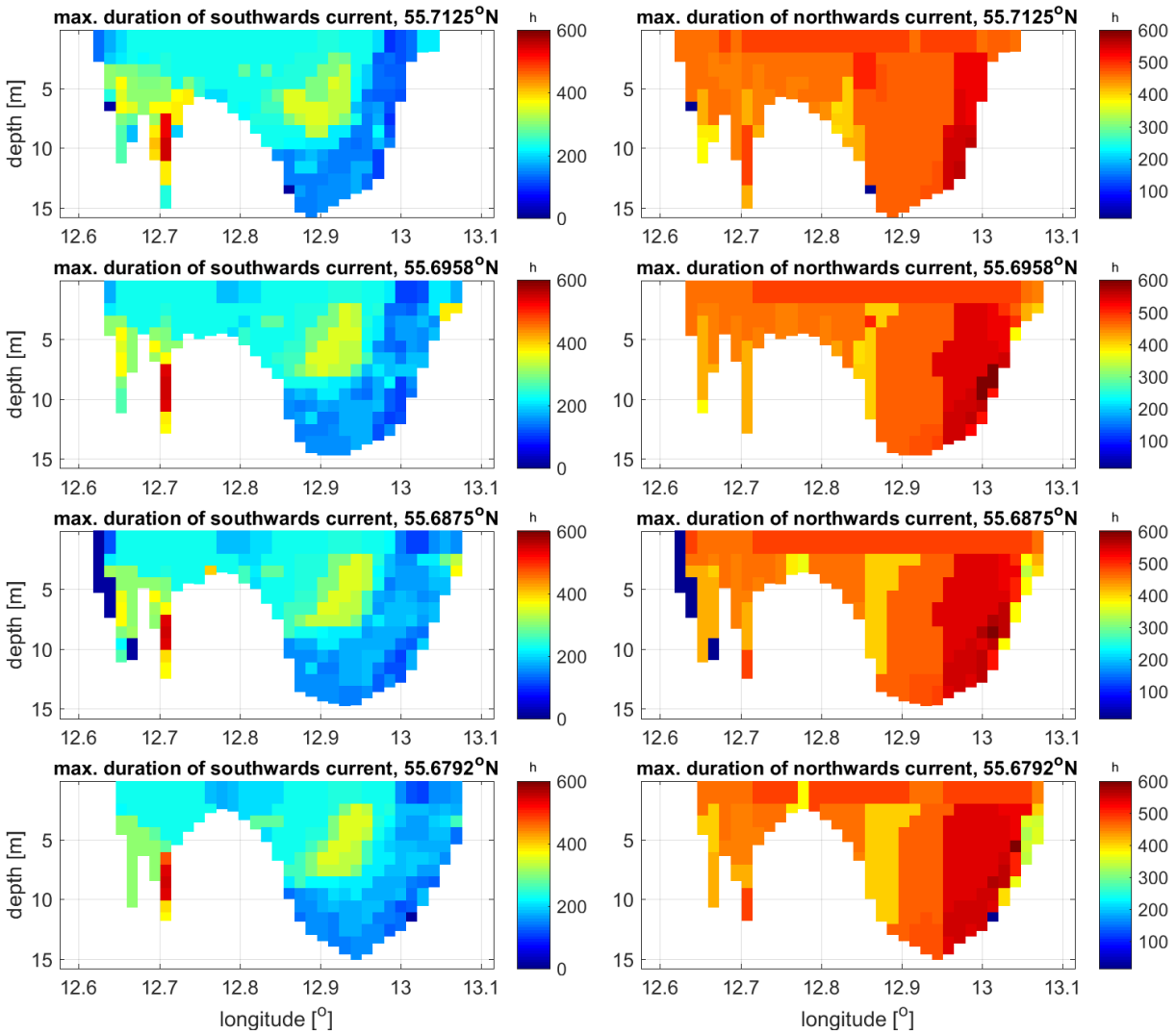

Figure A.1.6. Maximum duration of southerly flow (left) and northerly flow (right) (for a 10 years period) in units of hours, for all four cross-sections; from the North (top) at latitude 55.7125° to the South at 55.6792°. Results for the second cross-section from the top have been presented in the main part of the document.

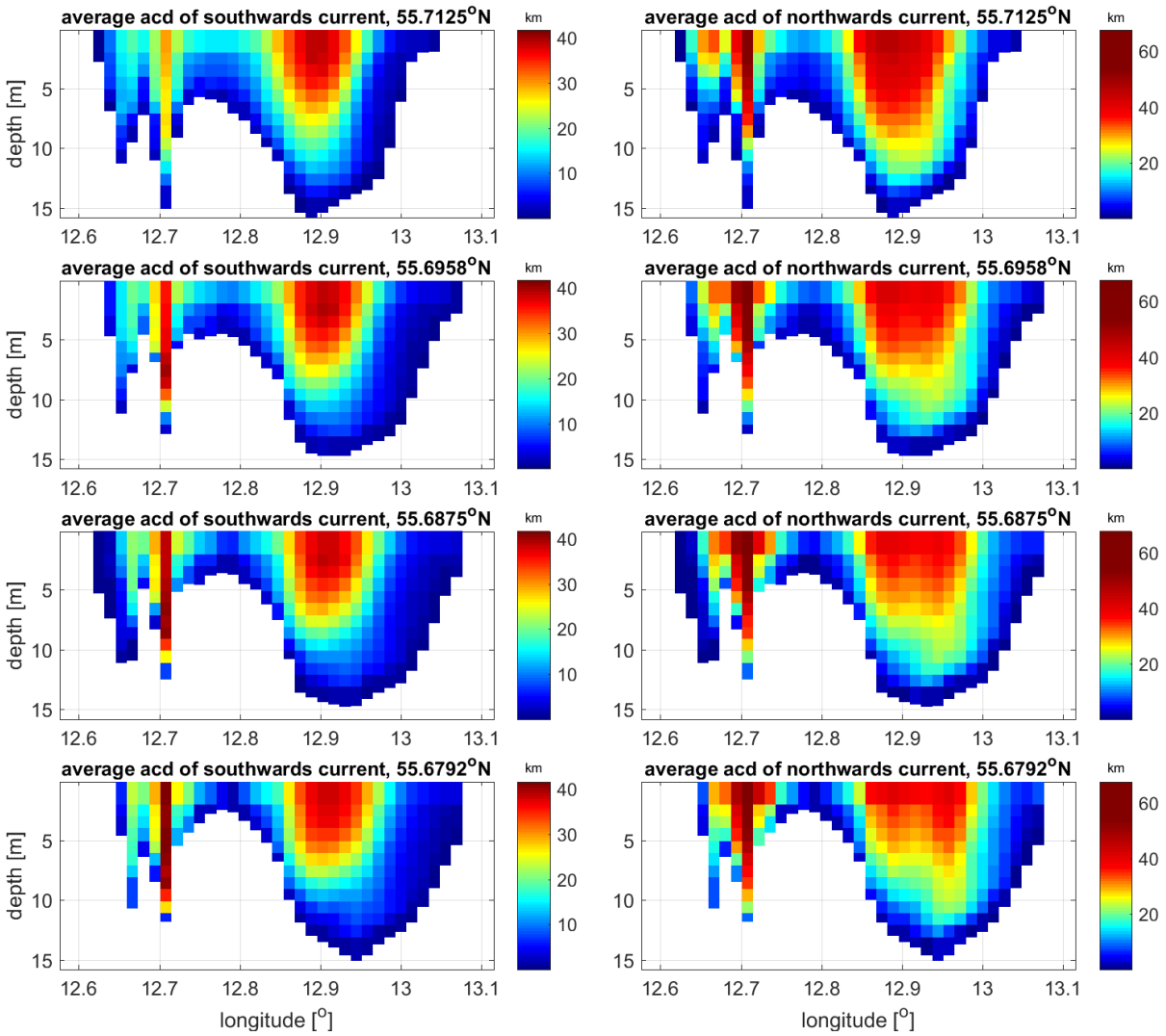

Figure A.1.7. 10 years average accumulated distance (acd) of southerly flow (left) and northerly flow (right) in units of km, for all four cross-sections; from the North (top) at latitude 55.7125 ° to the South at 55.6792°. Results for the second cross-section from the top have been presented in the main part of the document.

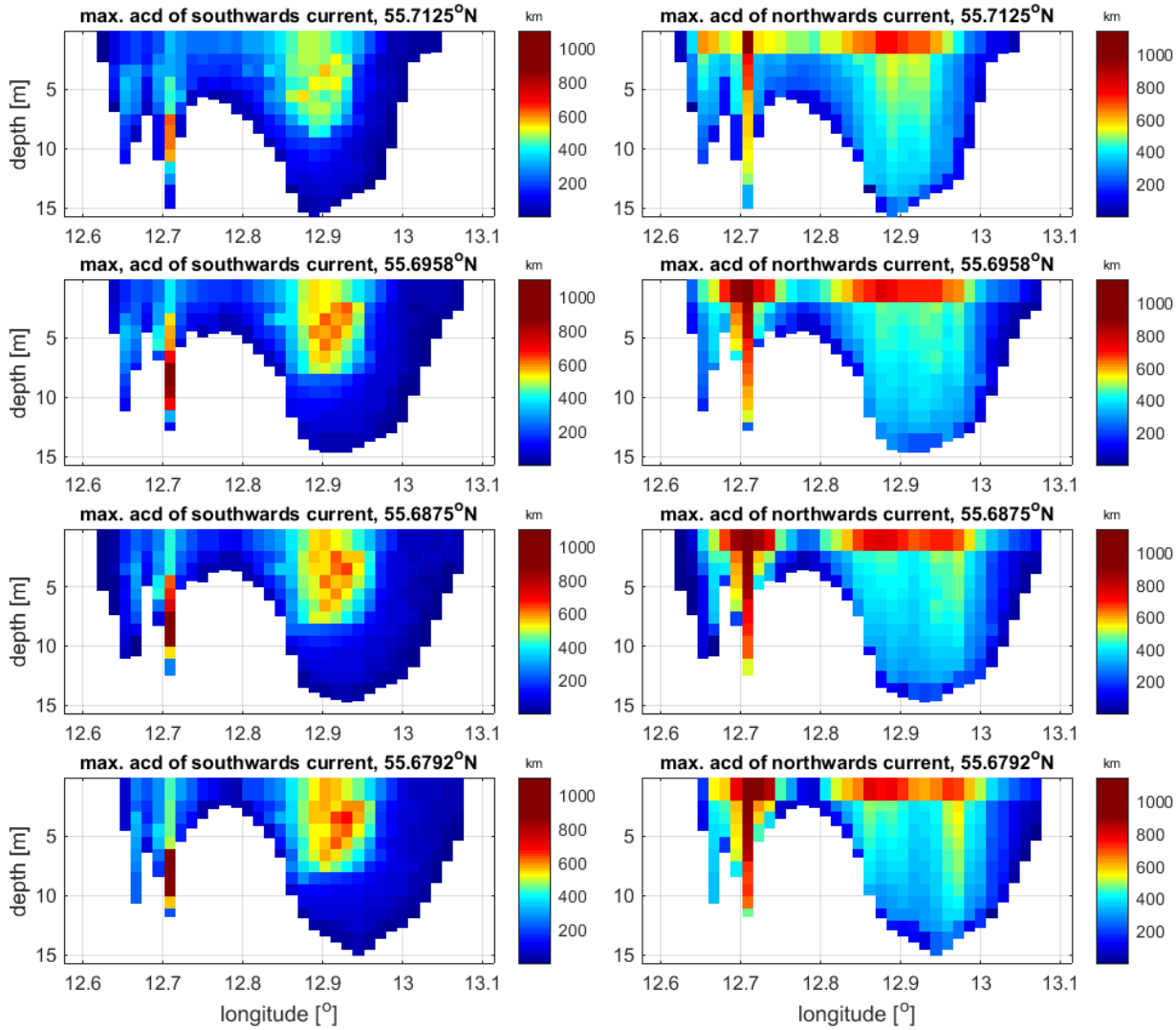

Figure A.1.9. Maximum accumulated distance (acd) of southerly flow (left) and northerly flow (right) (for a 10 years period) in units of km, for all four cross-sections; from the North (top) at latitude 55.7125° to the South at 55.6792°. Results for the second cross-section from the top have been presented in the main part of the document.

A.2 Annual temperature variation at Kongedybet

The annual temperature variation is given as the mean temperature for each calendar month. All layer depths are shown for each of the four positions K1-K4.

DEPTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-2	2.45	1.66	2.99	6.50	11.72	15.99	18.49	18.22	15.47	11.34	7.77	4.38	9.75
2-3	2.51	1.71	3.01	6.49	11.70	16.00	18.50	18.28	15.55	11.41	7.86	4.47	9.79
3-4	2.58	1.77	3.03	6.46	11.64	15.92	18.43	18.26	15.57	11.43	7.93	4.53	9.79
4-5	2.68	1.85	3.06	6.41	11.51	15.78	18.29	18.21	15.58	11.46	8.01	4.61	9.79
5-6	2.84	1.98	3.11	6.36	11.31	15.56	18.08	18.12	15.56	11.50	8.13	4.74	9.77
6-7	3.01	2.13	3.19	6.30	11.04	15.29	17.83	18.00	15.52	11.55	8.26	4.89	9.75
7-8	3.18	2.29	3.27	6.24	10.74	14.99	17.56	17.86	15.48	11.59	8.38	5.02	9.72
8-9	3.39	2.51	3.40	6.18	10.36	14.57	17.19	17.66	15.41	11.63	8.53	5.19	9.67
9-10	3.72	2.83	3.65	6.08	9.77	13.84	16.57	17.30	15.26	11.67	8.75	5.42	9.57
10-11.2	4.12	3.23	3.96	5.97	9.03	12.89	15.77	16.74	15.04	11.74	9.05	5.74	9.44

Table A.2.1 Kongedybet, position K1. Annual temperature variation.

DEPTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-2	2.46	1.68	3.01	6.51	11.72	15.98	18.48	18.21	15.46	11.32	7.77	4.39	9.75
2-3	2.52	1.73	3.02	6.49	11.70	15.98	18.49	18.26	15.54	11.39	7.86	4.47	9.79
3-4	2.62	1.81	3.04	6.46	11.61	15.88	18.38	18.23	15.55	11.41	7.96	4.56	9.79
4-5	2.75	1.90	3.08	6.41	11.46	15.70	18.21	18.16	15.54	11.45	8.08	4.66	9.78
5-6	2.87	2.01	3.14	6.37	11.28	15.50	18.02	18.08	15.53	11.48	8.17	4.76	9.77
6-7	3.00	2.14	3.21	6.31	11.03	15.24	17.80	17.98	15.50	11.52	8.27	4.87	9.74
7-8	3.16	2.30	3.29	6.26	10.73	14.95	17.53	17.85	15.46	11.55	8.38	4.99	9.70
8-9	3.36	2.51	3.41	6.20	10.36	14.53	17.16	17.65	15.39	11.59	8.52	5.14	9.65
9-10	3.65	2.79	3.64	6.12	9.80	13.85	16.58	17.31	15.27	11.63	8.72	5.35	9.56
10-11.1	3.99	3.14	3.91	6.02	9.11	13.02	15.90	16.83	15.08	11.69	8.97	5.61	9.44

Table A.2.2 Kongedybet, position K2. Annual temperature variation.

DEPTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-2	2.48	1.70	3.02	6.53	11.74	15.99	18.49	18.21	15.46	11.31	7.79	4.42	9.76
2-3	2.55	1.76	3.03	6.50	11.69	15.97	18.48	18.25	15.53	11.38	7.89	4.50	9.79
3-4	2.65	1.84	3.05	6.46	11.60	15.87	18.37	18.21	15.53	11.40	7.99	4.59	9.80
4-5	2.77	1.92	3.10	6.43	11.48	15.71	18.21	18.14	15.52	11.43	8.10	4.67	9.79
5-6	2.88	2.01	3.16	6.39	11.29	15.50	18.00	18.06	15.50	11.46	8.18	4.76	9.77
6-7	3.02	2.15	3.24	6.34	11.01	15.19	17.74	17.94	15.47	11.50	8.29	4.87	9.73
7-8	3.16	2.31	3.32	6.28	10.70	14.89	17.47	17.82	15.43	11.53	8.39	4.98	9.69
8-9	3.31	2.50	3.41	6.23	10.37	14.56	17.18	17.67	15.38	11.55	8.49	5.09	9.65
9-10	3.56	2.74	3.61	6.15	9.89	13.96	16.66	17.36	15.28	11.59	8.65	5.27	9.56
10-11.1	3.89	3.07	3.88	6.06	9.20	13.15	16.01	16.87	15.11	11.64	8.89	5.52	9.44

Table A.2.3 Kongedybet, position K3. Annual temperature variation.

DEPTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-2	2.46	1.68	3.00	6.49	11.69	15.95	18.45	18.18	15.46	11.34	7.78	4.41	9.74
2-3	2.51	1.72	3.01	6.47	11.65	15.95	18.46	18.23	15.53	11.39	7.86	4.48	9.77
3-4	2.62	1.82	3.03	6.43	11.57	15.86	18.37	18.19	15.53	11.42	7.95	4.57	9.78
4-5	2.75	1.91	3.07	6.39	11.45	15.71	18.23	18.14	15.53	11.44	8.08	4.66	9.78
5-6	2.87	2.00	3.12	6.35	11.28	15.52	18.04	18.06	15.51	11.47	8.18	4.75	9.76
6-7	2.99	2.11	3.19	6.31	11.04	15.26	17.81	17.98	15.48	11.49	8.27	4.82	9.73
7-8	3.11	2.24	3.27	6.27	10.77	14.99	17.57	17.87	15.44	11.50	8.36	4.90	9.69
8-10.7	3.32	2.46	3.42	6.22	10.35	14.51	17.16	17.66	15.36	11.53	8.49	5.03	9.63

Table A.2.4 Kongedybet, position K4. Annual temperature variation.

A.3 Velocity distribution at Kongedybet.

The north-south velocity distribution is given in intervals of 0.1 m/s, for each month of the year, and for the year on average. Table entries are ‰ of the number of data (NDAT) in each column. Four depths are shown: surface (0-2), intermediate (5-6 m), near-bottom(9-10 m), and bottom layer (10-11 m). Northward flow is positive, southward flow is negative.

A.3.1 Position K1

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.9/-0.8	0	0	0	0	0	0	0	0	0	0	0	0	0
-0.8/-0.7	0	0	0	0	0	0	0	0	0	0	0	1	0
-0.7/-0.6	0	0	1	0	0	0	0	0	0	0	1	2	0
-0.6/-0.5	5	2	2	1	0	0	0	0	0	0	3	4	2
-0.5/-0.4	13	11	10	7	3	2	0	3	4	7	10	10	7
-0.4/-0.3	25	20	25	18	9	15	8	7	11	20	32	23	18
-0.3/-0.2	55	53	50	47	42	41	25	35	56	46	61	56	47
-0.2/-0.1	76	77	91	53	76	98	85	84	89	84	74	91	82
-0.1/0.0	94	84	101	76	95	124	149	131	108	93	104	103	105
0.0/0.1	225	297	275	275	322	334	336	292	254	222	226	245	275
0.1/0.2	140	149	154	215	195	182	165	157	173	169	137	151	166
0.2/0.3	126	120	112	159	141	123	137	145	152	162	153	129	138
0.3/0.4	107	93	84	93	73	62	65	87	96	105	96	90	88
0.4/0.5	74	51	41	36	30	16	20	44	42	50	57	55	43
0.5/0.6	45	21	27	11	9	3	8	11	13	33	25	26	19
0.6/0.7	10	12	13	7	4	0	2	2	3	8	11	9	7
0.7/0.8	3	6	6	2	1	0	0	1	0	1	7	5	3
0.8/0.9	1	2	4	0	0	0	0	0	0	0	1	1	1
0.9/1.0	0	0	4	0	0	0	0	0	0	0	0	0	0
1.0/1.1	0	0	0	0	0	0	0	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.1.1 Kongedybet, position K1. Surface North-South velocity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.6/-0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
-0.5/-0.4	1	1	1	0	0	0	0	0	0	1	0	1	0
-0.4/-0.3	13	6	7	1	0	1	0	5	6	3	14	14	6
-0.3/-0.2	46	41	20	13	8	12	4	17	26	35	47	53	27
-0.2/-0.1	110	88	62	49	54	46	38	76	89	111	138	123	82
-0.1/0.0	158	145	154	126	137	155	198	175	180	155	178	189	163
0.0/0.1	337	386	458	542	587	599	604	524	438	351	369	336	461
0.1/0.2	163	218	184	212	175	162	135	163	179	208	159	160	176
0.2/0.3	117	89	91	54	32	25	19	39	67	108	75	101	68
0.3/0.4	48	20	20	3	6	0	2	2	13	25	18	21	15
0.4/0.5	8	5	2	0	0	0	0	0	3	4	1	4	2
0.5/0.6	0	1	0	0	0	0	0	0	0	1	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.1.2 Kongedybet, position K1. North-South velocity distribution at mid-depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.4/-0.3	1	0	0	0	0	0	0	0	0	0	0	0	0
-0.3/-0.2	9	4	2	0	0	0	0	0	1	3	3	6	2
-0.2/-0.1	56	37	19	9	8	10	3	11	15	22	42	59	24
-0.1/0.0	175	160	147	128	120	118	122	152	174	174	207	240	160
0.0/0.1	483	561	624	732	767	793	811	751	684	549	558	538	655
0.1/0.2	194	196	179	127	101	78	62	81	111	213	155	119	134
0.2/0.3	70	40	28	4	4	0	1	5	13	38	34	35	23
0.3/0.4	13	3	0	0	0	0	0	0	1	1	1	2	2
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.1.3 Kongedybet, position K1. Near-bottom North-South velocity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.3/-0.2	3	0	0	0	0	0	0	0	0	0	0	0	0
-0.2/-0.1	15	10	2	1	0	0	0	0	3	6	4	16	5
-0.1/0.0	84	57	30	13	6	6	5	11	30	41	63	127	39
0.0/0.1	741	822	881	964	988	983	994	975	927	828	861	806	898
0.1/0.2	120	96	84	22	6	10	1	14	38	116	65	44	51
0.2/0.3	37	15	3	0	0	0	0	1	3	8	7	8	7
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.1.4 Kongedybet, position K1. Bottom North-South velocity distribution.

A.3.1 Position K2

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.7/-0.6	0	1	1	0	0	0	0	0	0	0	1	0	0
-0.6/-0.5	1	1	1	0	0	0	0	0	0	0	3	3	1
-0.5/-0.4	10	5	6	5	1	1	1	1	2	1	5	9	4
-0.4/-0.3	22	21	17	14	8	11	4	8	9	18	22	18	14
-0.3/-0.2	47	47	47	38	34	34	18	33	49	45	68	56	43
-0.2/-0.1	90	81	93	62	77	96	90	90	99	94	84	95	88
-0.1/ 0.0	101	97	117	88	113	141	160	135	114	101	107	118	116
0.0/ 0.1	238	306	301	298	341	356	354	305	275	244	242	254	293
0.1/ 0.2	190	203	184	273	231	218	200	201	230	226	202	204	213
0.2/ 0.3	170	133	128	147	132	105	127	150	152	170	150	136	142
0.3/ 0.4	90	69	54	51	45	33	36	61	56	65	71	67	58
0.4/ 0.5	31	22	29	15	13	4	8	12	14	29	28	29	20
0.5/ 0.6	6	10	11	7	4	0	2	2	1	6	13	9	6
0.6/ 0.7	3	5	6	1	1	0	0	1	0	0	4	2	2
0.7/ 0.8	1	0	3	0	0	0	0	0	0	0	0	0	0
0.8/ 0.9	0	0	1	0	0	0	0	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.2.1 Kongedybet, position K2. Surface North-South velocity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.6/-0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
-0.5/-0.4	1	1	1	0	0	0	0	0	0	1	2	2	1
-0.4/-0.3	13	7	6	1	0	1	0	3	3	3	11	12	5
-0.3/-0.2	47	34	17	13	7	11	6	17	24	30	48	55	26
-0.2/-0.1	91	86	53	46	42	43	33	70	86	103	128	122	75
-0.1/ 0.0	168	151	158	114	135	151	184	170	180	164	176	180	161
0.0/ 0.1	379	445	519	628	685	682	679	601	498	404	431	378	528
0.1/ 0.2	198	218	188	185	122	111	93	130	179	231	165	196	168
0.2/ 0.3	92	51	55	12	10	2	6	9	28	63	39	49	35
0.3/ 0.4	11	7	3	0	0	0	0	0	2	3	1	5	3
0.4/ 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.2.2 Kongedybet, position K2. North-South velocity distribution at mid-depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.4/-0.3	2	0	0	0	0	0	0	0	0	0	0	1	0
-0.3/-0.2	9	6	2	1	0	0	0	0	1	3	3	7	3
-0.2/-0.1	51	36	22	5	5	7	1	8	19	23	51	67	24
-0.1/ 0.0	173	168	136	129	113	109	118	157	179	184	211	240	160
0.0/ 0.1	527	600	689	778	837	843	853	780	706	582	595	550	695
0.1/ 0.2	187	165	139	87	45	42	28	54	88	186	129	116	105
0.2/ 0.3	52	25	12	0	1	0	0	1	7	22	12	18	12
0.3/ 0.4	0	1	0	0	0	0	0	0	0	0	0	1	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.2.3 Kongedybet, position K2. Near-bottom North-South velocity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.3/-0.2	2	0	0	0	0	0	0	0	0	0	0	1	0
-0.2/-0.1	13	10	2	1	0	0	0	0	3	6	4	9	4
-0.1/ 0.0	78	66	27	13	4	4	6	10	31	43	73	124	40
0.0/ 0.1	756	814	886	965	989	984	994	972	927	837	858	804	899
0.1/ 0.2	135	106	85	21	8	12	1	17	39	112	64	56	55
0.2/ 0.3	15	5	0	0	0	0	0	0	1	2	2	5	2
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.2.4 Kongedybet, position K2. Bottom North-South velocity distribution.

A.3.3 Position K3

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.7/-0.6	0	0	0	0	0	0	0	0	0	0	0	0	0
-0.6/-0.5	1	1	1	0	0	0	0	0	0	0	1	0	0
-0.5/-0.4	6	4	3	2	0	1	0	1	1	1	5	7	3
-0.4/-0.3	18	11	9	11	5	7	2	7	9	11	13	16	10
-0.3/-0.2	40	44	42	29	27	27	13	27	37	43	59	49	36
-0.2/-0.1	99	83	91	67	75	85	79	89	104	98	96	103	89
-0.1/0.0	115	111	134	100	125	164	180	146	124	113	125	135	131
0.0/0.1	260	329	338	353	395	404	399	345	318	269	262	273	329
0.1/0.2	235	243	208	301	255	232	231	244	267	282	250	252	250
0.2/0.3	163	123	117	112	92	75	83	122	118	137	129	112	115
0.3/0.4	55	37	39	23	20	6	11	16	23	40	43	43	30
0.4/0.5	8	12	11	4	3	0	1	2	1	6	13	9	6
0.5/0.6	1	1	5	0	0	0	0	1	0	0	2	1	1
0.6/0.7	0	0	1	0	0	0	0	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.3.1 Kongedybet, position K3. Surface North-South velocity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.2/-0.1	5	3	4	0	0	0	0	1	0	1	3	6	2
-0.1/0.0	107	83	48	39	27	32	19	57	73	88	124	139	70
0.0/0.1	834	885	925	960	972	968	980	942	918	885	857	832	913
0.1/0.2	54	30	23	1	2	0	1	1	8	26	15	23	15
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.3.2 Kongedybet, position K3. North-South velocity distribution at intermediate depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.2/-0.1	0	0	0	0	0	0	0	0	0	0	0	0	0
-0.1/0.0	44	30	17	3	2	2	1	3	13	15	34	50	18
0.0/0.1	924	958	981	998	998	998	999	997	983	976	962	940	976
0.1/0.2	31	12	2	0	0	0	0	0	3	9	5	10	6
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.3.3 Kongedybet, position K3. Near-bottom North-South velocity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.1/0.0	15	13	2	1	0	0	0	0	3	5	5	10	4
0.0/0.1	977	983	998	999	1000	1000	1000	1000	997	995	995	985	994
0.1/0.2	8	5	0	0	0	0	0	0	1	0	1	5	2
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.3.4 Kongedybet, position K3. Bottom North-South velocity distribution.

A.3.4 Position K4

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-1.2/-1.1	0	0	0	0	0	0	0	0	0	0	0	0	0
-1.1/-1.0	0	0	0	0	0	0	0	0	0	0	0	0	0
-1.0/-0.9	0	0	0	0	0	0	0	0	0	0	0	0	0
-0.9/-0.8	1	1	1	0	0	0	0	0	0	0	2	2	1
-0.8/-0.7	5	2	3	2	0	0	0	1	1	1	2	3	2
-0.7/-0.6	7	6	6	5	2	3	1	5	6	7	9	8	6
-0.6/-0.5	14	11	12	12	9	11	4	11	13	19	17	13	12
-0.5/-0.4	25	30	27	17	22	16	8	24	29	26	36	28	24
-0.4/-0.3	47	47	44	32	40	41	37	44	48	56	57	61	46
-0.3/-0.2	80	54	63	49	55	69	84	71	73	65	76	73	68
-0.2/-0.1	72	70	93	60	73	104	110	82	78	69	79	94	82
-0.1/0.0	77	77	89	71	88	102	100	99	79	71	70	84	84
0.0/0.1	135	177	182	187	213	225	214	182	170	153	141	139	177
0.1/0.2	131	174	148	228	194	186	185	164	174	151	125	144	167
0.2/0.3	169	165	147	206	190	163	160	199	202	190	185	182	180
0.3/0.4	126	102	110	87	77	63	72	86	102	121	113	95	96
0.4/0.5	72	47	44	24	26	13	18	20	21	53	45	42	35
0.5/0.6	28	20	13	12	7	3	3	8	4	16	25	21	13
0.6/0.7	8	10	8	5	3	0	2	2	1	1	11	10	5
0.7/0.8	2	5	5	2	1	0	0	1	0	0	5	1	2
0.8/0.9	1	1	5	1	0	0	0	1	0	0	1	0	1
0.9/1.0	0	0	1	0	0	0	0	0	0	0	0	0	0
1.0/1.1	0	0	0	0	0	0	0	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.4.1 Kongedybet, position K4. Surface North-South velocity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.8/-0.7	0	0	1	0	0	0	0	0	0	0	0	0	0
-0.7/-0.6	0	0	1	0	0	0	0	0	0	0	1	1	0
-0.6/-0.5	3	3	3	1	1	2	0	3	3	1	5	5	2
-0.5/-0.4	14	10	8	8	5	6	1	11	9	8	14	7	8
-0.4/-0.3	33	33	21	19	12	15	7	26	28	32	46	30	25
-0.3/-0.2	71	59	57	36	49	48	39	58	65	84	93	87	62
-0.2/-0.1	120	98	102	76	93	94	115	108	120	113	117	142	108
-0.1/0.0	117	137	140	110	123	158	187	140	128	104	144	130	135
0.0/0.1	240	233	288	329	348	372	346	301	263	240	232	207	283
0.1/0.2	166	229	199	290	258	224	217	222	222	210	190	189	218
0.2/0.3	149	130	122	115	96	79	81	123	140	147	126	153	122
0.3/0.4	68	52	53	14	11	2	8	8	22	55	30	39	30
0.4/0.5	20	13	6	1	3	0	0	0	1	7	3	9	5
0.5/0.6	0	1	0	0	0	0	0	0	0	0	0	3	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.4.2 Kongedybet, position K4. North-South velocity distribution at mid-depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.6/-0.5	0	0	0	0	0	0	0	0	0	0	1	2	0
-0.5/-0.4	4	2	1	1	0	0	0	0	0	2	2	4	1
-0.4/-0.3	17	14	11	4	3	4	0	4	8	7	16	10	8
-0.3/-0.2	46	38	27	22	13	21	5	28	38	32	59	53	32
-0.2/-0.1	109	93	91	67	80	77	77	105	114	134	133	129	101
-0.1/0.0	184	182	205	160	188	209	249	200	192	170	213	205	197
0.0/0.1	282	312	341	411	457	458	453	395	342	281	287	255	356
0.1/0.2	153	205	179	259	212	198	177	201	204	211	175	194	197
0.2/0.3	135	108	114	71	44	33	38	65	93	125	96	115	86
0.3/0.4	58	37	29	4	3	0	1	1	10	37	19	25	19
0.4/0.5	12	9	1	0	0	0	0	0	1	3	0	6	3
0.5/0.6	0	0	0	0	0	0	0	0	0	0	0	2	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.4.3 Kongedybet, position K4. Near-bottom North-South velocity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-0.6/-0.5	0	0	0	0	0	0	0	0	0	0	0	1	0
-0.5/-0.4	2	0	0	0	0	0	0	0	0	0	2	4	1
-0.4/-0.3	10	7	1	1	0	0	0	0	2	3	8	6	3
-0.3/-0.2	25	22	11	3	1	1	1	1	12	13	23	37	12
-0.2/-0.1	60	42	27	18	7	17	7	9	41	42	61	71	33
-0.1/0.0	142	164	155	120	129	131	126	175	173	191	207	205	160
0.0/0.1	441	470	547	607	738	723	756	631	545	421	478	393	563
0.1/0.2	135	169	147	203	108	107	95	144	157	192	140	175	147
0.2/0.3	125	93	95	48	18	20	16	39	65	116	70	87	66
0.3/0.4	53	29	17	1	0	0	0	0	6	21	12	15	13
0.4/0.5	6	5	0	0	0	0	0	0	1	1	0	5	1
0.5/0.6	0	0	0	0	0	0	0	0	0	0	0	1	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.3.4.4 Kongedybet, position K4. Bottom North-South velocity distribution.

A.4 Salinity distribution at Kongedybet.

The salinity distribution is given in intervals of 1 ‰, for each month of the year, and for the year on average. Table entries are ‰ of the number of data (NDAT) in each column. Three depths are shown for each of the four positions K1-K4: surface (0-2 m), intermediate (5-6 m), and bottom layer (10-11 m).

A.4.1 Position K1

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7-8	31	20	73	1	64	120	54	22	7	61	9	5	39
8-9	114	201	88	336	407	188	263	150	218	187	181	109	203
9-10	153	173	221	182	174	204	123	230	97	167	159	143	169
10-11	119	133	123	152	63	171	77	149	78	142	87	104	116
11-12	60	70	69	61	75	97	131	98	118	36	69	64	79
12-13	70	53	76	43	66	73	104	86	105	36	42	43	66
13-14	64	22	84	27	61	81	77	67	82	44	43	38	58
14-15	47	47	74	50	63	37	88	68	78	38	44	36	56
15-16	32	59	72	45	21	30	40	35	88	26	53	63	47
16-17	43	38	27	54	6	0	39	28	43	66	58	56	38
17-18	45	39	23	26	0	0	3	27	43	66	31	36	28
18-19	31	27	32	11	0	0	0	29	40	75	87	55	32
19-20	42	30	19	5	0	0	0	11	2	18	59	73	22
20-21	32	39	18	0	0	0	0	0	2	17	48	43	17
21-22	26	16	0	0	0	0	0	0	0	15	20	67	12
22-23	56	6	0	0	0	0	0	0	0	4	5	39	9
23-24	8	8	0	2	0	0	0	0	0	1	4	16	3
24-25	26	5	0	2	0	0	0	0	0	0	2	6	3
25-26	0	6	0	1	0	0	0	0	0	0	1	1	1
26-27	0	2	0	0	0	0	0	0	0	0	1	1	0
27-28	0	4	0	0	0	0	0	0	0	0	0	0	0
28-29	0	0	0	0	0	0	0	0	0	0	0	1	0
29-30	0	1	0	0	0	0	0	0	0	0	0	2	0
30-31	0	0	0	0	0	0	0	0	0	0	0	1	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.1.1 Kongedybet, position K1. Surface salinity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7-8	11	5	40	0	31	53	16	10	6	37	4	3	18
8-9	86	163	51	211	232	118	154	74	133	109	118	81	127
9-10	126	118	129	108	194	160	99	130	95	153	108	93	126
10-11	80	116	87	147	112	185	92	127	56	140	69	80	107
11-12	54	64	66	104	84	142	99	100	57	58	44	53	77
12-13	69	48	67	68	89	114	140	128	93	39	48	47	79
13-14	66	44	98	52	72	99	109	109	116	47	52	38	75
14-15	60	49	94	70	78	62	147	104	132	46	44	32	77
15-16	45	65	121	68	54	53	72	65	116	40	69	51	68
16-17	47	52	63	71	31	9	54	63	58	65	87	67	56
17-18	62	34	48	45	15	4	12	29	58	78	62	54	42
18-19	54	49	46	25	5	1	3	37	61	89	92	63	44
19-20	60	48	36	13	1	0	1	22	9	26	54	97	31
20-21	35	51	30	5	1	0	1	1	8	17	55	64	22
21-22	35	31	6	3	0	0	0	1	1	20	33	67	16
22-23	65	10	9	3	0	0	0	1	0	13	21	56	15
23-24	12	11	4	4	0	0	0	0	0	7	16	25	6
24-25	29	13	4	1	0	0	0	0	0	6	10	13	6
25-26	1	9	1	2	0	0	0	0	0	4	7	4	2
26-27	1	7	0	1	0	0	0	0	0	3	3	2	1
27-28	1	5	0	1	0	0	0	0	0	2	2	2	1
28-29	0	3	0	0	0	0	0	0	0	1	2	2	1
29-30	0	2	0	1	0	0	0	0	0	0	1	2	0
30-31	0	3	0	0	0	0	0	0	0	0	0	2	0
31-32	0	2	0	0	0	0	0	0	0	0	0	2	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.1.2 Kongedybet, position K1. Salinity distribution at mid-depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7-8	4	0	28	0	1	12	0	0	4	17	0	1	6
8-9	63	77	4	44	33	23	0	35	38	58	42	30	37
9-10	68	88	64	58	14	33	9	5	34	74	56	17	43
10-11	53	58	30	68	26	49	36	18	6	92	26	42	42
11-12	14	28	36	33	32	62	40	41	17	28	22	18	31
12-13	29	28	39	56	68	99	58	56	30	46	16	18	45
13-14	19	16	53	39	79	109	70	91	55	34	15	24	51
14-15	28	20	58	65	88	47	124	93	113	28	20	21	59
15-16	34	45	43	96	103	65	192	92	94	29	22	38	71
16-17	40	35	29	84	106	135	171	112	82	38	66	60	80
17-18	51	55	27	131	84	106	107	162	90	49	64	83	84
18-19	37	62	39	62	93	77	64	78	98	76	95	89	73
19-20	73	55	80	49	84	56	40	59	108	60	86	133	74
20-21	76	74	92	28	86	44	27	59	66	70	92	65	65
21-22	92	60	68	26	38	36	13	45	49	58	76	79	53
22-23	124	56	66	32	30	18	18	25	37	46	69	74	50
23-24	49	53	69	34	19	16	17	11	28	45	40	72	38
24-25	66	52	52	31	11	8	10	10	28	49	30	60	34
25-26	32	40	49	17	2	6	6	2	11	17	35	24	20
26-27	26	25	24	17	1	1	0	2	8	26	41	11	15
27-28	10	21	20	12	1	0	0	4	4	16	38	16	12
28-29	11	19	11	14	0	0	0	0	0	25	22	10	9
29-30	0	9	10	5	0	0	0	0	0	11	20	3	5
30-31	0	14	7	1	0	0	0	0	0	3	7	9	3
31-32	0	6	0	0	0	0	0	0	0	3	0	4	1
32-33	0	0	0	0	0	0	0	0	0	4	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.1.3 Kongedybet, position K1. Bottom salinity distribution.

A.4.2 Position K2

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7- 8	32	19	67	1	62	120	53	13	6	59	9	2	37
8- 9	107	196	93	335	408	183	263	157	210	188	184	111	203
9-10	155	173	226	184	177	216	123	227	102	155	155	140	169
10-11	116	133	121	157	60	167	78	152	82	152	84	104	117
11-12	63	74	72	58	78	100	132	96	115	36	73	65	80
12-13	69	59	76	48	69	73	116	91	105	36	43	47	70
13-14	63	22	83	24	55	73	82	70	92	49	41	33	58
14-15	48	42	74	49	61	39	81	67	72	34	47	37	54
15-16	34	58	64	46	23	28	36	37	85	27	49	66	46
16-17	42	39	30	48	6	1	34	21	46	61	55	57	37
17-18	46	39	22	30	0	0	4	27	41	68	34	33	29
18-19	30	27	33	11	0	0	0	31	38	80	81	53	32
19-20	44	36	21	3	0	0	0	9	3	16	58	75	22
20-21	28	34	17	0	0	0	0	0	1	13	48	38	15
21-22	36	15	0	0	0	0	0	0	1	19	23	61	13
22-23	50	4	0	0	0	0	0	0	0	5	8	45	10
23-24	11	7	0	2	0	0	0	0	0	2	4	21	4
24-25	24	7	0	2	0	0	0	0	0	0	3	5	3
25-26	0	5	0	1	0	0	0	0	0	0	1	1	1
26-27	0	5	0	0	0	0	0	0	0	0	0	1	0
27-28	0	4	0	0	0	0	0	0	0	0	0	1	0
28-29	0	1	0	0	0	0	0	0	0	0	0	1	0
29-30	0	1	0	0	0	0	0	0	0	0	0	2	0
30-31	0	0	0	0	0	0	0	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.2.1 Kongedybet, position K2. Surface salinity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7- 8	9	7	39	0	31	55	12	3	5	36	4	2	17
8- 9	90	155	51	203	236	113	155	77	127	113	117	81	126
9-10	120	122	135	111	187	157	96	130	96	136	104	88	124
10-11	84	122	85	143	104	178	81	119	56	145	70	78	105
11-12	53	64	69	99	79	142	105	104	60	56	40	62	78
12-13	72	47	67	80	86	112	134	118	82	40	45	36	77
13-14	59	40	92	47	82	98	113	110	113	55	51	44	76
14-15	57	45	95	66	73	65	135	96	123	43	42	36	73
15-16	42	64	108	77	52	56	91	71	129	40	61	57	71
16-17	49	52	62	61	37	18	54	69	63	63	88	57	56
17-18	56	31	45	47	21	4	16	35	55	77	67	53	42
18-19	54	46	51	27	8	3	7	34	54	85	93	59	43
19-20	60	51	41	15	2	1	0	26	19	28	54	101	33
20-21	41	50	27	6	2	1	1	4	10	21	55	53	22
21-22	42	35	9	3	0	0	1	1	4	22	34	74	19
22-23	67	11	12	3	0	0	0	0	2	13	23	60	16
23-24	13	10	6	3	0	0	0	1	1	9	19	26	7
24-25	29	12	3	2	0	0	0	0	0	8	14	12	7
25-26	2	11	2	2	0	0	0	0	0	5	9	6	3
26-27	2	5	0	1	0	0	0	0	0	4	5	4	2
27-28	1	7	0	2	0	0	0	0	0	2	2	2	1
28-29	0	6	0	1	0	0	0	0	0	2	2	1	1
29-30	0	2	0	1	0	0	0	0	0	0	2	2	1
30-31	0	3	0	0	0	0	0	0	0	0	0	2	0
31-32	0	2	0	0	0	0	0	0	0	0	0	2	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.2.2 Kongedybet, position K2. Salinity distribution at intermediate depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7- 8	3	0	32	0	6	14	0	1	5	19	2	2	7
8- 9	69	92	13	83	47	36	4	44	43	65	53	40	49
9-10	78	97	67	68	13	34	17	23	38	89	62	35	52
10-11	52	65	41	59	34	53	56	13	12	103	36	47	48
11-12	11	34	43	30	30	77	40	39	27	33	22	18	34
12-13	29	20	38	41	67	98	48	55	25	30	13	18	40
13-14	25	12	52	28	74	84	66	95	62	38	14	18	48
14-15	33	21	47	86	88	54	134	72	112	27	21	16	60
15-16	42	40	39	82	135	77	186	93	91	27	24	35	73
16-17	37	45	25	94	81	143	186	137	75	33	67	63	82
17-18	49	41	38	119	80	101	89	165	104	46	57	85	81
18-19	50	65	30	70	107	67	59	71	99	74	100	93	74
19-20	68	52	82	32	74	58	38	49	93	62	92	117	68
20-21	65	79	84	21	75	51	15	59	64	59	84	53	59
21-22	98	66	71	31	34	20	16	27	47	59	77	85	52
22-23	120	43	82	42	26	17	22	33	33	47	57	73	50
23-24	40	58	65	29	23	10	14	12	33	52	42	79	38
24-25	58	49	48	25	2	6	3	5	22	39	26	50	28
25-26	42	39	47	18	1	3	5	2	11	28	33	17	20
26-27	14	20	18	11	0	0	0	2	4	17	46	14	12
27-28	7	18	16	15	0	0	0	3	0	15	37	17	11
28-29	9	16	8	9	0	0	0	0	0	27	13	5	7
29-30	0	12	9	6	0	0	0	0	0	3	16	2	4
30-31	0	12	4	0	0	0	0	0	0	3	6	9	3
31-32	0	5	0	0	0	0	0	0	0	2	1	5	1
32-33	0	0	0	0	0	0	0	0	0	4	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.2.3 Kongedybet, position K2. Bottom salinity distribution.

A.4.3 Position K3

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7- 8	33	19	67	0	56	118	49	8	5	54	9	2	35
8- 9	105	191	86	331	404	176	260	156	205	189	181	111	199
9-10	152	168	226	175	179	221	121	225	105	148	153	135	167
10-11	117	134	122	164	66	169	70	152	75	159	80	102	117
11-12	62	73	81	57	71	102	140	101	114	37	71	65	81
12-13	70	66	69	54	80	75	120	90	104	31	42	49	71
13-14	55	25	83	27	50	67	89	68	108	56	47	30	59
14-15	51	38	78	47	53	34	76	66	71	31	41	36	52
15-16	31	52	55	45	35	36	38	48	77	27	52	63	47
16-17	44	41	34	43	7	2	31	15	49	55	55	64	37
17-18	48	38	23	34	0	0	7	26	41	69	37	36	30
18-19	32	30	34	14	0	0	0	33	39	81	74	43	32
19-20	46	39	22	3	0	0	0	11	5	20	56	82	24
20-21	23	34	17	0	0	0	0	0	1	7	48	37	14
21-22	46	17	1	0	0	0	0	0	1	22	27	49	14
22-23	48	3	0	0	0	0	0	0	0	8	14	54	11
23-24	13	5	0	0	0	0	0	0	0	4	5	24	4
24-25	23	8	0	3	0	0	0	0	0	2	3	8	4
25-26	0	7	0	1	0	0	0	0	0	0	3	2	1
26-27	0	4	0	1	0	0	0	0	0	0	1	1	1
27-28	0	5	0	0	0	0	0	0	0	0	1	1	1
28-29	0	2	0	0	0	0	0	0	0	0	0	1	0
29-30	0	1	0	0	0	0	0	0	0	0	0	3	0
30-31	0	0	0	0	0	0	0	0	0	0	0	1	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.3.1 Kongedybet, position K3. Surface salinity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7- 8	10	7	40	0	29	56	11	3	5	32	5	2	17
8- 9	84	157	49	204	242	110	152	81	131	119	116	82	127
9-10	123	126	140	118	180	155	94	124	90	134	98	92	123
10-11	87	117	88	135	106	179	79	115	55	146	72	77	104
11-12	47	64	67	93	74	144	112	104	63	46	43	59	76
12-13	75	49	61	87	88	109	133	122	79	38	32	32	76
13-14	60	39	92	50	78	95	111	104	121	61	50	42	75
14-15	53	40	102	60	77	65	133	100	113	42	43	36	72
15-16	40	72	89	73	52	59	95	70	126	42	59	62	70
16-17	49	51	67	64	38	17	48	70	71	58	91	61	57
17-18	55	27	45	44	22	7	21	39	52	73	67	50	42
18-19	54	44	56	31	11	3	9	36	52	89	92	53	44
19-20	59	52	41	15	2	1	1	26	23	28	55	101	34
20-21	43	48	29	7	2	1	0	5	11	21	54	51	23
21-22	48	41	9	3	0	0	2	1	4	24	40	71	20
22-23	64	10	9	3	0	0	0	0	1	12	16	67	15
23-24	16	10	7	2	0	0	0	1	2	12	26	28	9
24-25	26	11	4	4	0	0	0	0	1	7	18	12	7
25-26	2	10	2	2	0	0	0	0	0	7	8	7	3
26-27	4	5	1	1	0	0	0	0	0	4	6	4	2
27-28	1	8	0	2	0	0	0	0	0	2	3	2	1
28-29	0	6	0	1	0	0	0	0	0	2	2	1	1
29-30	0	3	0	1	0	0	0	0	0	0	2	4	1
30-31	0	3	0	0	0	0	0	0	0	0	0	2	0
31-32	0	1	0	0	0	0	0	0	0	0	0	2	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.3.2 Kongedybet, position K3. Salinity distribution at intermediate depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7- 8	5	0	33	0	9	15	1	3	5	19	3	2	8
8- 9	69	103	20	107	51	43	19	44	50	76	58	44	57
9-10	83	95	72	73	17	38	24	34	43	97	66	46	57
10-11	55	66	49	67	44	63	54	17	21	107	39	50	53
11-12	17	38	46	26	32	80	40	39	29	29	22	20	35
12-13	32	21	34	37	68	106	50	45	21	26	10	17	39
13-14	30	10	47	28	72	63	61	94	63	35	18	20	45
14-15	33	21	45	80	97	65	145	72	111	25	22	20	62
15-16	42	48	36	83	120	84	180	91	90	31	28	39	73
16-17	37	45	22	101	81	133	178	138	86	38	68	63	82
17-18	44	29	41	102	91	90	83	175	96	45	59	73	78
18-19	53	64	37	58	99	65	56	65	106	87	106	91	74
19-20	65	59	79	33	74	61	37	53	84	54	90	116	67
20-21	75	76	81	22	69	48	15	45	53	53	83	51	56
21-22	91	67	78	34	25	14	15	30	46	55	71	84	51
22-23	121	40	76	42	28	17	27	28	31	46	53	63	48
23-24	39	56	65	27	21	7	9	12	32	51	37	91	37
24-25	48	50	49	24	3	8	2	5	20	33	23	45	26
25-26	36	34	41	17	0	1	6	3	10	28	36	19	19
26-27	12	18	17	13	0	0	0	4	2	16	42	14	11
27-28	8	17	13	12	0	0	0	3	0	13	38	12	10
28-29	6	18	7	8	0	0	0	0	0	26	9	5	7
29-30	0	12	9	5	0	0	0	0	0	2	13	3	4
30-31	0	10	2	0	0	0	0	0	0	3	5	8	2
31-32	0	3	0	0	0	0	0	0	0	2	1	5	1
32-33	0	0	0	0	0	0	0	0	0	3	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.3.3 Kongedybet, position K3. Bottom salinity distribution.

A.4.4 Position K4

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7- 8	42	21	68	5	70	125	63	20	5	61	12	3	42
8- 9	104	206	106	345	413	197	271	165	220	194	194	112	210
9-10	151	170	236	203	180	220	118	238	111	165	169	147	176
10-11	131	131	121	140	55	159	80	142	89	139	87	103	115
11-12	65	86	78	60	83	96	144	99	117	42	71	68	84
12-13	73	55	64	48	70	71	114	82	98	35	34	56	67
13-14	59	23	88	21	48	70	69	71	82	49	36	31	54
14-15	48	46	61	44	54	32	71	63	70	29	46	46	51
15-16	29	47	65	46	22	29	35	44	83	30	42	63	44
16-17	48	41	27	43	5	1	32	9	47	54	62	53	35
17-18	41	40	17	27	0	0	4	27	38	73	34	34	28
18-19	23	27	35	11	0	0	0	30	39	79	83	46	31
19-20	44	34	20	2	0	0	0	9	1	15	52	68	20
20-21	31	28	15	0	0	0	0	0	1	12	41	36	14
21-22	34	15	1	0	0	0	0	0	0	18	23	55	12
22-23	46	3	0	1	0	0	0	0	0	3	7	49	9
23-24	13	6	0	2	0	0	0	0	0	1	3	18	4
24-25	19	8	0	1	0	0	0	0	0	1	2	6	3
25-26	0	6	0	1	0	0	0	0	0	0	1	1	1
26-27	0	3	0	0	0	0	0	0	0	0	1	1	0
27-28	0	1	0	0	0	0	0	0	0	0	0	1	0
28-29	0	0	0	0	0	0	0	0	0	0	0	2	0
29-30	0	1	0	0	0	0	0	0	0	0	0	1	0
30-31	0	0	0	0	0	0	0	0	0	0	0	1	0
31-32	0	0	0	0	0	0	0	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.4.1 Kongedybet, position K4. Surface salinity distribution.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7- 8	11	15	41	0	35	84	22	15	5	34	6	3	23
8- 9	89	156	58	246	297	102	176	105	156	129	134	85	144
9-10	122	140	151	142	191	188	116	141	112	145	110	113	139
10-11	100	116	101	148	89	180	78	133	51	155	74	99	110
11-12	49	71	69	78	60	137	112	102	78	45	47	60	76
12-13	67	50	62	63	71	106	131	124	88	32	31	39	72
13-14	62	37	103	37	74	78	115	91	115	59	44	31	71
14-15	59	44	90	54	70	46	117	86	101	43	39	37	66
15-16	39	67	96	61	52	56	70	64	98	35	63	52	63
16-17	56	47	57	64	30	13	46	45	63	64	87	58	52
17-18	48	25	35	45	19	6	11	31	52	73	62	50	38
18-19	45	41	47	21	7	2	4	33	52	80	89	54	39
19-20	60	48	39	16	2	1	1	22	13	26	54	83	30
20-21	43	42	25	8	1	0	1	5	9	19	51	52	21
21-22	45	33	10	2	1	0	1	1	4	17	33	74	18
22-23	58	12	6	3	0	0	0	1	2	13	17	60	14
23-24	17	9	7	5	0	0	0	0	1	9	18	26	8
24-25	25	10	2	2	0	0	0	0	0	6	16	8	6
25-26	3	9	1	1	0	0	0	0	0	5	10	6	3
26-27	2	6	0	1	0	0	0	0	0	6	8	3	2
27-28	0	6	0	1	0	0	0	0	0	3	3	3	1
28-29	0	8	0	1	0	0	0	0	0	1	2	3	1
29-30	0	5	0	1	0	0	0	0	0	1	2	3	1
30-31	0	2	0	0	0	0	0	0	0	0	0	2	0
31-32	0	1	0	0	0	0	0	0	0	0	0	1	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.4.2 Kongedybet, position K4. Salinity distribution at intermediate depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7- 8	6	9	37	0	22	42	5	8	5	22	5	0	13
8- 9	75	115	43	200	131	81	97	82	114	93	93	58	98
9-10	96	119	113	104	113	100	85	79	85	118	104	88	100
10-11	77	95	71	85	90	112	55	90	37	126	53	81	81
11-12	36	52	51	46	71	113	81	67	52	46	31	41	57
12-13	52	27	46	69	86	97	72	103	57	28	21	47	59
13-14	50	22	51	62	78	90	111	84	71	41	27	32	60
14-15	51	30	67	59	86	96	160	96	99	40	34	33	71
15-16	35	62	46	60	80	109	150	105	118	45	50	56	76
16-17	49	76	61	93	79	64	76	96	84	49	81	60	72
17-18	54	50	54	51	74	41	54	72	93	75	66	60	62
18-19	60	50	75	38	38	28	18	44	77	110	99	59	58
19-20	83	58	95	41	29	14	10	34	54	48	70	84	52
20-21	60	59	69	21	10	8	13	21	24	32	67	51	36
21-22	63	54	37	22	13	3	7	9	11	33	48	90	32
22-23	80	28	35	12	1	1	3	6	7	27	32	71	25
23-24	26	24	21	10	0	1	2	1	6	20	25	36	14
24-25	34	16	13	8	0	0	0	2	4	10	27	19	11
25-26	5	14	6	8	0	0	0	1	1	9	28	12	7
26-27	4	8	4	6	0	0	0	1	0	12	20	8	5
27-28	4	9	2	3	0	0	0	0	0	9	10	4	3
28-29	0	11	2	2	0	0	0	0	0	3	5	3	2
29-30	0	8	2	1	0	0	0	0	0	3	4	3	2
30-31	0	4	0	0	0	0	0	0	0	1	0	2	1
31-32	0	1	0	0	0	0	0	0	0	2	0	1	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.4.4.3 Kongedybet, position K4. Bottom salinity distribution.

A.5 Temperature distribution at Kongedybet.

The temperature distribution is given in intervals of 1°C, for each month of the year, and for the year on average. Table entries are ‰ of the number of data (NDAT) in each column. All layer depths are shown for each of the four positions K1-K4.

A.5.1 Position K1

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-1	254	357	175	0	0	0	0	0	0	0	0	74	70
1-2	113	175	81	11	0	0	0	0	0	0	0	43	35
2-3	197	285	150	27	0	0	0	0	0	0	4	77	61
3-4	280	163	274	34	0	0	0	0	0	0	6	103	72
4-5	65	11	256	118	0	0	0	0	0	0	37	299	66
5-6	89	7	61	173	0	0	0	0	0	0	85	244	55
6-7	3	1	4	240	0	0	0	0	0	0	173	128	45
7-8	0	1	0	200	12	0	0	0	0	10	287	25	44
8-9	0	0	0	135	69	0	0	0	0	70	158	4	36
9-10	0	0	0	50	177	0	0	0	0	146	166	4	46
10-11	0	0	0	11	110	0	0	0	0	190	51	0	31
11-12	0	0	0	0	182	9	0	0	0	243	29	0	39
12-13	0	0	0	0	168	11	0	0	19	169	3	0	31
13-14	0	0	0	0	124	66	0	0	129	118	0	0	36
14-15	0	0	0	0	117	157	0	3	235	42	0	0	46
15-16	0	0	0	0	41	211	9	29	262	13	0	0	47
16-17	0	0	0	0	2	346	135	104	227	0	0	0	68
17-18	0	0	0	0	0	122	273	308	105	0	0	0	68
18-19	0	0	0	0	0	63	250	325	22	0	0	0	56
19-20	0	0	0	0	0	15	189	154	0	0	0	0	30
20-21	0	0	0	0	0	0	68	56	0	0	0	0	11
21-22	0	0	0	0	0	0	63	20	0	0	0	0	7
22-23	0	0	0	0	0	0	14	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.1.1 Kongedybet, position K1. Surface temperature distribution. 0-2 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-1	246	346	167	0	0	0	0	0	0	0	0	71	68
1-2	117	178	88	9	0	0	0	0	0	0	0	40	35
2-3	188	291	146	30	0	0	0	0	0	0	4	74	60
3-4	285	164	273	38	0	0	0	0	0	0	6	98	72
4-5	67	12	264	113	0	0	0	0	0	0	27	294	65
5-6	94	7	60	179	0	0	0	0	0	0	86	245	56
6-7	3	1	3	235	0	0	0	0	0	0	155	144	45
7-8	0	1	0	202	10	0	0	0	0	3	294	23	44
8-9	0	1	0	139	65	0	0	0	0	72	163	5	37
9-10	0	0	0	46	184	0	0	0	0	139	169	3	45
10-11	0	0	0	9	109	0	0	0	0	171	57	1	29
11-12	0	0	0	0	180	8	0	0	0	262	35	0	41
12-13	0	0	0	0	171	10	0	0	15	171	2	0	31
13-14	0	0	0	0	123	72	0	0	99	124	0	0	35
14-15	0	0	0	0	120	155	0	1	247	43	0	0	47
15-16	0	0	0	0	38	202	7	26	264	15	0	0	46
16-17	0	0	0	0	0	356	130	99	234	0	0	0	68
17-18	0	0	0	0	0	120	278	294	114	0	0	0	68
18-19	0	0	0	0	0	63	243	335	28	0	0	0	56
19-20	0	0	0	0	0	15	206	164	0	0	0	0	33
20-21	0	0	0	0	0	0	57	59	0	0	0	0	10
21-22	0	0	0	0	0	0	68	21	0	0	0	0	8
22-23	0	0	0	0	0	0	11	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.1.2 Kongedybet, position K1. Temperature distribution. 2-3 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-1	225	335	162	0	0	0	0	0	0	0	0	69	65
1-2	126	177	92	7	0	0	0	0	0	0	0	39	36
2-3	188	275	131	32	0	0	0	0	0	0	4	71	57
3-4	294	188	292	36	0	0	0	0	0	0	6	99	76
4-5	64	14	260	115	0	0	0	0	0	0	26	290	65
5-6	100	7	60	183	0	0	0	0	0	0	84	242	57
6-7	3	1	3	232	0	0	0	0	0	0	138	153	44
7-8	0	1	0	213	10	0	0	0	0	1	287	27	44
8-9	0	2	0	136	79	0	0	0	0	70	173	5	39
9-10	0	0	0	41	180	0	0	0	0	134	179	4	45
10-11	0	0	0	5	120	0	0	0	0	168	63	3	30
11-12	0	0	0	0	168	8	0	0	0	270	37	0	41
12-13	0	0	0	0	175	10	0	0	14	176	2	0	32
13-14	0	0	0	0	117	78	0	0	94	125	0	0	35
14-15	0	0	0	0	121	164	2	0	250	47	0	0	48
15-16	0	0	0	0	32	220	8	27	261	10	0	0	46
16-17	0	0	0	0	0	336	139	103	234	0	0	0	67
17-18	0	0	0	0	0	111	280	297	116	0	0	0	68
18-19	0	0	0	0	0	62	254	333	31	0	0	0	57
19-20	0	0	0	0	0	12	189	162	0	0	0	0	31
20-21	0	0	0	0	0	0	66	60	0	0	0	0	11
21-22	0	0	0	0	0	0	54	18	0	0	0	0	6
22-23	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.1.3 Kongedybet, position K1. Temperature distribution. 3-4 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-1	198	316	152	0	0	0	0	0	0	0	0	66	60
1-2	136	171	96	5	0	0	0	0	0	0	0	35	36
2-3	179	276	126	34	0	0	0	0	0	0	5	66	56
3-4	313	205	308	38	0	0	0	0	0	0	6	97	80
4-5	63	20	257	110	0	0	0	0	0	0	22	293	64
5-6	107	7	59	197	0	0	0	0	0	0	83	234	58
6-7	4	4	3	222	0	0	0	0	0	0	126	160	43
7-8	1	1	0	235	7	0	0	0	0	0	263	34	45
8-9	0	2	0	129	113	0	0	0	0	66	204	6	43
9-10	0	0	0	25	158	0	0	0	0	128	181	5	42
10-11	0	0	0	5	134	1	0	0	0	166	72	3	32
11-12	0	0	0	0	161	7	0	0	0	277	37	0	41
12-13	0	0	0	0	178	12	0	0	15	184	0	0	33
13-14	0	0	0	0	109	86	1	0	93	123	0	0	34
14-15	0	0	0	0	112	183	3	0	255	50	0	0	50
15-16	0	0	0	0	26	242	11	24	243	6	0	0	46
16-17	0	0	0	0	0	305	161	115	242	0	0	0	68
17-18	0	0	0	0	0	106	283	309	121	0	0	0	69
18-19	0	0	0	0	0	53	272	318	30	0	0	0	57
19-20	0	0	0	0	0	5	155	164	0	0	0	0	27
20-21	0	0	0	0	0	0	74	56	0	0	0	0	11
21-22	0	0	0	0	0	0	32	15	0	0	0	0	4
22-23	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.1.4 Kongedybet, position K1. Temperature distribution. 4-5 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-1	162	285	134	0	0	0	0	0	0	0	0	63	53
1-2	139	174	103	4	0	0	0	0	0	0	2	23	36
2-3	179	268	125	35	0	0	0	0	0	0	3	68	55
3-4	322	230	322	38	0	0	0	0	0	0	6	89	84
4-5	75	20	253	112	0	0	0	0	0	0	20	298	65
5-6	113	15	60	213	0	0	0	0	0	0	82	227	59
6-7	10	5	3	209	0	0	0	0	0	0	115	168	42
7-8	1	1	0	255	14	0	0	0	0	0	221	39	44
8-9	0	2	0	112	144	0	0	0	0	65	237	16	48
9-10	0	0	0	20	156	0	0	0	0	117	184	5	40
10-11	0	0	0	2	139	2	0	0	0	164	91	5	34
11-12	0	0	0	0	150	9	0	0	0	269	39	0	40
12-13	0	0	0	0	185	20	1	0	14	206	0	0	36
13-14	0	0	0	0	94	107	1	1	102	122	0	0	36
14-15	0	0	0	0	99	201	4	1	258	50	0	0	51
15-16	0	0	0	0	19	272	27	37	230	6	0	0	49
16-17	0	0	0	0	1	252	195	112	250	0	0	0	67
17-18	0	0	0	0	0	99	279	321	119	0	0	0	69
18-19	0	0	0	0	0	39	271	322	27	0	0	0	56
19-20	0	0	0	0	0	1	131	147	0	0	0	0	24
20-21	0	0	0	0	0	0	64	52	0	0	0	0	10
21-22	0	0	0	0	0	0	20	9	0	0	0	0	2
22-23	0	0	0	0	0	0	7	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.1.5 Kongedybet, position K1. Temperature distribution. 5-6 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-1	136	242	112	0	0	0	0	0	0	0	0	63	45
1-2	126	184	106	1	0	0	0	0	0	0	2	20	36
2-3	185	265	130	30	0	0	0	0	0	0	3	57	55
3-4	319	253	332	48	0	0	0	0	0	0	6	77	86
4-5	94	26	251	119	0	0	0	0	0	0	19	299	68
5-6	120	19	62	214	0	0	0	0	0	0	76	225	60
6-7	17	7	6	223	3	0	0	0	0	0	112	174	45
7-8	2	2	0	251	33	0	0	0	0	0	180	50	43
8-9	0	3	0	94	156	0	0	0	0	57	253	23	49
9-10	0	0	0	18	164	1	0	0	0	113	197	8	42
10-11	0	0	0	1	141	3	0	0	0	170	112	6	36
11-12	0	0	0	0	153	17	1	0	0	250	42	0	39
12-13	0	0	0	0	172	46	1	1	16	231	0	0	39
13-14	0	0	0	0	76	121	2	1	115	124	0	0	36
14-15	0	0	0	0	90	216	11	7	251	50	0	0	52
15-16	0	0	0	0	11	269	51	35	233	6	0	0	50
16-17	0	0	0	0	1	216	217	129	253	0	0	0	68
17-18	0	0	0	0	0	81	283	346	108	0	0	0	69
18-19	0	0	0	0	0	31	249	296	23	0	0	0	51
19-20	0	0	0	0	0	0	115	145	0	0	0	0	22
20-21	0	0	0	0	0	0	52	36	0	0	0	0	8
21-22	0	0	0	0	0	0	13	6	0	0	0	0	2
22-23	0	0	0	0	0	0	4	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.1.6 Kongedybet, position K1. Temperature distribution. 6-7 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-1	107	216	90	0	0	0	0	0	0	0	0	59	38
1-2	123	178	115	1	0	0	0	0	0	0	2	20	36
2-3	185	259	128	21	0	0	0	0	0	0	3	52	53
3-4	321	264	342	56	0	0	0	0	0	0	6	59	87
4-5	105	44	247	124	0	0	0	0	0	0	18	301	71
5-6	127	22	66	228	0	0	0	0	0	0	74	221	62
6-7	27	11	10	233	9	0	0	0	0	0	108	176	48
7-8	4	3	0	241	62	0	0	0	0	0	150	69	44
8-9	0	4	0	79	176	0	0	0	0	55	258	25	50
9-10	0	0	0	17	163	2	0	0	0	102	195	13	41
10-11	0	0	0	0	154	10	0	0	0	172	142	7	41
11-12	0	0	0	0	136	29	1	1	0	254	44	0	39
12-13	0	0	0	0	158	73	2	1	17	238	0	0	41
13-14	0	0	0	0	67	137	5	2	127	124	0	0	38
14-15	0	0	0	0	66	221	29	9	246	48	0	0	51
15-16	0	0	0	0	9	252	77	39	245	7	0	0	52
16-17	0	0	0	0	0	191	237	155	239	0	0	0	69
17-18	0	0	0	0	0	65	260	359	106	0	0	0	67
18-19	0	0	0	0	0	20	244	281	20	0	0	0	48
19-20	0	0	0	0	0	0	108	131	0	0	0	0	20
20-21	0	0	0	0	0	0	24	21	0	0	0	0	4
21-22	0	0	0	0	0	0	11	3	0	0	0	0	1
22-23	0	0	0	0	0	0	2	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.1.7 Kongedybet, position K1. Temperature distribution. 7-8 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-1	78	184	68	0	0	0	0	0	0	0	0	51	31
1-2	115	156	105	0	0	0	0	0	0	0	2	20	33
2-3	179	264	135	12	0	0	0	0	0	0	3	51	53
3-4	316	271	335	60	0	0	0	0	0	0	6	42	85
4-5	121	68	272	139	0	0	0	0	0	0	18	288	76
5-6	142	34	71	234	3	0	0	0	0	0	72	222	65
6-7	39	14	14	247	16	0	0	0	0	0	103	184	51
7-8	8	4	0	230	94	0	0	0	0	0	114	91	45
8-9	1	6	0	68	217	0	0	0	0	52	243	28	51
9-10	0	0	0	10	156	8	0	0	0	92	223	15	42
10-11	0	0	0	0	135	22	0	1	0	163	167	8	42
11-12	0	0	0	0	130	60	4	1	4	270	50	0	44
12-13	0	0	0	0	137	89	7	1	19	248	0	0	42
13-14	0	0	0	0	55	141	14	6	141	122	0	0	40
14-15	0	0	0	0	51	233	51	11	239	44	0	0	52
15-16	0	0	0	0	6	242	98	53	251	8	0	0	54
16-17	0	0	0	0	0	161	256	180	231	0	0	0	69
17-18	0	0	0	0	0	36	262	373	99	0	0	0	65
18-19	0	0	0	0	0	9	222	258	16	0	0	0	43
19-20	0	0	0	0	0	0	74	106	0	0	0	0	15
20-21	0	0	0	0	0	0	10	9	0	0	0	0	2
21-22	0	0	0	0	0	0	4	2	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.1.8 Kongedybet, position K1. Temperature distribution. 8-9 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-1	54	150	51	0	0	0	0	0	0	0	0	46	25
1-2	76	119	73	0	0	0	0	0	0	0	2	15	23
2-3	179	256	141	5	0	0	0	0	0	0	3	37	51
3-4	304	292	293	51	0	0	0	0	0	0	6	43	82
4-5	147	81	322	168	0	0	0	0	0	0	18	279	85
5-6	159	61	94	253	9	0	0	0	0	0	66	197	70
6-7	63	23	24	271	32	0	0	0	0	0	98	189	58
7-8	16	10	1	183	181	2	0	0	0	0	76	125	50
8-9	1	8	0	62	219	3	0	0	0	46	204	40	49
9-10	1	0	0	7	141	30	0	0	0	88	246	20	44
10-11	0	0	0	0	117	56	5	2	0	153	223	9	47
11-12	0	0	0	0	151	85	10	1	12	290	57	0	51
12-13	0	0	0	0	75	129	12	4	32	251	2	0	42
13-14	0	0	0	0	36	190	41	10	162	125	0	0	47
14-15	0	0	0	0	38	188	87	28	220	38	0	0	50
15-16	0	0	0	0	0	209	163	82	253	8	0	0	59
16-17	0	0	0	0	0	93	257	237	222	0	0	0	68
17-18	0	0	0	0	0	12	231	360	92	0	0	0	59
18-19	0	0	0	0	0	4	169	200	7	0	0	0	32
19-20	0	0	0	0	0	0	21	74	0	0	0	0	8
20-21	0	0	0	0	0	0	5	1	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.1.9 Kongedybet, position K1. Near-bottom temperature distribution. 9-10 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0-1	48	136	33	0	0	0	0	0	0	0	0	40	21
1-2	43	68	51	0	0	0	0	0	0	0	2	10	14
2-3	131	228	117	8	0	0	0	0	0	0	3	32	42
3-4	285	294	230	18	0	0	0	0	0	0	6	28	71
4-5	173	111	387	214	0	0	0	0	0	0	18	261	97
5-6	185	77	129	288	15	0	0	0	0	0	58	174	77
6-7	91	56	50	280	99	0	0	0	0	0	91	197	72
7-8	38	19	4	132	255	3	0	0	0	0	49	141	54
8-9	4	11	0	59	197	22	0	0	0	43	145	77	47
9-10	1	0	0	1	138	75	2	0	0	65	259	26	47
10-11	0	0	0	0	111	94	16	5	1	157	293	14	58
11-12	0	0	0	0	115	136	19	6	26	298	73	0	56
12-13	0	0	0	0	39	180	25	5	54	258	4	0	47
13-14	0	0	0	0	21	173	81	27	163	135	0	0	50
14-15	0	0	0	0	10	146	149	68	224	34	0	0	53
15-16	0	0	0	0	0	118	197	128	232	9	0	0	57
16-17	0	0	0	0	0	50	284	295	233	0	0	0	72
17-18	0	0	0	0	0	4	158	300	68	0	0	0	45
18-19	0	0	0	0	0	0	64	139	0	0	0	0	17
19-20	0	0	0	0	0	0	6	27	0	0	0	0	3
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.1.10 Kongedybet, position K1. Bottom temperature distribution. 10-11.2 m depth.

A.5.2 Position K2

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	252	354	171	0	0	0	0	0	0	0	0	74	70
1- 2	115	176	84	12	0	0	0	0	0	0	2	42	35
2- 3	193	282	148	26	0	0	0	0	0	0	3	79	60
3- 4	280	165	270	33	0	0	0	0	0	0	6	100	71
4- 5	68	13	258	117	0	0	0	0	0	0	39	300	67
5- 6	88	8	65	175	0	0	0	0	0	0	84	239	55
6- 7	3	1	3	241	0	0	0	0	0	0	175	133	46
7- 8	0	1	0	198	10	0	0	0	0	12	283	24	44
8- 9	0	0	0	134	69	0	0	0	0	72	160	4	37
9-10	0	0	0	53	172	0	0	0	0	140	166	4	45
10-11	0	0	0	11	117	0	0	0	0	193	52	0	31
11-12	0	0	0	0	184	9	0	0	0	248	28	0	40
12-13	0	0	0	0	166	11	0	0	19	166	3	0	31
13-14	0	0	0	0	120	64	0	0	136	113	0	0	36
14-15	0	0	0	0	119	160	0	2	227	42	0	0	46
15-16	0	0	0	0	42	209	11	33	267	13	0	0	47
16-17	0	0	0	0	1	355	138	103	223	0	0	0	68
17-18	0	0	0	0	0	116	266	308	105	0	0	0	67
18-19	0	0	0	0	0	63	251	326	23	0	0	0	56
19-20	0	0	0	0	0	13	188	152	0	0	0	0	30
20-21	0	0	0	0	0	0	67	54	0	0	0	0	10
21-22	0	0	0	0	0	0	63	21	0	0	0	0	7
22-23	0	0	0	0	0	0	14	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.2.1 Kongedybet, position K2. Surface temperature distribution. 0-2 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	242	339	165	0	0	0	0	0	0	0	0	69	67
1- 2	122	181	90	9	0	0	0	0	0	0	3	42	37
2- 3	183	289	135	30	0	0	0	0	0	0	3	75	58
3- 4	288	166	277	37	0	0	0	0	0	0	5	97	72
4- 5	66	14	268	113	0	0	0	0	0	0	32	301	67
5- 6	96	9	61	179	0	0	0	0	0	0	82	237	56
6- 7	4	1	4	234	0	0	0	0	0	0	149	140	44
7- 8	0	1	0	203	10	0	0	0	0	6	292	29	45
8- 9	0	0	0	141	68	0	0	0	0	74	169	5	38
9-10	0	0	0	46	181	0	0	0	0	136	170	4	45
10-11	0	0	0	8	112	0	0	0	0	177	59	1	30
11-12	0	0	0	0	181	8	0	0	0	262	34	0	41
12-13	0	0	0	0	170	9	0	0	17	170	2	0	31
13-14	0	0	0	0	118	70	0	0	105	117	0	0	34
14-15	0	0	0	0	123	159	1	1	244	43	0	0	47
15-16	0	0	0	0	37	206	8	27	259	15	0	0	46
16-17	0	0	0	0	0	354	134	100	235	0	0	0	68
17-18	0	0	0	0	0	116	274	301	112	0	0	0	68
18-19	0	0	0	0	0	63	239	325	29	0	0	0	55
19-20	0	0	0	0	0	14	212	170	0	0	0	0	34
20-21	0	0	0	0	0	0	55	56	0	0	0	0	9
21-22	0	0	0	0	0	0	65	20	0	0	0	0	7
22-23	0	0	0	0	0	0	12	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.2.2 Kongedybet, position K2. Temperature distribution. 2-3 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	210	320	159	0	0	0	0	0	0	0	0	67	62
1- 2	138	184	93	7	0	0	0	0	0	0	3	35	38
2- 3	183	265	124	32	0	0	0	0	0	0	3	74	56
3- 4	298	197	298	36	0	0	0	0	0	0	5	99	78
4- 5	63	20	261	111	0	0	0	0	0	0	30	293	65
5- 6	103	9	62	185	0	0	0	0	0	0	81	235	56
6- 7	5	3	4	234	0	0	0	0	0	0	130	151	44
7- 8	0	1	0	212	9	0	0	0	0	3	275	34	44
8- 9	0	2	0	139	91	0	0	0	0	75	184	5	41
9-10	0	0	0	38	171	0	0	0	0	128	181	5	44
10-11	0	0	0	5	120	1	0	0	0	174	73	3	32
11-12	0	0	0	0	174	8	0	0	0	269	33	0	41
12-13	0	0	0	0	169	10	0	0	17	177	2	0	32
13-14	0	0	0	0	113	77	1	0	98	117	0	0	34
14-15	0	0	0	0	119	171	2	0	249	49	0	0	49
15-16	0	0	0	0	35	234	10	30	255	8	0	0	47
16-17	0	0	0	0	0	321	149	104	240	0	0	0	68
17-18	0	0	0	0	0	113	271	302	111	0	0	0	67
18-19	0	0	0	0	0	59	264	327	31	0	0	0	57
19-20	0	0	0	0	0	8	178	169	0	0	0	0	30
20-21	0	0	0	0	0	0	65	52	0	0	0	0	10
21-22	0	0	0	0	0	0	51	16	0	0	0	0	6
22-23	0	0	0	0	0	0	10	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.2.3 Kongedybet, position K2. Temperature distribution. 3-4 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	183	301	147	0	0	0	0	0	0	0	0	65	57
1- 2	138	183	101	5	0	0	0	0	0	0	3	27	37
2- 3	182	264	119	34	0	0	0	0	0	0	3	72	55
3- 4	308	212	308	37	0	0	0	0	0	0	5	99	81
4- 5	69	19	260	110	0	0	0	0	0	0	28	294	66
5- 6	111	13	62	198	0	0	0	0	0	0	81	223	57
6- 7	10	4	3	226	0	0	0	0	0	0	119	158	43
7- 8	0	1	0	234	10	0	0	0	0	1	228	42	42
8- 9	0	2	0	127	124	0	0	0	0	70	228	11	47
9-10	0	0	0	26	159	0	0	0	0	123	179	6	41
10-11	0	0	0	4	137	2	0	0	0	174	94	4	35
11-12	0	0	0	0	150	7	0	0	0	272	34	0	39
12-13	0	0	0	0	177	20	1	0	17	187	0	0	34
13-14	0	0	0	0	103	86	1	0	109	116	0	0	35
14-15	0	0	0	0	112	187	3	1	248	51	0	0	50
15-16	0	0	0	0	28	266	20	32	238	6	0	0	49
16-17	0	0	0	0	0	268	174	108	244	0	0	0	66
17-18	0	0	0	0	0	112	279	323	116	0	0	0	70
18-19	0	0	0	0	0	50	264	315	28	0	0	0	56
19-20	0	0	0	0	0	2	148	157	0	0	0	0	26
20-21	0	0	0	0	0	0	69	51	0	0	0	0	10
21-22	0	0	0	0	0	0	32	13	0	0	0	0	4
22-23	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.2.4 Kongedybet, position K2. Temperature distribution. 4-5 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	157	278	127	0	0	0	0	0	0	0	0	64	51
1- 2	143	182	109	4	0	0	0	0	0	0	3	24	38
2- 3	175	256	121	35	0	0	0	0	0	0	3	63	53
3- 4	315	237	318	39	0	0	0	0	0	0	5	95	84
4- 5	79	20	259	111	0	0	0	0	0	0	25	297	67
5- 6	116	18	62	206	0	0	0	0	0	0	79	216	58
6- 7	14	6	4	226	0	0	0	0	0	0	109	168	44
7- 8	1	1	0	239	16	0	0	0	0	2	197	46	41
8- 9	0	2	0	116	152	0	0	0	0	67	250	16	50
9-10	0	0	0	21	153	0	0	0	0	115	187	7	40
10-11	0	0	0	3	142	3	0	0	0	173	104	5	36
11-12	0	0	0	0	141	13	0	0	0	265	38	0	39
12-13	0	0	0	0	180	25	2	0	18	204	0	0	36
13-14	0	0	0	0	93	101	1	1	112	117	0	0	35
14-15	0	0	0	0	101	211	4	4	252	51	0	0	51
15-16	0	0	0	0	22	279	41	35	236	6	0	0	51
16-17	0	0	0	0	0	229	192	115	241	0	0	0	65
17-18	0	0	0	0	0	99	278	343	118	0	0	0	71
18-19	0	0	0	0	0	39	258	295	24	0	0	0	52
19-20	0	0	0	0	0	1	130	149	0	0	0	0	24
20-21	0	0	0	0	0	0	65	50	0	0	0	0	10
21-22	0	0	0	0	0	0	21	8	0	0	0	0	2
22-23	0	0	0	0	0	0	7	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.2.5 Kongedybet, position K2. Temperature distribution. 5-6 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	135	246	111	0	0	0	0	0	0	0	0	63	45
1- 2	128	182	105	1	0	0	0	0	0	0	3	21	36
2- 3	192	259	132	30	0	0	0	0	0	0	3	58	55
3- 4	308	253	327	46	0	0	0	0	0	0	5	83	85
4- 5	93	27	254	117	0	0	0	0	0	0	21	298	68
5- 6	120	18	63	215	0	0	0	0	0	0	78	211	59
6- 7	20	9	7	231	4	0	0	0	0	0	108	175	46
7- 8	3	2	0	237	35	0	0	0	0	1	168	56	41
8- 9	0	3	0	102	163	0	0	0	0	66	258	21	51
9-10	0	0	0	19	161	1	0	0	0	106	199	9	41
10-11	0	0	0	2	138	5	0	0	0	174	114	6	37
11-12	0	0	0	0	148	21	1	0	0	252	43	0	39
12-13	0	0	0	0	175	45	1	1	19	226	0	0	39
13-14	0	0	0	0	74	131	2	1	122	117	0	0	37
14-15	0	0	0	0	86	215	11	8	244	51	0	0	51
15-16	0	0	0	0	17	265	60	33	244	6	0	0	52
16-17	0	0	0	0	0	205	220	133	234	0	0	0	66
17-18	0	0	0	0	0	81	278	356	116	0	0	0	70
18-19	0	0	0	0	0	31	241	281	22	0	0	0	49
19-20	0	0	0	0	0	0	117	144	0	0	0	0	22
20-21	0	0	0	0	0	0	52	37	0	0	0	0	8
21-22	0	0	0	0	0	0	11	5	0	0	0	0	1
22-23	0	0	0	0	0	0	6	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.2.6 Kongedybet, position K2. Temperature distribution. 6-7 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	113	217	89	0	0	0	0	0	0	0	0	59	39
1- 2	117	179	111	1	0	0	0	0	0	0	3	22	35
2- 3	194	257	130	19	0	0	0	0	0	0	3	56	54
3- 4	309	255	336	57	0	0	0	0	0	0	5	65	85
4- 5	109	49	255	124	0	0	0	0	0	0	20	298	72
5- 6	124	24	69	223	0	0	0	0	0	0	74	213	61
6- 7	29	11	10	242	9	0	0	0	0	0	108	174	48
7- 8	5	3	0	234	64	0	0	0	0	1	147	72	43
8- 9	0	4	0	84	180	0	0	0	0	65	246	22	50
9-10	0	0	0	16	163	2	0	0	0	96	210	13	42
10-11	0	0	0	2	145	14	0	0	0	177	139	6	41
11-12	0	0	0	0	133	31	2	1	1	253	46	0	39
12-13	0	0	0	0	165	75	2	1	20	242	0	0	43
13-14	0	0	0	0	63	137	6	3	131	111	0	0	37
14-15	0	0	0	0	65	222	35	9	239	50	0	0	51
15-16	0	0	0	0	13	248	82	40	254	7	0	0	53
16-17	0	0	0	0	0	187	234	157	229	0	0	0	67
17-18	0	0	0	0	0	61	268	355	108	0	0	0	67
18-19	0	0	0	0	0	23	224	279	18	0	0	0	46
19-20	0	0	0	0	0	0	110	129	0	0	0	0	20
20-21	0	0	0	0	0	0	24	24	0	0	0	0	4
21-22	0	0	0	0	0	0	10	3	0	0	0	0	1
22-23	0	0	0	0	0	0	3	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.2.7 Kongedybet, position K2. Temperature distribution. 7-8 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	84	187	72	0	0	0	0	0	0	0	0	53	32
1- 2	108	157	100	0	0	0	0	0	0	0	3	23	32
2- 3	193	256	137	10	0	0	0	0	0	0	3	51	53
3- 4	310	273	316	61	0	0	0	0	0	0	5	56	84
4- 5	113	63	289	140	0	0	0	0	0	0	21	285	76
5- 6	146	40	73	232	4	0	0	0	0	0	71	207	65
6- 7	36	14	13	245	15	0	0	0	0	0	105	181	51
7- 8	9	5	0	228	96	0	0	0	0	1	116	96	46
8- 9	1	5	0	71	221	1	0	0	0	60	232	25	51
9-10	0	0	0	12	144	6	0	0	0	91	224	17	41
10-11	0	0	0	2	142	30	0	1	0	169	172	7	44
11-12	0	0	0	0	123	60	4	1	4	266	49	0	43
12-13	0	0	0	0	137	92	9	1	22	252	0	0	43
13-14	0	0	0	0	60	157	13	8	139	107	0	0	40
14-15	0	0	0	0	50	220	56	10	239	46	0	0	52
15-16	0	0	0	0	7	233	104	54	257	7	0	0	55
16-17	0	0	0	0	0	147	254	182	222	0	0	0	67
17-18	0	0	0	0	0	43	257	364	102	0	0	0	65
18-19	0	0	0	0	0	12	217	260	15	0	0	0	43
19-20	0	0	0	0	0	0	70	109	0	0	0	0	15
20-21	0	0	0	0	0	0	11	8	0	0	0	0	2
21-22	0	0	0	0	0	0	6	2	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.2.8 Kongedybet, position K2. Temperature distribution. 8-9 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	58	159	55	0	0	0	0	0	0	0	0	48	26
1- 2	79	123	66	0	0	0	0	0	0	0	3	18	24
2- 3	186	250	142	4	0	0	0	0	0	0	3	46	52
3- 4	310	293	278	48	0	0	0	0	0	0	5	52	81
4- 5	136	80	345	176	0	0	0	0	0	0	20	272	86
5- 6	158	57	93	236	6	0	0	0	0	0	68	187	67
6- 7	56	24	21	277	31	0	0	0	0	0	100	186	58
7- 8	15	8	0	183	186	1	0	0	0	1	80	131	51
8- 9	1	6	0	68	222	1	0	0	0	51	199	33	49
9-10	0	0	0	7	143	31	0	0	0	89	247	18	45
10-11	0	0	0	1	103	53	5	2	0	164	216	9	46
11-12	0	0	0	0	157	86	8	1	10	272	57	0	50
12-13	0	0	0	0	72	140	15	6	29	264	1	0	44
13-14	0	0	0	0	39	191	37	8	171	110	0	0	46
14-15	0	0	0	0	39	191	87	26	218	42	0	0	50
15-16	0	0	0	0	2	206	156	81	253	8	0	0	59
16-17	0	0	0	0	0	70	262	233	217	0	0	0	66
17-18	0	0	0	0	0	24	234	369	98	0	0	0	61
18-19	0	0	0	0	0	6	172	207	5	0	0	0	33
19-20	0	0	0	0	0	0	17	67	0	0	0	0	7
20-21	0	0	0	0	0	0	7	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.2.9 Kongedybet, position K2. Near-bottom temperature distribution. 9-10 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	54	145	44	0	0	0	0	0	0	0	0	45	23
1- 2	45	75	39	0	0	0	0	0	0	0	3	10	14
2- 3	142	224	118	9	0	0	0	0	0	0	3	41	44
3- 4	303	297	241	13	0	0	0	0	0	0	5	46	75
4- 5	170	111	389	220	0	0	0	0	0	0	20	267	98
5- 6	173	75	126	253	8	0	0	0	0	0	63	151	71
6- 7	84	49	41	288	87	0	0	0	0	0	94	188	69
7- 8	28	14	2	148	263	2	0	0	0	1	54	155	56
8- 9	2	9	0	61	199	7	0	0	0	48	138	60	44
9-10	0	0	0	7	144	72	0	0	0	71	262	24	48
10-11	0	0	0	1	97	92	8	3	0	159	282	14	55
11-12	0	0	0	0	122	130	26	5	21	291	72	0	56
12-13	0	0	0	0	33	190	25	8	49	258	3	0	47
13-14	0	0	0	0	29	190	59	25	164	135	0	0	50
14-15	0	0	0	0	19	129	144	47	238	28	0	0	50
15-16	0	0	0	0	0	126	180	131	228	9	0	0	56
16-17	0	0	0	0	0	43	313	283	225	0	0	0	73
17-18	0	0	0	0	0	18	168	329	75	0	0	0	50
18-19	0	0	0	0	0	1	65	148	0	0	0	0	18
19-20	0	0	0	0	0	0	9	22	0	0	0	0	3
20-21	0	0	0	0	0	0	2	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.2.10 Kongedybet, position K2. Bottom temperature distribution. 10-11.1 m depth.

A.5.3 Position K3

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	247	346	169	0	0	0	0	0	0	0	0	73	68
1- 2	116	182	85	11	0	0	0	0	0	0	3	43	36
2- 3	194	278	142	27	0	0	0	0	0	0	3	79	59
3- 4	278	169	272	33	0	0	0	0	0	0	5	100	71
4- 5	69	14	260	114	0	0	0	0	0	0	38	297	67
5- 6	92	8	68	177	0	0	0	0	0	0	86	233	56
6- 7	4	1	4	241	0	0	0	0	0	0	168	134	46
7- 8	0	1	0	194	9	0	0	0	0	12	278	32	43
8- 9	0	0	0	136	67	0	0	0	0	76	164	5	37
9-10	0	0	0	55	175	0	0	0	0	138	171	5	46
10-11	0	0	0	11	118	1	0	0	0	193	53	0	32
11-12	0	0	0	0	180	9	0	0	0	250	29	0	40
12-13	0	0	0	0	168	9	0	0	19	165	1	0	31
13-14	0	0	0	0	117	66	0	0	130	113	0	0	36
14-15	0	0	0	0	122	155	0	1	233	42	0	0	46
15-16	0	0	0	0	44	212	14	39	266	12	0	0	49
16-17	0	0	0	0	1	354	141	97	223	0	0	0	68
17-18	0	0	0	0	0	118	259	308	106	0	0	0	67
18-19	0	0	0	0	0	63	244	322	23	0	0	0	55
19-20	0	0	0	0	0	13	197	159	0	0	0	0	31
20-21	0	0	0	0	0	0	65	52	0	0	0	0	10
21-22	0	0	0	0	0	0	65	21	0	0	0	0	7
22-23	0	0	0	0	0	0	14	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.3.1 Kongedybet, position K3. Surface temperature distribution. 0-2 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	234	331	164	0	0	0	0	0	0	0	0	68	65
1- 2	125	185	90	8	0	0	0	0	0	0	3	40	37
2- 3	187	279	128	30	0	0	0	0	0	0	3	75	57
3- 4	284	176	282	35	0	0	0	0	0	0	5	99	73
4- 5	67	16	267	113	0	0	0	0	0	0	34	298	67
5- 6	99	9	65	176	0	0	0	0	0	0	82	230	55
6- 7	4	2	4	236	0	0	0	0	0	0	138	143	44
7- 8	0	1	0	203	10	0	0	0	0	10	289	33	45
8- 9	0	1	0	144	69	0	0	0	0	71	175	4	38
9-10	0	0	0	46	182	0	0	0	0	136	172	6	45
10-11	0	0	0	7	114	1	0	0	0	178	63	2	31
11-12	0	0	0	0	181	9	0	0	0	264	34	0	41
12-13	0	0	0	0	167	8	0	0	17	170	2	0	31
13-14	0	0	0	0	113	70	0	0	109	112	0	0	34
14-15	0	0	0	0	125	158	1	0	241	46	0	0	47
15-16	0	0	0	0	39	213	11	32	260	13	0	0	47
16-17	0	0	0	0	0	355	142	97	232	0	0	0	69
17-18	0	0	0	0	0	110	261	301	111	0	0	0	66
18-19	0	0	0	0	0	66	242	325	30	0	0	0	56
19-20	0	0	0	0	0	11	212	172	0	0	0	0	33
20-21	0	0	0	0	0	0	53	53	0	0	0	0	9
21-22	0	0	0	0	0	0	66	19	0	0	0	0	7
22-23	0	0	0	0	0	0	11	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.3.2 Kongedybet, position K3. Temperature distribution. 2-3 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	202	314	157	0	0	0	0	0	0	0	0	67	60
1- 2	140	187	95	7	0	0	0	0	0	0	3	35	38
2- 3	191	261	120	33	0	0	0	0	0	0	3	71	56
3- 4	290	199	299	35	0	0	0	0	0	0	5	102	77
4- 5	65	18	260	112	0	0	0	0	0	0	34	290	66
5- 6	106	13	66	182	0	0	0	0	0	0	78	229	56
6- 7	6	4	4	240	0	0	0	0	0	0	125	149	44
7- 8	0	1	0	206	9	0	0	0	0	8	269	39	44
8- 9	0	2	0	142	91	0	0	0	0	72	191	8	42
9-10	0	0	0	38	174	0	0	0	0	125	176	6	43
10-11	0	0	0	5	123	1	0	0	0	180	82	4	33
11-12	0	0	0	0	169	8	0	0	0	265	34	0	40
12-13	0	0	0	0	168	9	0	0	17	181	1	0	32
13-14	0	0	0	0	110	76	2	0	109	112	0	0	34
14-15	0	0	0	0	119	169	2	1	242	51	0	0	48
15-16	0	0	0	0	36	240	12	36	254	7	0	0	48
16-17	0	0	0	0	0	325	154	99	237	0	0	0	68
17-18	0	0	0	0	0	101	261	301	111	0	0	0	65
18-19	0	0	0	0	0	64	261	328	30	0	0	0	58
19-20	0	0	0	0	0	6	183	171	0	0	0	0	31
20-21	0	0	0	0	0	0	63	48	0	0	0	0	9
21-22	0	0	0	0	0	0	52	16	0	0	0	0	6
22-23	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.3.3 Kongedybet, position K3. Temperature distribution. 3-4 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	176	299	144	0	0	0	0	0	0	0	0	65	56
1- 2	137	182	103	5	0	0	0	0	0	0	3	27	37
2- 3	188	259	119	33	0	0	0	0	0	0	3	73	55
3- 4	306	216	306	37	0	0	0	0	0	0	5	97	80
4- 5	69	21	259	107	0	0	0	0	0	0	33	293	66
5- 6	111	16	66	198	0	0	0	0	0	0	75	216	57
6- 7	12	4	4	231	0	0	0	0	0	0	115	161	44
7- 8	0	1	0	230	9	0	0	0	0	6	219	45	42
8- 9	0	2	0	124	115	0	0	0	0	69	233	12	46
9-10	0	0	0	32	169	0	0	0	0	124	182	7	43
10-11	0	0	0	4	143	2	0	0	0	177	99	4	36
11-12	0	0	0	0	143	8	0	0	0	264	33	0	38
12-13	0	0	0	0	173	14	1	0	17	191	0	0	34
13-14	0	0	0	0	101	92	1	1	120	112	0	0	36
14-15	0	0	0	0	116	182	3	1	241	51	0	0	49
15-16	0	0	0	0	31	265	26	37	240	6	0	0	50
16-17	0	0	0	0	0	278	170	106	244	0	0	0	66
17-18	0	0	0	0	0	104	272	324	111	0	0	0	68
18-19	0	0	0	0	0	52	254	314	27	0	0	0	55
19-20	0	0	0	0	0	3	160	160	0	0	0	0	27
20-21	0	0	0	0	0	0	71	45	0	0	0	0	10
21-22	0	0	0	0	0	0	33	13	0	0	0	0	4
22-23	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.3.4 Kongedybet, position K3. Temperature distribution. 4-5 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	153	278	122	0	0	0	0	0	0	0	0	65	50
1- 2	136	184	113	2	0	0	0	0	0	0	3	26	38
2- 3	189	253	120	34	0	0	0	0	0	0	3	65	54
3- 4	308	236	315	41	0	0	0	0	0	0	5	95	83
4- 5	83	20	258	109	0	0	0	0	0	0	34	293	67
5- 6	115	18	68	201	0	0	0	0	0	0	72	214	58
6- 7	16	8	4	231	0	0	0	0	0	0	107	164	44
7- 8	1	1	0	240	17	0	0	0	0	6	192	49	42
8- 9	0	2	0	115	147	0	0	0	0	65	250	18	50
9-10	0	0	0	23	155	0	0	0	0	120	190	6	41
10-11	0	0	0	3	150	3	0	0	0	174	111	5	37
11-12	0	0	0	0	133	13	1	0	0	262	35	0	38
12-13	0	0	0	0	177	26	1	0	18	203	0	0	36
13-14	0	0	0	0	92	100	2	1	130	114	0	0	37
14-15	0	0	0	0	107	207	4	5	237	51	0	0	51
15-16	0	0	0	0	22	280	50	35	239	6	0	0	52
16-17	0	0	0	0	0	238	191	117	240	0	0	0	65
17-18	0	0	0	0	0	92	267	345	113	0	0	0	69
18-19	0	0	0	0	0	38	257	294	23	0	0	0	52
19-20	0	0	0	0	0	2	129	153	0	0	0	0	24
20-21	0	0	0	0	0	0	70	42	0	0	0	0	9
21-22	0	0	0	0	0	0	20	8	0	0	0	0	2
22-23	0	0	0	0	0	0	8	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.3.5 Kongedybet, position K3. Temperature distribution. 5-6 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	131	249	102	0	0	0	0	0	0	0	0	64	44
1- 2	127	182	112	1	0	0	0	0	0	0	3	22	37
2- 3	193	246	136	26	0	0	0	0	0	0	3	63	55
3- 4	307	256	316	48	0	0	0	0	0	0	5	81	84
4- 5	97	32	258	115	0	0	0	0	0	0	31	291	69
5- 6	120	19	68	211	0	0	0	0	0	0	72	212	59
6- 7	23	11	8	241	3	0	0	0	0	0	102	170	46
7- 8	3	3	0	236	40	0	0	0	0	6	158	63	42
8- 9	0	3	0	99	165	0	0	0	0	65	255	19	50
9-10	0	0	0	21	157	1	0	0	0	110	206	10	42
10-11	0	0	0	2	145	8	0	0	0	172	126	6	39
11-12	0	0	0	0	141	20	1	0	0	257	39	0	39
12-13	0	0	0	0	165	47	1	1	21	221	0	0	38
13-14	0	0	0	0	81	138	3	1	140	113	0	0	39
14-15	0	0	0	0	85	209	16	10	232	50	0	0	50
15-16	0	0	0	0	17	274	72	35	243	6	0	0	53
16-17	0	0	0	0	1	201	219	143	233	0	0	0	66
17-18	0	0	0	0	0	73	278	353	114	0	0	0	69
18-19	0	0	0	0	0	29	227	279	18	0	0	0	47
19-20	0	0	0	0	0	1	116	139	0	0	0	0	22
20-21	0	0	0	0	0	0	51	35	0	0	0	0	7
21-22	0	0	0	0	0	0	11	4	0	0	0	0	1
22-23	0	0	0	0	0	0	6	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.3.6 Kongedybet, position K3. Temperature distribution. 6-7 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	110	219	86	0	0	0	0	0	0	0	0	60	39
1- 2	119	174	108	0	0	0	0	0	0	0	3	22	35
2- 3	199	252	135	18	0	0	0	0	0	0	3	56	54
3- 4	306	259	313	53	0	0	0	0	0	0	5	75	84
4- 5	101	51	276	125	0	0	0	0	0	0	31	289	73
5- 6	128	25	72	223	2	0	0	0	0	0	67	211	61
6- 7	31	13	10	251	9	0	0	0	0	0	103	169	49
7- 8	5	4	0	219	67	0	0	0	0	5	143	78	43
8- 9	0	4	0	90	178	0	0	0	0	63	239	20	50
9-10	0	0	0	18	168	4	0	0	0	98	212	14	43
10-11	0	0	0	2	143	16	0	0	0	180	149	7	42
11-12	0	0	0	0	138	29	2	1	1	253	44	0	40
12-13	0	0	0	0	149	80	3	0	20	240	0	0	42
13-14	0	0	0	0	66	154	10	2	147	104	0	0	40
14-15	0	0	0	0	66	208	37	10	230	49	0	0	50
15-16	0	0	0	0	13	248	87	46	251	7	0	0	54
16-17	0	0	0	0	1	178	236	162	228	0	0	0	67
17-18	0	0	0	0	0	61	269	352	107	0	0	0	66
18-19	0	0	0	0	0	22	211	268	17	0	0	0	44
19-20	0	0	0	0	0	0	108	130	0	0	0	0	20
20-21	0	0	0	0	0	0	26	24	0	0	0	0	4
21-22	0	0	0	0	0	0	8	4	0	0	0	0	1
22-23	0	0	0	0	0	0	4	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.3.7 Kongedybet, position K3. Temperature distribution. 7-8 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	87	189	72	0	0	0	0	0	0	0	0	55	33
1- 2	106	158	102	0	0	0	0	0	0	0	3	25	32
2- 3	201	255	133	10	0	0	0	0	0	0	3	47	53
3- 4	315	274	308	59	0	0	0	0	0	0	5	68	85
4- 5	108	61	298	140	0	0	0	0	0	0	30	289	78
5- 6	137	39	75	230	4	0	0	0	0	0	65	198	62
6- 7	37	15	12	255	15	0	0	0	0	0	101	182	51
7- 8	8	5	0	212	89	0	0	0	0	5	120	92	44
8- 9	1	4	0	76	221	1	0	0	0	59	230	21	51
9-10	0	0	0	15	158	8	0	0	0	96	222	16	43
10-11	0	0	0	2	133	26	0	0	0	170	174	7	43
11-12	0	0	0	0	136	53	3	1	3	263	46	0	43
12-13	0	0	0	0	122	94	7	1	25	253	1	0	42
13-14	0	0	0	0	62	170	15	6	147	97	0	0	41
14-15	0	0	0	0	50	203	51	13	233	49	0	0	50
15-16	0	0	0	0	9	236	104	52	256	7	0	0	55
16-17	0	0	0	0	0	145	254	178	217	0	0	0	66
17-18	0	0	0	0	0	45	257	366	104	0	0	0	65
18-19	0	0	0	0	0	18	213	250	15	0	0	0	42
19-20	0	0	0	0	0	0	74	115	0	0	0	0	16
20-21	0	0	0	0	0	0	16	15	0	0	0	0	3
21-22	0	0	0	0	0	0	5	2	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.3.8 Kongedybet, position K3. Temperature distribution. 8-9 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	62	168	56	0	0	0	0	0	0	0	0	49	27
1- 2	88	119	67	0	0	0	0	0	0	0	3	22	25
2- 3	181	259	145	5	0	0	0	0	0	0	3	45	52
3- 4	333	287	282	47	0	0	0	0	0	0	5	63	84
4- 5	122	77	340	173	0	0	0	0	0	0	27	274	85
5- 6	145	57	94	234	6	0	0	0	0	0	65	192	66
6- 7	55	23	16	271	29	0	0	0	0	0	97	184	56
7- 8	13	6	0	186	164	1	0	0	0	2	99	118	49
8- 9	1	5	0	69	227	1	0	0	0	57	203	26	49
9-10	0	0	0	13	147	26	0	0	0	93	232	16	44
10-11	0	0	0	2	104	50	5	2	0	165	211	10	46
11-12	0	0	0	0	145	77	6	1	7	265	54	0	47
12-13	0	0	0	0	93	143	15	3	29	264	1	0	46
13-14	0	0	0	0	40	177	34	9	171	104	0	0	44
14-15	0	0	0	0	38	205	87	23	217	42	0	0	51
15-16	0	0	0	0	7	193	150	80	256	8	0	0	58
16-17	0	0	0	0	0	88	255	221	214	0	0	0	65
17-18	0	0	0	0	0	28	232	370	103	0	0	0	62
18-19	0	0	0	0	0	11	183	210	3	0	0	0	34
19-20	0	0	0	0	0	0	22	76	0	0	0	0	8
20-21	0	0	0	0	0	0	11	3	0	0	0	0	1
21-22	0	0	0	0	0	0	1	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.3.9 Kongedybet, position K3. Near-bottom temperature distribution. 9-10 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	58	150	46	0	0	0	0	0	0	0	0	47	24
1- 2	51	78	38	0	0	0	0	0	0	0	3	13	15
2- 3	149	234	120	9	0	0	0	0	0	0	3	45	46
3- 4	314	285	242	19	0	0	0	0	0	0	5	60	76
4- 5	160	113	379	215	0	0	0	0	0	0	27	259	96
5- 6	168	74	137	231	7	0	0	0	0	0	63	154	69
6- 7	75	46	38	306	84	0	0	0	0	0	91	181	68
7- 8	24	12	1	147	253	3	0	0	0	2	60	162	56
8- 9	2	8	0	61	211	6	0	0	0	49	158	44	45
9-10	0	0	0	10	143	63	0	0	0	79	250	22	47
10-11	0	0	0	2	83	88	8	3	0	159	263	14	52
11-12	0	0	0	0	123	119	26	5	18	286	72	0	54
12-13	0	0	0	0	45	199	25	14	50	263	4	0	50
13-14	0	0	0	0	29	191	48	19	161	124	0	0	48
14-15	0	0	0	0	19	128	137	36	232	29	0	0	48
15-16	0	0	0	0	4	134	177	131	250	9	0	0	59
16-17	0	0	0	0	0	41	305	293	207	0	0	0	71
17-18	0	0	0	0	0	23	175	328	82	0	0	0	51
18-19	0	0	0	0	0	6	81	139	0	0	0	0	19
19-20	0	0	0	0	0	0	12	32	0	0	0	0	4
20-21	0	0	0	0	0	0	6	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.3.10 Kongedybet, position K3. Bottom temperature distribution. 10-11.1 m depth.

A.5.4 Position K4

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	254	353	173	0	0	0	0	0	0	0	0	73	70
1- 2	112	173	81	14	0	0	0	0	0	0	2	47	35
2- 3	186	291	150	24	0	0	0	0	0	0	4	72	60
3- 4	284	163	267	34	0	0	0	0	0	0	6	101	71
4- 5	73	15	259	119	0	0	0	0	0	0	34	297	67
5- 6	89	3	66	178	0	0	0	0	0	0	83	236	55
6- 7	2	1	3	245	0	0	0	0	0	0	187	136	48
7- 8	0	1	0	195	11	0	0	0	0	8	273	30	43
8- 9	0	0	0	125	72	0	0	0	0	76	158	4	36
9-10	0	0	0	54	170	0	0	0	0	136	169	3	44
10-11	0	0	0	11	118	0	0	0	0	184	55	1	31
11-12	0	0	0	0	189	8	0	0	0	258	27	0	41
12-13	0	0	0	0	164	12	0	0	18	172	3	0	31
13-14	0	0	0	0	119	71	0	0	131	109	0	0	36
14-15	0	0	0	0	122	154	1	1	235	46	0	0	46
15-16	0	0	0	0	35	213	11	33	261	13	0	0	47
16-17	0	0	0	0	1	355	151	105	225	0	0	0	69
17-18	0	0	0	0	0	110	260	318	106	0	0	0	67
18-19	0	0	0	0	0	65	246	325	24	0	0	0	56
19-20	0	0	0	0	0	11	189	144	0	0	0	0	29
20-21	0	0	0	0	0	0	66	53	0	0	0	0	10
21-22	0	0	0	0	0	0	63	21	0	0	0	0	7
22-23	0	0	0	0	0	0	11	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.4.1 Kongedybet, position K4. Surface temperature distribution. 0-2 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	246	339	168	0	0	0	0	0	0	0	0	67	67
1- 2	116	180	86	11	0	0	0	0	0	0	2	45	36
2- 3	182	291	149	28	0	0	0	0	0	0	4	71	59
3- 4	291	167	265	39	0	0	0	0	0	0	6	103	73
4- 5	66	16	266	116	0	0	0	0	0	0	33	289	66
5- 6	96	5	63	179	0	0	0	0	0	0	80	238	55
6- 7	3	1	3	240	0	0	0	0	0	0	164	145	46
7- 8	0	1	0	202	12	0	0	0	0	6	280	31	44
8- 9	0	0	0	130	72	0	0	0	0	70	167	7	37
9-10	0	0	0	47	177	0	0	0	0	138	171	3	45
10-11	0	0	0	8	114	0	0	0	0	168	57	2	29
11-12	0	0	0	0	185	9	0	0	0	269	35	0	42
12-13	0	0	0	0	170	10	0	0	17	176	2	0	32
13-14	0	0	0	0	116	74	0	0	107	113	0	0	34
14-15	0	0	0	0	124	157	1	1	248	46	0	0	48
15-16	0	0	0	0	31	212	9	28	257	14	0	0	45
16-17	0	0	0	0	0	359	148	104	232	0	0	0	70
17-18	0	0	0	0	0	104	264	310	111	0	0	0	66
18-19	0	0	0	0	0	64	242	329	27	0	0	0	56
19-20	0	0	0	0	0	10	204	153	0	0	0	0	31
20-21	0	0	0	0	0	0	56	53	0	0	0	0	9
21-22	0	0	0	0	0	0	65	23	0	0	0	0	8
22-23	0	0	0	0	0	0	10	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.4.2 Kongedybet, position K4. Temperature distribution. 2-3 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	211	316	163	0	0	0	0	0	0	0	0	65	62
1- 2	140	186	90	7	0	0	0	0	0	0	2	37	38
2- 3	181	277	131	32	0	0	0	0	0	0	4	65	56
3- 4	295	187	285	36	0	0	0	0	0	0	6	107	76
4- 5	66	21	263	119	0	0	0	0	0	0	31	287	66
5- 6	102	9	64	184	0	0	0	0	0	0	78	234	56
6- 7	5	3	3	236	0	0	0	0	0	0	129	156	44
7- 8	0	1	0	211	10	0	0	0	0	6	283	35	45
8- 9	0	1	0	137	93	0	0	0	0	68	186	6	41
9-10	0	0	0	34	167	0	0	0	0	133	174	6	43
10-11	0	0	0	4	126	0	0	0	0	159	69	3	31
11-12	0	0	0	0	176	9	0	0	0	279	37	0	42
12-13	0	0	0	0	169	10	0	0	17	183	2	0	32
13-14	0	0	0	0	109	80	2	0	102	114	0	0	34
14-15	0	0	0	0	120	168	3	0	249	49	0	0	49
15-16	0	0	0	0	29	234	10	31	260	8	0	0	47
16-17	0	0	0	0	0	340	158	107	232	0	0	0	69
17-18	0	0	0	0	0	92	261	310	109	0	0	0	65
18-19	0	0	0	0	0	63	258	330	30	0	0	0	58
19-20	0	0	0	0	0	5	184	157	0	0	0	0	29
20-21	0	0	0	0	0	0	65	49	0	0	0	0	10
21-22	0	0	0	0	0	0	50	16	0	0	0	0	6
22-23	0	0	0	0	0	0	10	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.4.3 Kongedybet, position K4. Temperature distribution. 3-4 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	175	299	147	0	0	0	0	0	0	0	0	63	56
1- 2	147	181	101	5	0	0	0	0	0	0	2	26	38
2- 3	181	269	126	33	0	0	0	0	0	0	3	70	56
3- 4	311	207	306	37	0	0	0	0	0	0	6	104	81
4- 5	67	20	255	117	0	0	0	0	0	0	30	287	65
5- 6	110	16	62	192	0	0	0	0	0	0	76	225	57
6- 7	9	5	3	236	0	0	0	0	0	0	121	163	45
7- 8	0	1	0	226	13	0	0	0	0	6	235	40	43
8- 9	0	1	0	123	115	0	0	0	0	64	219	12	44
9-10	0	0	0	28	159	0	0	0	0	126	181	6	42
10-11	0	0	0	3	143	2	0	0	0	161	90	3	34
11-12	0	0	0	0	155	8	0	0	0	281	36	0	41
12-13	0	0	0	0	170	13	1	0	17	191	0	0	33
13-14	0	0	0	0	112	93	1	0	109	116	0	0	36
14-15	0	0	0	0	108	178	3	1	250	51	0	0	49
15-16	0	0	0	0	25	269	19	38	245	6	0	0	50
16-17	0	0	0	0	0	293	171	107	243	0	0	0	68
17-18	0	0	0	0	0	91	280	310	106	0	0	0	66
18-19	0	0	0	0	0	52	246	334	29	0	0	0	56
19-20	0	0	0	0	0	3	168	153	0	0	0	0	27
20-21	0	0	0	0	0	0	67	43	0	0	0	0	9
21-22	0	0	0	0	0	0	34	13	0	0	0	0	4
22-23	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.4.4 Kongedybet, position K4. Temperature distribution. 4-5 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	153	279	129	0	0	0	0	0	0	0	0	62	51
1- 2	137	183	109	4	0	0	0	0	0	0	2	22	37
2- 3	191	268	127	32	0	0	0	0	0	0	3	63	56
3- 4	314	218	312	41	0	0	0	0	0	0	6	106	83
4- 5	79	23	256	115	0	0	0	0	0	0	30	285	66
5- 6	112	18	62	199	0	0	0	0	0	0	73	217	57
6- 7	14	8	4	239	0	0	0	0	0	0	114	176	46
7- 8	0	2	0	240	20	0	0	0	0	6	194	41	42
8- 9	0	1	0	104	138	0	0	0	0	62	243	18	47
9-10	0	0	0	24	156	0	0	0	0	119	193	6	42
10-11	0	0	0	3	144	3	0	0	0	158	105	4	35
11-12	0	0	0	0	151	9	1	0	0	277	37	0	40
12-13	0	0	0	0	171	20	1	1	18	206	0	0	35
13-14	0	0	0	0	104	104	1	1	120	115	0	0	37
14-15	0	0	0	0	99	214	5	5	245	51	0	0	51
15-16	0	0	0	0	18	265	41	32	233	5	0	0	49
16-17	0	0	0	0	0	259	188	118	252	0	0	0	68
17-18	0	0	0	0	0	86	282	335	109	0	0	0	68
18-19	0	0	0	0	0	37	242	315	23	0	0	0	52
19-20	0	0	0	0	0	2	151	143	0	0	0	0	25
20-21	0	0	0	0	0	0	61	43	0	0	0	0	9
21-22	0	0	0	0	0	0	21	9	0	0	0	0	3
22-23	0	0	0	0	0	0	7	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.4.5 Kongedybet, position K4. Temperature distribution. 5-6 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	129	258	112	0	0	0	0	0	0	0	0	62	46
1- 2	137	180	108	2	0	0	0	0	0	0	3	20	37
2- 3	193	259	135	24	0	0	0	0	0	0	3	58	55
3- 4	314	240	323	50	0	0	0	0	0	0	6	97	85
4- 5	91	30	253	116	0	0	0	0	0	0	31	294	69
5- 6	115	19	64	209	0	0	0	0	0	0	73	211	58
6- 7	20	10	5	248	2	0	0	0	0	0	102	177	47
7- 8	1	3	0	237	33	0	0	0	0	6	161	49	40
8- 9	0	2	0	91	157	0	0	0	0	63	268	20	50
9-10	0	0	0	21	161	1	0	0	0	112	193	8	42
10-11	0	0	0	3	142	4	0	0	0	161	120	4	36
11-12	0	0	0	0	157	17	1	0	0	268	40	0	41
12-13	0	0	0	0	160	33	1	1	21	221	0	0	37
13-14	0	0	0	0	93	130	2	1	122	113	0	0	38
14-15	0	0	0	0	80	235	16	8	245	51	0	0	53
15-16	0	0	0	0	14	253	56	30	239	5	0	0	49
16-17	0	0	0	0	0	225	221	137	244	0	0	0	69
17-18	0	0	0	0	0	69	269	345	110	0	0	0	67
18-19	0	0	0	0	0	31	239	294	18	0	0	0	49
19-20	0	0	0	0	0	1	125	143	0	0	0	0	23
20-21	0	0	0	0	0	0	51	38	0	0	0	0	8
21-22	0	0	0	0	0	0	12	4	0	0	0	0	1
22-23	0	0	0	0	0	0	5	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.4.6 Kongedybet, position K4. Temperature distribution. 6-7 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	108	234	90	0	0	0	0	0	0	0	0	59	40
1- 2	130	181	112	1	0	0	0	0	0	0	3	19	36
2- 3	198	248	136	20	0	0	0	0	0	0	3	53	54
3- 4	320	250	325	53	0	0	0	0	0	0	6	87	86
4- 5	92	47	264	125	0	0	0	0	0	0	31	296	72
5- 6	127	23	65	217	0	0	0	0	0	0	72	211	60
6- 7	23	12	8	255	9	0	0	0	0	0	99	181	49
7- 8	2	4	0	225	50	0	0	0	0	6	135	59	40
8- 9	0	2	0	84	182	0	0	0	0	59	266	19	51
9-10	0	0	0	18	158	1	0	0	0	109	208	10	42
10-11	0	0	0	3	148	14	0	0	0	163	137	4	39
11-12	0	0	0	0	163	22	2	1	0	266	41	0	42
12-13	0	0	0	0	139	57	2	1	25	235	0	0	39
13-14	0	0	0	0	74	158	4	3	126	106	0	0	39
14-15	0	0	0	0	66	218	36	8	241	50	0	0	51
15-16	0	0	0	0	11	259	74	35	250	5	0	0	52
16-17	0	0	0	0	0	193	243	157	232	0	0	0	69
17-18	0	0	0	0	0	51	257	350	112	0	0	0	65
18-19	0	0	0	0	0	24	225	277	14	0	0	0	46
19-20	0	0	0	0	0	1	108	136	0	0	0	0	21
20-21	0	0	0	0	0	0	40	30	0	0	0	0	6
21-22	0	0	0	0	0	0	6	3	0	0	0	0	1
22-23	0	0	0	0	0	0	3	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.4.7 Kongedybet, position K4. Near-bottom temperature distribution. 7-8 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0- 1	76	211	71	0	0	0	0	0	0	0	0	55	34
1- 2	110	143	99	0	0	0	0	0	0	0	3	17	30
2- 3	208	254	136	8	0	0	0	0	0	0	3	50	54
3- 4	322	265	301	61	0	0	0	0	0	0	6	78	86
4- 5	109	67	313	138	0	0	0	0	0	0	31	293	80
5- 6	136	41	70	222	0	0	0	0	0	0	71	198	62
6- 7	33	13	9	275	16	0	0	0	0	0	93	191	52
7- 8	6	5	0	204	95	0	0	0	0	6	106	80	42
8- 9	0	2	0	73	233	0	0	0	0	53	253	20	53
9-10	0	0	0	16	145	7	0	0	0	108	226	12	43
10-11	0	0	0	3	126	31	0	0	0	158	167	5	41
11-12	0	0	0	0	156	53	3	2	0	278	41	0	45
12-13	0	0	0	0	109	89	9	3	31	245	0	0	41
13-14	0	0	0	0	55	175	17	6	149	99	0	0	42
14-15	0	0	0	0	56	214	59	14	229	47	0	0	51
15-16	0	0	0	0	9	253	111	51	262	5	0	0	57
16-17	0	0	0	0	0	126	258	180	213	0	0	0	65
17-18	0	0	0	0	0	35	229	365	113	0	0	0	63
18-19	0	0	0	0	0	16	224	244	4	0	0	0	41
19-20	0	0	0	0	0	1	60	111	0	0	0	0	15
20-21	0	0	0	0	0	0	27	22	0	0	0	0	4
21-22	0	0	0	0	0	0	2	2	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.5.4.8 Kongedybet, position K4. Bottom temperature distribution. 8-10.7 m depth.

A.6 Accumulated temperature distribution at Kongedybet.

The accumulated temperature distribution is given in intervals of 1°C, for each month of the year, and for the year on average. Table entries are ‰ of the number of data (NDAT) in each column. All layer depths are shown for each of the four positions K1-K4.

A.6.1 Position K1

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
>-1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>1	746	643	825	1000	1000	1000	1000	1000	1000	1000	1000	926	930
>2	632	468	744	989	1000	1000	1000	1000	1000	1000	1000	883	895
>3	436	182	594	962	1000	1000	1000	1000	1000	1000	996	806	834
>4	156	20	320	928	1000	1000	1000	1000	1000	1000	989	703	763
>5	92	9	65	810	1000	1000	1000	1000	1000	1000	952	405	697
>6	3	2	4	637	1000	1000	1000	1000	1000	1000	867	161	642
>7	0	1	0	396	1000	1000	1000	1000	1000	1000	694	33	596
>8	0	0	0	197	988	1000	1000	1000	1000	990	407	8	552
>9	0	0	0	62	919	1000	1000	1000	1000	920	249	4	516
>10	0	0	0	11	742	1000	1000	1000	1000	774	83	0	470
>11	0	0	0	0	633	1000	1000	1000	1000	584	32	0	440
>12	0	0	0	0	450	991	1000	1000	1000	341	3	0	401
>13	0	0	0	0	283	980	1000	1000	981	172	0	0	369
>14	0	0	0	0	159	914	1000	1000	852	55	0	0	333
>15	0	0	0	0	42	758	1000	997	617	13	0	0	287
>16	0	0	0	0	2	547	991	968	355	0	0	0	240
>17	0	0	0	0	0	201	856	864	128	0	0	0	173
>18	0	0	0	0	0	78	583	556	22	0	0	0	105
>19	0	0	0	0	0	15	333	230	0	0	0	0	49
>20	0	0	0	0	0	0	144	76	0	0	0	0	19
>21	0	0	0	0	0	0	76	20	0	0	0	0	8
>22	0	0	0	0	0	0	14	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.1.1 Kongedybet, position K1. Accumulated Surface temperature distribution. 0-2 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
>-1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>1	754	654	833	1000	1000	1000	1000	1000	1000	1000	1000	929	932
>2	637	476	745	991	1000	1000	1000	1000	1000	1000	1000	889	897
>3	449	185	599	961	1000	1000	1000	1000	1000	1000	996	815	837
>4	164	21	327	923	1000	1000	1000	1000	1000	1000	990	717	765
>5	97	9	63	809	1000	1000	1000	1000	1000	1000	963	423	699
>6	3	2	3	631	1000	1000	1000	1000	1000	1000	876	178	643
>7	0	2	0	396	1000	1000	1000	1000	1000	1000	721	33	598
>8	0	1	0	194	990	1000	1000	1000	1000	997	427	10	554
>9	0	0	0	55	924	1000	1000	1000	1000	925	263	5	517
>10	0	0	0	9	740	1000	1000	1000	1000	786	94	1	472
>11	0	0	0	0	632	1000	1000	1000	1000	615	37	0	443
>12	0	0	0	0	452	992	1000	1000	1000	353	2	0	402
>13	0	0	0	0	281	982	1000	1000	985	182	0	0	371
>14	0	0	0	0	158	910	1000	1000	886	58	0	0	336
>15	0	0	0	0	38	756	1000	999	639	15	0	0	289
>16	0	0	0	0	0	554	992	973	375	0	0	0	243
>17	0	0	0	0	0	198	862	873	142	0	0	0	175
>18	0	0	0	0	0	78	584	579	28	0	0	0	107
>19	0	0	0	0	0	15	342	244	0	0	0	0	51
>20	0	0	0	0	0	0	136	80	0	0	0	0	18
>21	0	0	0	0	0	0	79	21	0	0	0	0	8
>22	0	0	0	0	0	0	11	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.1.2 Kongedybet, position K1. Accumulated Temperature distribution. 2-3 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
>-1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>1	775	665	838	1000	1000	1000	1000	1000	1000	1000	1000	931	935
>2	649	487	746	993	1000	1000	1000	1000	1000	1000	1000	893	899
>3	461	212	615	961	1000	1000	1000	1000	1000	1000	996	822	842
>4	167	24	323	925	1000	1000	1000	1000	1000	1000	990	723	766
>5	103	10	63	810	1000	1000	1000	1000	1000	1000	964	433	701
>6	3	3	3	627	1000	1000	1000	1000	1000	1000	880	191	644
>7	0	3	0	396	1000	1000	1000	1000	1000	1000	742	38	601
>8	0	2	0	182	990	1000	1000	1000	1000	999	455	12	556
>9	0	0	0	46	912	1000	1000	1000	1000	929	282	7	518
>10	0	0	0	5	732	1000	1000	1000	1000	795	102	3	473
>11	0	0	0	0	612	1000	1000	1000	1000	627	39	0	442
>12	0	0	0	0	444	992	1000	1000	1000	357	2	0	401
>13	0	0	0	0	270	982	1000	1000	986	181	0	0	370
>14	0	0	0	0	153	904	1000	1000	892	56	0	0	335
>15	0	0	0	0	32	740	998	1000	642	10	0	0	287
>16	0	0	0	0	0	520	990	973	381	0	0	0	241
>17	0	0	0	0	0	184	851	871	148	0	0	0	173
>18	0	0	0	0	0	73	571	573	31	0	0	0	106
>19	0	0	0	0	0	12	317	240	0	0	0	0	48
>20	0	0	0	0	0	0	129	79	0	0	0	0	18
>21	0	0	0	0	0	0	63	18	0	0	0	0	7
>22	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.1.3 Kongedybet, position K1. Accumulated Temperature distribution. 3-4 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
>-1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>1	802	684	848	1000	1000	1000	1000	1000	1000	1000	1000	934	940
>2	666	514	752	995	1000	1000	1000	1000	1000	1000	1000	900	904
>3	487	238	626	961	1000	1000	1000	1000	1000	1000	995	834	848
>4	174	33	319	923	1000	1000	1000	1000	1000	1000	990	736	768
>5	111	14	62	813	1000	1000	1000	1000	1000	1000	967	443	703
>6	4	6	3	616	1000	1000	1000	1000	1000	1000	884	209	646
>7	1	3	0	394	1000	1000	1000	1000	1000	1000	758	49	603
>8	0	2	0	159	993	1000	1000	1000	1000	1000	495	15	558
>9	0	0	0	30	880	1000	1000	1000	1000	933	291	8	515
>10	0	0	0	5	722	1000	1000	1000	1000	806	110	3	473
>11	0	0	0	0	588	999	1000	1000	1000	640	37	0	441
>12	0	0	0	0	426	992	1000	1000	1000	363	0	0	400
>13	0	0	0	0	248	980	1000	1000	985	179	0	0	367
>14	0	0	0	0	138	894	999	1000	892	56	0	0	333
>15	0	0	0	0	26	711	997	1000	637	6	0	0	283
>16	0	0	0	0	0	469	986	976	394	0	0	0	237
>17	0	0	0	0	0	164	825	861	151	0	0	0	169
>18	0	0	0	0	0	58	542	553	30	0	0	0	100
>19	0	0	0	0	0	5	271	235	0	0	0	0	43
>20	0	0	0	0	0	0	116	71	0	0	0	0	16
>21	0	0	0	0	0	0	41	15	0	0	0	0	5
>22	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.1.4 Kongedybet, position K1. Accumulated Temperature distribution. 4-5 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
>-1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>1	838	715	866	1000	1000	1000	1000	1000	1000	1000	1000	937	947
>2	699	541	763	996	1000	1000	1000	1000	1000	1000	998	913	911
>3	521	273	638	961	1000	1000	1000	1000	1000	1000	995	846	856
>4	198	43	316	923	1000	1000	1000	1000	1000	1000	990	757	772
>5	123	23	63	811	1000	1000	1000	1000	1000	1000	969	459	707
>6	10	8	3	599	1000	1000	1000	1000	1000	1000	888	233	647
>7	1	3	0	389	1000	1000	1000	1000	1000	1000	773	64	605
>8	0	2	0	134	986	1000	1000	1000	1000	1000	552	26	561
>9	0	0	0	23	842	1000	1000	1000	1000	935	315	10	513
>10	0	0	0	2	686	1000	1000	1000	1000	817	131	5	473
>11	0	0	0	0	547	998	1000	1000	1000	653	39	0	439
>12	0	0	0	0	397	989	1000	1000	1000	384	0	0	399
>13	0	0	0	0	213	969	999	1000	986	178	0	0	363
>14	0	0	0	0	118	863	998	999	884	56	0	0	328
>15	0	0	0	0	20	662	994	999	626	6	0	0	277
>16	0	0	0	0	1	390	967	962	397	0	0	0	228
>17	0	0	0	0	0	138	772	850	146	0	0	0	161
>18	0	0	0	0	0	39	493	529	27	0	0	0	92
>19	0	0	0	0	0	1	222	208	0	0	0	0	37
>20	0	0	0	0	0	0	91	61	0	0	0	0	13
>21	0	0	0	0	0	0	27	9	0	0	0	0	3
>22	0	0	0	0	0	0	7	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.1.5 Kongedybet, position K1. Accumulated Temperature distribution. 5-6 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
>-1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>1	864	758	888	1000	1000	1000	1000	1000	1000	1000	1000	937	955
>2	738	574	781	999	1000	1000	1000	1000	1000	1000	998	918	919
>3	552	310	651	968	1000	1000	1000	1000	1000	1000	995	861	864
>4	233	57	319	920	1000	1000	1000	1000	1000	1000	990	784	778
>5	139	31	68	801	1000	1000	1000	1000	1000	1000	971	485	710
>6	19	12	6	587	1000	1000	1000	1000	1000	1000	895	260	651
>7	2	5	0	364	997	1000	1000	1000	1000	1000	783	86	606
>8	0	3	0	113	964	1000	1000	1000	1000	1000	603	37	563
>9	0	0	0	20	807	1000	1000	1000	1000	943	350	14	514
>10	0	0	0	1	643	999	1000	1000	1000	830	153	6	472
>11	0	0	0	0	503	997	1000	1000	1000	660	42	0	436
>12	0	0	0	0	349	979	999	1000	1000	411	0	0	397
>13	0	0	0	0	178	934	998	999	984	180	0	0	357
>14	0	0	0	0	102	813	996	999	869	56	0	0	321
>15	0	0	0	0	13	597	985	992	618	6	0	0	269
>16	0	0	0	0	1	328	934	957	385	0	0	0	219
>17	0	0	0	0	0	112	717	828	131	0	0	0	151
>18	0	0	0	0	0	31	434	483	23	0	0	0	82
>19	0	0	0	0	0	0	185	187	0	0	0	0	32
>20	0	0	0	0	0	0	69	42	0	0	0	0	9
>21	0	0	0	0	0	0	17	6	0	0	0	0	2
>22	0	0	0	0	0	0	4	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.1.6 Kongedybet, position K1. Accumulated Temperature distribution. 6-7 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
>-1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>1	893	784	910	1000	1000	1000	1000	1000	1000	1000	1000	941	962
>2	769	606	794	999	1000	1000	1000	1000	1000	1000	998	922	926
>3	585	347	666	978	1000	1000	1000	1000	1000	1000	995	870	873
>4	264	83	324	923	1000	1000	1000	1000	1000	1000	990	811	786
>5	159	39	76	798	1000	1000	1000	1000	1000	1000	971	510	715
>6	31	18	10	570	1000	1000	1000	1000	1000	1000	897	289	654
>7	4	7	0	338	991	1000	1000	1000	1000	1000	789	112	606
>8	0	4	0	96	929	1000	1000	1000	1000	1000	639	44	562
>9	0	0	0	17	753	1000	1000	1000	1000	945	381	19	512
>10	0	0	0	0	590	998	1000	1000	1000	842	186	7	471
>11	0	0	0	0	436	988	1000	1000	1000	671	44	0	431
>12	0	0	0	0	300	960	999	999	1000	417	0	0	391
>13	0	0	0	0	142	887	997	999	983	179	0	0	350
>14	0	0	0	0	75	750	992	997	857	55	0	0	312
>15	0	0	0	0	9	529	962	988	611	7	0	0	260
>16	0	0	0	0	0	277	885	949	366	0	0	0	208
>17	0	0	0	0	0	86	649	794	127	0	0	0	140
>18	0	0	0	0	0	20	389	435	20	0	0	0	73
>19	0	0	0	0	0	0	144	155	0	0	0	0	25
>20	0	0	0	0	0	0	37	24	0	0	0	0	5
>21	0	0	0	0	0	0	13	3	0	0	0	0	1
>22	0	0	0	0	0	0	2	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.1.7 Kongedybet, position K1. Accumulated Temperature distribution. 7-8 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
>-1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>1	922	816	932	1000	1000	1000	1000	1000	1000	1000	1000	949	969
>2	806	659	827	1000	1000	1000	1000	1000	1000	1000	998	928	936
>3	627	395	692	988	1000	1000	1000	1000	1000	1000	995	877	884
>4	311	125	357	928	1000	1000	1000	1000	1000	1000	990	835	798
>5	190	57	85	790	1000	1000	1000	1000	1000	1000	971	547	722
>6	48	23	14	555	997	1000	1000	1000	1000	1000	900	326	658
>7	9	9	0	308	981	1000	1000	1000	1000	1000	796	142	606
>8	1	6	0	78	888	1000	1000	1000	1000	1000	682	51	561
>9	0	0	0	10	670	1000	1000	1000	1000	947	440	23	510
>10	0	0	0	0	515	993	1000	1000	1000	855	217	8	468
>11	0	0	0	0	379	970	1000	999	1000	692	50	0	427
>12	0	0	0	0	249	910	996	998	996	422	0	0	383
>13	0	0	0	0	112	821	989	998	976	174	0	0	340
>14	0	0	0	0	57	680	975	991	836	52	0	0	301
>15	0	0	0	0	6	448	924	980	597	8	0	0	249
>16	0	0	0	0	0	206	826	928	346	0	0	0	194
>17	0	0	0	0	0	45	571	748	115	0	0	0	125
>18	0	0	0	0	0	9	309	374	16	0	0	0	60
>19	0	0	0	0	0	0	87	117	0	0	0	0	17
>20	0	0	0	0	0	0	14	11	0	0	0	0	2
>21	0	0	0	0	0	0	4	2	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.1.8 Kongedybet, position K1. Accumulated Temperature distribution. 8-9 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
>-1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>1	946	850	949	1000	1000	1000	1000	1000	1000	1000	1000	954	975
>2	870	730	876	1000	1000	1000	1000	1000	1000	1000	998	939	952
>3	691	474	735	995	1000	1000	1000	1000	1000	1000	995	902	902
>4	387	182	442	944	1000	1000	1000	1000	1000	1000	990	859	820
>5	240	101	120	777	1000	1000	1000	1000	1000	1000	971	580	735
>6	81	40	26	524	991	1000	1000	1000	1000	1000	906	383	665
>7	18	18	1	253	959	1000	1000	1000	1000	1000	807	194	607
>8	2	8	0	69	778	998	1000	1000	1000	1000	732	69	557
>9	1	0	0	7	558	995	1000	1000	1000	954	528	29	508
>10	0	0	0	0	417	965	1000	1000	1000	866	282	9	464
>11	0	0	0	0	301	909	995	998	1000	713	58	0	417
>12	0	0	0	0	149	824	985	997	988	423	2	0	366
>13	0	0	0	0	74	696	973	992	956	171	0	0	323
>14	0	0	0	0	38	506	933	983	794	46	0	0	276
>15	0	0	0	0	0	318	846	954	574	8	0	0	227
>16	0	0	0	0	0	108	683	872	321	0	0	0	167
>17	0	0	0	0	0	16	426	635	99	0	0	0	99
>18	0	0	0	0	0	4	195	275	7	0	0	0	41
>19	0	0	0	0	0	0	26	75	0	0	0	0	9
>20	0	0	0	0	0	0	5	1	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.1.9 Kongedybet, position K1. Accumulated Near-bottom temperature distribution. 9-10 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
>-1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
>1	952	864	967	1000	1000	1000	1000	1000	1000	1000	1000	960	979
>2	909	796	916	1000	1000	1000	1000	1000	1000	1000	998	950	965
>3	778	568	799	992	1000	1000	1000	1000	1000	1000	995	919	923
>4	493	274	569	973	1000	1000	1000	1000	1000	1000	990	890	852
>5	320	163	183	759	1000	1000	1000	1000	1000	1000	972	629	754
>6	135	86	54	472	985	1000	1000	1000	1000	1000	913	455	677
>7	43	30	4	192	886	1000	1000	1000	1000	1000	823	258	606
>8	5	11	0	60	631	997	1000	1000	1000	1000	774	117	552
>9	1	0	0	1	434	976	1000	1000	1000	956	629	40	505
>10	0	0	0	0	296	901	998	1000	1000	891	370	14	458
>11	0	0	0	0	185	807	982	995	999	735	77	0	400
>12	0	0	0	0	70	672	963	989	973	437	4	0	344
>13	0	0	0	0	31	492	937	984	920	179	0	0	297
>14	0	0	0	0	10	318	857	957	757	44	0	0	247
>15	0	0	0	0	0	172	708	889	533	9	0	0	194
>16	0	0	0	0	0	54	511	761	301	0	0	0	137
>17	0	0	0	0	0	4	227	465	68	0	0	0	65
>18	0	0	0	0	0	0	69	166	0	0	0	0	20
>19	0	0	0	0	0	0	6	27	0	0	0	0	3
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.1.10 Kongedybet, position K1. Accumulated Bottom temperature distribution. 10-11.2 m depth.

A.6.2 Position K2

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	748	646	829	1000	1000	1000	1000	1000	1000	1000	1000	926	930
> 2	633	470	745	988	1000	1000	1000	1000	1000	1000	998	883	895
> 3	440	188	597	962	1000	1000	1000	1000	1000	1000	995	804	835
> 4	160	23	327	929	1000	1000	1000	1000	1000	1000	989	704	764
> 5	92	10	69	812	1000	1000	1000	1000	1000	1000	950	405	697
> 6	3	2	3	637	1000	1000	1000	1000	1000	1000	866	166	642
> 7	0	1	0	396	1000	1000	1000	1000	1000	1000	691	32	596
> 8	0	0	0	198	990	1000	1000	1000	1000	988	408	8	552
> 9	0	0	0	64	920	1000	1000	1000	1000	916	248	4	516
> 10	0	0	0	11	748	1000	1000	1000	1000	775	82	0	471
> 11	0	0	0	0	631	1000	1000	1000	1000	582	30	0	439
> 12	0	0	0	0	447	991	1000	1000	1000	334	3	0	400
> 13	0	0	0	0	282	980	1000	1000	981	168	0	0	369
> 14	0	0	0	0	162	915	1000	1000	845	55	0	0	333
> 15	0	0	0	0	43	755	1000	998	617	13	0	0	287
> 16	0	0	0	0	1	546	988	965	351	0	0	0	239
> 17	0	0	0	0	0	192	850	861	128	0	0	0	171
> 18	0	0	0	0	0	76	584	553	23	0	0	0	105
> 19	0	0	0	0	0	13	333	226	0	0	0	0	49
> 20	0	0	0	0	0	0	144	75	0	0	0	0	19
> 21	0	0	0	0	0	0	77	21	0	0	0	0	8
> 22	0	0	0	0	0	0	14	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.2.1 Kongedybet, position K2. Accumulated surface temperature distribution. 0-2 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	758	661	835	1000	1000	1000	1000	1000	1000	1000	1000	931	933
> 2	636	480	745	991	1000	1000	1000	1000	1000	1000	997	889	897
> 3	453	191	610	961	1000	1000	1000	1000	1000	1000	994	815	838
> 4	165	25	333	924	1000	1000	1000	1000	1000	1000	989	717	766
> 5	99	11	65	811	1000	1000	1000	1000	1000	1000	957	416	699
> 6	4	3	4	632	1000	1000	1000	1000	1000	1000	876	179	644
> 7	0	2	0	398	1000	1000	1000	1000	1000	1000	727	39	600
> 8	0	0	0	195	990	1000	1000	1000	1000	994	435	10	555
> 9	0	0	0	54	922	1000	1000	1000	1000	920	266	6	517
> 10	0	0	0	8	741	1000	1000	1000	1000	783	95	1	472
> 11	0	0	0	0	629	1000	1000	1000	1000	607	36	0	442
> 12	0	0	0	0	448	991	1000	1000	1000	345	2	0	401
> 13	0	0	0	0	278	982	1000	1000	983	174	0	0	370
> 14	0	0	0	0	160	912	1000	1000	879	58	0	0	335
> 15	0	0	0	0	37	753	999	999	635	15	0	0	288
> 16	0	0	0	0	0	547	991	972	376	0	0	0	242
> 17	0	0	0	0	0	193	857	872	141	0	0	0	174
> 18	0	0	0	0	0	77	582	571	29	0	0	0	107
> 19	0	0	0	0	0	14	343	246	0	0	0	0	51
> 20	0	0	0	0	0	0	131	76	0	0	0	0	18
> 21	0	0	0	0	0	0	76	20	0	0	0	0	8
> 22	0	0	0	0	0	0	12	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.2.2 Kongedybet, position K2. Accumulated temperature distribution. 2-3 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	790	680	841	1000	1000	1000	1000	1000	1000	1000	1000	933	938
> 2	651	496	748	993	1000	1000	1000	1000	1000	1000	997	898	901
> 3	468	231	624	961	1000	1000	1000	1000	1000	1000	994	825	845
> 4	171	34	326	925	1000	1000	1000	1000	1000	1000	989	725	767
> 5	108	14	65	814	1000	1000	1000	1000	1000	1000	959	433	702
> 6	5	6	4	628	1000	1000	1000	1000	1000	1000	879	198	645
> 7	0	3	0	395	1000	1000	1000	1000	1000	1000	748	47	602
> 8	0	2	0	183	991	1000	1000	1000	1000	997	473	13	558
> 9	0	0	0	44	901	1000	1000	1000	1000	922	289	8	517
> 10	0	0	0	5	730	1000	1000	1000	1000	794	108	3	473
> 11	0	0	0	0	610	999	1000	1000	1000	619	35	0	441
> 12	0	0	0	0	436	991	1000	1000	1000	350	2	0	400
> 13	0	0	0	0	266	982	1000	1000	983	174	0	0	368
> 14	0	0	0	0	154	905	999	1000	886	56	0	0	334
> 15	0	0	0	0	35	734	997	1000	637	8	0	0	286
> 16	0	0	0	0	0	500	987	970	382	0	0	0	239
> 17	0	0	0	0	0	179	838	866	142	0	0	0	171
> 18	0	0	0	0	0	67	567	564	31	0	0	0	104
> 19	0	0	0	0	0	8	304	237	0	0	0	0	47
> 20	0	0	0	0	0	0	125	68	0	0	0	0	16
> 21	0	0	0	0	0	0	60	16	0	0	0	0	6
> 22	0	0	0	0	0	0	10	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.2.3 Kongedybet, position K2. Accumulated temperature distribution. 3-4 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	817	699	853	1000	1000	1000	1000	1000	1000	1000	1000	935	943
> 2	679	516	753	995	1000	1000	1000	1000	1000	1000	997	908	906
> 3	497	251	634	961	1000	1000	1000	1000	1000	1000	994	836	851
> 4	189	39	326	924	1000	1000	1000	1000	1000	1000	989	738	770
> 5	121	20	65	814	1000	1000	1000	1000	1000	1000	962	443	705
> 6	10	7	3	616	1000	1000	1000	1000	1000	1000	881	220	647
> 7	0	3	0	390	1000	1000	1000	1000	1000	1000	762	63	604
> 8	0	2	0	157	990	1000	1000	1000	1000	999	535	21	561
> 9	0	0	0	30	866	1000	1000	1000	1000	928	307	10	515
> 10	0	0	0	4	707	1000	1000	1000	1000	806	128	4	473
> 11	0	0	0	0	570	998	1000	1000	1000	631	34	0	439
> 12	0	0	0	0	419	991	1000	1000	1000	360	0	0	399
> 13	0	0	0	0	243	971	999	1000	983	173	0	0	365
> 14	0	0	0	0	140	885	998	1000	874	57	0	0	331
> 15	0	0	0	0	28	698	995	999	627	6	0	0	281
> 16	0	0	0	0	0	432	975	967	388	0	0	0	232
> 17	0	0	0	0	0	164	801	859	144	0	0	0	166
> 18	0	0	0	0	0	52	522	536	28	0	0	0	96
> 19	0	0	0	0	0	2	258	221	0	0	0	0	41
> 20	0	0	0	0	0	0	110	64	0	0	0	0	15
> 21	0	0	0	0	0	0	41	13	0	0	0	0	5
> 22	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.2.4 Kongedybet, position K2. Accumulated temperature distribution. 4-5 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	843	722	873	1000	1000	1000	1000	1000	1000	1000	1000	936	949
> 2	700	540	765	996	1000	1000	1000	1000	1000	1000	997	913	911
> 3	525	284	644	961	1000	1000	1000	1000	1000	1000	994	850	858
> 4	210	47	326	922	1000	1000	1000	1000	1000	1000	989	754	774
> 5	131	27	66	811	1000	1000	1000	1000	1000	1000	964	458	707
> 6	15	9	4	605	1000	1000	1000	1000	1000	1000	885	242	649
> 7	1	3	0	379	1000	1000	1000	1000	1000	1000	776	74	605
> 8	0	2	0	140	984	1000	1000	1000	1000	998	579	28	564
> 9	0	0	0	23	832	1000	1000	1000	1000	931	329	12	514
> 10	0	0	0	3	679	1000	1000	1000	1000	816	142	5	473
> 11	0	0	0	0	537	997	1000	1000	1000	642	38	0	437
> 12	0	0	0	0	396	984	1000	1000	1000	378	0	0	398
> 13	0	0	0	0	216	960	998	1000	983	174	0	0	362
> 14	0	0	0	0	123	859	997	999	871	57	0	0	327
> 15	0	0	0	0	22	648	993	995	619	6	0	0	275
> 16	0	0	0	0	0	369	951	961	383	0	0	0	224
> 17	0	0	0	0	0	139	759	846	142	0	0	0	159
> 18	0	0	0	0	0	40	481	503	24	0	0	0	89
> 19	0	0	0	0	0	1	223	207	0	0	0	0	37
> 20	0	0	0	0	0	0	93	58	0	0	0	0	13
> 21	0	0	0	0	0	0	28	8	0	0	0	0	3
> 22	0	0	0	0	0	0	7	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.2.5 Kongedybet, position K2. Accumulated temperature distribution. 5-6 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	865	754	889	1000	1000	1000	1000	1000	1000	1000	1000	937	955
> 2	737	571	784	999	1000	1000	1000	1000	1000	1000	997	916	919
> 3	545	312	652	969	1000	1000	1000	1000	1000	1000	994	858	863
> 4	236	59	325	923	1000	1000	1000	1000	1000	1000	989	775	779
> 5	144	32	71	806	1000	1000	1000	1000	1000	1000	968	477	711
> 6	23	14	7	591	1000	1000	1000	1000	1000	1000	890	267	652
> 7	3	5	0	360	996	1000	1000	1000	1000	1000	782	92	606
> 8	0	3	0	124	961	1000	1000	1000	1000	999	613	36	564
> 9	0	0	0	22	799	1000	1000	1000	1000	933	356	15	513
> 10	0	0	0	2	638	999	1000	1000	1000	827	157	6	472
> 11	0	0	0	0	500	994	1000	1000	1000	652	43	0	435
> 12	0	0	0	0	352	973	999	1000	1000	400	0	0	395
> 13	0	0	0	0	178	928	997	999	981	174	0	0	356
> 14	0	0	0	0	103	797	995	999	859	56	0	0	319
> 15	0	0	0	0	17	582	984	990	616	6	0	0	268
> 16	0	0	0	0	0	318	925	957	372	0	0	0	216
> 17	0	0	0	0	0	113	705	823	138	0	0	0	150
> 18	0	0	0	0	0	31	426	467	22	0	0	0	80
> 19	0	0	0	0	0	0	185	186	0	0	0	0	32
> 20	0	0	0	0	0	0	68	42	0	0	0	0	9
> 21	0	0	0	0	0	0	17	5	0	0	0	0	2
> 22	0	0	0	0	0	0	6	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.2.6 Kongedybet, position K2. Accumulated temperature distribution. 6-7 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	887	783	911	1000	1000	1000	1000	1000	1000	1000	1000	941	961
> 2	769	604	800	999	1000	1000	1000	1000	1000	1000	997	919	926
> 3	575	347	670	980	1000	1000	1000	1000	1000	1000	994	864	872
> 4	266	92	333	924	1000	1000	1000	1000	1000	1000	989	799	787
> 5	158	42	79	800	1000	1000	1000	1000	1000	1000	969	501	715
> 6	34	19	10	577	1000	1000	1000	1000	1000	1000	895	288	654
> 7	5	7	0	335	991	1000	1000	1000	1000	1000	787	114	606
> 8	0	4	0	102	927	1000	1000	1000	1000	999	640	42	562
> 9	0	0	0	18	747	1000	1000	1000	1000	934	394	20	512
> 10	0	0	0	2	585	998	1000	1000	1000	839	185	6	471
> 11	0	0	0	0	439	984	1000	1000	1000	662	46	0	430
> 12	0	0	0	0	306	953	998	999	999	409	0	0	391
> 13	0	0	0	0	141	878	996	999	979	167	0	0	348
> 14	0	0	0	0	78	741	990	996	848	56	0	0	311
> 15	0	0	0	0	13	519	956	987	609	7	0	0	259
> 16	0	0	0	0	0	271	874	947	356	0	0	0	206
> 17	0	0	0	0	0	84	640	790	126	0	0	0	139
> 18	0	0	0	0	0	23	371	435	18	0	0	0	72
> 19	0	0	0	0	0	0	147	156	0	0	0	0	26
> 20	0	0	0	0	0	0	37	26	0	0	0	0	5
> 21	0	0	0	0	0	0	13	3	0	0	0	0	1
> 22	0	0	0	0	0	0	3	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.2.7 Kongedybet, position K2. Accumulated temperature distribution. 7-8 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	916	813	928	1000	1000	1000	1000	1000	1000	1000	1000	947	968
> 2	808	656	828	1000	1000	1000	1000	1000	1000	1000	997	924	936
> 3	616	400	691	990	1000	1000	1000	1000	1000	1000	994	873	883
> 4	305	126	375	929	1000	1000	1000	1000	1000	1000	989	817	798
> 5	192	63	86	789	1000	1000	1000	1000	1000	1000	969	532	722
> 6	46	23	13	557	996	1000	1000	1000	1000	1000	897	326	657
> 7	10	10	0	312	981	1000	1000	1000	1000	1000	793	144	607
> 8	1	5	0	84	885	1000	1000	1000	1000	999	677	49	561
> 9	0	0	0	13	664	999	1000	1000	1000	939	444	24	510
> 10	0	0	0	2	519	993	1000	1000	1000	848	221	7	468
> 11	0	0	0	0	377	963	1000	999	1000	679	49	0	425
> 12	0	0	0	0	254	904	996	998	996	413	0	0	382
> 13	0	0	0	0	117	811	987	998	974	161	0	0	339
> 14	0	0	0	0	58	655	975	989	834	54	0	0	298
> 15	0	0	0	0	7	435	918	979	596	7	0	0	247
> 16	0	0	0	0	0	202	814	925	339	0	0	0	192
> 17	0	0	0	0	0	55	561	743	117	0	0	0	125
> 18	0	0	0	0	0	12	304	379	15	0	0	0	60
> 19	0	0	0	0	0	0	86	119	0	0	0	0	17
> 20	0	0	0	0	0	0	17	10	0	0	0	0	2
> 21	0	0	0	0	0	0	6	2	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.2.8 Kongedybet, position K2. Accumulated temperature distribution. 8-9 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	942	841	945	1000	1000	1000	1000	1000	1000	1000	1000	952	974
> 2	863	718	879	1000	1000	1000	1000	1000	1000	1000	997	933	950
> 3	677	468	738	996	1000	1000	1000	1000	1000	1000	994	888	899
> 4	367	175	459	948	1000	1000	1000	1000	1000	1000	989	836	817
> 5	231	95	114	772	1000	1000	1000	1000	1000	1000	969	564	731
> 6	73	38	21	536	994	1000	1000	1000	1000	1000	901	376	664
> 7	17	14	0	259	963	1000	1000	1000	1000	1000	801	191	606
> 8	1	6	0	77	777	999	1000	1000	1000	999	720	60	556
> 9	0	0	0	8	555	997	1000	1000	1000	948	521	27	507
> 10	0	0	0	1	412	967	1000	1000	1000	859	274	9	462
> 11	0	0	0	0	309	914	995	998	1000	696	58	0	416
> 12	0	0	0	0	152	828	987	997	990	423	1	0	367
> 13	0	0	0	0	80	688	972	991	961	159	0	0	322
> 14	0	0	0	0	41	497	935	983	791	49	0	0	276
> 15	0	0	0	0	2	306	848	957	573	8	0	0	226
> 16	0	0	0	0	0	101	692	876	319	0	0	0	168
> 17	0	0	0	0	0	30	430	643	103	0	0	0	102
> 18	0	0	0	0	0	6	196	274	5	0	0	0	41
> 19	0	0	0	0	0	0	24	67	0	0	0	0	8
> 20	0	0	0	0	0	0	7	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.2.9 Kongedybet, position K2. Accumulated near-bottom temperature distribution. 9-10 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	946	855	956	1000	1000	1000	1000	1000	1000	1000	1000	955	977
> 2	902	780	917	1000	1000	1000	1000	1000	1000	1000	997	945	963
> 3	760	556	799	991	1000	1000	1000	1000	1000	1000	994	903	919
> 4	457	258	558	978	1000	1000	1000	1000	1000	1000	989	858	844
> 5	288	148	169	757	1000	1000	1000	1000	1000	1000	969	591	746
> 6	115	72	44	504	992	1000	1000	1000	1000	1000	905	440	675
> 7	30	23	2	216	905	1000	1000	1000	1000	1000	812	252	606
> 8	2	9	0	69	642	998	1000	1000	1000	999	757	98	550
> 9	0	0	0	8	443	991	1000	1000	1000	951	619	38	506
> 10	0	0	0	1	299	919	1000	1000	1000	880	357	14	458
> 11	0	0	0	0	202	827	992	997	1000	721	75	0	403
> 12	0	0	0	0	81	697	965	992	979	430	3	0	347
> 13	0	0	0	0	48	508	940	984	929	172	0	0	300
> 14	0	0	0	0	19	318	882	959	765	37	0	0	250
> 15	0	0	0	0	0	188	737	912	527	9	0	0	200
> 16	0	0	0	0	0	63	557	781	299	0	0	0	143
> 17	0	0	0	0	0	19	244	498	75	0	0	0	71
> 18	0	0	0	0	0	1	76	170	0	0	0	0	21
> 19	0	0	0	0	0	0	11	22	0	0	0	0	3
> 20	0	0	0	0	0	0	2	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.2.10 Kongedybet, position K2. Accumulated bottom temperature distribution. 10-11.1 m depth.

A.6.3 Position K3

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	753	654	831	1000	1000	1000	1000	1000	1000	1000	1000	927	932
> 2	637	472	745	989	1000	1000	1000	1000	1000	1000	997	884	896
> 3	444	194	603	962	1000	1000	1000	1000	1000	1000	994	805	836
> 4	165	25	331	929	1000	1000	1000	1000	1000	1000	989	705	765
> 5	96	10	71	815	1000	1000	1000	1000	1000	1000	951	408	698
> 6	4	2	4	638	1000	1000	1000	1000	1000	1000	865	175	643
> 7	0	1	0	397	1000	1000	1000	1000	1000	1000	697	41	597
> 8	0	0	0	203	991	1000	1000	1000	1000	988	419	9	554
> 9	0	0	0	67	924	1000	1000	1000	1000	913	255	5	517
> 10	0	0	0	11	750	1000	1000	1000	1000	775	83	0	471
> 11	0	0	0	0	632	999	1000	1000	1000	581	30	0	439
> 12	0	0	0	0	452	990	1000	1000	1000	331	1	0	400
> 13	0	0	0	0	284	981	1000	1000	981	167	0	0	369
> 14	0	0	0	0	167	915	1000	1000	851	54	0	0	334
> 15	0	0	0	0	45	761	1000	999	618	12	0	0	288
> 16	0	0	0	0	1	548	985	960	352	0	0	0	239
> 17	0	0	0	0	0	195	844	863	129	0	0	0	171
> 18	0	0	0	0	0	76	585	554	23	0	0	0	105
> 19	0	0	0	0	0	13	341	232	0	0	0	0	50
> 20	0	0	0	0	0	0	143	73	0	0	0	0	18
> 21	0	0	0	0	0	0	79	21	0	0	0	0	8
> 22	0	0	0	0	0	0	14	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.3.1 Kongedybet, position K3. Accumulated Surface temperature distribution. 0-2 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	766	669	836	1000	1000	1000	1000	1000	1000	1000	1000	932	935
> 2	641	484	746	992	1000	1000	1000	1000	1000	1000	997	891	898
> 3	454	205	618	961	1000	1000	1000	1000	1000	1000	994	816	840
> 4	170	29	336	926	1000	1000	1000	1000	1000	1000	989	717	767
> 5	103	13	68	813	1000	1000	1000	1000	1000	1000	955	419	700
> 6	4	4	4	636	1000	1000	1000	1000	1000	1000	873	189	645
> 7	0	2	0	400	1000	1000	1000	1000	1000	1000	735	45	601
> 8	0	1	0	197	990	1000	1000	1000	1000	990	446	12	556
> 9	0	0	0	53	921	1000	1000	1000	1000	919	272	8	517
> 10	0	0	0	7	739	1000	1000	1000	1000	783	99	2	472
> 11	0	0	0	0	625	999	1000	1000	1000	605	36	0	441
> 12	0	0	0	0	444	991	1000	1000	1000	341	2	0	400
> 13	0	0	0	0	277	983	1000	1000	983	171	0	0	369
> 14	0	0	0	0	164	913	1000	1000	873	59	0	0	335
> 15	0	0	0	0	39	754	999	1000	633	13	0	0	288
> 16	0	0	0	0	0	541	988	968	373	0	0	0	241
> 17	0	0	0	0	0	186	845	870	141	0	0	0	173
> 18	0	0	0	0	0	76	584	569	30	0	0	0	107
> 19	0	0	0	0	0	11	342	244	0	0	0	0	51
> 20	0	0	0	0	0	0	130	72	0	0	0	0	17
> 21	0	0	0	0	0	0	77	19	0	0	0	0	8
> 22	0	0	0	0	0	0	11	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.3.2 Kongedybet, position K3. Accumulated Temperature distribution. 2-3 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	798	686	843	1000	1000	1000	1000	1000	1000	1000	1000	933	940
> 2	658	498	748	993	1000	1000	1000	1000	1000	1000	997	898	901
> 3	468	237	628	961	1000	1000	1000	1000	1000	1000	994	827	846
> 4	178	38	329	926	1000	1000	1000	1000	1000	1000	989	725	768
> 5	113	20	69	813	1000	1000	1000	1000	1000	1000	955	435	703
> 6	7	6	4	631	1000	1000	1000	1000	1000	1000	877	206	646
> 7	0	3	0	392	1000	1000	1000	1000	1000	1000	752	57	603
> 8	0	2	0	185	991	1000	1000	1000	1000	992	483	17	559
> 9	0	0	0	43	900	1000	1000	1000	1000	920	292	10	517
> 10	0	0	0	5	725	1000	1000	1000	1000	795	117	4	473
> 11	0	0	0	0	603	999	1000	1000	1000	615	35	0	440
> 12	0	0	0	0	433	990	1000	1000	1000	351	1	0	400
> 13	0	0	0	0	265	982	1000	1000	983	169	0	0	368
> 14	0	0	0	0	155	905	998	1000	874	57	0	0	334
> 15	0	0	0	0	36	736	996	999	632	7	0	0	285
> 16	0	0	0	0	0	495	984	964	377	0	0	0	237
> 17	0	0	0	0	0	171	830	864	140	0	0	0	169
> 18	0	0	0	0	0	70	569	563	30	0	0	0	104
> 19	0	0	0	0	0	6	307	235	0	0	0	0	46
> 20	0	0	0	0	0	0	124	64	0	0	0	0	16
> 21	0	0	0	0	0	0	61	16	0	0	0	0	7
> 22	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.3.3 Kongedybet, position K3. Accumulated Temperature distribution. 3-4 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	824	701	856	1000	1000	1000	1000	1000	1000	1000	1000	935	944
> 2	687	519	753	995	1000	1000	1000	1000	1000	1000	997	907	907
> 3	499	260	635	962	1000	1000	1000	1000	1000	1000	994	834	851
> 4	193	44	329	925	1000	1000	1000	1000	1000	1000	989	737	771
> 5	124	23	70	818	1000	1000	1000	1000	1000	1000	956	444	705
> 6	13	7	4	621	1000	1000	1000	1000	1000	1000	881	228	648
> 7	0	3	0	390	1000	1000	1000	1000	1000	1000	765	67	605
> 8	0	2	0	160	991	1000	1000	1000	1000	994	547	22	562
> 9	0	0	0	36	876	1000	1000	1000	1000	924	314	10	516
> 10	0	0	0	4	707	1000	1000	1000	1000	801	132	4	473
> 11	0	0	0	0	564	998	1000	1000	1000	623	33	0	437
> 12	0	0	0	0	421	990	1000	1000	1000	360	0	0	399
> 13	0	0	0	0	248	976	999	1000	983	168	0	0	366
> 14	0	0	0	0	146	884	997	999	863	57	0	0	330
> 15	0	0	0	0	31	702	995	999	622	6	0	0	281
> 16	0	0	0	0	0	437	969	962	382	0	0	0	231
> 17	0	0	0	0	0	158	799	856	139	0	0	0	165
> 18	0	0	0	0	0	55	526	532	27	0	0	0	97
> 19	0	0	0	0	0	3	273	218	0	0	0	0	42
> 20	0	0	0	0	0	0	113	58	0	0	0	0	14
> 21	0	0	0	0	0	0	42	13	0	0	0	0	5
> 22	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.3.4 Kongedybet, position K3. Accumulated Temperature distribution. 4-5 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	847	722	878	1000	1000	1000	1000	1000	1000	1000	1000	935	950
> 2	712	538	765	998	1000	1000	1000	1000	1000	1000	997	910	912
> 3	523	285	645	964	1000	1000	1000	1000	1000	1000	994	845	857
> 4	215	49	331	923	1000	1000	1000	1000	1000	1000	989	749	774
> 5	133	29	72	814	1000	1000	1000	1000	1000	1000	955	457	707
> 6	17	11	4	612	1000	1000	1000	1000	1000	1000	883	243	650
> 7	1	3	0	381	1000	1000	1000	1000	1000	1000	777	78	606
> 8	0	2	0	142	983	1000	1000	1000	1000	994	585	29	564
> 9	0	0	0	26	836	1000	1000	1000	1000	929	335	11	514
> 10	0	0	0	3	681	1000	1000	1000	1000	809	146	5	473
> 11	0	0	0	0	531	997	1000	1000	1000	635	35	0	436
> 12	0	0	0	0	398	983	999	1000	1000	373	0	0	398
> 13	0	0	0	0	221	957	998	1000	982	170	0	0	362
> 14	0	0	0	0	129	857	996	999	853	57	0	0	325
> 15	0	0	0	0	22	650	992	994	615	6	0	0	275
> 16	0	0	0	0	0	370	942	959	376	0	0	0	223
> 17	0	0	0	0	0	132	751	842	136	0	0	0	157
> 18	0	0	0	0	0	40	483	497	23	0	0	0	88
> 19	0	0	0	0	0	2	226	203	0	0	0	0	37
> 20	0	0	0	0	0	0	97	51	0	0	0	0	13
> 21	0	0	0	0	0	0	27	8	0	0	0	0	3
> 22	0	0	0	0	0	0	8	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.3.5 Kongedybet, position K3. Accumulated Temperature distribution. 5-6 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	869	751	898	1000	1000	1000	1000	1000	1000	1000	1000	936	956
> 2	742	569	786	999	1000	1000	1000	1000	1000	1000	997	914	919
> 3	550	324	650	973	1000	1000	1000	1000	1000	1000	994	851	864
> 4	243	67	334	925	1000	1000	1000	1000	1000	1000	989	770	780
> 5	146	35	76	810	1000	1000	1000	1000	1000	1000	958	479	711
> 6	26	16	8	599	1000	1000	1000	1000	1000	1000	886	268	653
> 7	3	5	0	359	997	1000	1000	1000	1000	1000	784	98	606
> 8	0	3	0	122	956	1000	1000	1000	1000	994	626	35	564
> 9	0	0	0	23	791	1000	1000	1000	1000	929	371	16	514
> 10	0	0	0	2	635	999	1000	1000	1000	818	165	6	471
> 11	0	0	0	0	489	991	1000	1000	1000	646	39	0	433
> 12	0	0	0	0	348	971	999	1000	1000	390	0	0	394
> 13	0	0	0	0	183	925	997	999	979	169	0	0	356
> 14	0	0	0	0	103	787	995	999	839	56	0	0	316
> 15	0	0	0	0	18	578	979	989	608	6	0	0	266
> 16	0	0	0	0	1	304	907	954	365	0	0	0	213
> 17	0	0	0	0	0	103	688	811	131	0	0	0	146
> 18	0	0	0	0	0	30	410	457	18	0	0	0	77
> 19	0	0	0	0	0	1	183	178	0	0	0	0	31
> 20	0	0	0	0	0	0	67	40	0	0	0	0	9
> 21	0	0	0	0	0	0	16	4	0	0	0	0	2
> 22	0	0	0	0	0	0	6	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.3.6 Kongedybet, position K3. Accumulated Temperature distribution. 6-7 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	890	781	914	1000	1000	1000	1000	1000	1000	1000	1000	940	961
> 2	771	607	806	1000	1000	1000	1000	1000	1000	1000	997	918	926
> 3	572	355	670	981	1000	1000	1000	1000	1000	1000	994	862	872
> 4	266	96	357	928	1000	1000	1000	1000	1000	1000	989	787	788
> 5	165	45	82	803	1000	1000	1000	1000	1000	1000	958	498	715
> 6	37	20	10	581	998	1000	1000	1000	1000	1000	891	287	654
> 7	6	8	0	330	989	1000	1000	1000	1000	1000	788	118	606
> 8	0	4	0	111	922	1000	1000	1000	1000	995	645	40	562
> 9	0	0	0	21	744	1000	1000	1000	1000	932	406	20	513
> 10	0	0	0	2	576	996	1000	1000	1000	834	193	7	470
> 11	0	0	0	0	433	981	1000	1000	1000	654	44	0	428
> 12	0	0	0	0	295	952	998	999	999	401	0	0	389
> 13	0	0	0	0	146	872	995	999	979	160	0	0	347
> 14	0	0	0	0	79	718	985	996	832	56	0	0	307
> 15	0	0	0	0	14	510	948	987	602	7	0	0	257
> 16	0	0	0	0	1	262	862	941	351	0	0	0	203
> 17	0	0	0	0	0	83	626	779	123	0	0	0	136
> 18	0	0	0	0	0	22	357	426	17	0	0	0	70
> 19	0	0	0	0	0	0	146	158	0	0	0	0	26
> 20	0	0	0	0	0	0	38	28	0	0	0	0	6
> 21	0	0	0	0	0	0	12	4	0	0	0	0	1
> 22	0	0	0	0	0	0	4	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.3.7 Kongedybet, position K3. Accumulated Temperature distribution. 7-8 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	913	811	928	1000	1000	1000	1000	1000	1000	1000	1000	945	967
> 2	806	653	826	1000	1000	1000	1000	1000	1000	1000	997	921	935
> 3	606	398	693	990	1000	1000	1000	1000	1000	1000	994	874	882
> 4	290	123	385	931	1000	1000	1000	1000	1000	1000	989	806	797
> 5	182	63	87	791	1000	1000	1000	1000	1000	1000	959	517	719
> 6	45	24	12	561	996	1000	1000	1000	1000	1000	894	319	657
> 7	8	9	0	306	980	1000	1000	1000	1000	1000	793	136	605
> 8	1	4	0	94	891	1000	1000	1000	1000	995	672	45	561
> 9	0	0	0	18	670	999	1000	1000	1000	935	442	24	510
> 10	0	0	0	2	512	990	1000	1000	1000	839	220	7	467
> 11	0	0	0	0	379	964	1000	1000	1000	669	46	0	424
> 12	0	0	0	0	243	911	996	999	997	406	1	0	381
> 13	0	0	0	0	121	817	990	997	972	153	0	0	339
> 14	0	0	0	0	59	647	975	991	826	56	0	0	298
> 15	0	0	0	0	9	444	923	978	592	7	0	0	248
> 16	0	0	0	0	0	207	819	926	337	0	0	0	193
> 17	0	0	0	0	0	63	565	748	119	0	0	0	126
> 18	0	0	0	0	0	18	308	381	15	0	0	0	61
> 19	0	0	0	0	0	0	95	132	0	0	0	0	19
> 20	0	0	0	0	0	0	21	17	0	0	0	0	3
> 21	0	0	0	0	0	0	5	2	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.3.8 Kongedybet, position K3. Accumulated Temperature distribution. 8-9 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	938	832	944	1000	1000	1000	1000	1000	1000	1000	1000	951	973
> 2	850	713	877	1000	1000	1000	1000	1000	1000	1000	997	929	948
> 3	669	455	732	995	1000	1000	1000	1000	1000	1000	994	884	896
> 4	336	168	450	948	1000	1000	1000	1000	1000	1000	989	821	812
> 5	214	91	110	776	1000	1000	1000	1000	1000	1000	962	546	727
> 6	69	34	16	542	994	1000	1000	1000	1000	1000	897	355	661
> 7	14	11	0	270	965	1000	1000	1000	1000	1000	800	171	605
> 8	1	5	0	84	801	999	1000	1000	1000	998	700	53	556
> 9	0	0	0	15	574	998	1000	1000	1000	941	498	27	507
> 10	0	0	0	2	427	972	1000	1000	1000	848	266	10	463
> 11	0	0	0	0	323	922	995	998	1000	683	55	0	417
> 12	0	0	0	0	178	845	989	996	993	418	1	0	370
> 13	0	0	0	0	85	702	974	993	964	155	0	0	324
> 14	0	0	0	0	45	525	940	984	794	51	0	0	280
> 15	0	0	0	0	7	320	853	961	576	8	0	0	229
> 16	0	0	0	0	0	127	703	881	320	0	0	0	171
> 17	0	0	0	0	0	39	448	659	106	0	0	0	106
> 18	0	0	0	0	0	11	216	289	3	0	0	0	44
> 19	0	0	0	0	0	0	33	79	0	0	0	0	10
> 20	0	0	0	0	0	0	12	3	0	0	0	0	1
> 21	0	0	0	0	0	0	1	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.3.9 Kongedybet, position K3. Accumulated Near-bottom temperature distribution. 9-10 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	942	850	954	1000	1000	1000	1000	1000	1000	1000	1000	953	976
> 2	892	771	916	1000	1000	1000	1000	1000	1000	1000	997	940	961
> 3	742	537	796	991	1000	1000	1000	1000	1000	1000	994	895	915
> 4	429	252	554	972	1000	1000	1000	1000	1000	1000	989	835	839
> 5	269	140	175	757	1000	1000	1000	1000	1000	1000	962	576	742
> 6	101	65	39	526	993	1000	1000	1000	1000	1000	899	422	673
> 7	26	19	1	220	909	1000	1000	1000	1000	1000	808	242	605
> 8	2	8	0	73	656	997	1000	1000	1000	998	747	80	549
> 9	0	0	0	12	446	991	1000	1000	1000	949	589	36	504
> 10	0	0	0	2	303	928	1000	1000	1000	870	339	14	457
> 11	0	0	0	0	220	840	992	997	1000	711	76	0	405
> 12	0	0	0	0	97	721	967	992	982	424	4	0	351
> 13	0	0	0	0	52	523	941	978	932	162	0	0	301
> 14	0	0	0	0	23	332	893	960	771	38	0	0	253
> 15	0	0	0	0	4	204	756	923	538	9	0	0	205
> 16	0	0	0	0	0	69	579	792	289	0	0	0	146
> 17	0	0	0	0	0	28	274	499	82	0	0	0	75
> 18	0	0	0	0	0	6	99	171	0	0	0	0	23
> 19	0	0	0	0	0	0	17	32	0	0	0	0	4
> 20	0	0	0	0	0	0	6	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.3.10 Kongedybet, position K3. Accumulated Bottom temperature distribution. 10-11.1 m depth.

A.6.4 Position K4

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	746	647	827	1000	1000	1000	1000	1000	1000	1000	1000	927	930
> 2	634	474	745	986	1000	1000	1000	1000	1000	1000	998	880	895
> 3	449	183	595	962	1000	1000	1000	1000	1000	1000	994	808	836
> 4	164	20	328	928	1000	1000	1000	1000	1000	1000	989	707	764
> 5	91	5	70	809	1000	1000	1000	1000	1000	1000	954	411	697
> 6	2	1	3	631	1000	1000	1000	1000	1000	1000	871	175	642
> 7	0	1	0	386	1000	1000	1000	1000	1000	1000	684	38	595
> 8	0	0	0	190	989	1000	1000	1000	1000	992	411	8	552
> 9	0	0	0	65	917	1000	1000	1000	1000	916	253	3	516
> 10	0	0	0	11	747	1000	1000	1000	1000	780	84	1	471
> 11	0	0	0	0	629	1000	1000	1000	1000	597	29	0	440
> 12	0	0	0	0	440	992	1000	1000	1000	339	3	0	400
> 13	0	0	0	0	277	979	1000	1000	982	167	0	0	368
> 14	0	0	0	0	157	908	1000	1000	851	58	0	0	332
> 15	0	0	0	0	36	754	999	999	615	13	0	0	286
> 16	0	0	0	0	1	542	987	966	355	0	0	0	239
> 17	0	0	0	0	0	186	836	861	130	0	0	0	170
> 18	0	0	0	0	0	76	576	543	24	0	0	0	103
> 19	0	0	0	0	0	11	329	218	0	0	0	0	47
> 20	0	0	0	0	0	0	140	74	0	0	0	0	18
> 21	0	0	0	0	0	0	74	21	0	0	0	0	8
> 22	0	0	0	0	0	0	11	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.4.1 Kongedybet, position K4. Accumulated Surface temperature distribution. 0-2 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	754	661	832	1000	1000	1000	1000	1000	1000	1000	1000	933	933
> 2	638	481	746	989	1000	1000	1000	1000	1000	1000	998	889	897
> 3	456	191	598	961	1000	1000	1000	1000	1000	1000	994	818	838
> 4	165	23	333	922	1000	1000	1000	1000	1000	1000	989	715	765
> 5	99	7	67	806	1000	1000	1000	1000	1000	1000	956	426	699
> 6	3	2	3	627	1000	1000	1000	1000	1000	1000	876	188	644
> 7	0	1	0	387	1000	1000	1000	1000	1000	1000	712	43	598
> 8	0	0	0	185	988	1000	1000	1000	1000	994	432	12	554
> 9	0	0	0	55	917	1000	1000	1000	1000	923	265	5	517
> 10	0	0	0	8	740	1000	1000	1000	1000	785	95	2	472
> 11	0	0	0	0	626	1000	1000	1000	1000	617	37	0	443
> 12	0	0	0	0	440	991	1000	1000	1000	349	2	0	400
> 13	0	0	0	0	271	981	1000	1000	983	172	0	0	369
> 14	0	0	0	0	155	907	1000	1000	876	60	0	0	334
> 15	0	0	0	0	31	750	999	999	627	14	0	0	286
> 16	0	0	0	0	0	538	989	972	370	0	0	0	241
> 17	0	0	0	0	0	178	841	868	138	0	0	0	171
> 18	0	0	0	0	0	74	577	558	27	0	0	0	105
> 19	0	0	0	0	0	10	336	229	0	0	0	0	49
> 20	0	0	0	0	0	0	131	76	0	0	0	0	18
> 21	0	0	0	0	0	0	75	23	0	0	0	0	8
> 22	0	0	0	0	0	0	10	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.4.2 Kongedybet, position K4. Accumulated Temperature distribution. 2-3 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	789	684	837	1000	1000	1000	1000	1000	1000	1000	1000	935	938
> 2	649	499	747	993	1000	1000	1000	1000	1000	1000	998	898	901
> 3	468	222	615	961	1000	1000	1000	1000	1000	1000	994	833	844
> 4	173	35	330	926	1000	1000	1000	1000	1000	1000	989	726	768
> 5	107	14	67	807	1000	1000	1000	1000	1000	1000	958	439	702
> 6	5	5	3	623	1000	1000	1000	1000	1000	1000	880	205	646
> 7	0	3	0	387	1000	1000	1000	1000	1000	1000	751	49	601
> 8	0	1	0	175	990	1000	1000	1000	1000	994	468	14	556
> 9	0	0	0	39	897	1000	1000	1000	1000	926	282	8	516
> 10	0	0	0	4	729	1000	1000	1000	1000	793	108	3	473
> 11	0	0	0	0	604	1000	1000	1000	1000	633	39	0	442
> 12	0	0	0	0	428	991	1000	1000	1000	354	2	0	400
> 13	0	0	0	0	258	981	1000	1000	983	171	0	0	367
> 14	0	0	0	0	149	901	998	1000	881	57	0	0	333
> 15	0	0	0	0	29	733	995	1000	631	8	0	0	285
> 16	0	0	0	0	0	499	985	969	371	0	0	0	237
> 17	0	0	0	0	0	159	828	862	139	0	0	0	168
> 18	0	0	0	0	0	68	567	552	30	0	0	0	103
> 19	0	0	0	0	0	5	308	223	0	0	0	0	45
> 20	0	0	0	0	0	0	124	66	0	0	0	0	16
> 21	0	0	0	0	0	0	60	16	0	0	0	0	6
> 22	0	0	0	0	0	0	10	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.4.3 Kongedybet, position K4. Accumulated Temperature distribution. 3-4 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	825	701	853	1000	1000	1000	1000	1000	1000	1000	1000	937	944
> 2	678	520	752	995	1000	1000	1000	1000	1000	1000	998	911	906
> 3	497	251	626	962	1000	1000	1000	1000	1000	1000	994	842	850
> 4	185	44	320	924	1000	1000	1000	1000	1000	1000	989	737	770
> 5	119	24	65	808	1000	1000	1000	1000	1000	1000	959	450	704
> 6	9	8	3	616	1000	1000	1000	1000	1000	1000	883	225	648
> 7	0	3	0	380	1000	1000	1000	1000	1000	1000	762	61	603
> 8	0	1	0	153	987	1000	1000	1000	1000	994	527	21	560
> 9	0	0	0	30	872	1000	1000	1000	1000	930	308	9	515
> 10	0	0	0	3	713	1000	1000	1000	1000	804	127	3	474
> 11	0	0	0	0	570	998	1000	1000	1000	644	36	0	440
> 12	0	0	0	0	415	991	1000	1000	1000	363	0	0	399
> 13	0	0	0	0	245	978	999	1000	983	172	0	0	366
> 14	0	0	0	0	133	886	998	1000	874	56	0	0	330
> 15	0	0	0	0	25	708	994	999	624	6	0	0	281
> 16	0	0	0	0	0	439	975	961	378	0	0	0	231
> 17	0	0	0	0	0	146	804	854	135	0	0	0	164
> 18	0	0	0	0	0	55	524	544	29	0	0	0	97
> 19	0	0	0	0	0	3	277	210	0	0	0	0	42
> 20	0	0	0	0	0	0	110	56	0	0	0	0	14
> 21	0	0	0	0	0	0	43	13	0	0	0	0	5
> 22	0	0	0	0	0	0	9	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.4.4 Kongedybet, position K4. Accumulated Temperature distribution. 4-5 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	847	721	871	1000	1000	1000	1000	1000	1000	1000	1000	938	949
> 2	710	538	762	996	1000	1000	1000	1000	1000	1000	998	915	912
> 3	519	270	635	964	1000	1000	1000	1000	1000	1000	994	853	856
> 4	205	52	322	924	1000	1000	1000	1000	1000	1000	989	747	773
> 5	126	29	66	809	1000	1000	1000	1000	1000	1000	959	462	707
> 6	14	11	4	610	1000	1000	1000	1000	1000	1000	886	245	650
> 7	0	3	0	371	1000	1000	1000	1000	1000	1000	772	70	604
> 8	0	1	0	131	980	1000	1000	1000	1000	994	578	28	562
> 9	0	0	0	27	842	1000	1000	1000	1000	931	335	10	515
> 10	0	0	0	3	686	1000	1000	1000	1000	813	143	4	473
> 11	0	0	0	0	542	997	1000	1000	1000	655	37	0	438
> 12	0	0	0	0	392	988	999	1000	1000	377	0	0	398
> 13	0	0	0	0	221	968	998	999	982	172	0	0	363
> 14	0	0	0	0	117	863	997	999	861	56	0	0	326
> 15	0	0	0	0	18	650	992	994	617	5	0	0	275
> 16	0	0	0	0	0	385	951	963	384	0	0	0	225
> 17	0	0	0	0	0	125	763	845	132	0	0	0	158
> 18	0	0	0	0	0	39	482	510	23	0	0	0	89
> 19	0	0	0	0	0	2	240	195	0	0	0	0	37
> 20	0	0	0	0	0	0	89	52	0	0	0	0	12
> 21	0	0	0	0	0	0	28	9	0	0	0	0	3
> 22	0	0	0	0	0	0	7	0	0	0	0	0	1
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.4.5 Kongedybet, position K4. Accumulated Temperature distribution. 5-6 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	871	742	888	1000	1000	1000	1000	1000	1000	1000	1000	938	954
> 2	734	562	780	998	1000	1000	1000	1000	1000	1000	998	918	918
> 3	541	303	645	974	1000	1000	1000	1000	1000	1000	994	860	862
> 4	227	63	322	924	1000	1000	1000	1000	1000	1000	988	763	777
> 5	136	33	69	808	1000	1000	1000	1000	1000	1000	957	469	708
> 6	21	14	5	599	1000	1000	1000	1000	1000	1000	885	258	651
> 7	1	4	0	351	998	1000	1000	1000	1000	1000	783	82	604
> 8	0	2	0	114	965	1000	1000	1000	1000	994	622	32	563
> 9	0	0	0	23	808	1000	1000	1000	1000	931	353	12	513
> 10	0	0	0	3	646	999	1000	1000	1000	819	160	4	472
> 11	0	0	0	0	504	995	1000	1000	1000	658	40	0	436
> 12	0	0	0	0	347	978	999	1000	1000	390	0	0	395
> 13	0	0	0	0	187	945	998	999	979	169	0	0	358
> 14	0	0	0	0	94	814	995	998	857	56	0	0	319
> 15	0	0	0	0	14	580	979	991	612	5	0	0	267
> 16	0	0	0	0	0	327	923	960	373	0	0	0	217
> 17	0	0	0	0	0	101	702	823	128	0	0	0	148
> 18	0	0	0	0	0	32	432	479	18	0	0	0	81
> 19	0	0	0	0	0	1	193	185	0	0	0	0	32
> 20	0	0	0	0	0	0	68	42	0	0	0	0	9
> 21	0	0	0	0	0	0	17	4	0	0	0	0	2
> 22	0	0	0	0	0	0	5	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.4.6 Kongedybet, position K4. Accumulated Temperature distribution. 6-7 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	892	766	910	1000	1000	1000	1000	1000	1000	1000	1000	941	960
> 2	762	585	797	999	1000	1000	1000	1000	1000	1000	997	922	924
> 3	564	337	662	979	1000	1000	1000	1000	1000	1000	994	869	870
> 4	244	87	337	926	1000	1000	1000	1000	1000	1000	988	782	783
> 5	153	40	73	800	1000	1000	1000	1000	1000	1000	958	486	712
> 6	26	17	8	583	1000	1000	1000	1000	1000	1000	886	274	652
> 7	2	5	0	329	991	1000	1000	1000	1000	1000	787	93	603
> 8	0	2	0	104	941	1000	1000	1000	1000	994	652	34	563
> 9	0	0	0	20	759	1000	1000	1000	1000	935	386	15	512
> 10	0	0	0	3	601	999	1000	1000	1000	826	178	4	470
> 11	0	0	0	0	453	984	1000	1000	1000	663	41	0	431
> 12	0	0	0	0	290	963	998	999	1000	397	0	0	389
> 13	0	0	0	0	151	906	996	999	975	161	0	0	350
> 14	0	0	0	0	77	747	992	996	848	56	0	0	311
> 15	0	0	0	0	11	529	956	988	607	5	0	0	260
> 16	0	0	0	0	0	269	882	953	358	0	0	0	207
> 17	0	0	0	0	0	76	639	796	126	0	0	0	138
> 18	0	0	0	0	0	25	382	446	14	0	0	0	73
> 19	0	0	0	0	0	1	158	169	0	0	0	0	28
> 20	0	0	0	0	0	0	49	33	0	0	0	0	7
> 21	0	0	0	0	0	0	9	3	0	0	0	0	1
> 22	0	0	0	0	0	0	3	0	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.4.7 Kongedybet, position K4. Accumulated Near-bottom Temperature distribution. 7-8 m depth.

PERMIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
> -1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
> 1	924	789	929	1000	1000	1000	1000	1000	1000	1000	1000	945	966
> 2	814	646	830	1000	1000	1000	1000	1000	1000	1000	997	928	936
> 3	606	392	694	992	1000	1000	1000	1000	1000	1000	994	877	882
> 4	284	128	393	931	1000	1000	1000	1000	1000	1000	988	799	796
> 5	175	60	80	793	1000	1000	1000	1000	1000	1000	958	506	717
> 6	40	20	9	571	1000	1000	1000	1000	1000	1000	887	308	655
> 7	6	7	0	295	984	1000	1000	1000	1000	1000	793	117	603
> 8	0	2	0	92	889	1000	1000	1000	1000	994	687	37	561
> 9	0	0	0	18	656	1000	1000	1000	1000	940	434	17	508
> 10	0	0	0	3	511	993	1000	1000	1000	833	208	5	465
> 11	0	0	0	0	384	962	1000	1000	1000	675	41	0	424
> 12	0	0	0	0	228	909	997	998	1000	397	0	0	379
> 13	0	0	0	0	119	820	988	996	969	152	0	0	338
> 14	0	0	0	0	65	645	972	989	820	53	0	0	297
> 15	0	0	0	0	9	431	913	976	591	5	0	0	245
> 16	0	0	0	0	0	178	802	925	330	0	0	0	188
> 17	0	0	0	0	0	52	543	744	117	0	0	0	123
> 18	0	0	0	0	0	17	314	380	4	0	0	0	61
> 19	0	0	0	0	0	1	90	135	0	0	0	0	19
> 20	0	0	0	0	0	0	29	24	0	0	0	0	5
> 21	0	0	0	0	0	0	2	2	0	0	0	0	0
NDAT	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87672

Table A.6.4.8 Kongedybet, position K2. Accumulated Bottom Temperature distribution. 8-10.7 m depth.