

## **Ecology of Eyjafjörður Project**

**Physical parameters measured in Eyjafjörður in the  
period April 1992 - August 1993**

**By**

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### **Ágrip (Icelandic summary)**

Á tímabilinu apríl 1992 til ágúst 1993 fóru fram umfangsmiklar rannsóknir á ytra umhverfi og lífríki Eyjafjarðar. Á þessu tímabili voru farnir 15 leiðangrar. Í þessum leiðöngrum var mældur hiti, selta, ljómun, súrefni og næringarefni. Sýni voru einnig tekin af örverum, svifþörungum, dýrasvifi, fisklirfum og seiðum auk botndýrasýna. Á kortinu á 1. mynd er sýnt hvernig stöðvunum var dreift um svæðið og hvað gert var á hverri stöð. Vindmælir var settur upp í Hrísey en auk þess var aflað vindgagna frá Akureyri og Grímsey. Orkustofnun létt í té mælingar á ferskvatnsrennsli til fjarðarins. Gerðar voru straummælingar við Dagverðareyri og í mynni fjarðarins.

Þessi skýrsla inniheldur hafeðlisfræðileg gögn sem safnað var í Eyjafirði á þessu tímabili. Um er að ræða ferskvatnsrennsli til fjarðarins, vinda og strauma í firðinum ásamt hitasigi, seltu og eðlisþyngd sjávar. Myndatexti á íslensku er á blaðsíðu 8.

## Introduction

Eyjafjörður, a fjord located at the central northern coast of Iceland (see Fig. 1), is the second longest fjord in the country, 60 km long and 15 km wide at the mouth with an area of about 350 km<sup>2</sup>. It has a shape typical of Icelandic fjords with the sides quite steep down to about 40 m and then gradually flattening out. Eyjafjörður gradually deepens from about 40 m in the innermost part to 200 m maximum depth at the mouth. The bottom of the fjord is covered with thick layers of sediments (Hafliðason, 1983).

In 1992 an interdisciplinary study was initiated in the fjord. The main purpose of the project was to describe and obtain an understanding of the ecology of the fjord.

Data was collected on 15 cruises from 29. April 1992 to 18. August 1993. For precise dates see Table 1. During spring the interval between cruises was three weeks, during summer four weeks and during the winter six weeks. During each cruise samples were taken at 36 stations. The station grid is shown in Figure 1 and the positions are listed in Table 2. The stations cover the whole fjord and one station is situated outside the fjord. CTD profiles with fluorometer were made at all stations. Oxygen and nutrients were sampled at 10 stations. Phytoplankton, zooplankton and samples of pelagic juvenile fish were collected at 7 stations. During spring and summer measurements of primary production were made at 6 stations. Benthic and bacterial samples were only taken at Station 10 in the inner part of the fjord. Besides this, current measurements were performed during the summer of 1992 at four locations in the fjord. During the whole period wind observations were made at Hrísey, an island in the middle of the fjord. Meteorological data was also collected by the Icelandic Meteorological Institute at Akureyri, a town at the head of the fjord, and from Grímsey, an island about 40 km north of the mouth of the fjord. Data on the freshwater inflow to the fjord was obtained from the Icelandic National Energy Authority. In connection with the cruises, nutrients were measured close to the river mouth in the four major rivers, i.e. Fnjóská, Eyjafjarðará, Hörgá and Svarfaðardalsá (see Fig. 1). Measurements of the surface irradiance together with measurements of sea surface temperature were made at Hjalteyri, close to Station 10. Surface irradiance and sea surface temperature measurements are also available from Grímsey. In order to increase the sampling frequency during the phytoplankton growth season, bucket samples and phytoplankton net samples were taken weekly from a ferry at Station 10 and at a station between Eyjafjörður and Grímsey. The data obtained from samples taken by the crew of the ferry were sea surface temperature, salinity, nutrients and chlorophyll-a.

This report only deals with the physical parameters measured during this project, i.e. the runoff, wind, current and CTD data.

## Freshwater runoff

Freshwater runoff as daily averages was provided by the Icelandic National Energy Authority for three rivers in the area, i.e. Bægisá, Eyjafjarðará and Fnjóská, (see Fig. 1). Bægisá is a secondary river to Hörgá which is one of the main rivers

entering the fjord. The runoff is not measured at the river mouth so some calculations are needed in order to estimate the amount of freshwater entering the fjord.

## Wind data

Wind observations were made at Hrísey (see Fig. 1), an island in the middle of the fjord, during the whole period. Wind data is also available from standard meteorological stations at Akureyri and Grímsey. Both stations are operated by the Icelandic Meteorological Institute. The wind at Hrísey was measured at 2 m above the ground, and the measurement site was situated on an exposed hill on the southern tip of the island about 70 m above sea level. The wind observations from Hrísey were processed by the Icelandic Meteorological Institute as hourly values of wind speed and direction. The wind data from Akureyri was recorded as wind speed and direction every third hour. In Grímsey the wind was recorded as values of wind speed and direction at 9, 12, 15, 18, 21 and 24 hours every day.

## Current meter data

Current measurements were made at four locations in the fjord using Aanderaa current meter. The positions are shown in Fig. 1. The positions, depths and duration of the current measurements are shown in Table 3. The sampling interval was always 10 minutes. Temperature records from the instruments are sometimes available.

## CTD data

The CTD data was collected with a SBE 19 SEACAT Profiler from Sea-Bird Electronics. The accuracy given by the manufacturer is 0.01°C and 0.001 S/m for temperature and conductivity, respectively. The accuracy in pressure is 0.25% of full scale range. The instrument was calibrated before the project started and also at the end of the project. Water bottle samples were taken at standard depths for measurements of various parameters including salinity which was determined ashore with a Guildline-8400 salinometer. The bottle salinities have been used to check the accuracy of the profiler during the project. Only samples taken in homogeneous water masses were used for this purpose since the profiler was not equipped with a rosette so that the CTD casts and the water bottle casts were taken separately. This means that only samples taken from the two greatest sampling depths at the deepest and outermost station could be used for this purpose. Using the post project calibration gave a better fit between the bottle salinities and the CTD salinities resulting in the following correction line,

$$S_{hydro} = S_{CTD} - 0.006,$$

where  $S_{hydro}$  is the bottle salinity and  $S_{CTD}$  is the salinity calculated from the profiler measurements. Since this is within the estimated accuracy of the CTD the corrections were not performed and all quantities were calculated using the post project

calibration. The software provided by the manufacturer was used for processing the data to provide data at 1 m depth interval. The salinity was calculated according to the Practical Salinity Scale 1978 (PSS-78) and the density (or sigma-t =  $\sigma_t = \rho - 1000$  kg/m<sup>3</sup>) was determined according to the International Equation of State of sea water 1980 (EOS 80).

### Acknowledgments

I would like to express my thanks to all the people that made this project possible and to those who have assisted in obtaining and analyzing the data. A complete name list would be too extensive but I would like to emphasize the efforts of the crew on Gunnar Níelsson EA 555. Jóhannes Briem at the Marine Research Institute, Reykjavík, took care of the current measurements and the primary processing of the current meter data. Birgir Ásgeir Kristjánsson and Hreiðar Þór Valtysson both at the Marine Research Institute, Akureyri, helped with the data processing and drawing of many of the figures. The Icelandic National Energy Authority and the Icelandic Meteorological Institute are acknowledged for providing data on freshwater runoff and wind data, respectively. This work was supported by the Research fund of the University of Akureyri.

### References

- Hafliðason, H., 1983. The marine geology of Eyjafjördur, north Iceland: sedimentological, petrographical and stratigraphical studies. *M. Phil. thesis*, Univ. Edinburgh, 281 pp.

Table 1: Dates of the cruises.

Cruise no.	Dates		
1	29 apr 1992	-	1 may 1992
2	19 may 1992	-	21 may 1992
3	9 jun 1992	-	11 jun 1992
4	13 jul 1992	-	15 jul 1992
5	24 aug 1992	-	26 aug 1992
6	29 sep 1992	-	1 oct 1992
7	16 nov 1992	-	18 nov 1992
8	5 jan 1993	-	6 jan 1993
9	15 feb 1993	-	16 feb 1993
10	29 mar 1993	-	31 mar 1993
11	19 apr 1993	-	21 apr 1993
12	10 may 1993	-	12 may 1993
13	7 jun 1993	-	9 jun 1993
14	14 jul 1993	-	16 jul 1993
15	16 aug 1993	-	18 aug 1993

Table 3. List of current measurement sites.

Site	Position	Bottom depth (m)	Instrument depth (m)	Current meter no. and type	Duration
Dagverðareyri East	65°45.76'N 18°06.07'W	55	15 40	8285 (RCM7) 6934 (RCM7)	2-16 July 1992
Dagverðareyri West	65°45.79'N 18°08.44'W	55	15	8743 (RCM7)	2-16 July 1992
Gjögur East	66°09.22'N 18°22.29'W	103	15 85	8743 (RCM7) 8744 (RCM4)	16 July- 1 Sept. 1992
Gjögur West	66°09.41'N 18°36.75'W	103	15 85	8285 (RCM7) 6934 (RCM7)	16 July- 1 Sept. 1992

Table 2: List of CTD stations.

Section or station name	Station no.	Latitude ( $^{\circ}$ N)	Longitude ( $^{\circ}$ W)	Bottom depth (m)
Oddeyri	1	65°41.40'	18°04.29'	36
	2	65°41.40'	18°03.95'	46
	3	65°41.40'	18°03.60'	35
Nunnuhólmí	4	65°43.5'	18°07.0'	62
Dagverðareyri	5	65°46.0'	18°08.5'	50
	6	65°46.0'	18°08.0'	70
	7	65°46.0'	18°07.3'	71
	8	65°46.0'	18°06.7'	68
	9	65°46.0'	18°05.85'	44
Hjalteyri	10	65°49.4'	18°08.0'	90
Haganes	11	65°54.62'	18°16.0'	34
	12	65°54.8'	18°15.0'	98
	13	65°55.0'	18°14.0'	96
	14	65°55.25'	18°12.6'	76
Dalvík	15	65°59.0'	18°30.08'	25
	16	65°59.2'	18°28.8'	45
	17	65°59.4'	18°27.5'	54
	18	65°59.6'	18°26.3'	59
	19	65°59.8'	18°25.1'	49
Hrísey	20	66°00.3'	18°21.5'	35
	21	66°00.5'	18°20.75'	115
	22	66°00.65'	18°19.7'	116
	23	66°00.8'	18°18.65'	109
	24	66°01.0'	18°17.55'	36
Hrólfssker	25	66°05.0'	18°28.6'	131
	26	66°05.0'	18°22.8'	130
Gjögur	27	66°09.0'	18°37.8'	34
	28	66°09.0'	18°35.8'	127
	29	66°09.0'	18°33.6'	181
	30	66°09.0'	18°31.4'	205
	31	66°09.0'	18°29.2'	186
	32	66°09.0'	18°27.0'	89
	33	66°09.0'	18°24.8'	137
	34	66°09.0'	18°22.6'	105
	35	66°09.0'	18°20.9'	44
Eyjafjarðaráll	36	66°15.6'	18°34.0'	343

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Figures 4.1-7.3. Progressive vector diagrams of the 25 hr moving average currents.

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Figure 5. The numbering of the CTD stations. Also shown are the names of the cross sections.

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Mynd 1. Stöðvanetið.

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Myndir 4.1-7.1. Straumur ( $u$  er austur-vestur hluti straumsins og  $v$  er norður-suðurhlutinn. Brotna línan sýnir 2 klukkustunda hlaupandi meðaltöl en heila línan 25 klukkustunda hlaupandi meðaltöl).

Myndir 4.1-7.2. Straumvektorar af 25 klukkustunda hlaupandi meðaltölum.

Myndir 4.1-7.3. Framskreiður hraðavektor af 25 klukkustunda hlaupandi meðaltölum.

Myndir 4.1-7.4. Dreifing á 2 klukkustunda hlaupandi meðaltölum af strauminum.

Langásinn sýnir stefnuna sem straumurinn hefur mesta tilhneigingu til að fylgja og lengd hans er tvöföld kvaðratrótin af breytileikanum í straumnum í þá stefnu. Skammásinn sýnir stefnuna sem straumurinn hefur minnsta tilhneigingu til að fylgja og lengd hans er tvöföld kvaðratrótin af breytileikanum í straumnum í þá stefnu. Örin frá upphafspunktinum að skurðpunktí ásanna sýnir meðalstraumvektorinn.

Mynd 5. Staðsetning CTD stöðvanna. Einnig eru sýnd nöfn þversniðanna.

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Myndir 5.10.1-5.24.8. Lárétt dreifing á hitastigi, seltu og sigma-t ( $\sigma_t$ ).

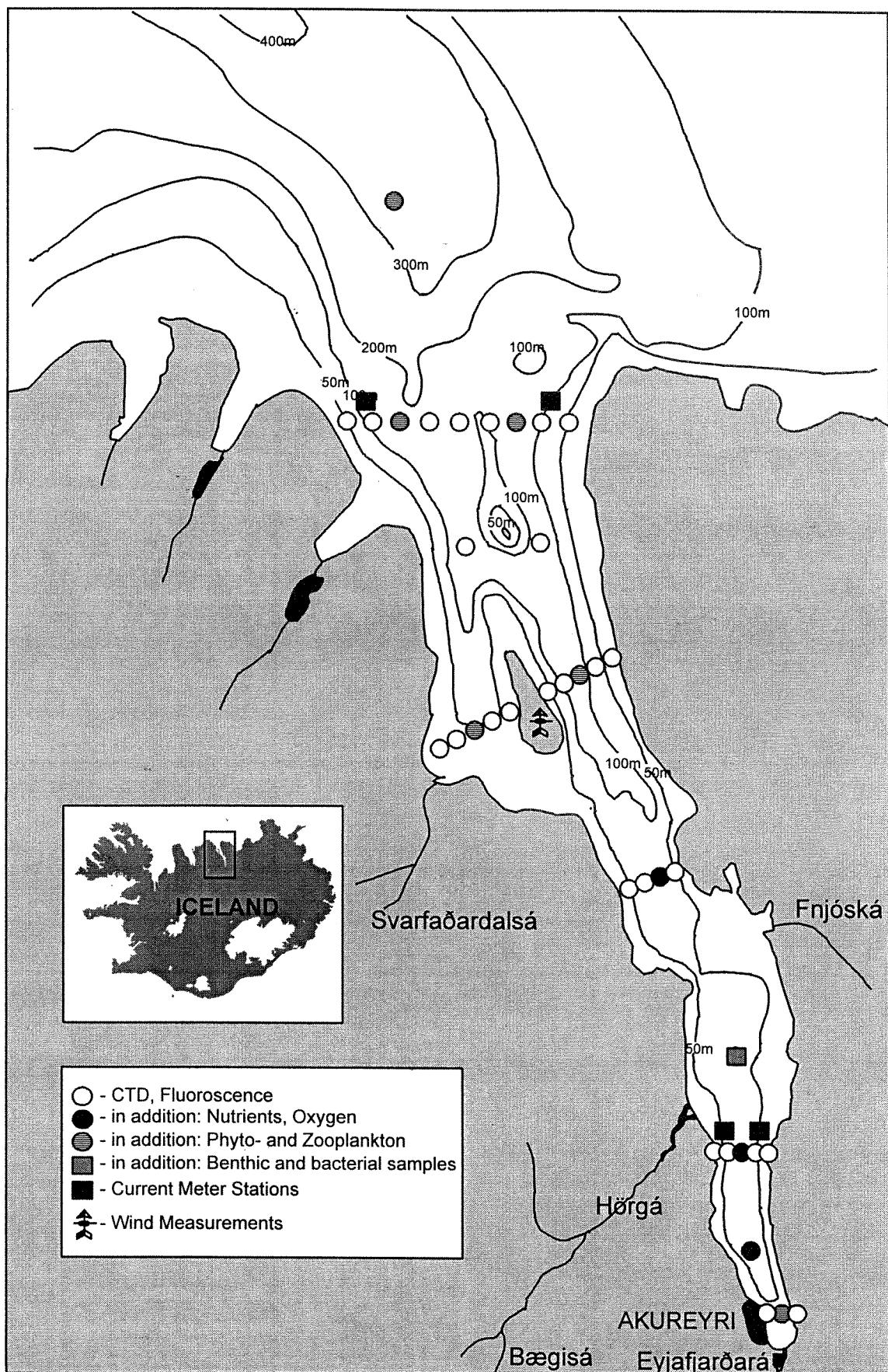


Figure 1: This map shows the study area. All the stations are shown. Also shown are the names of the four main rivers entering the fjord together with Bægisá.

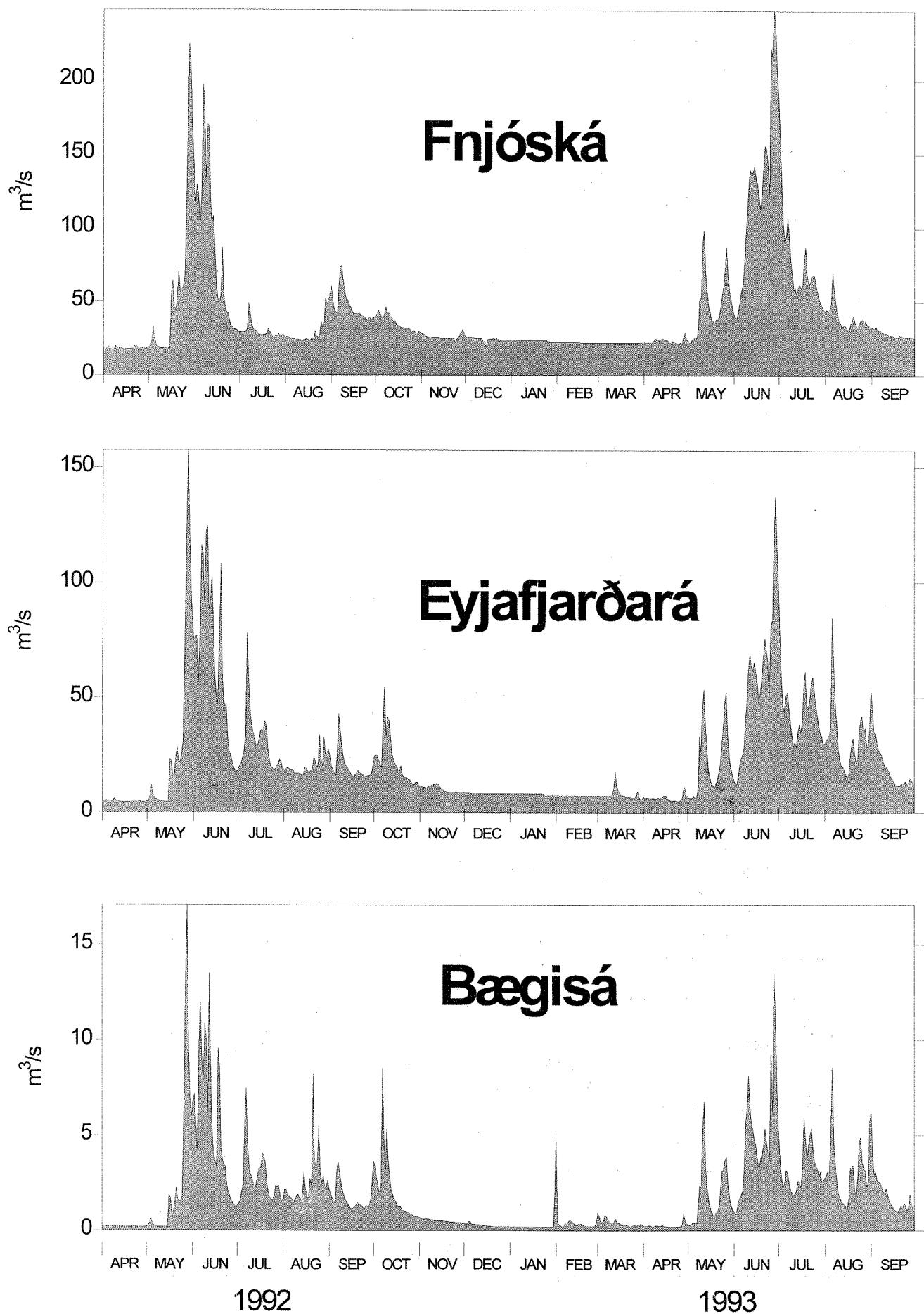


Figure 2. The runoff from Fnjóská, Eyjafjarðará and Bægisá.

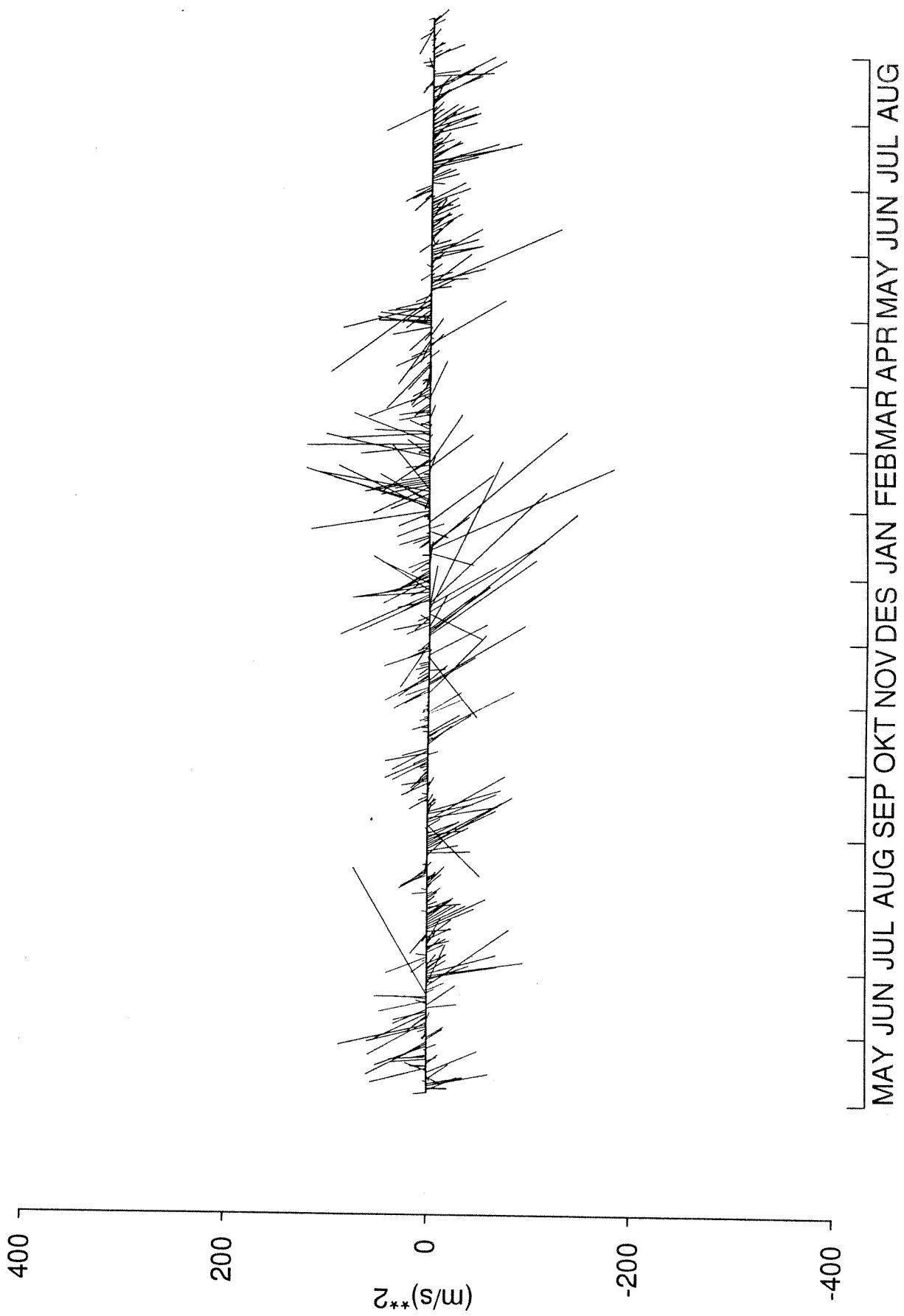


Figure 3.1.1. Stick plot of pseudo wind stress  $\bar{\tau}$  from Akureyri. ( $\bar{\tau} = \bar{w}|\bar{w}|$  where  $\bar{w}$  is the wind vector).

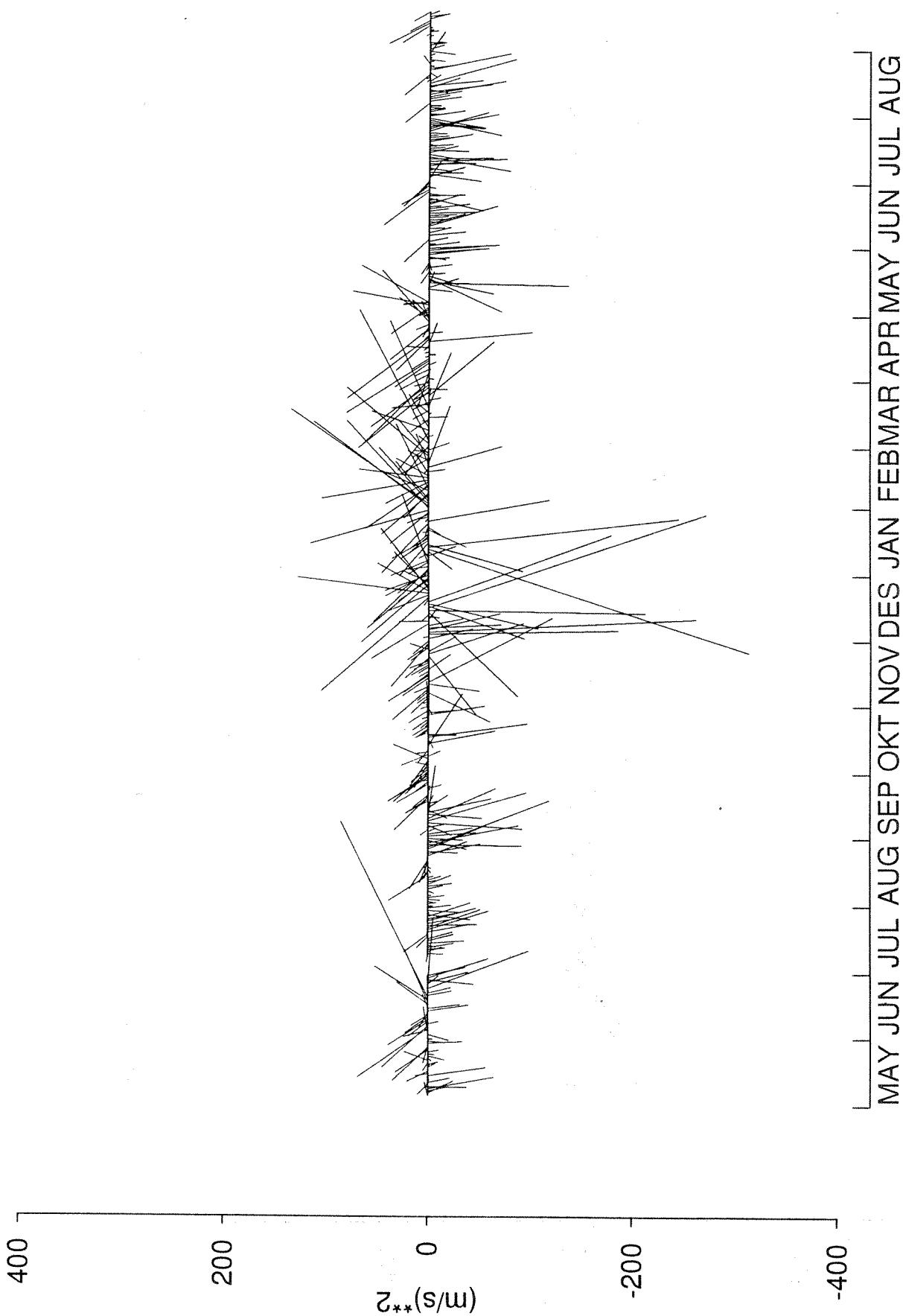


Figure 3.1.2. Stick plot of pseudo wind stress  $\bar{\tau}$  from Hrisey. ( $\bar{\tau} = \overline{w|w|}$  where  $\overline{w}$  is the wind vector).

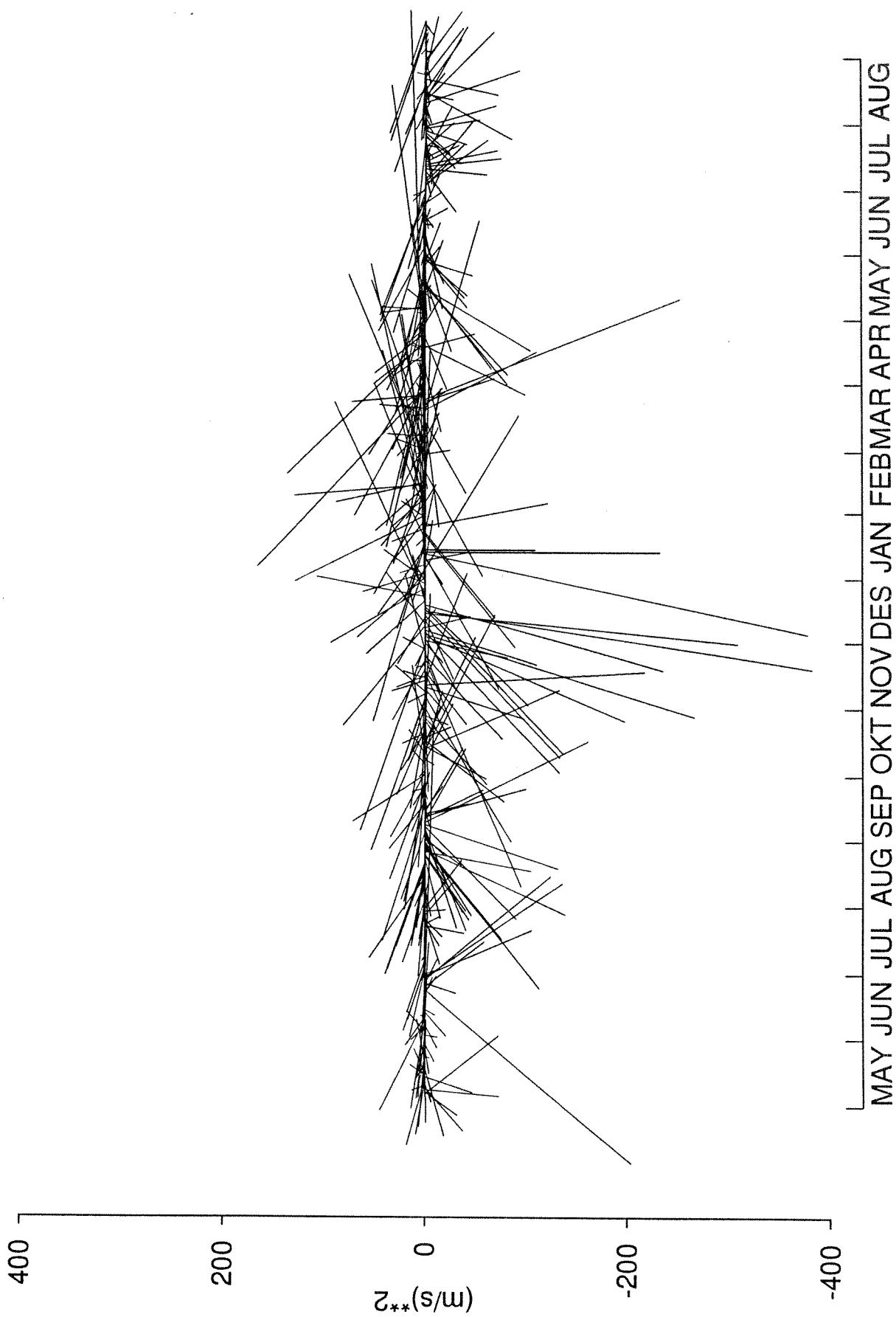


Figure 3.1.3. Stick plot of pseudo wind stress  $\bar{\tau}$  from Grimsey. ( $\bar{\tau} = \bar{w}|\bar{w}|$  where  $\bar{w}$  is the wind vector).

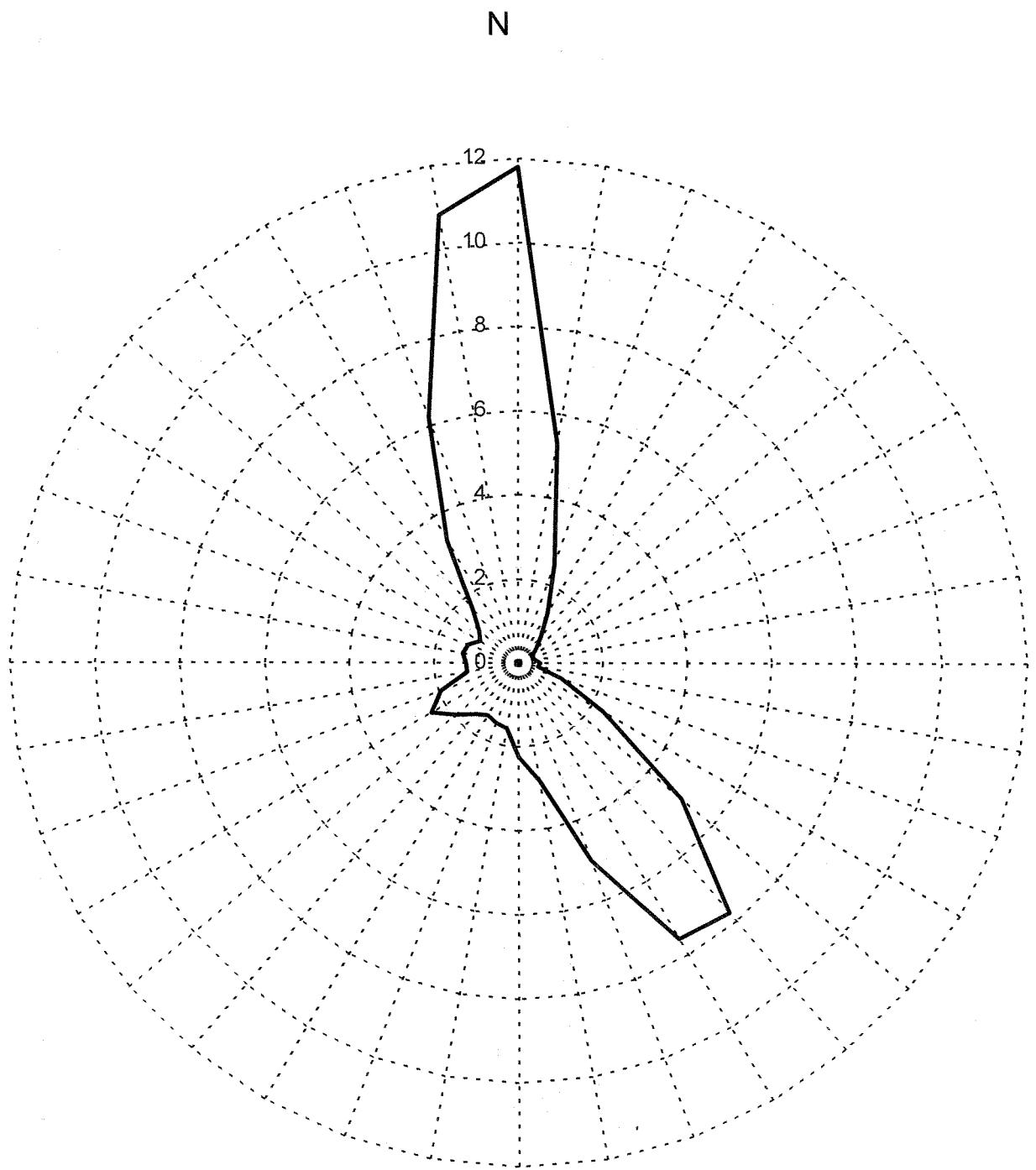


Figure 3.2. Frequency (%) of wind directions in Hrísey from 5/5 1992 - 16/9 1993.

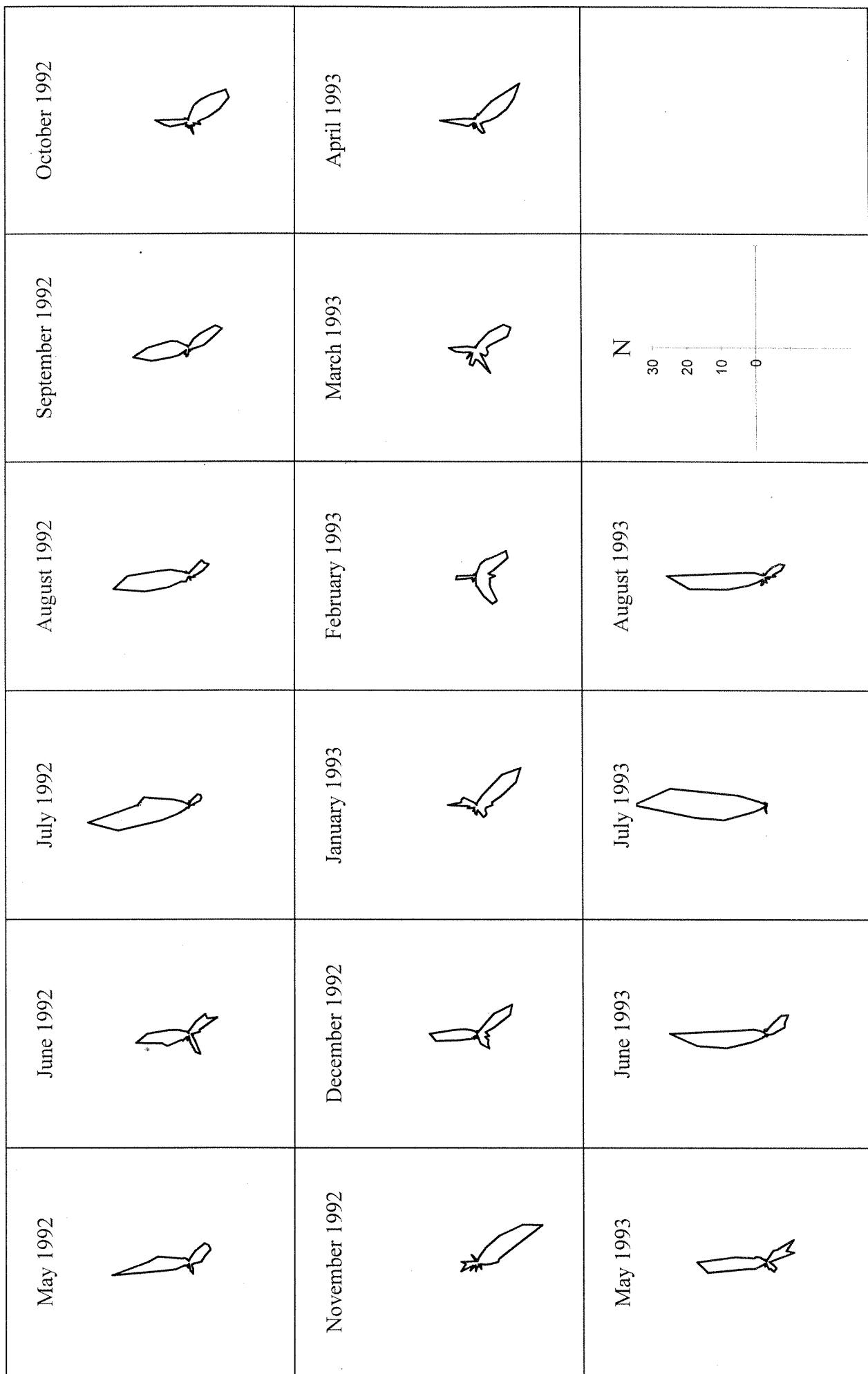


Figure 3.3. Frequency (%) of wind directions in Hrifsey for each month.

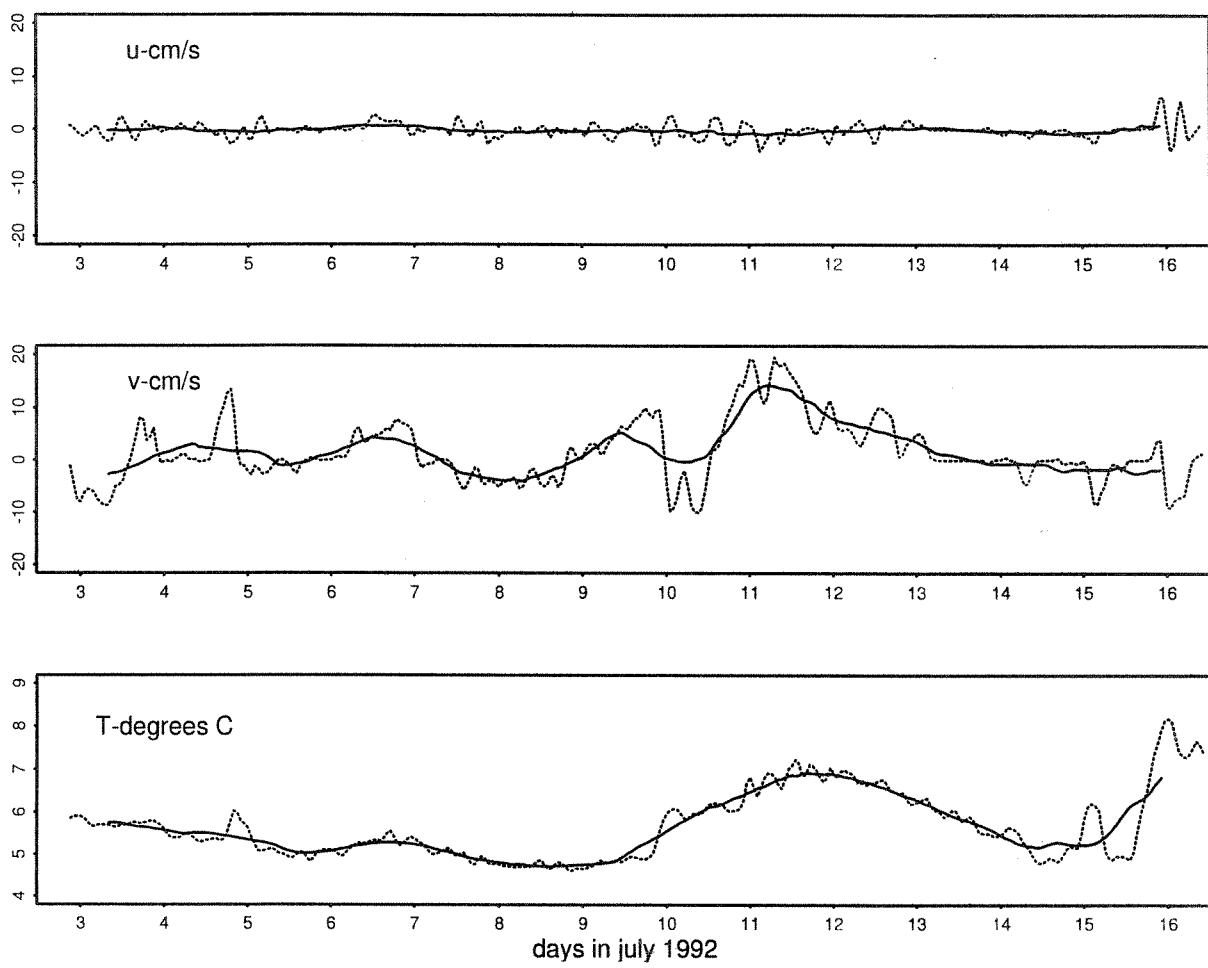


Figure 4.1.1. Current components and temperature (u is the east-west component, v is the north-south component) at Dagverðareyri east 15 m. The dashed line is 2 hr moving averages while the solid line is 25 hr moving averages.

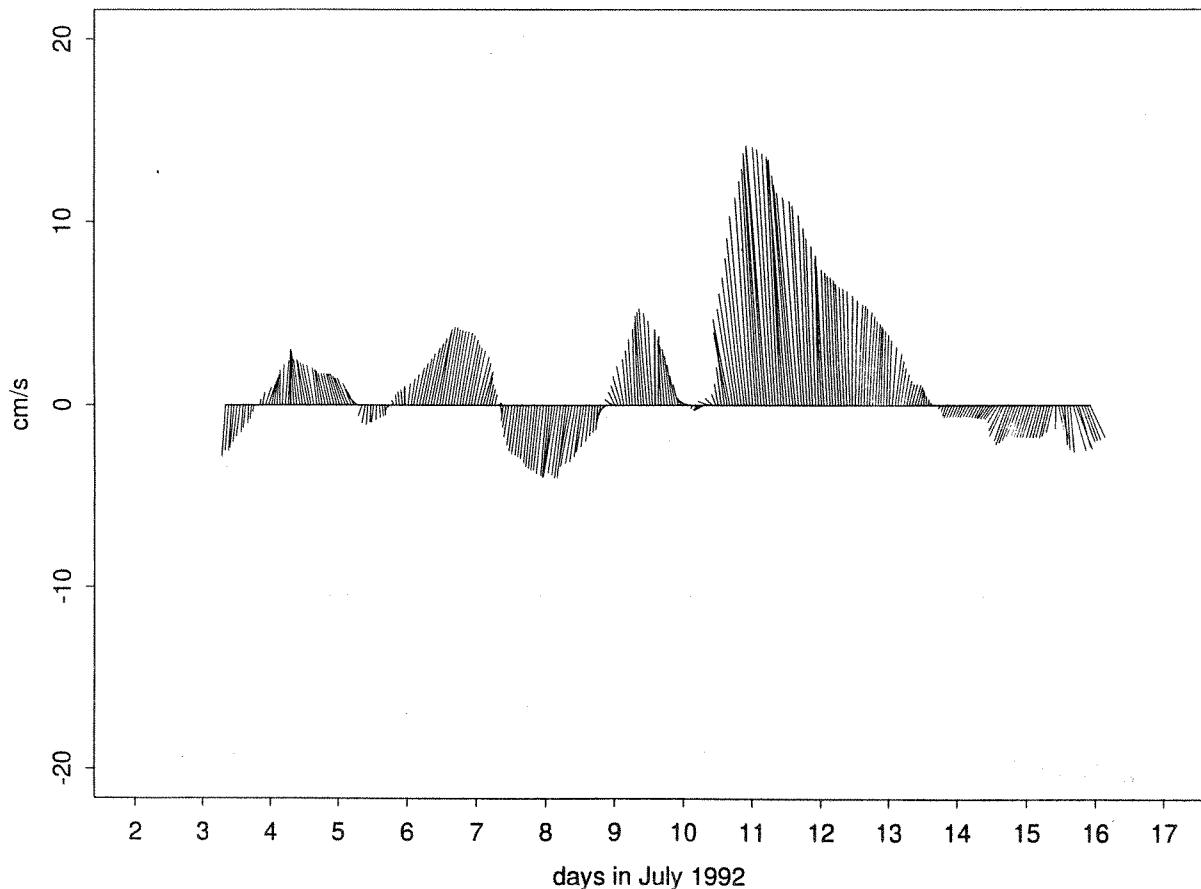


Figure 4.1.2. Stick plot of 25 hr moving average currents at Dagverðareyri east 15 m.

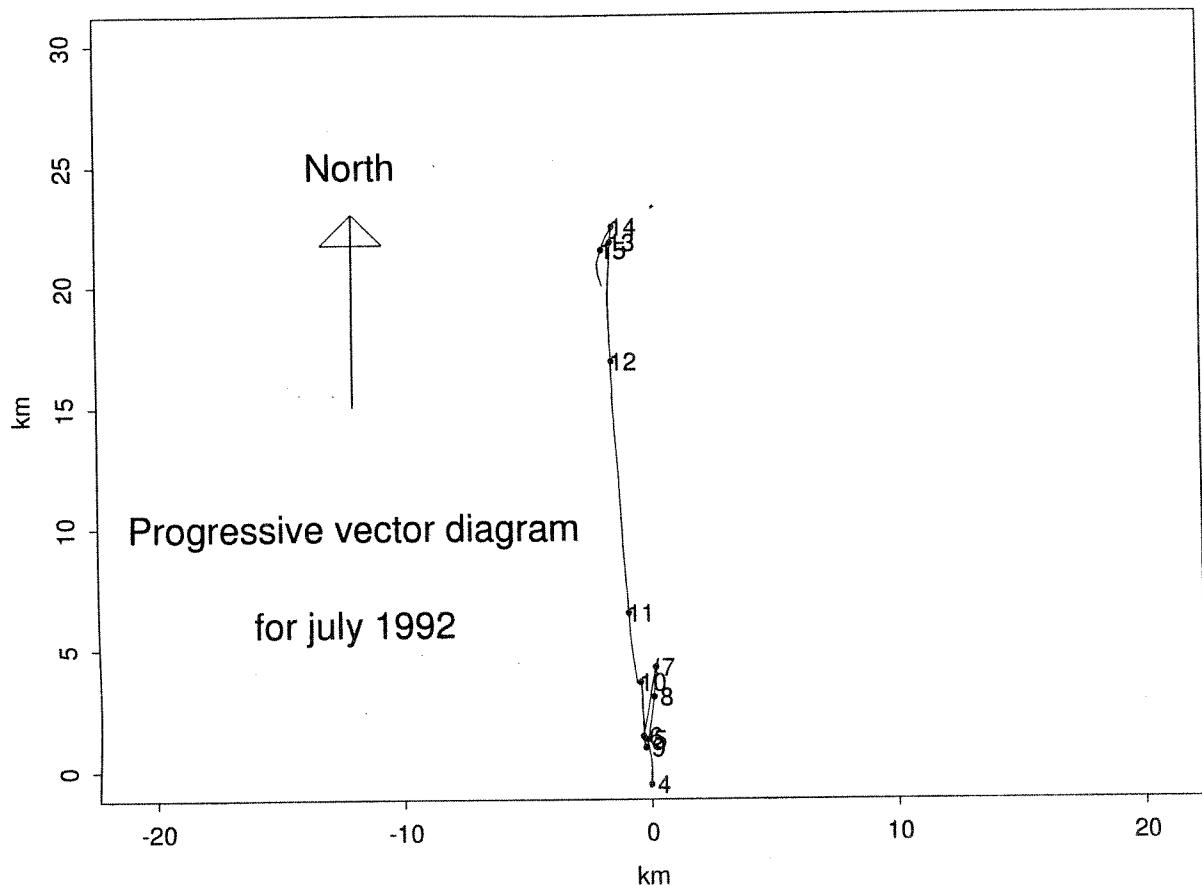


Figure 4.1.3. Progressive vector diagram of the 25 hr moving average currents at Dagverðareyri east 15 m.

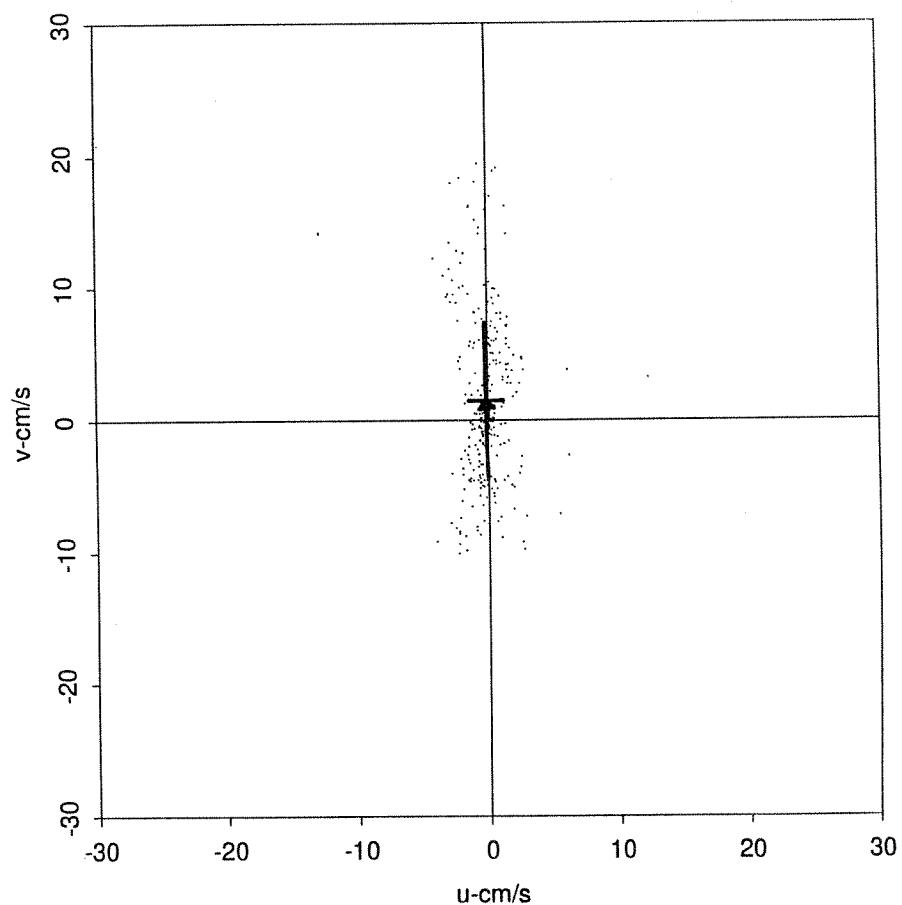


Figure 4.1.4. Scatterplots of 2 hr moving average currents at Dagverðareyri east 15 m. The major axis shows the most preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The minor axis shows the least preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The arrow from the origin to the center of the cross represents the mean current.

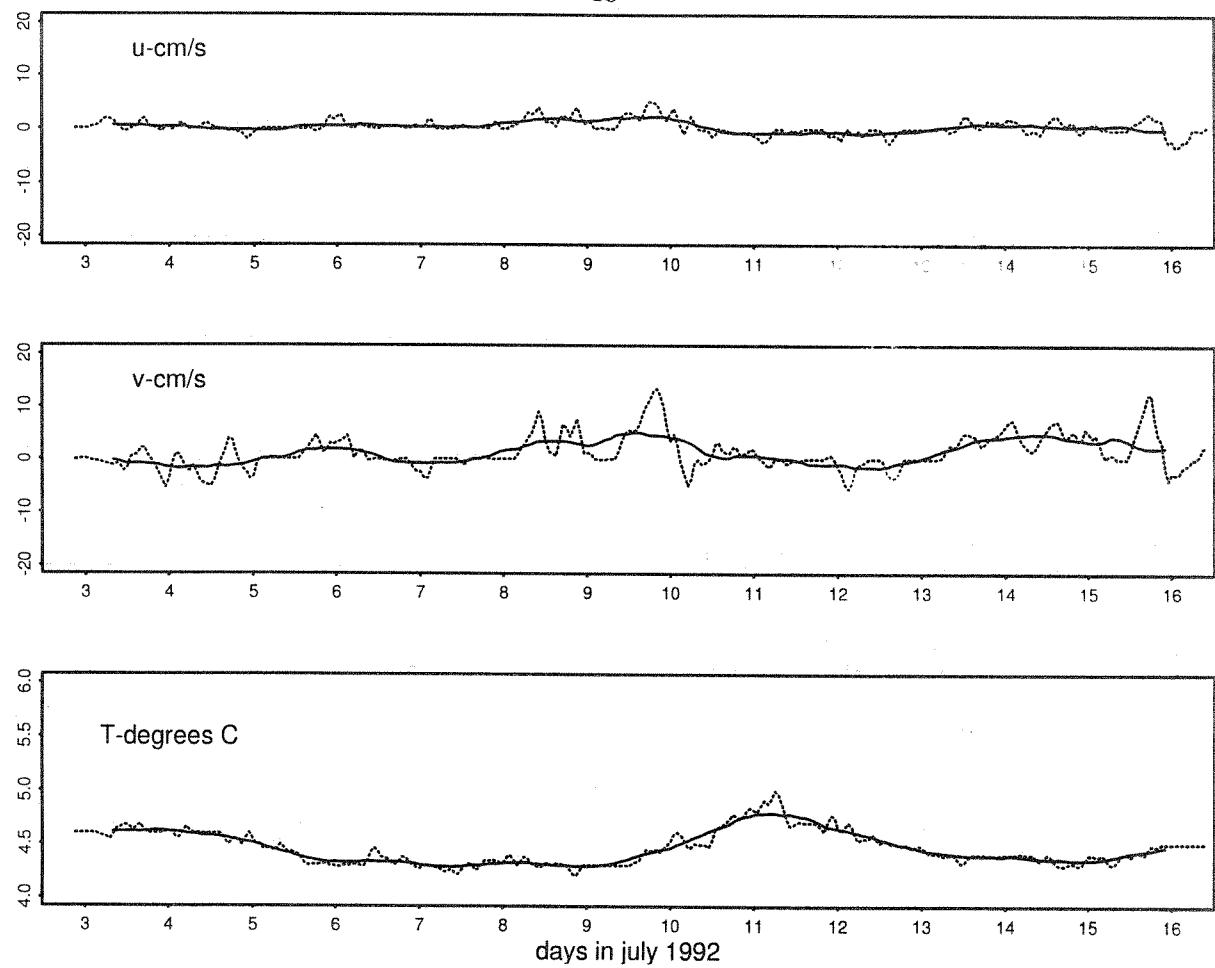


Figure 4.2.1. Current components and temperature (u is the east-west component, v is the north-south component) at Dagverðareyri east 40 m. The dashed line is 2 hr moving averages while the solid line is 25 hr moving averages.

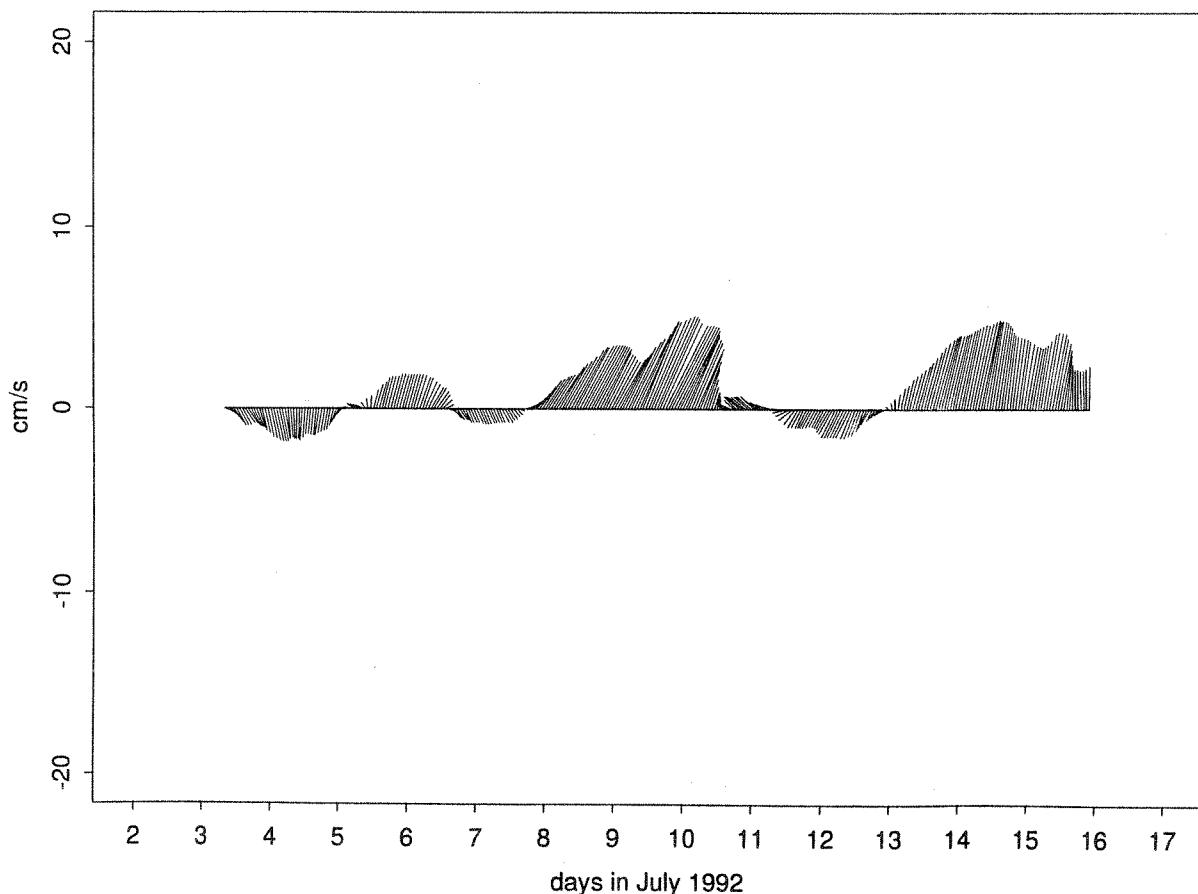


Figure 4.2.2. Stick plot of 25 hr moving average currents at Dagverðareyri east 40 m.

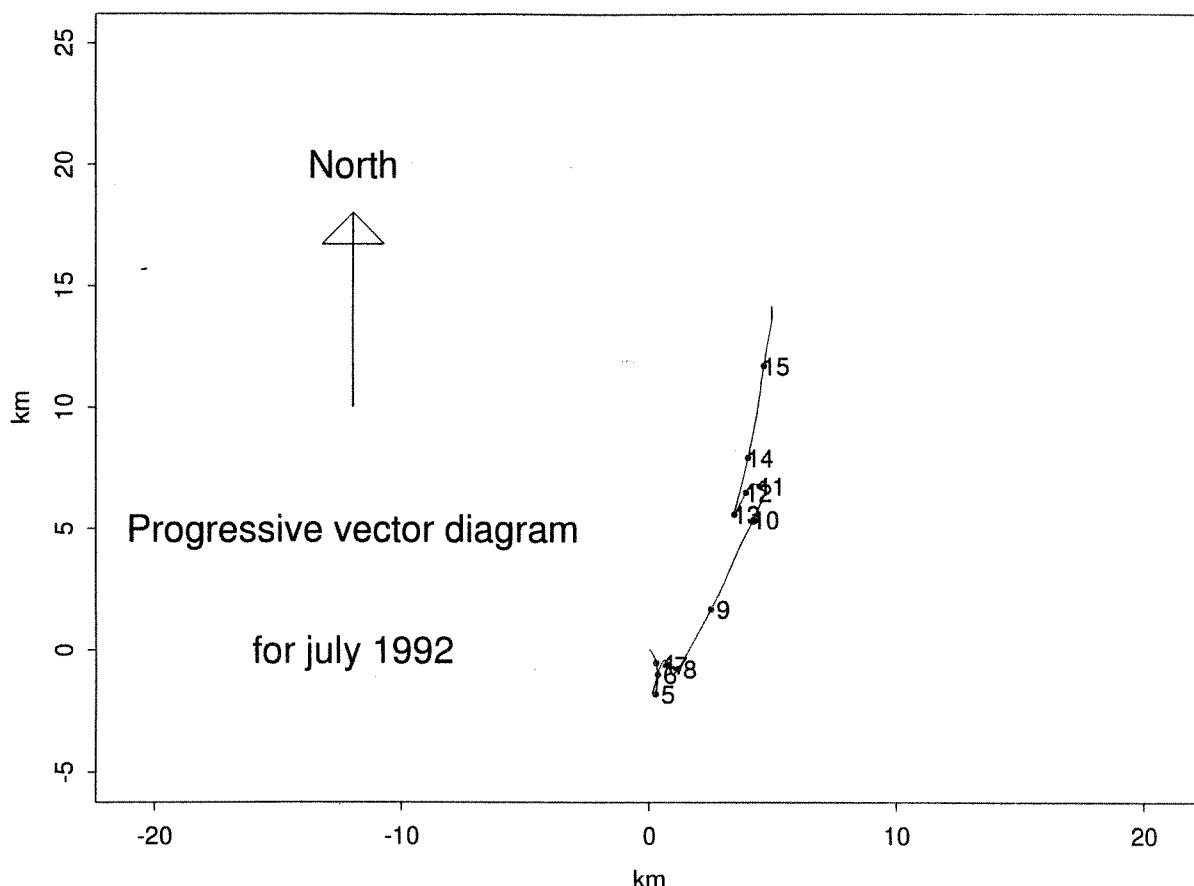


Figure 4.2.3. Progressive vector diagram of the 25 hr moving average currents at Dagverðareyri east 40 m.

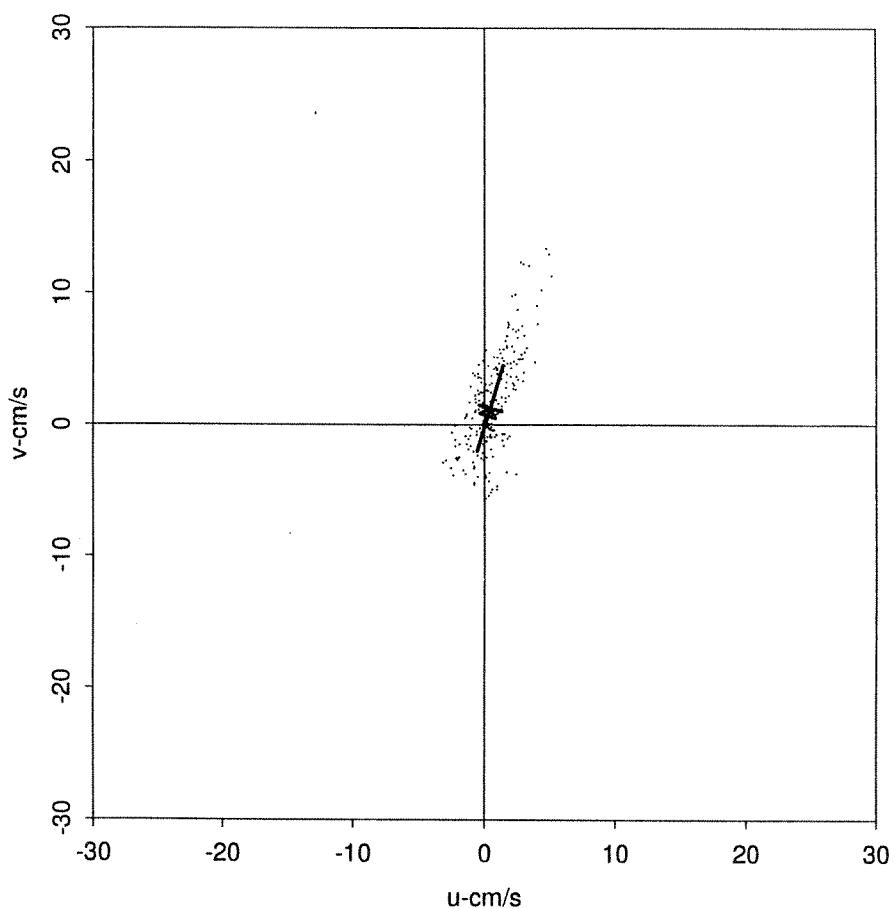


Figure 4.2.4. Scatterplots of 2 hr moving average currents at Dagverðareyri east 40 m. The major axis shows the most preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The minor axis shows the least preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The arrow from the origin to the center of the cross represents the mean current.

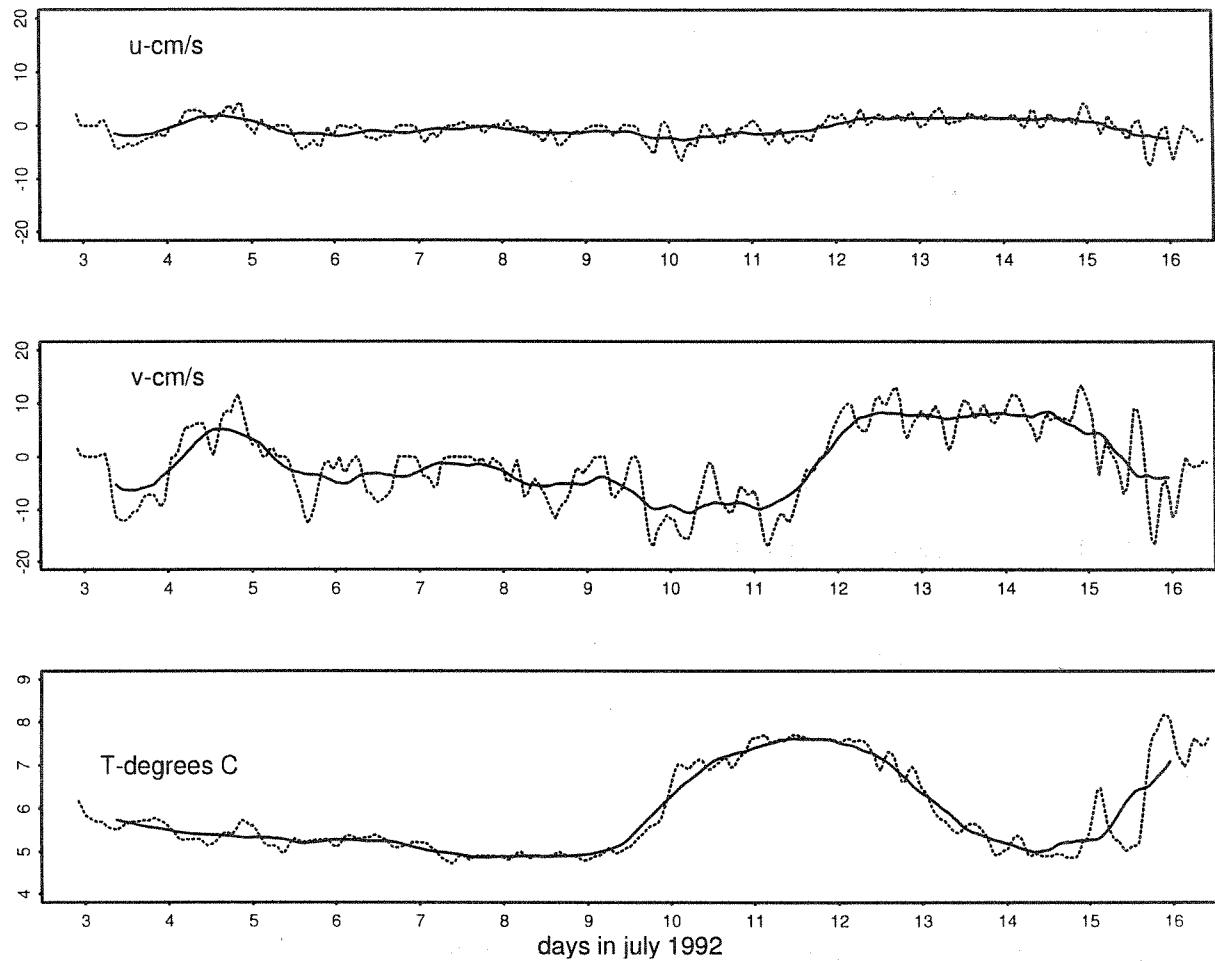


Figure 4.3.1. Current components and temperature (u is the east-west component, v is the north-south component) at Dagverðareyri west 15 m. The dashed line is 2 hr moving averages while the solid line is 25 hr moving averages.

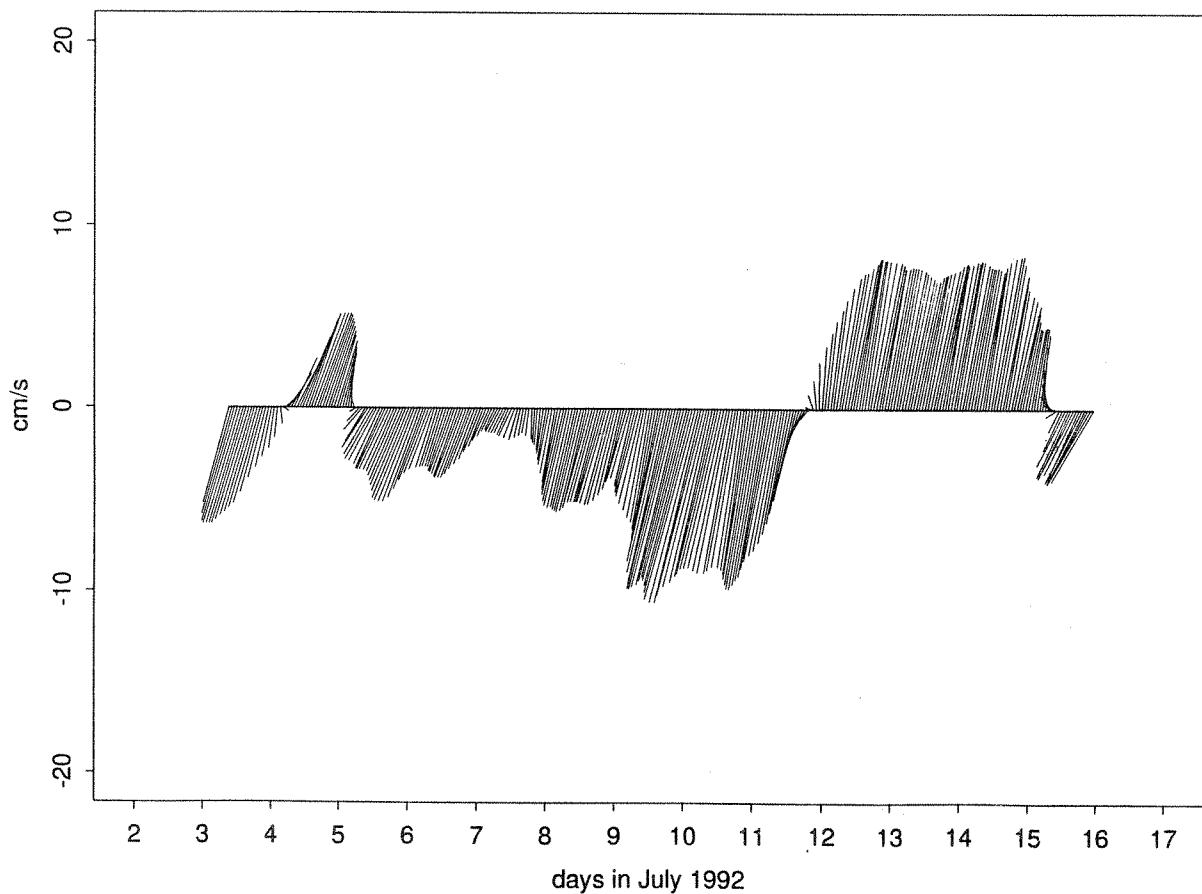


Figure 4.3.2. Stick plot of 25 hr moving average currents at Dagverðareyri west 15 m.

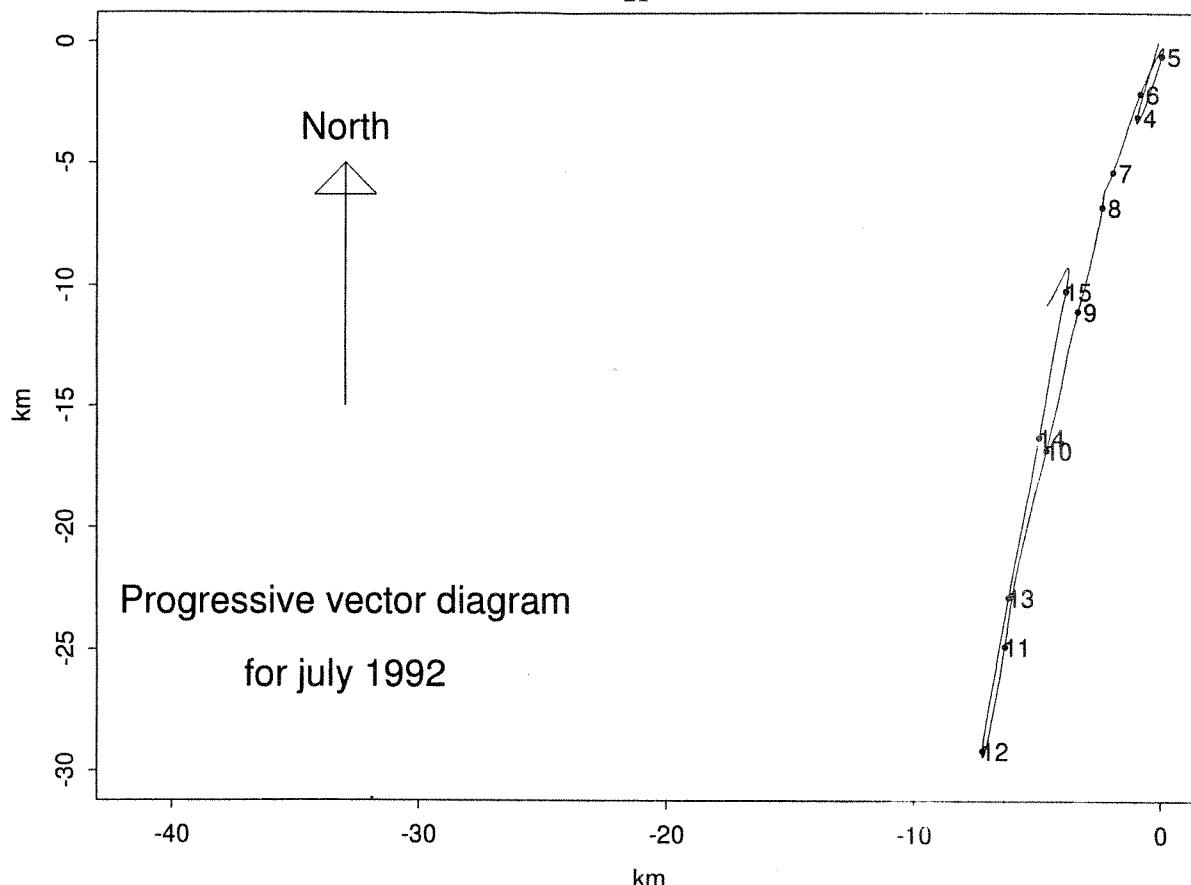


Figure 4.3.3. Progressive vector diagram of the 25 hr moving average currents at Dagverðareyri west 15 m.

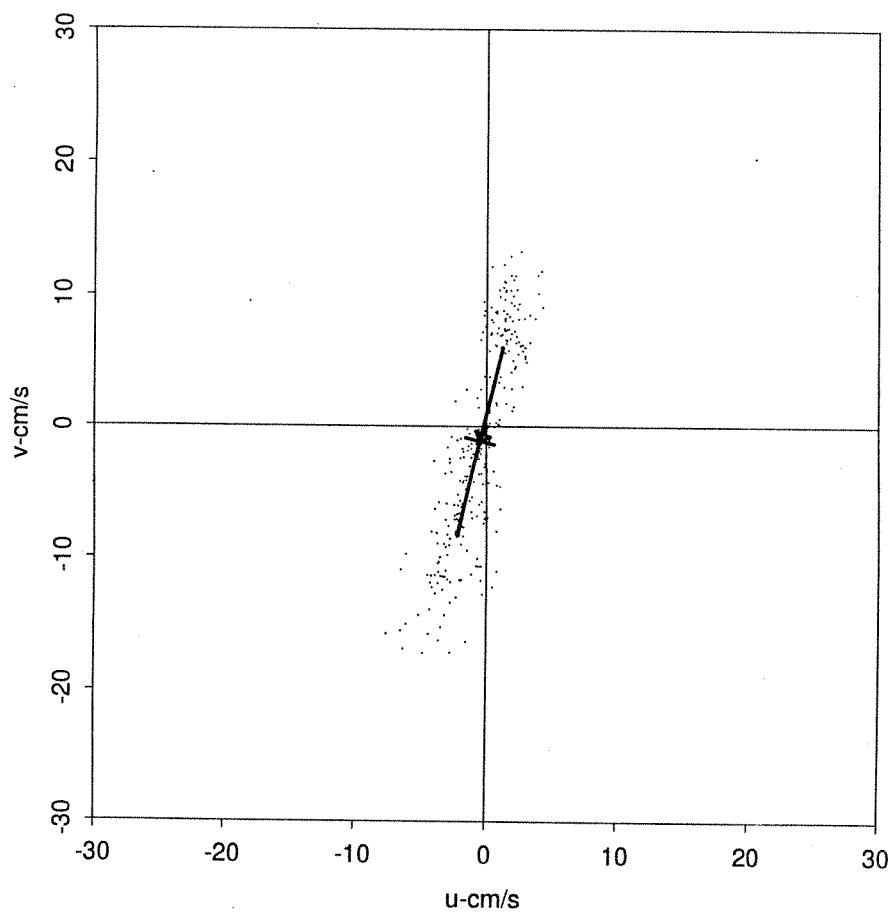


Figure 4.3.4. Scatterplots of 2 hr moving average currents at Dagverðareyri west 15 m. The major axis shows the most preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The minor axis shows the least preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The arrow from the origin to the center of the cross represents the mean current.

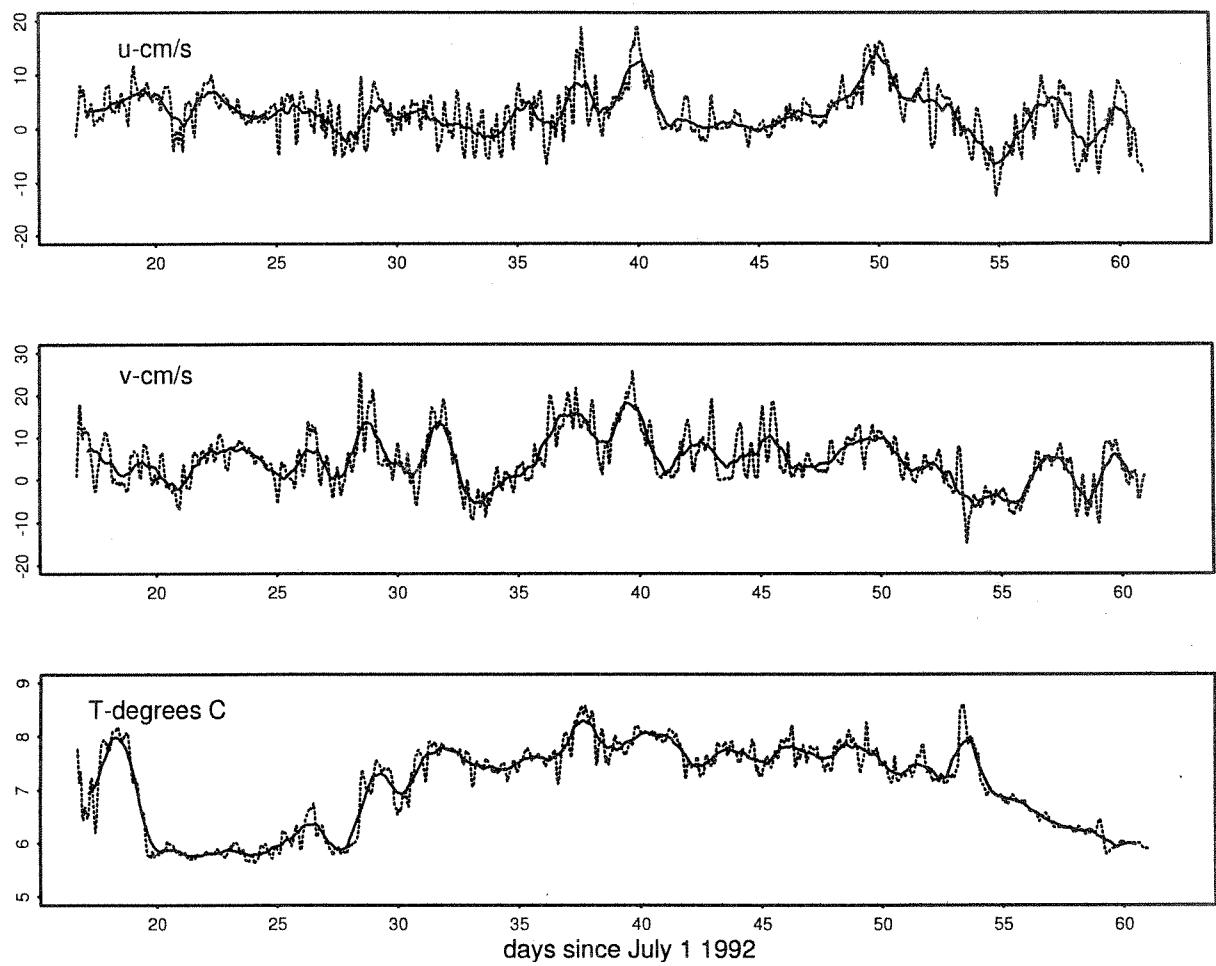


Figure 4.4.1. Current components and temperature ( $u$  is the east-west component,  $v$  is the north-south component) at Gjögur east 15 m. The dashed line is 2 hr moving averages while the solid line is 25 hr moving averages.

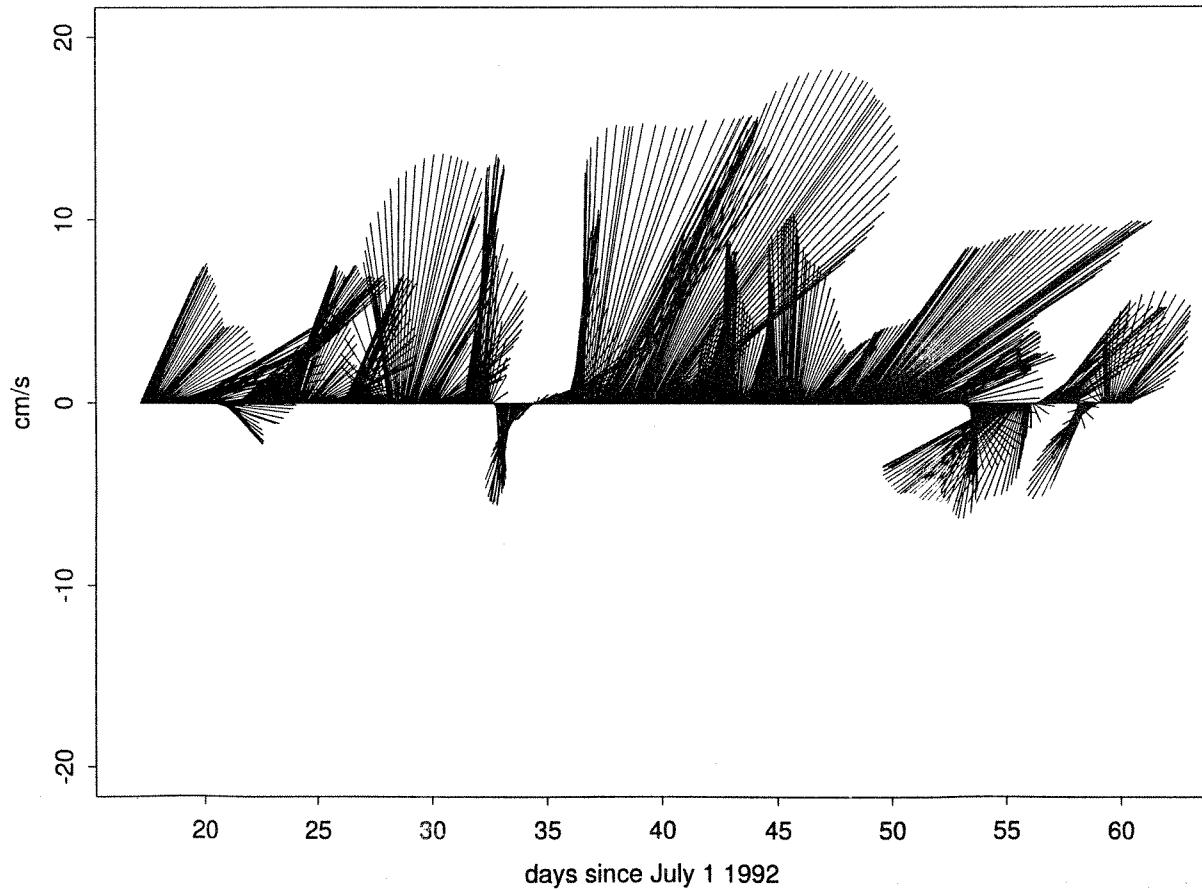


Figure 4.4.2. Stick plot of 25 hr moving average currents at Gjögur east 15 m.

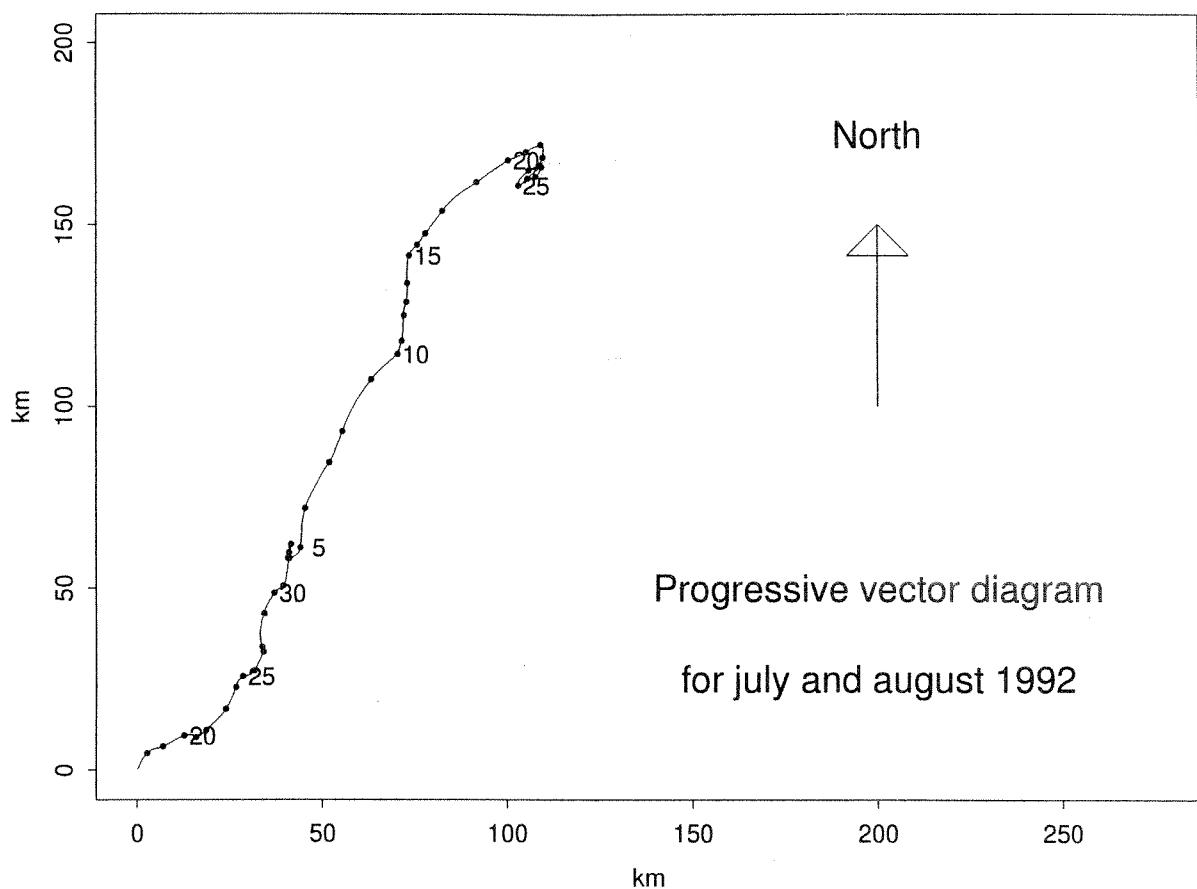


Figure 4.4.3. Progressive vector diagram of the 25 hr moving average currents at Gjögur east 15 m.

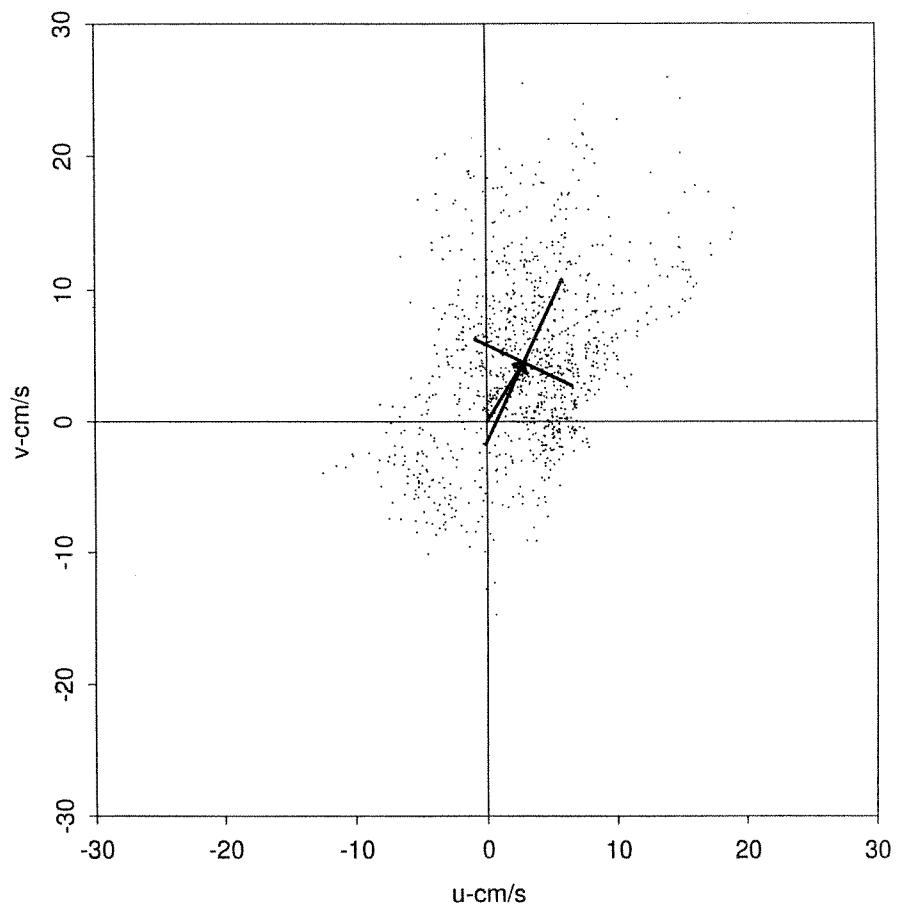


Figure 4.4.4. Scatterplots of 2 hr moving average currents at Gjögur east 15 m. The major axis shows the most preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The minor axis shows the least preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The arrow from the origin to the center of the cross represents the mean current.

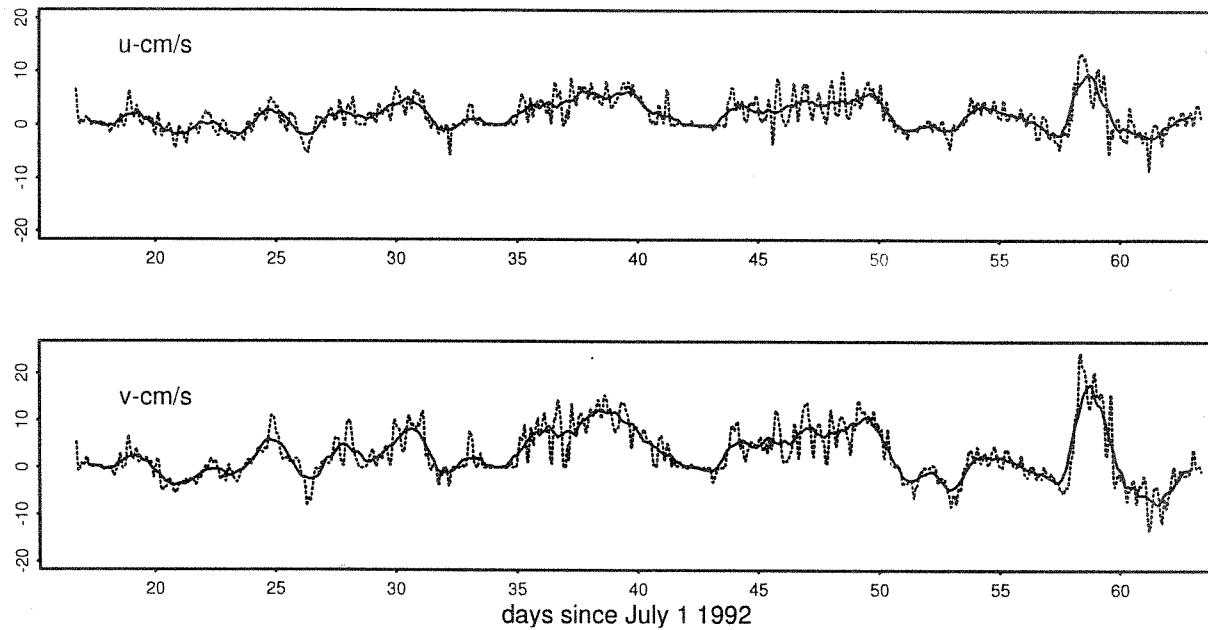


Figure 4.5.1. Current components ( $u$  is the east-west component,  $v$  is the north-south component) at Gjögur east 85 m. The dashed line is 2 hr moving averages while the solid line is 25 hr moving averages.

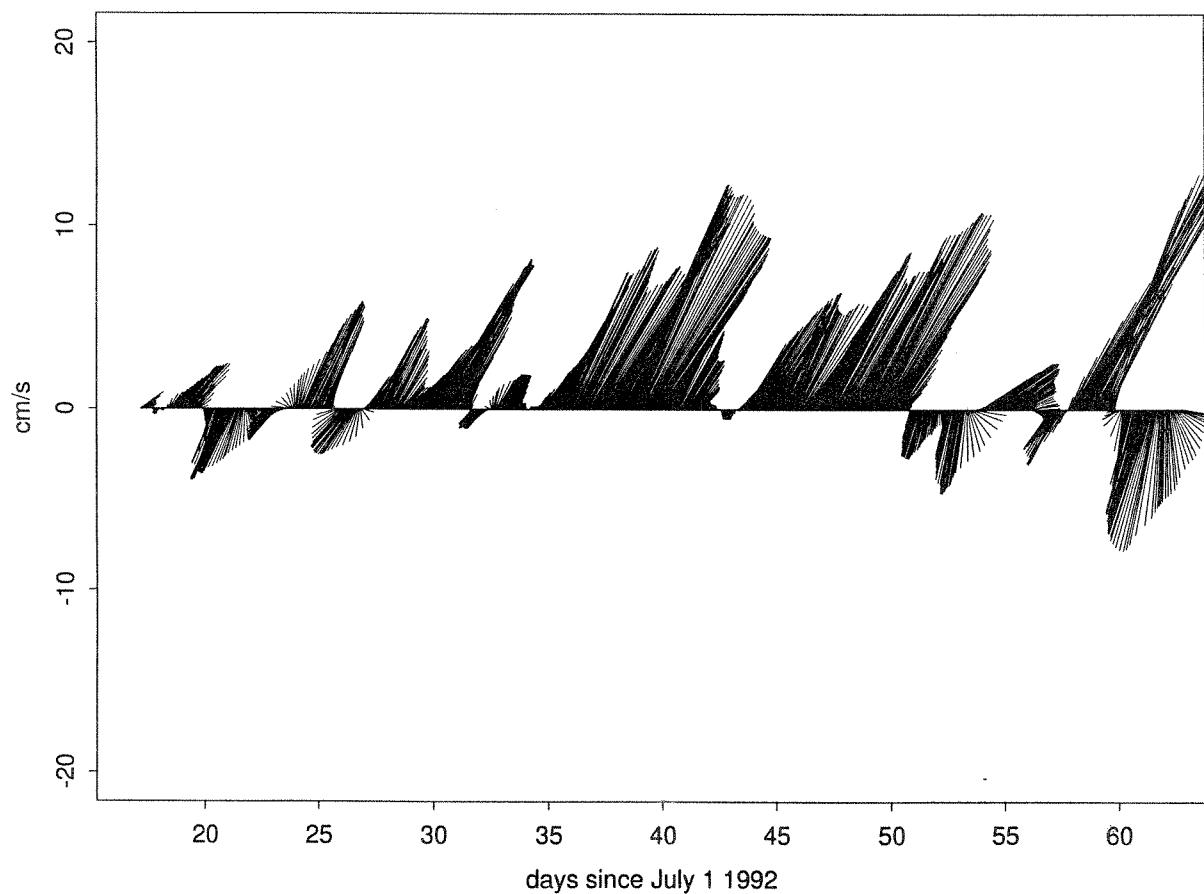


Figure 4.5.2. Stick plot of 25 hr moving average currents at Gjögur east 85 m.

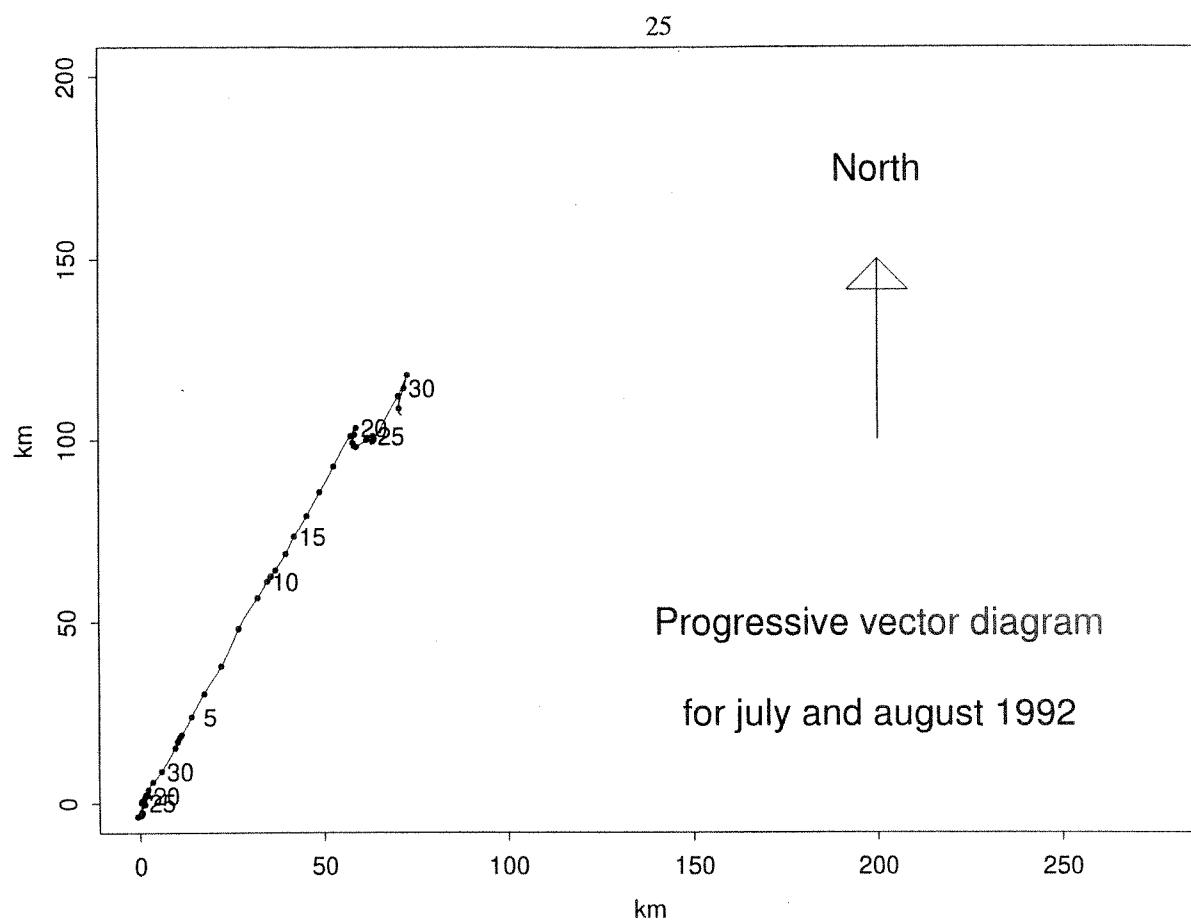


Figure 4.5.3. Progressive vector diagram of the 25 hr moving average currents at Gjögur east 85 m.

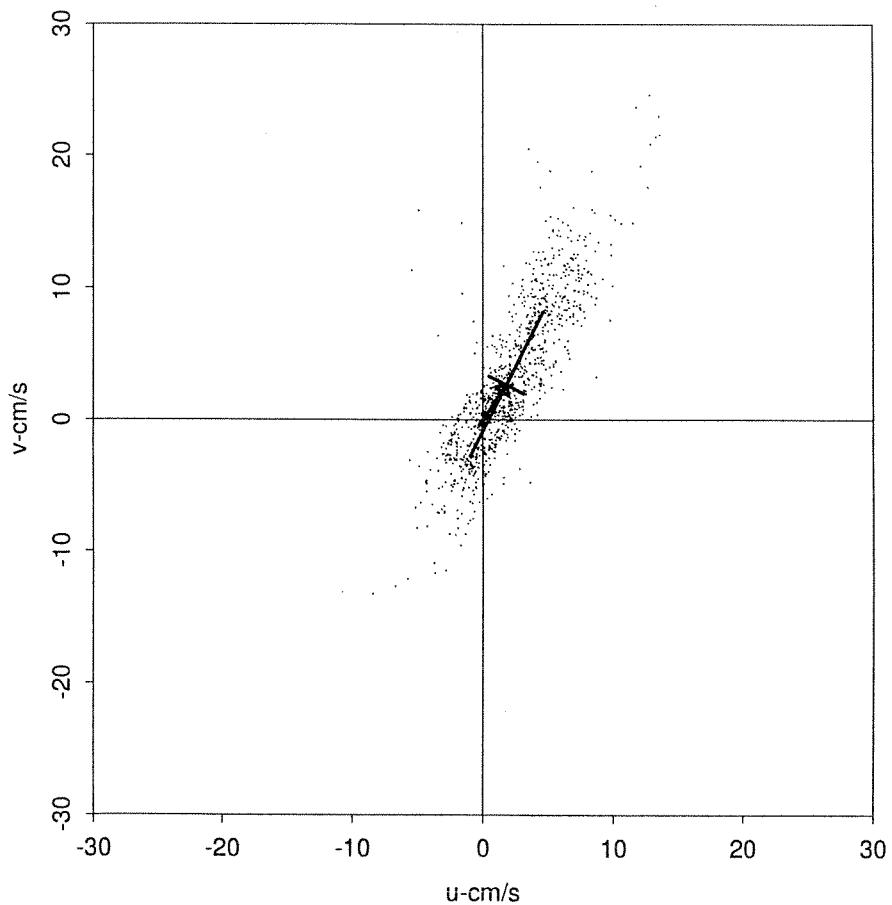


Figure 4.5.4. Scatterplots of 2 hr moving average currents at Gjögur east 85 m. The major axis shows the most preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The minor axis shows the least preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The arrow from the origin to the center of the cross represents the mean current.

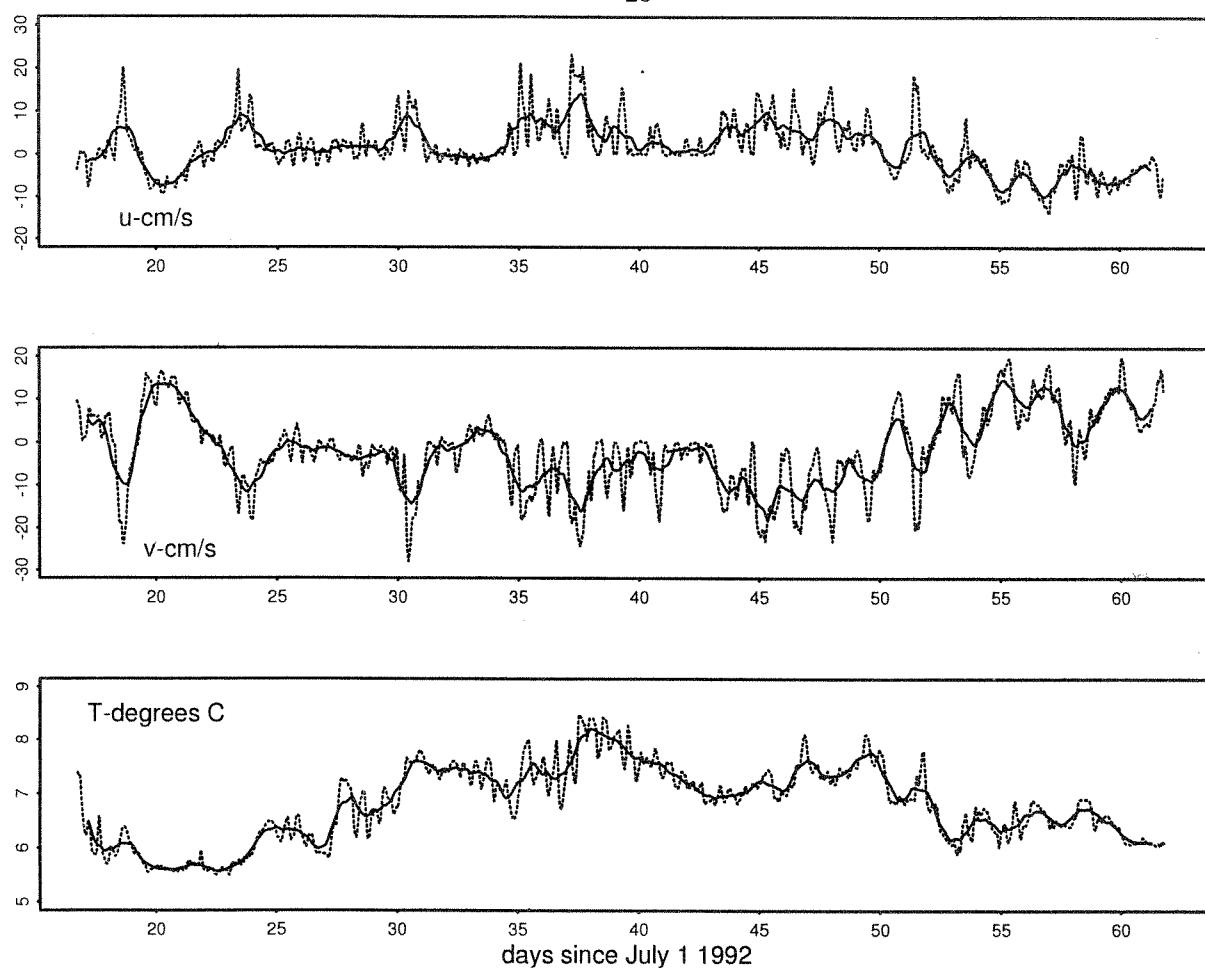


Figure 4.6.1. Current components and temperature (u is the east-west component, v is the north-south component) at Gjögur west 15 m. The dashed line is 2 hr moving averages while the solid line is 25 hr moving averages.

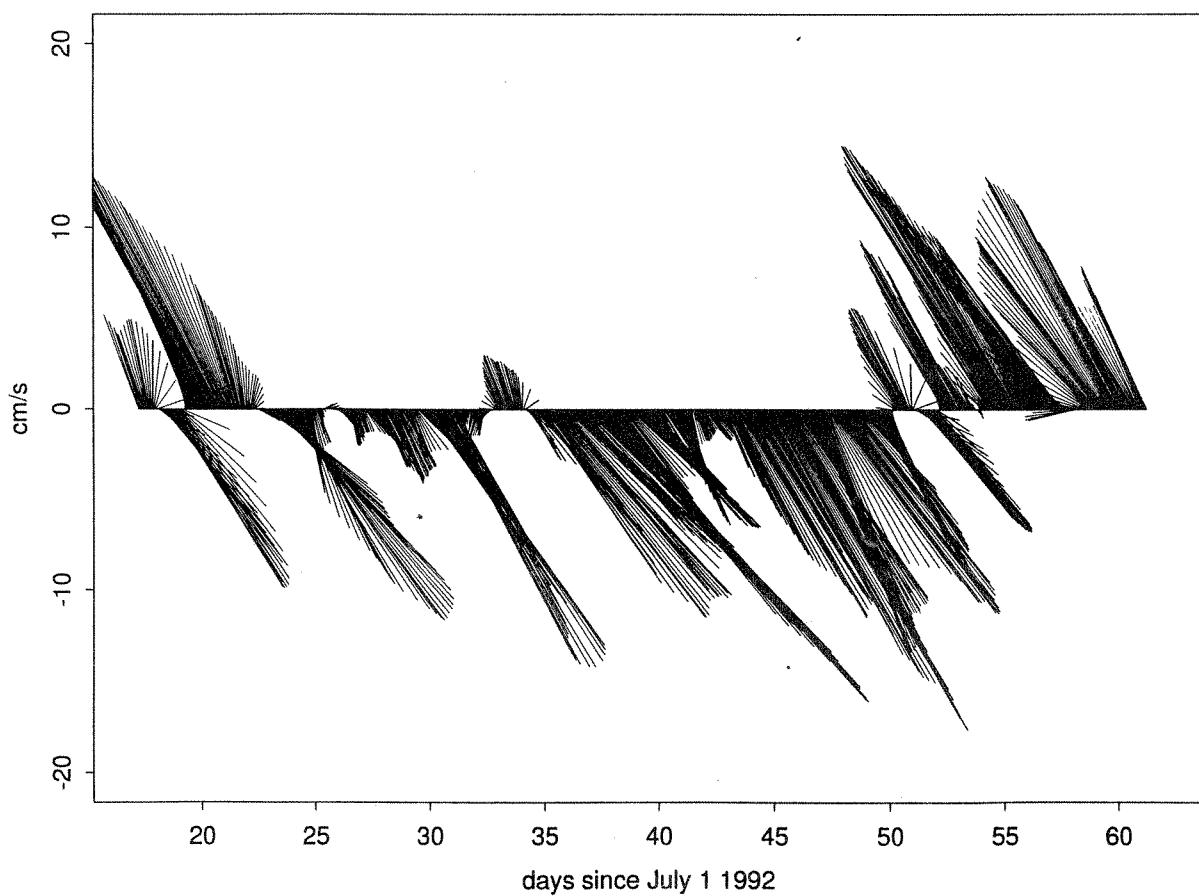


Figure 4.6.2. Stick plot of 25 hr moving average currents at Gjögur west 15 m.

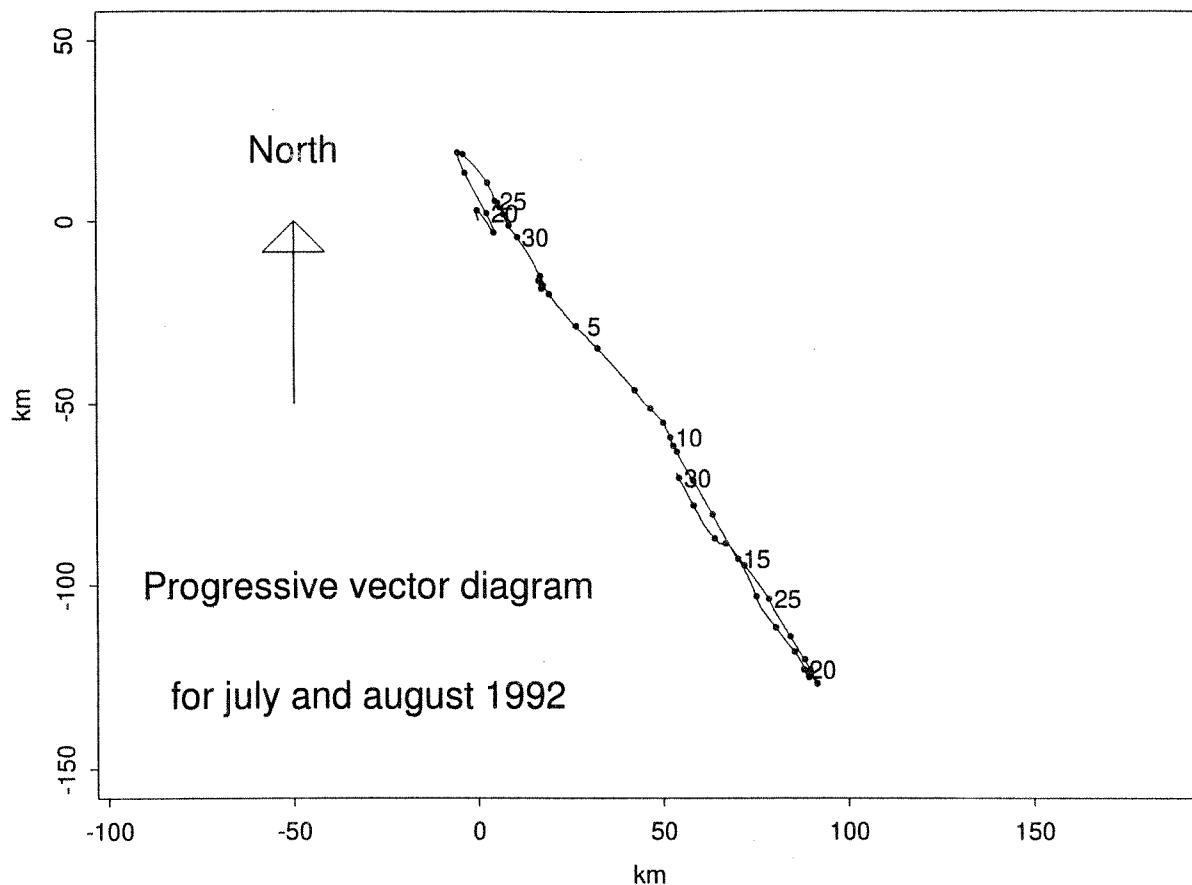


Figure 4.6.3. Progressive vector diagram of the 25 hr moving average currents at Gjögur west 15 m.

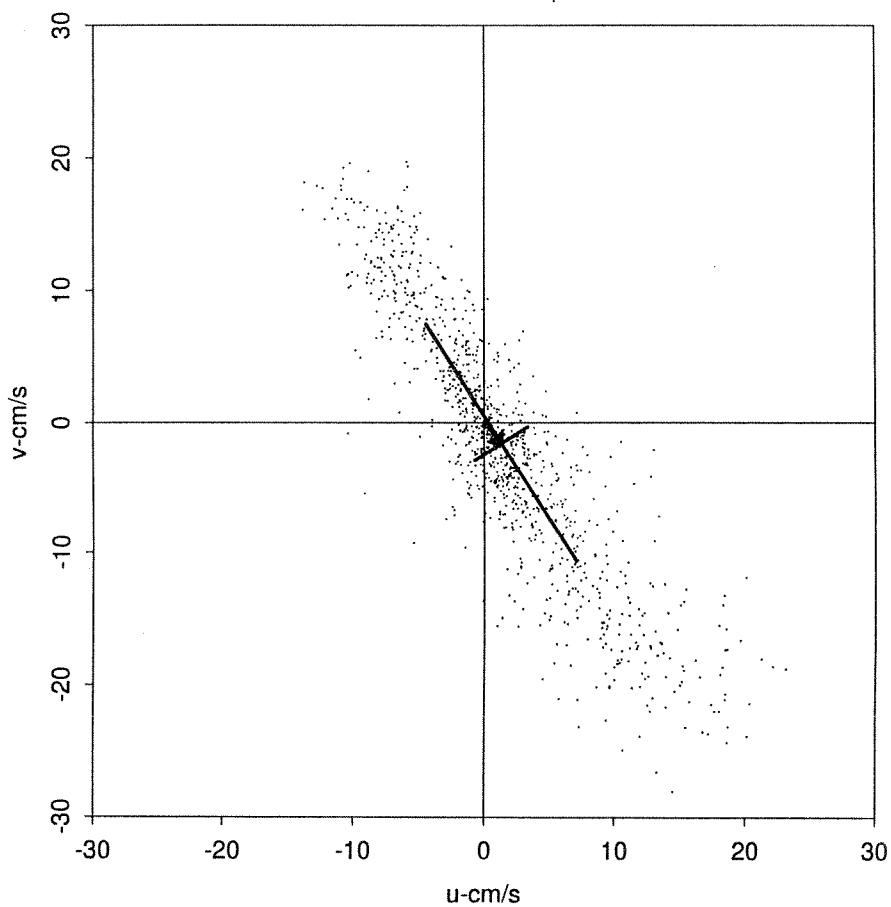


Figure 4.6.4. Scatterplots of 2 hr moving average currents at Gjögur west 15 m. The major axis shows the most preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The minor axis shows the least preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The arrow from the origin to the center of the cross represents the mean current.

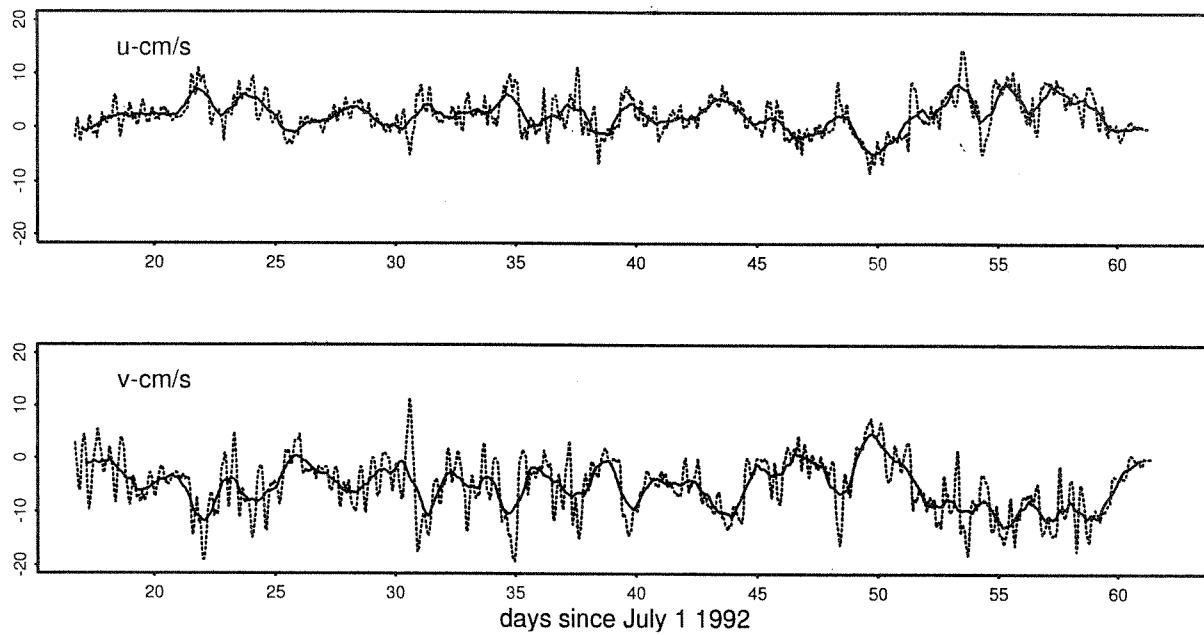


Figure 4.7.1. Current components ( $u$  is the east-west component,  $v$  is the north-south component) at Gjögur west 85 m. The dashed line is 2 hr moving averages while the solid line is 25 hr moving averages.

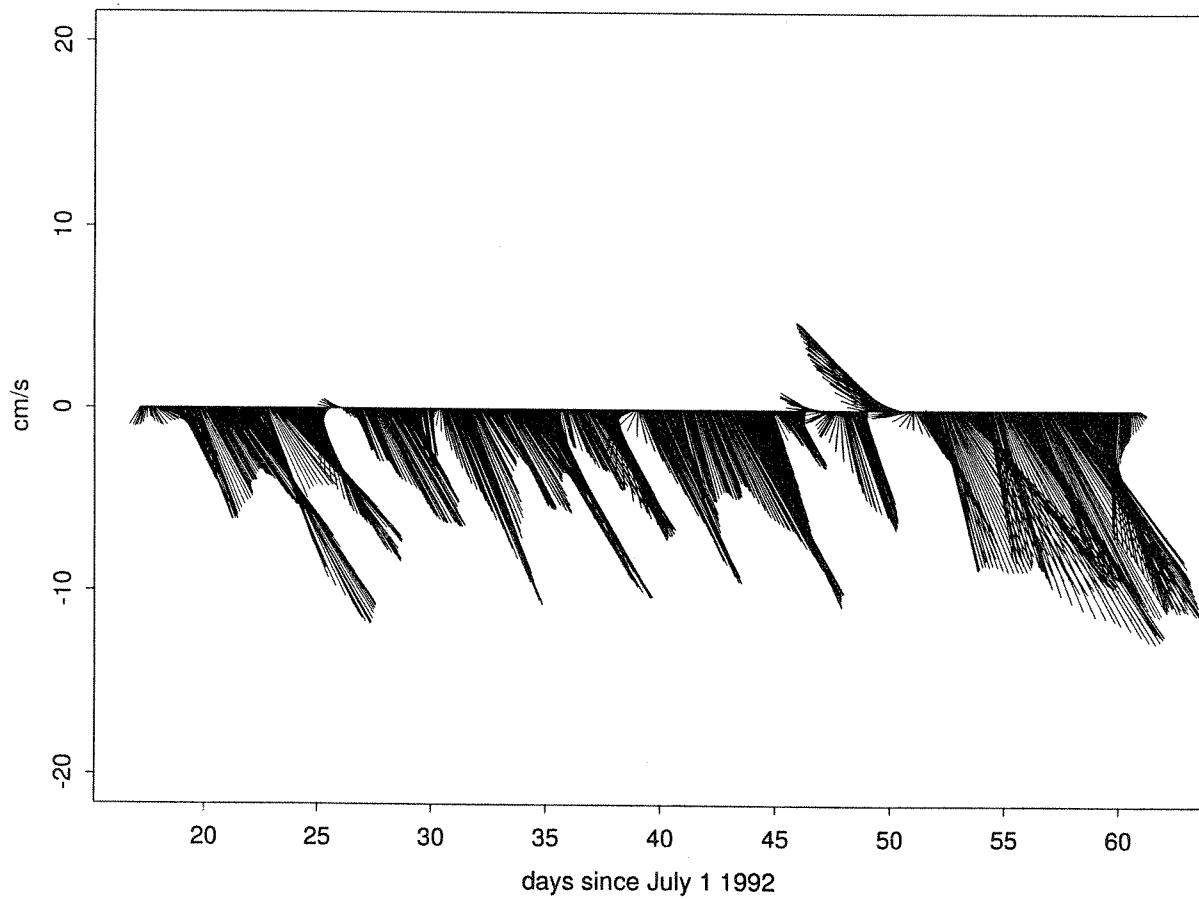


Figure 4.7.2. Stick plot of 25 hr moving average currents at Gjögur west 85 m.

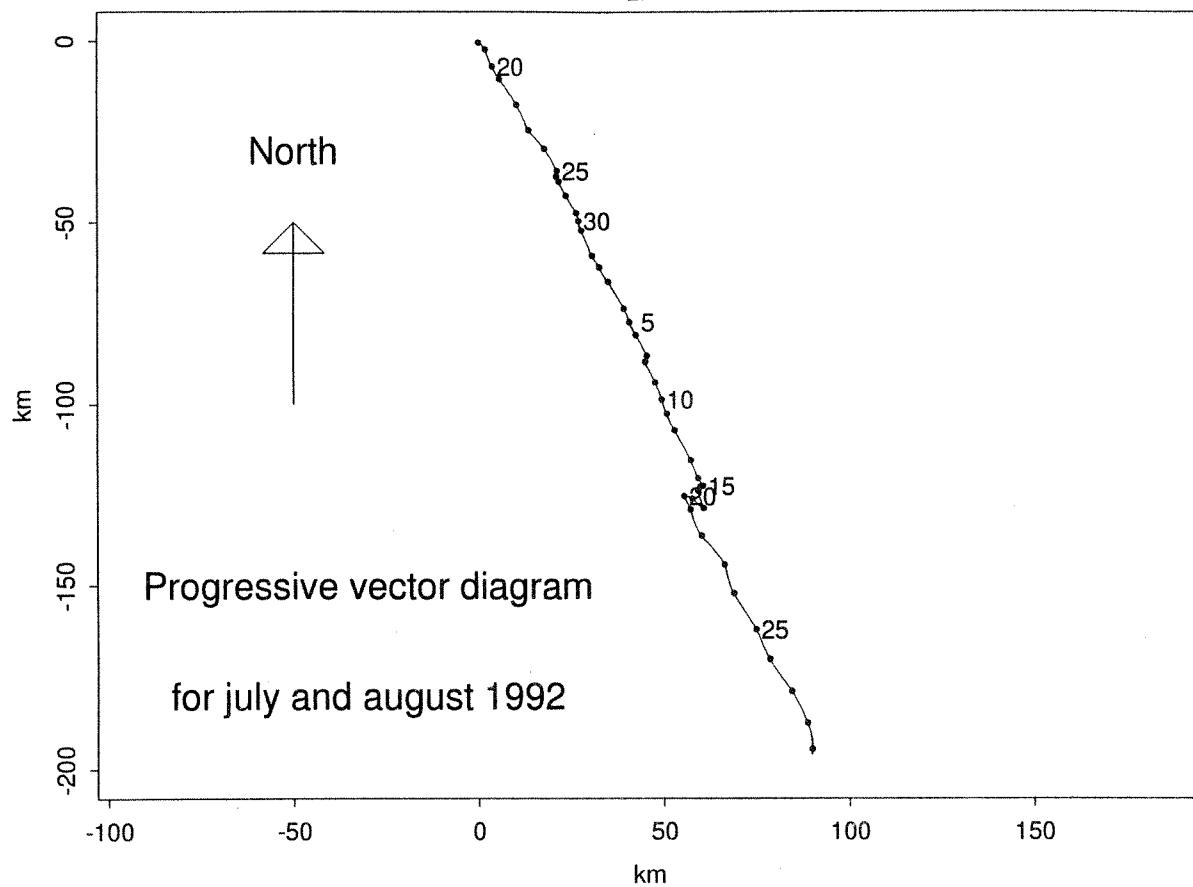


Figure 4.7.3. Progressive vector diagram of the 25 hr moving average currents at Gjögur west 85 m.

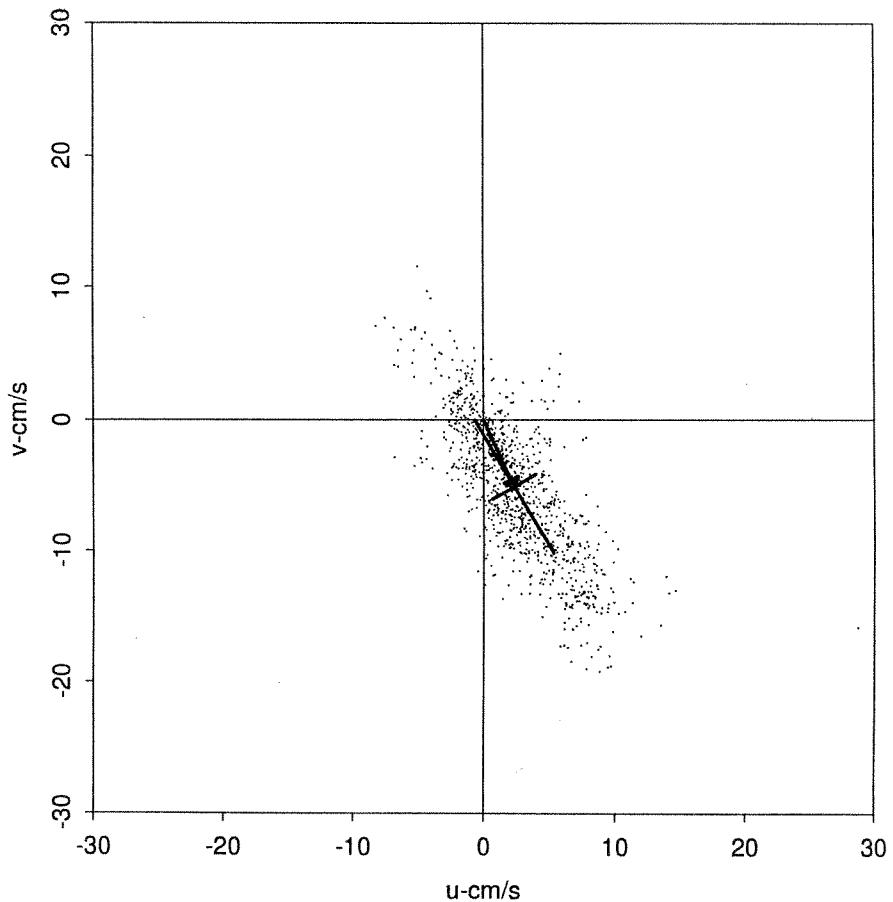


Figure 4.7.4. Scatterplots of 2 hr moving average currents at Gjögur west 85 m. The major axis shows the most preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The minor axis shows the least preferred direction of the current and its length is twice the square root of the variance of the current in that direction. The arrow from the origin to the center of the cross represents the mean current.

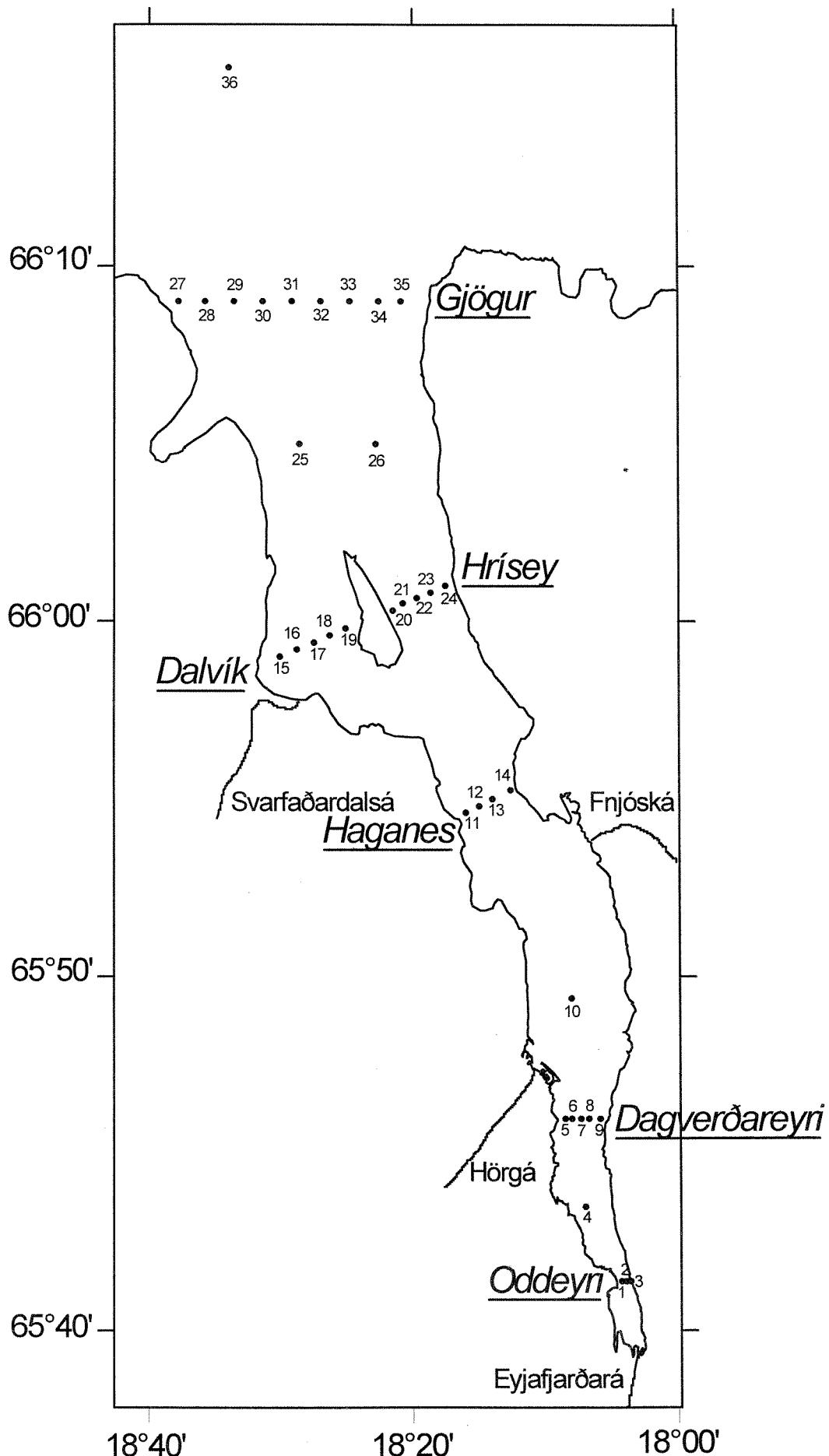


Fig. 5. The location of the CTD stations. The names of the cross sections are also shown.

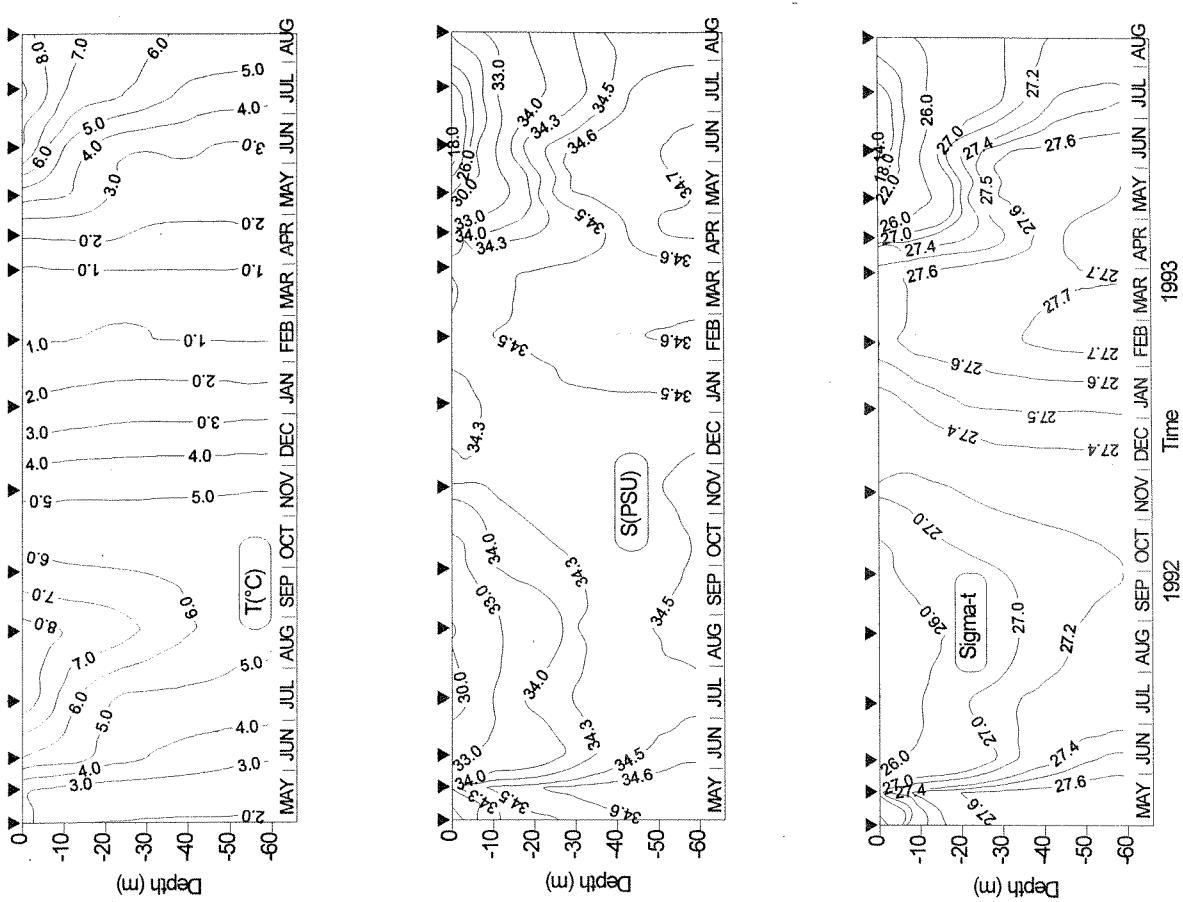


Figure 5.1.2. Time variations in temperature, salinity and sigma-t at station 4.

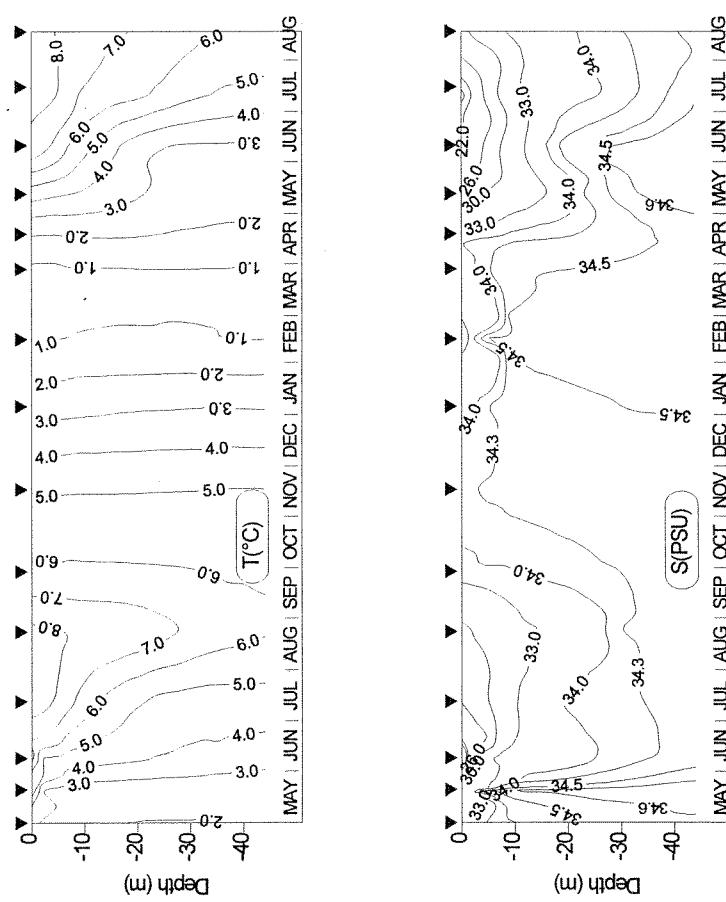


Figure 5.1.1. Time variations in temperature, salinity and sigma-t at station 2.

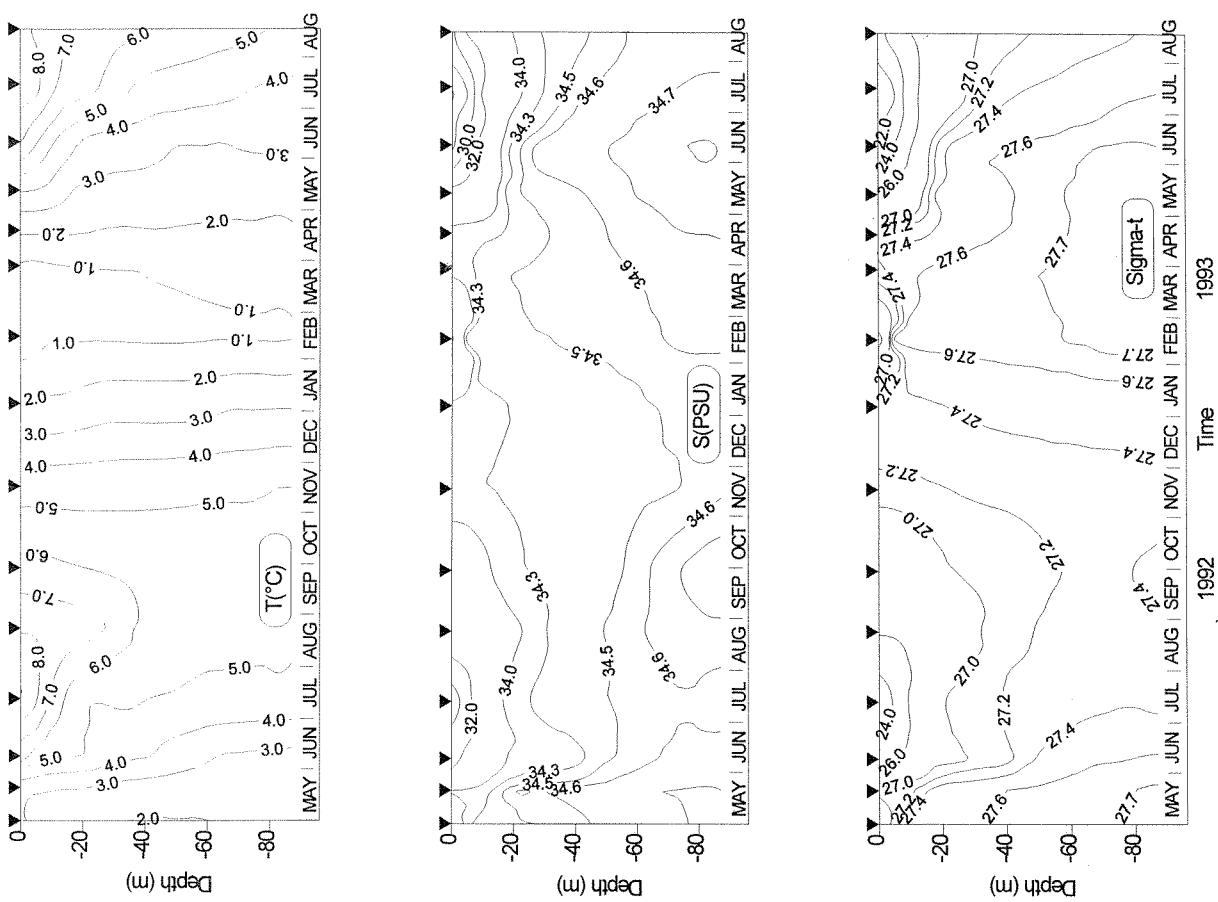


Figure 5.1.4. Time variations in temperature, salinity and sigma-t at station 10.

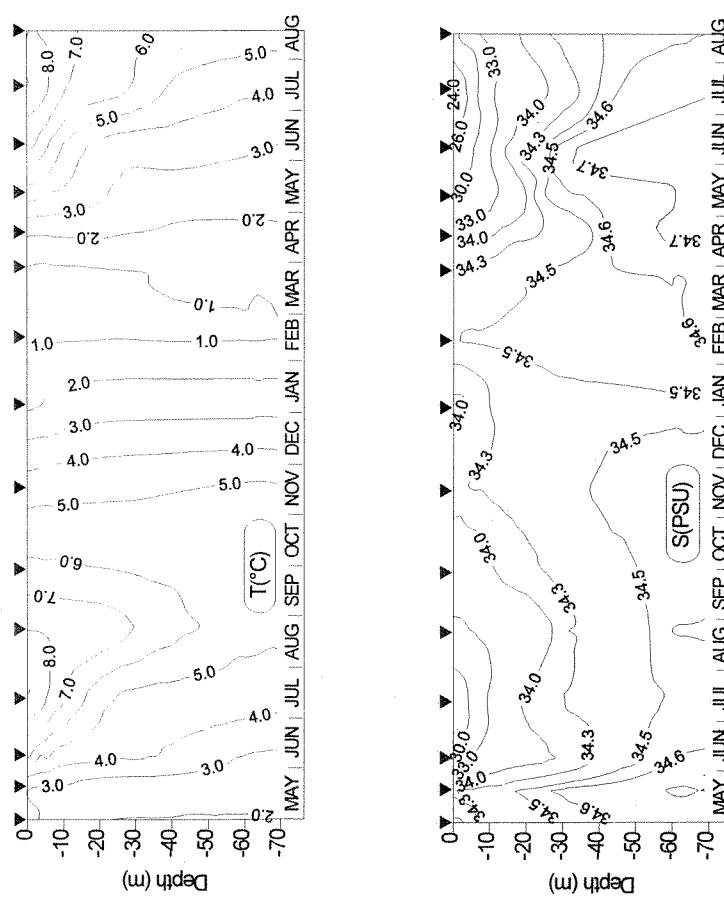


Figure 5.1.3. Time variations in temperature, salinity and sigma-t at station 7.

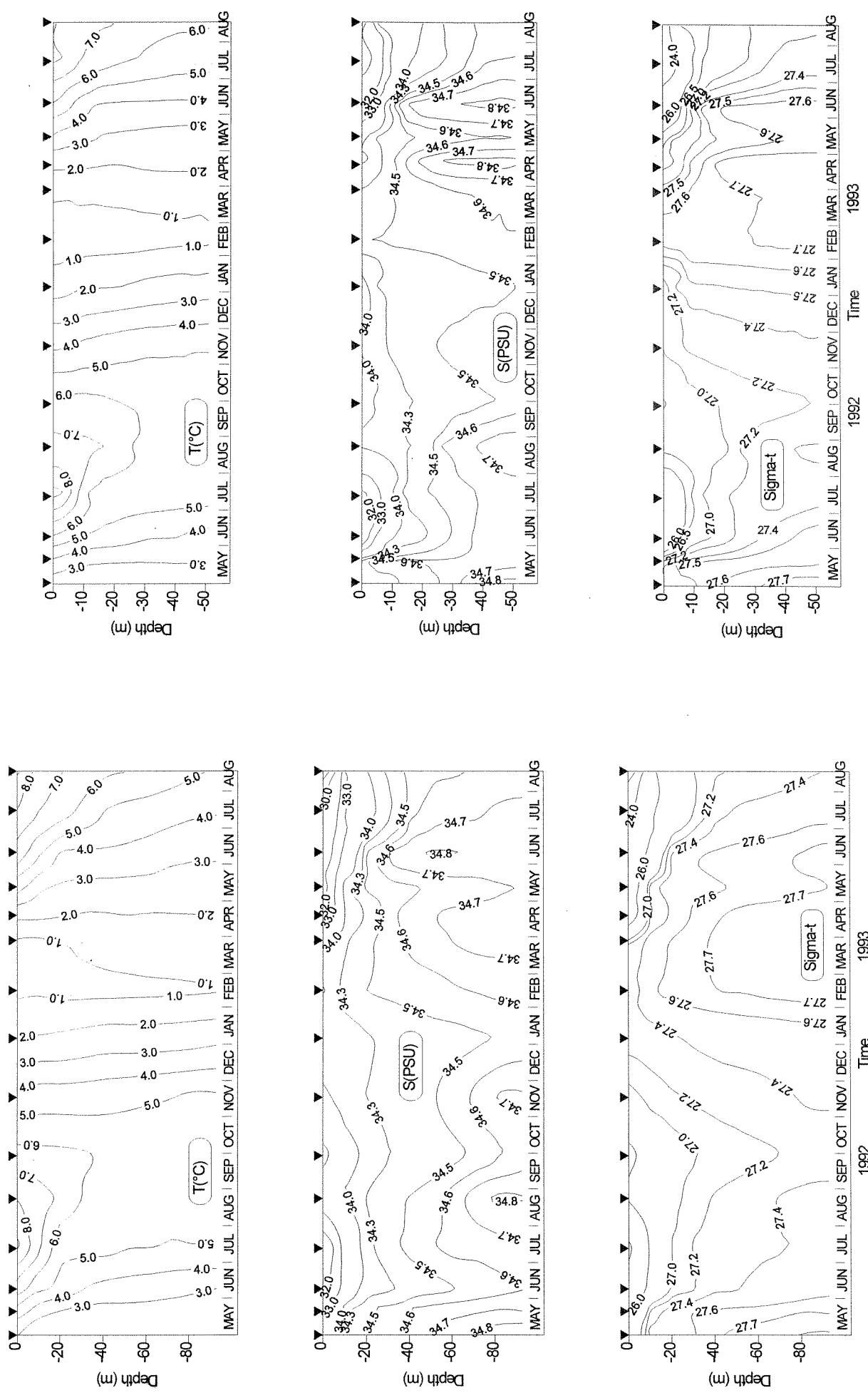


Figure 5.1.5. Time variations in temperature, salinity and sigma-t at station 13.

Figure 5.1.6. Time variations in temperature, salinity and sigma-t at station 17.

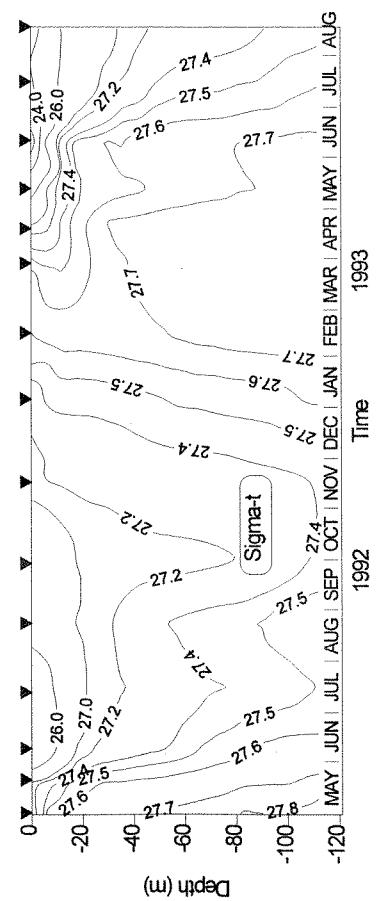
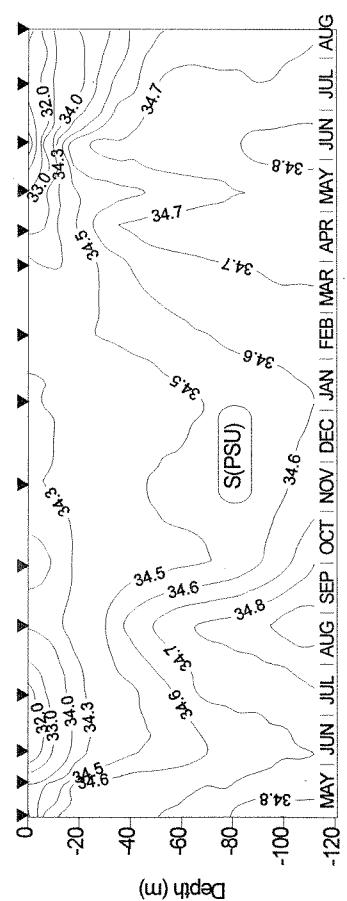
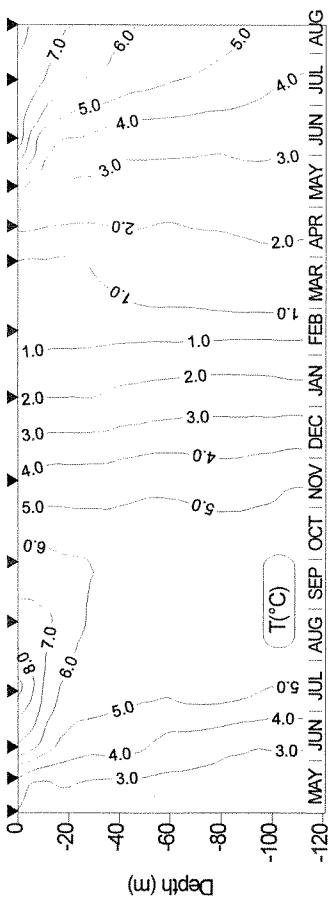
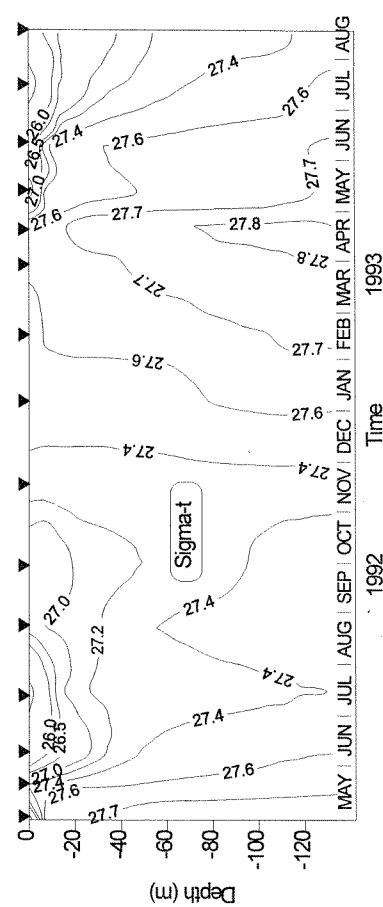
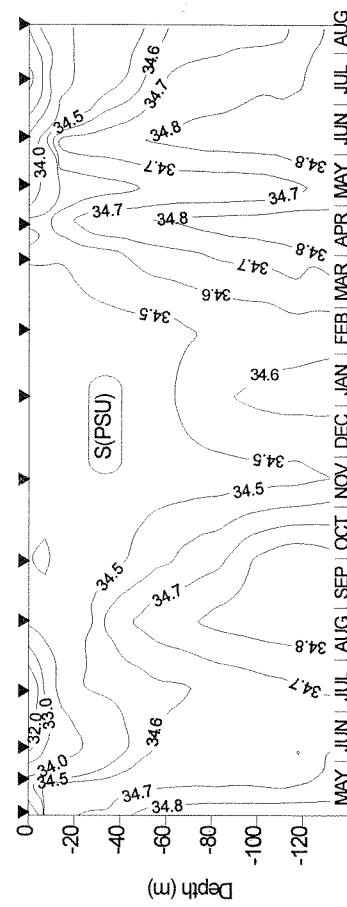
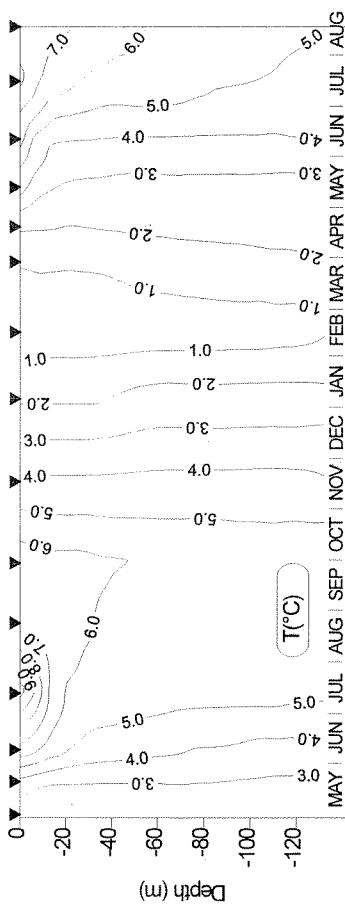


Figure 5.1.7. Time variations in temperature, salinity and sigma-t at station 22.

Figure 5.1.8. Time variations in temperature, salinity and sigma-t at station 25.

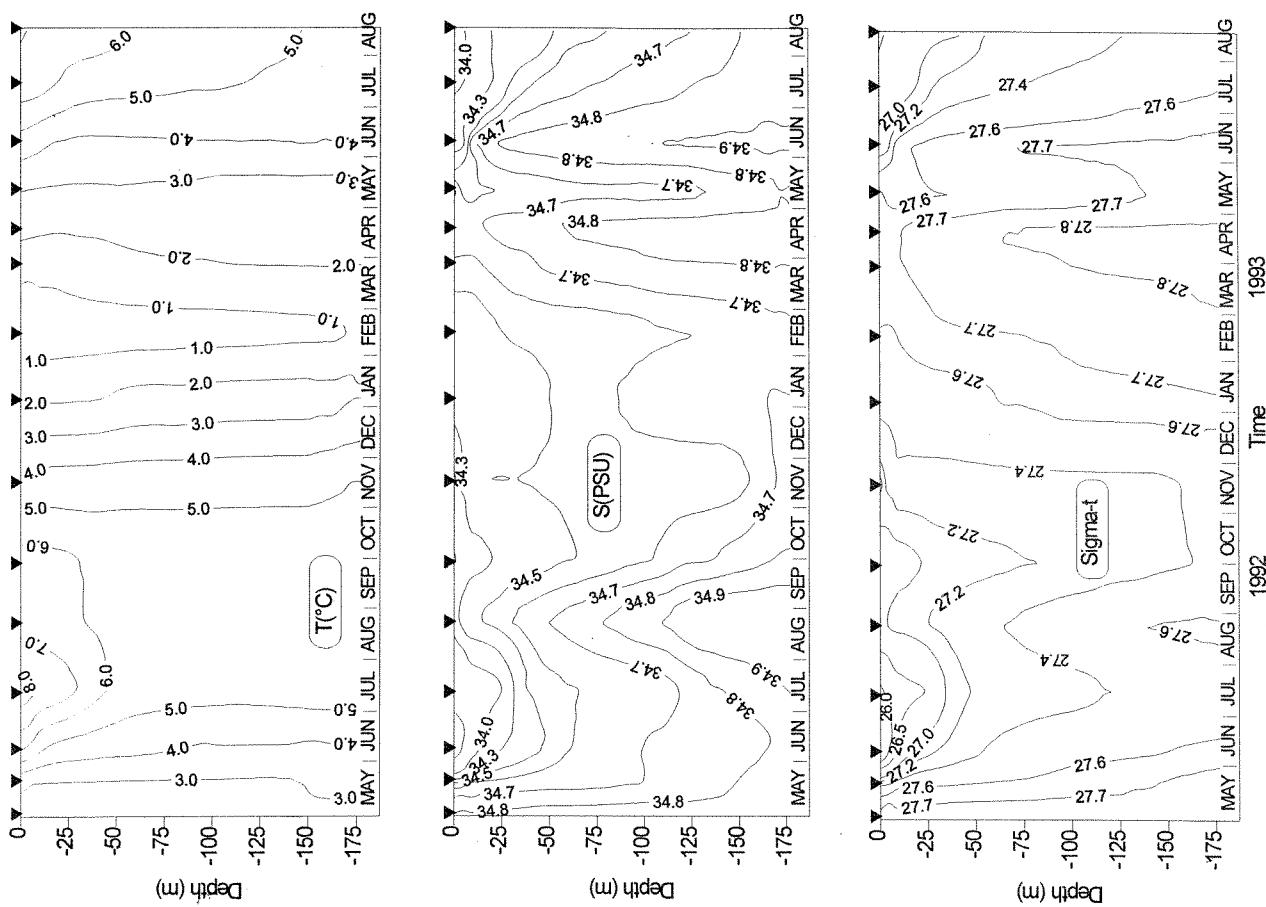
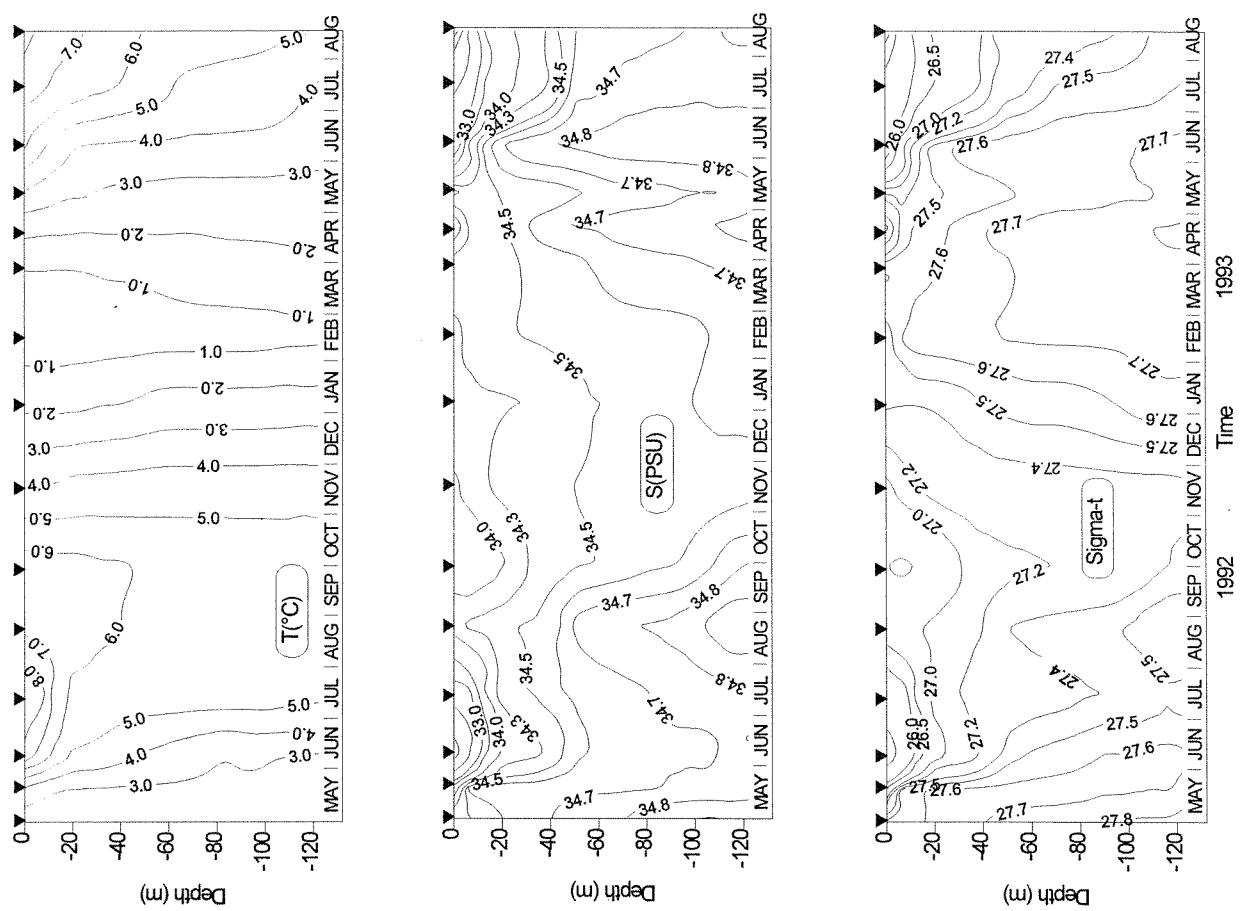


Figure 5.1.10. Time variations in temperature, salinity and sigma-t at station 29.

Figure 5.1.9. Time variations in temperature, salinity and sigma-t at station 26.



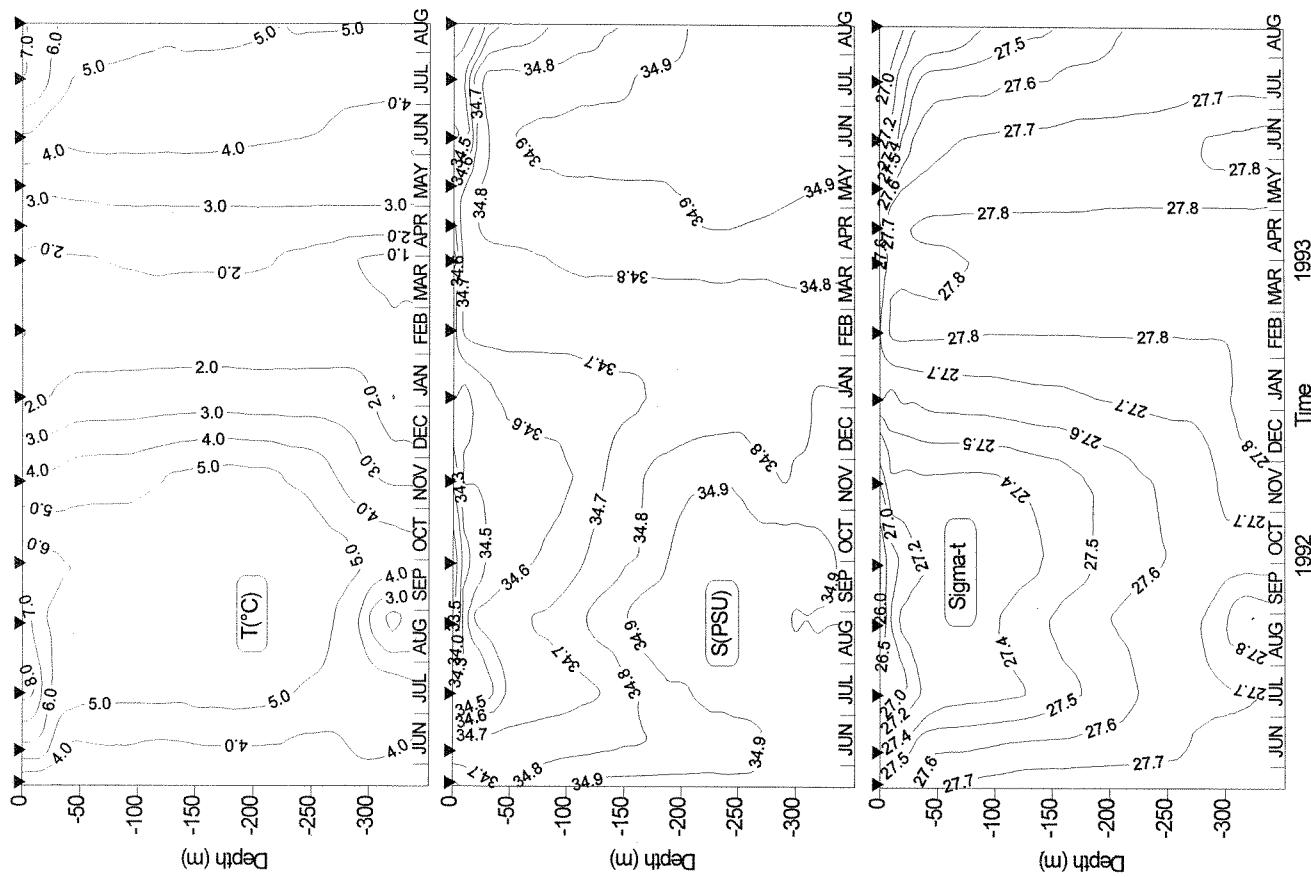


Figure 5.1.12. Time variations in temperature, salinity and sigma-t at station 36.

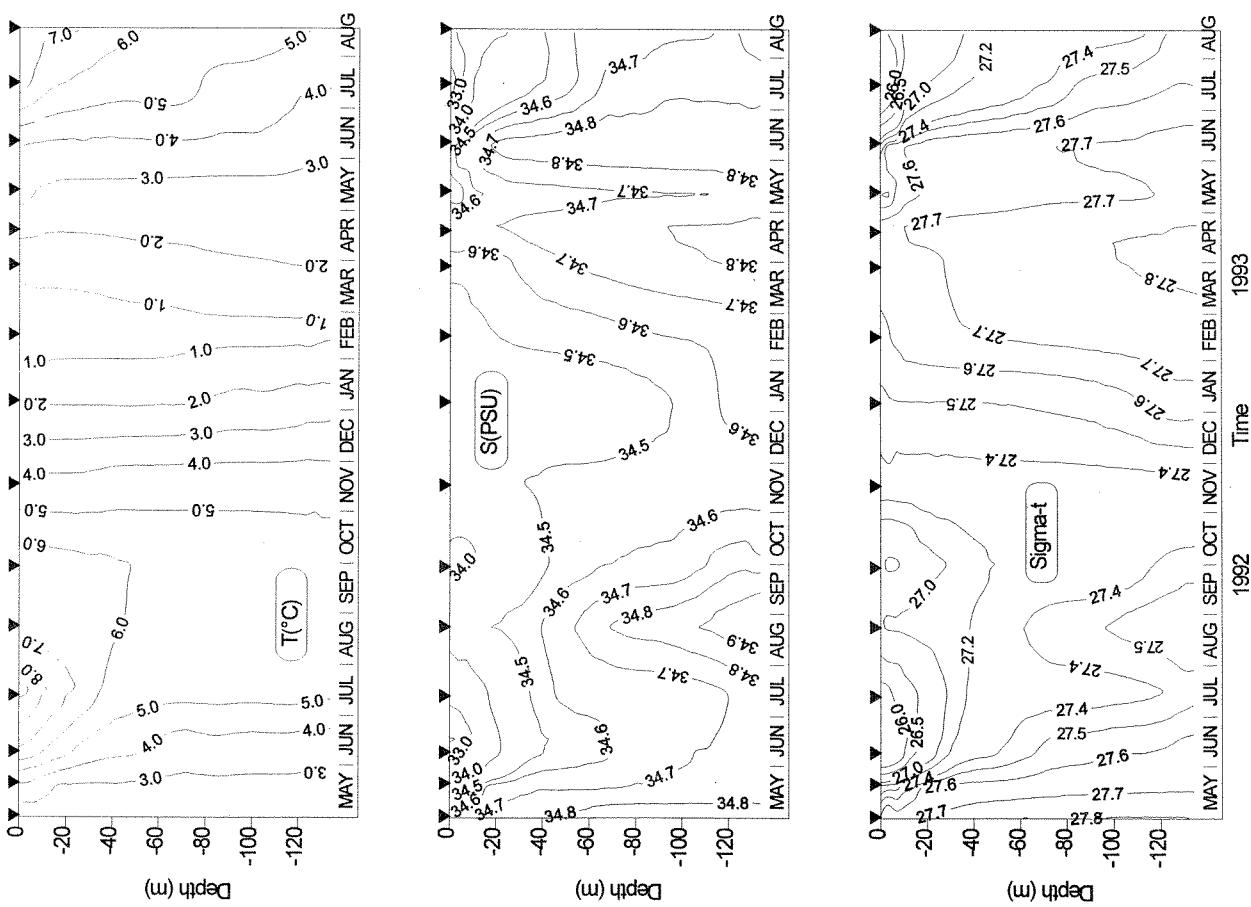


Figure 5.1.11. Time variations in temperature, salinity and sigma-t at station 33.

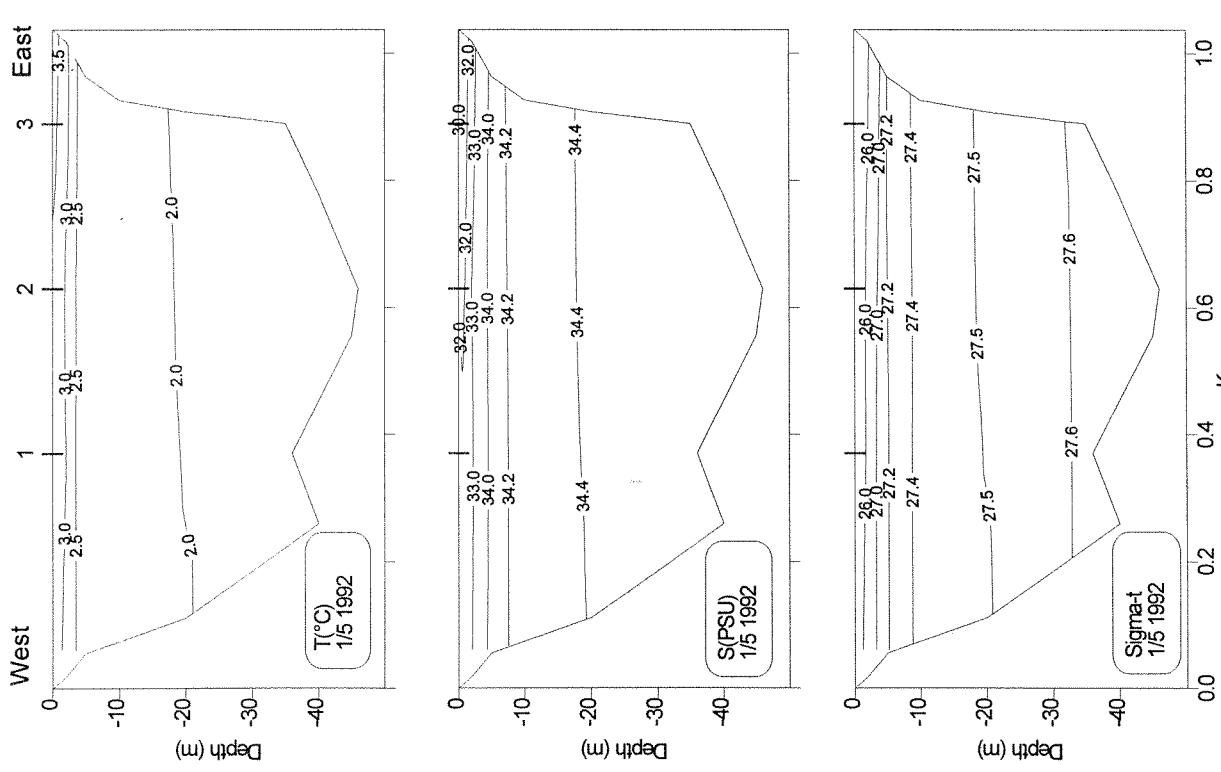


Figure 5.2.1. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

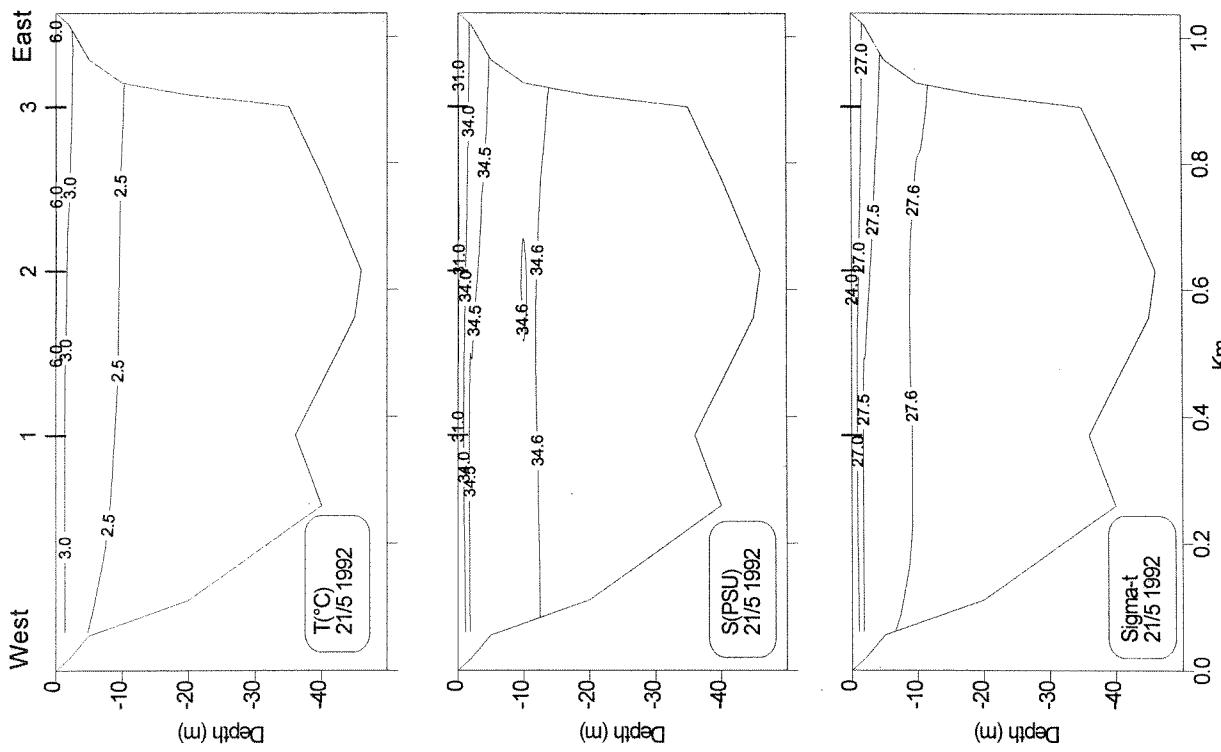


Figure 5.2.2. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

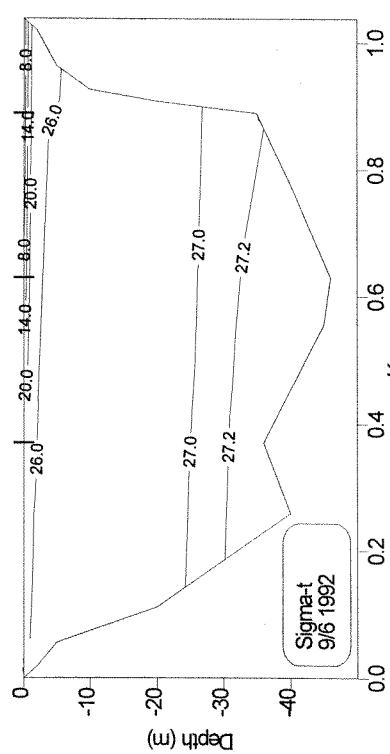
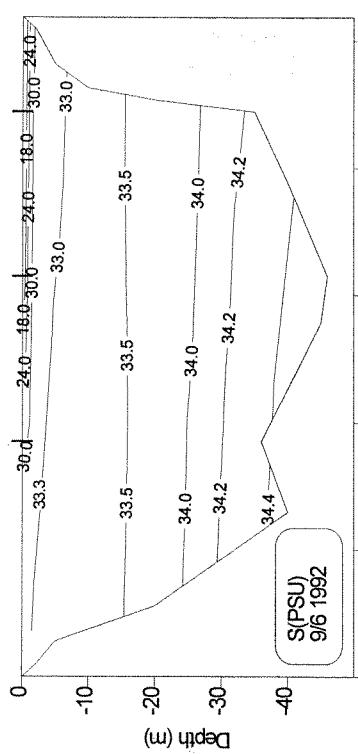
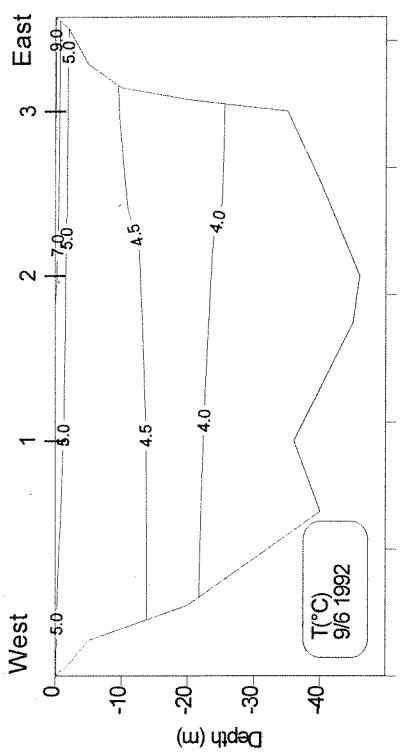
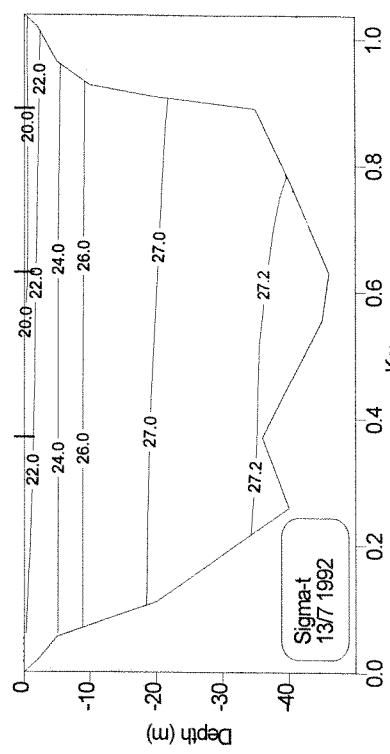
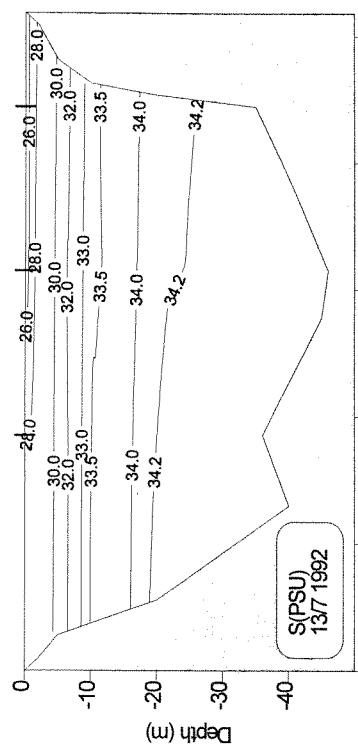
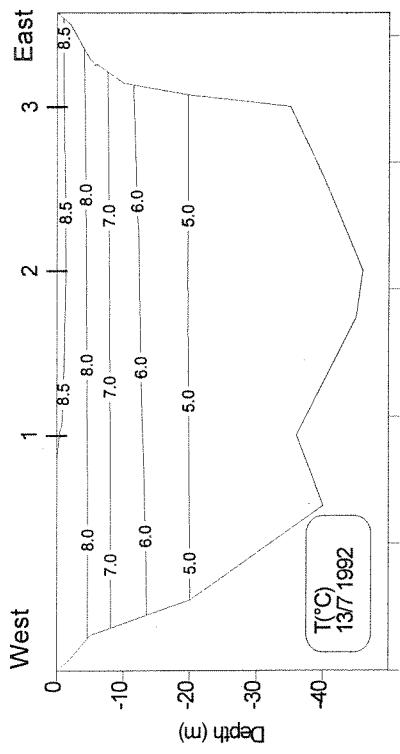


Figure 5.2.3. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

Figure 5.2.4. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

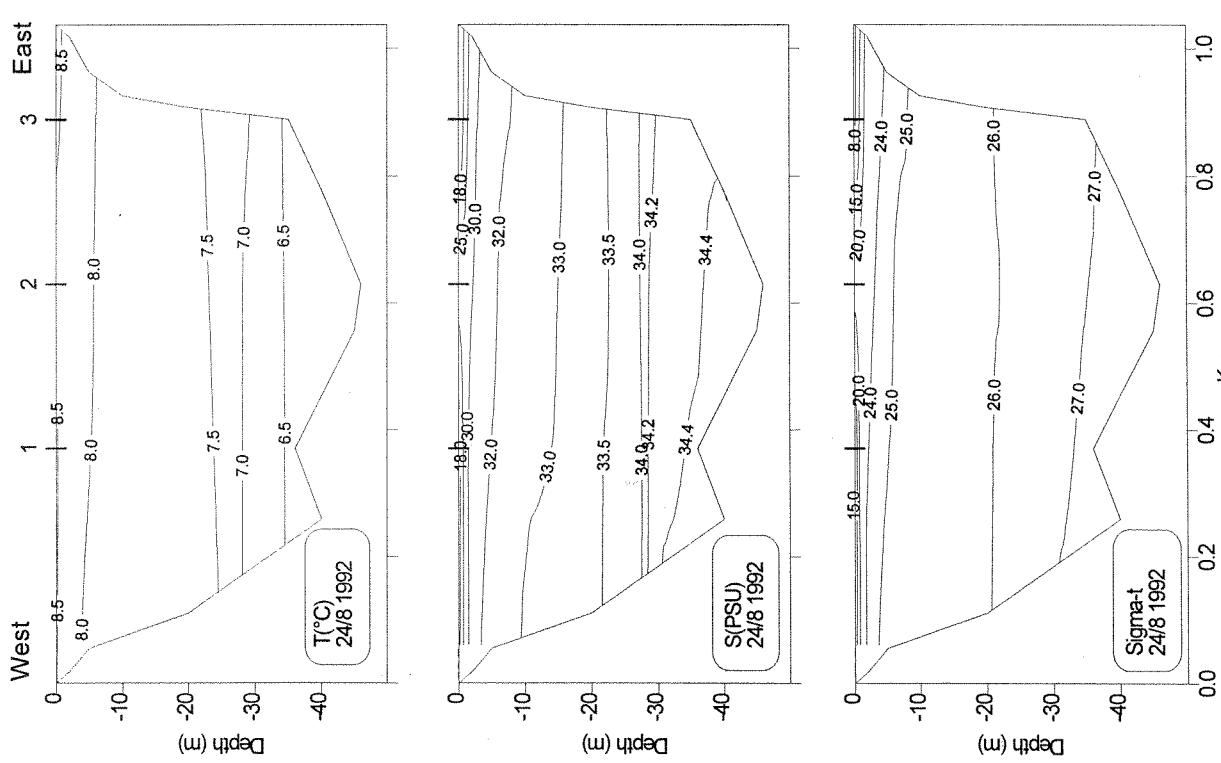


Figure 5.2.5. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

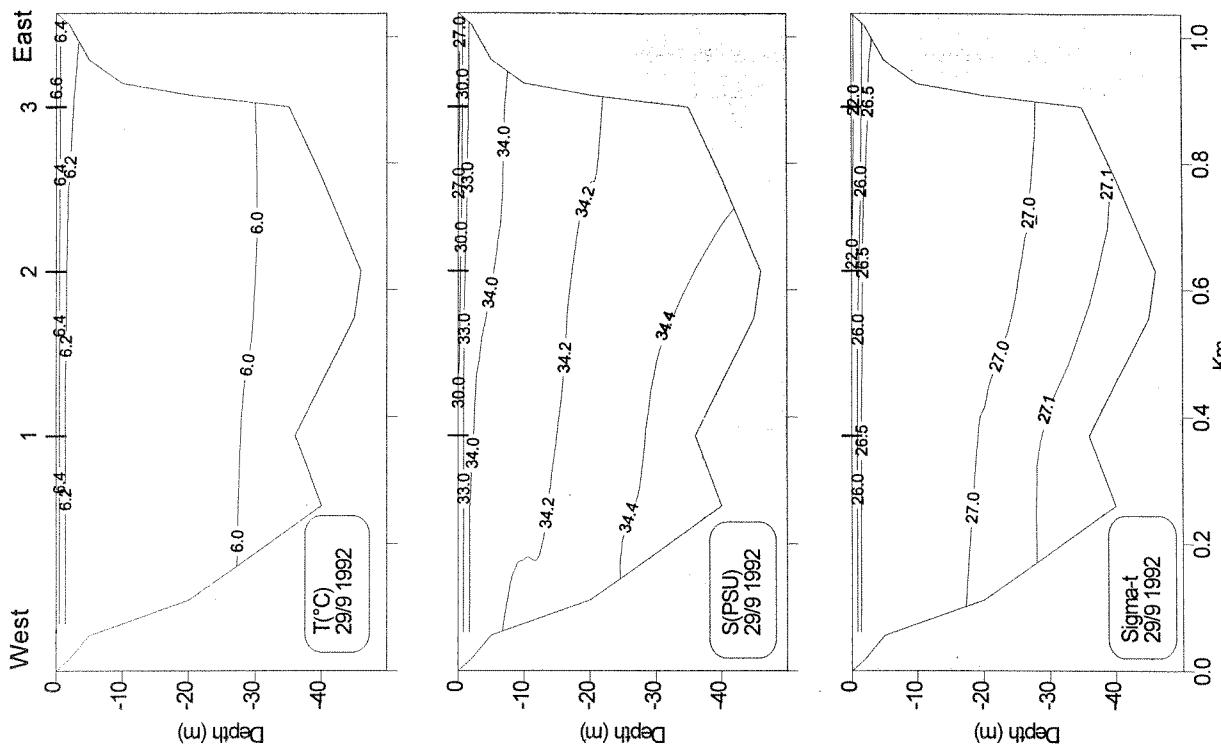


Figure 5.2.6. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

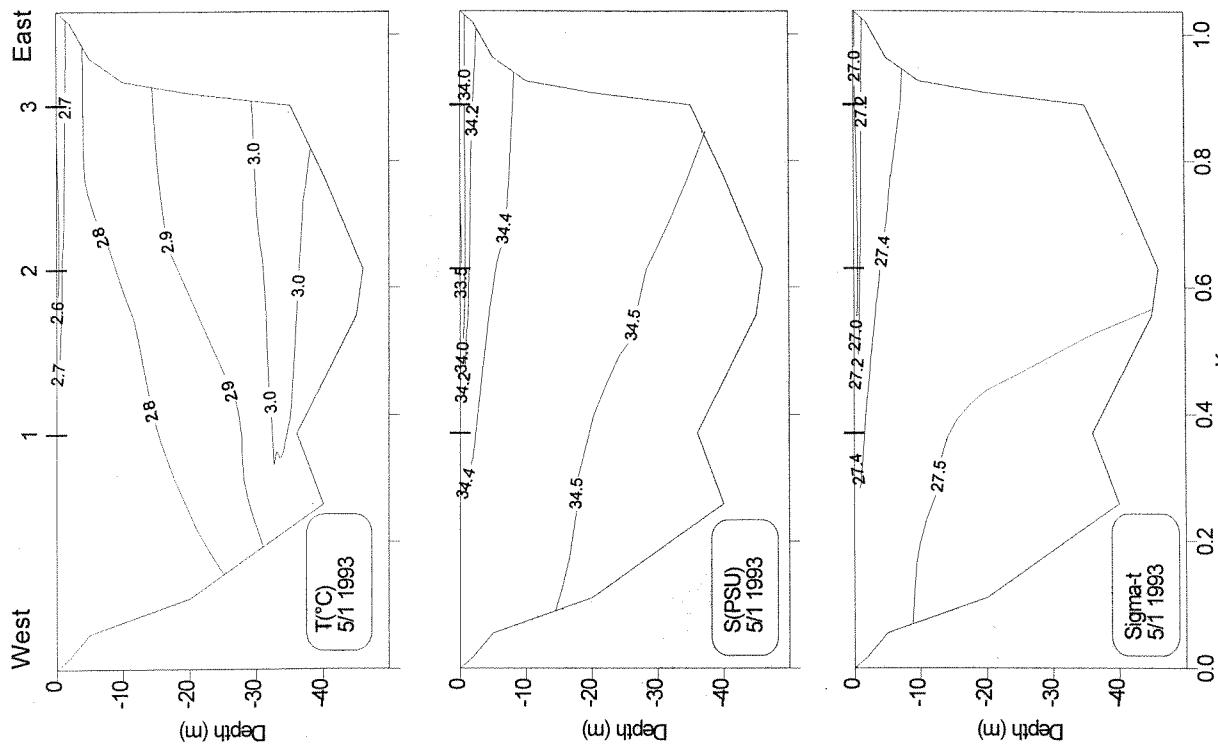


Figure 5.2.8. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

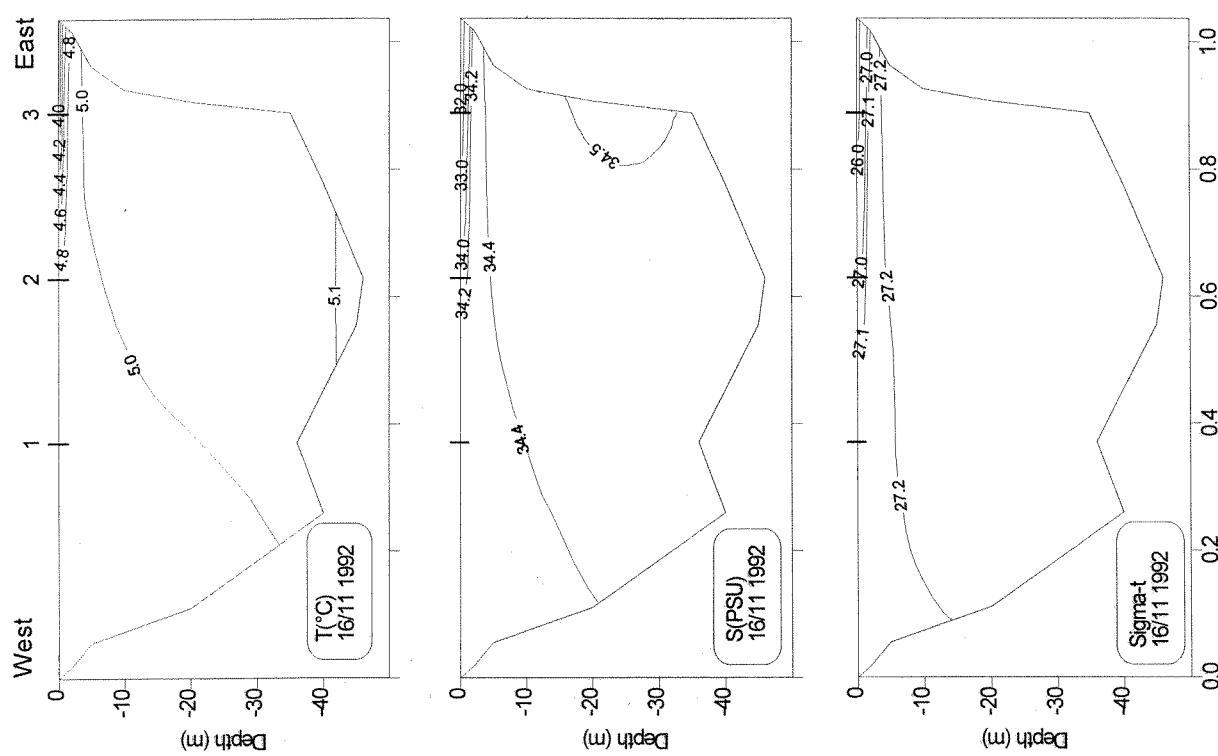


Figure 5.2.7. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

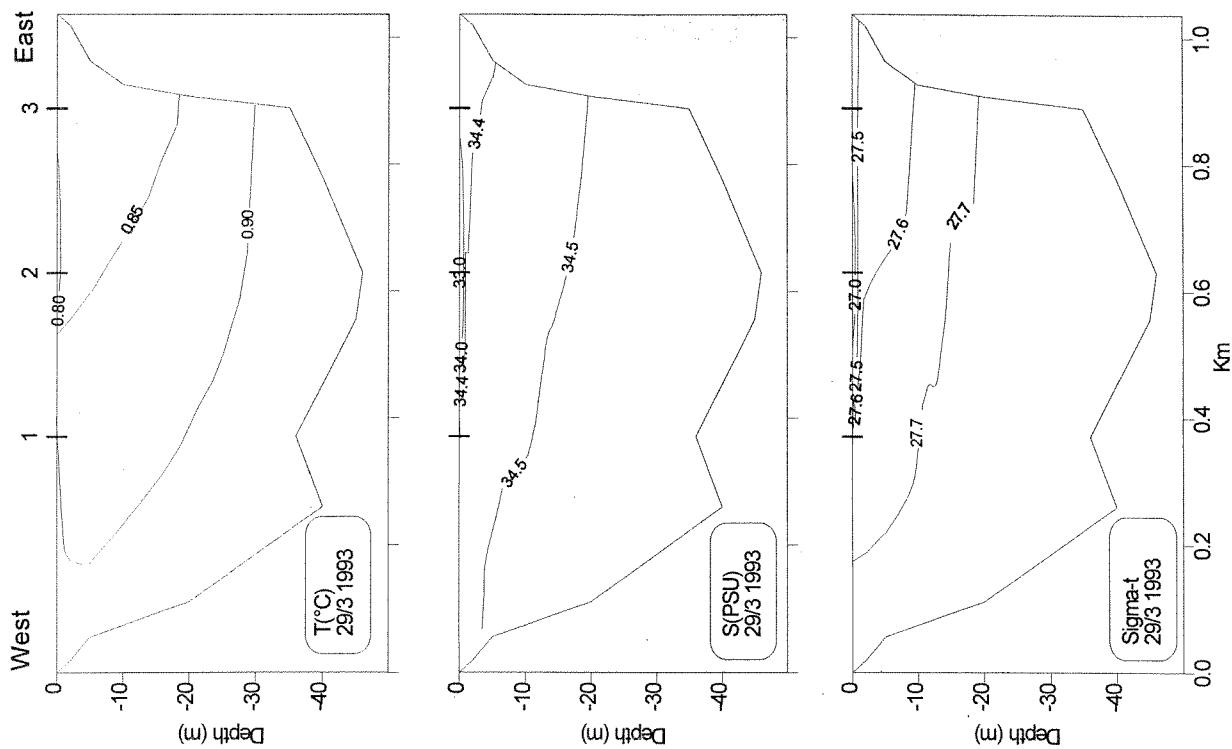


Figure 5.2.10. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

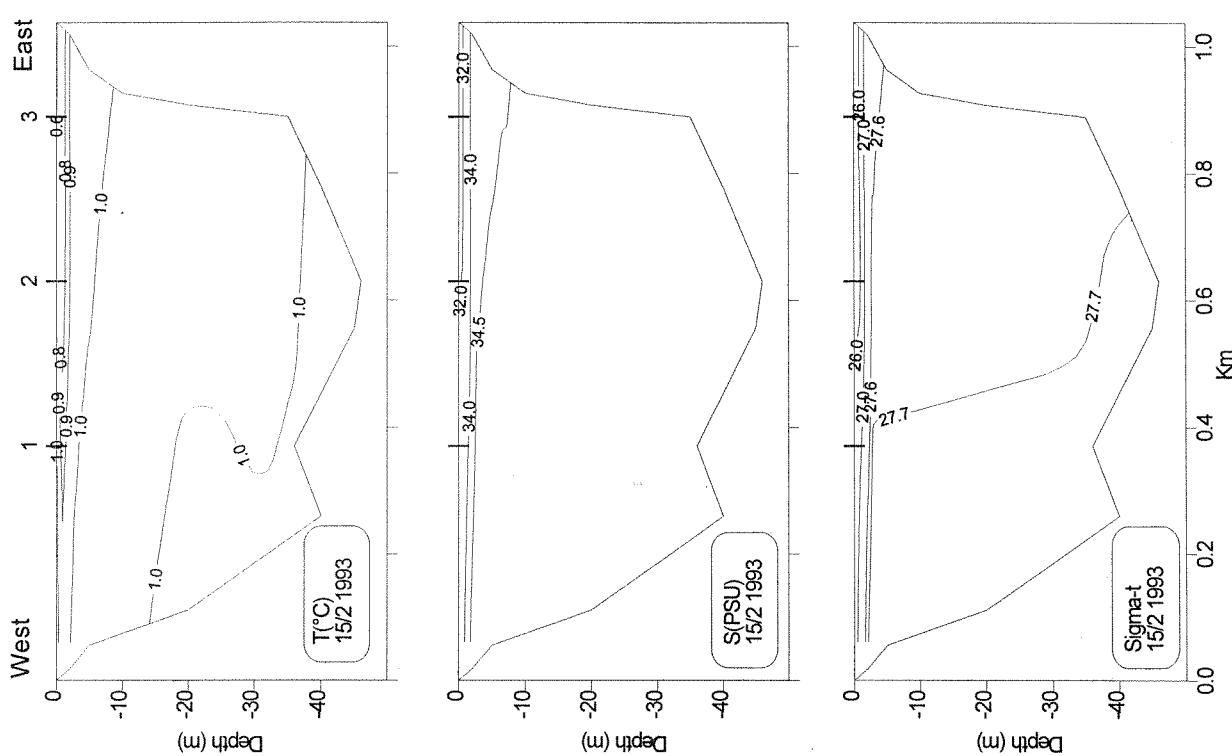


Figure 5.2.9. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

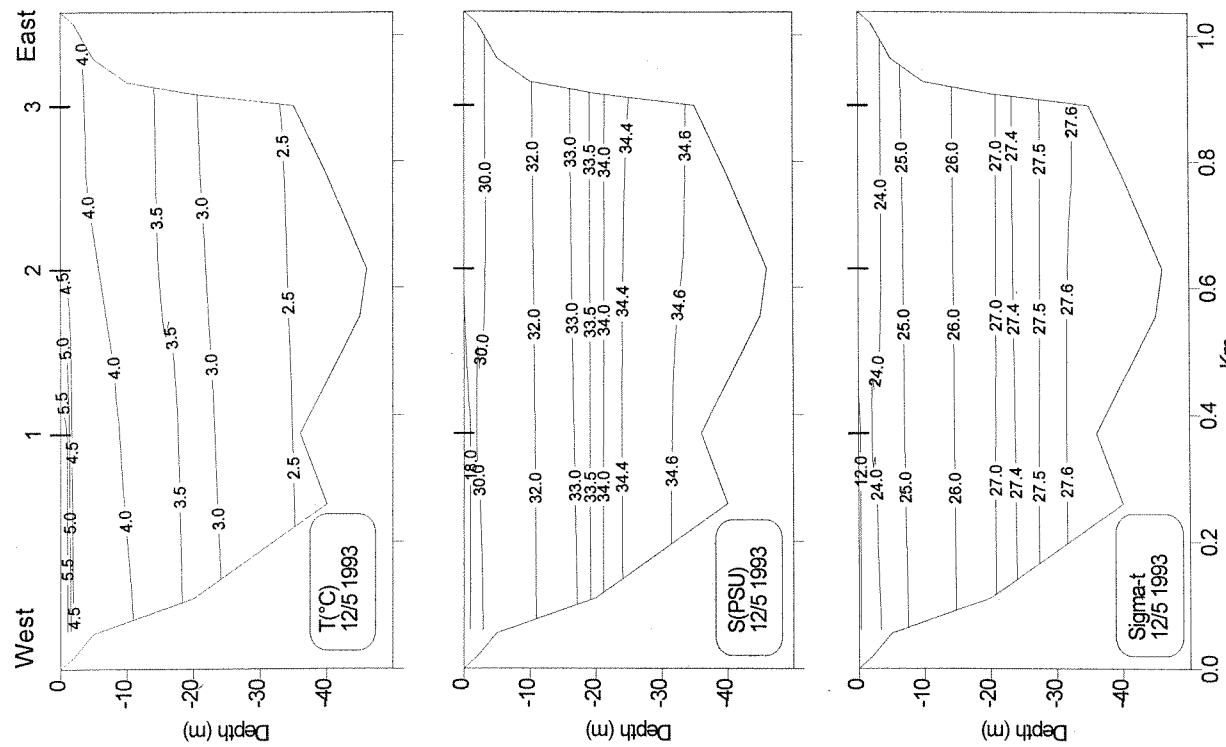


Figure 5.2.12. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

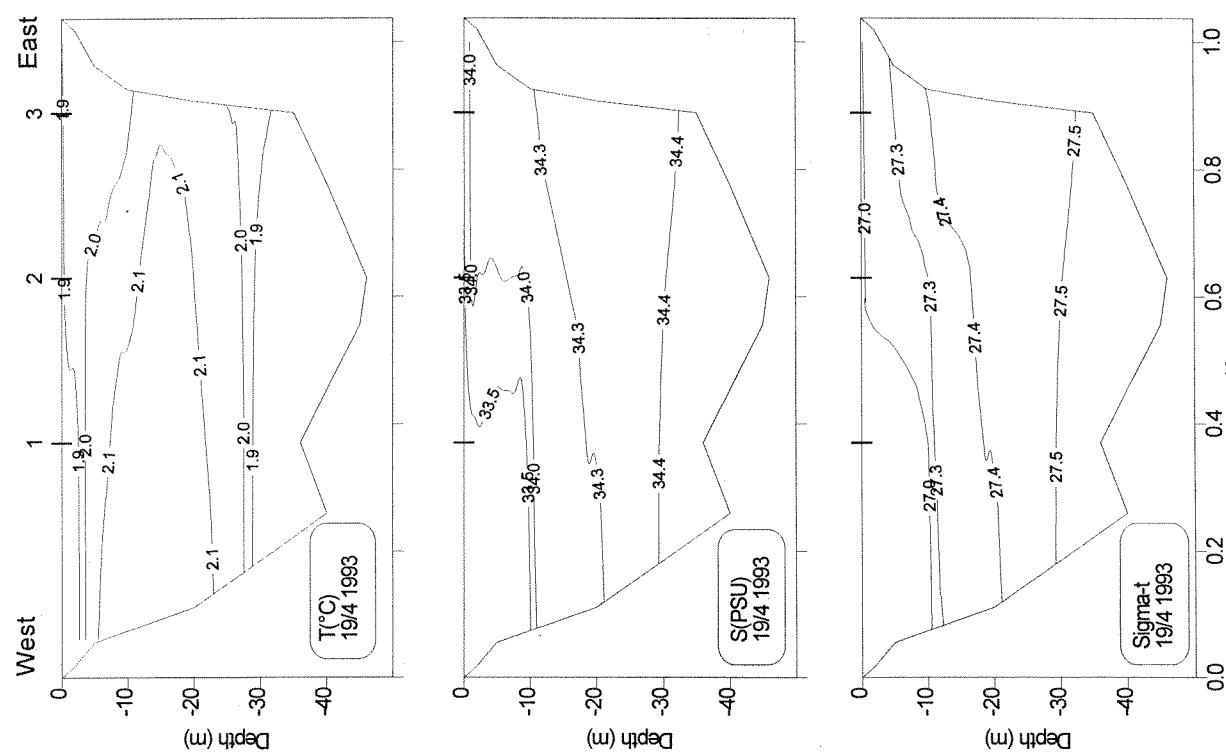


Figure 5.2.11. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

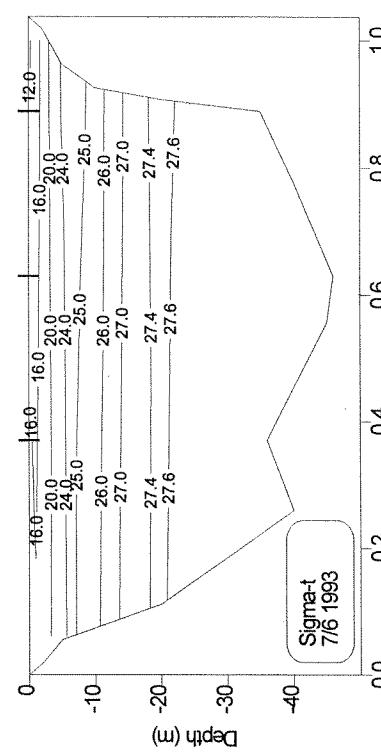
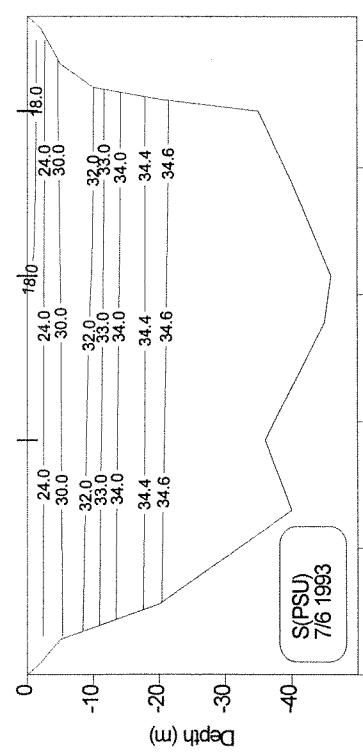
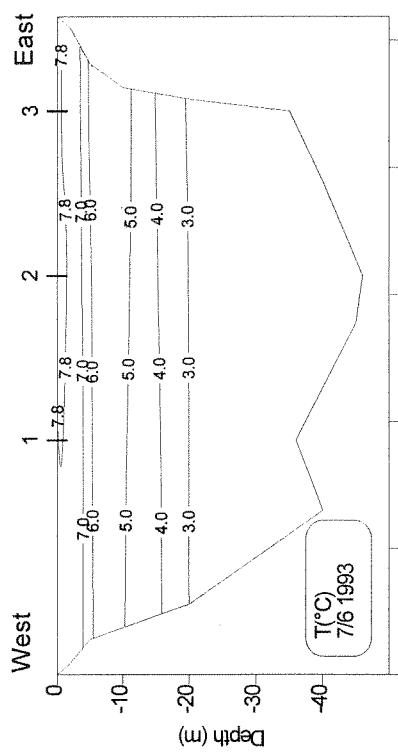
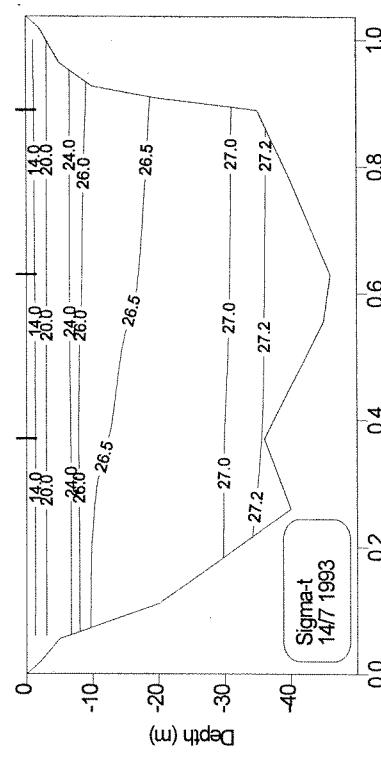
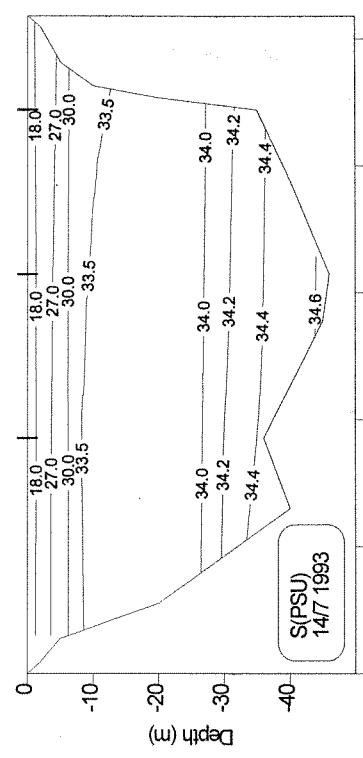
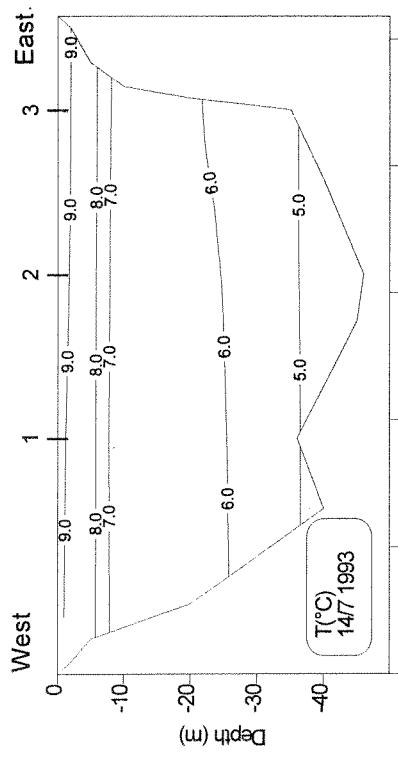


Figure 5.2.13. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

Figure 5.2.14. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

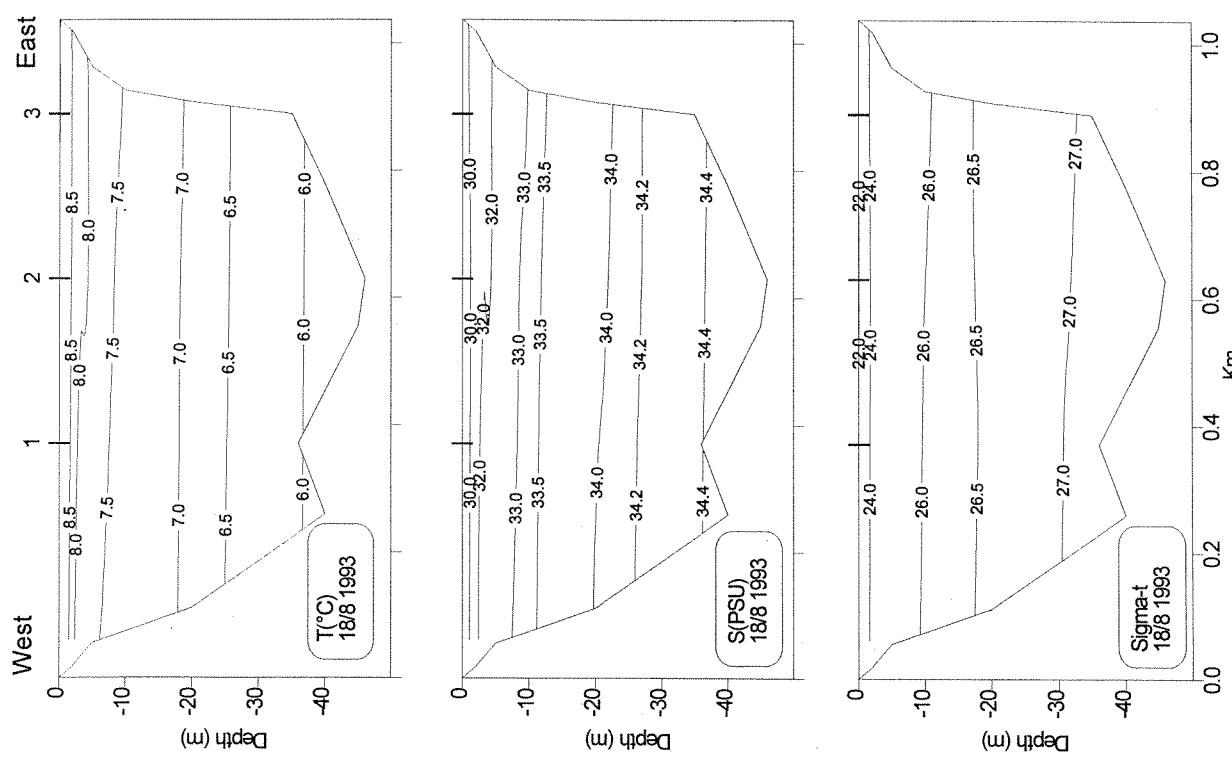


Figure 5.2.15. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Oddeyri.

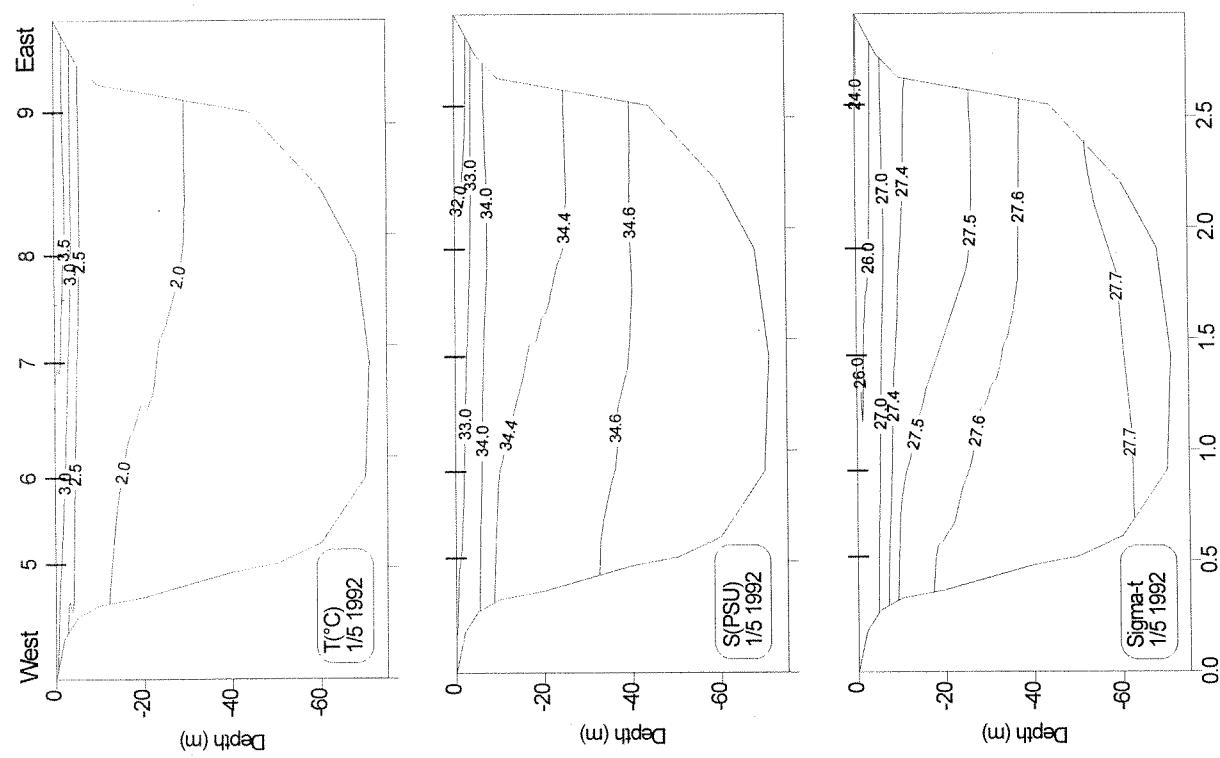


Figure 5.3.1. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

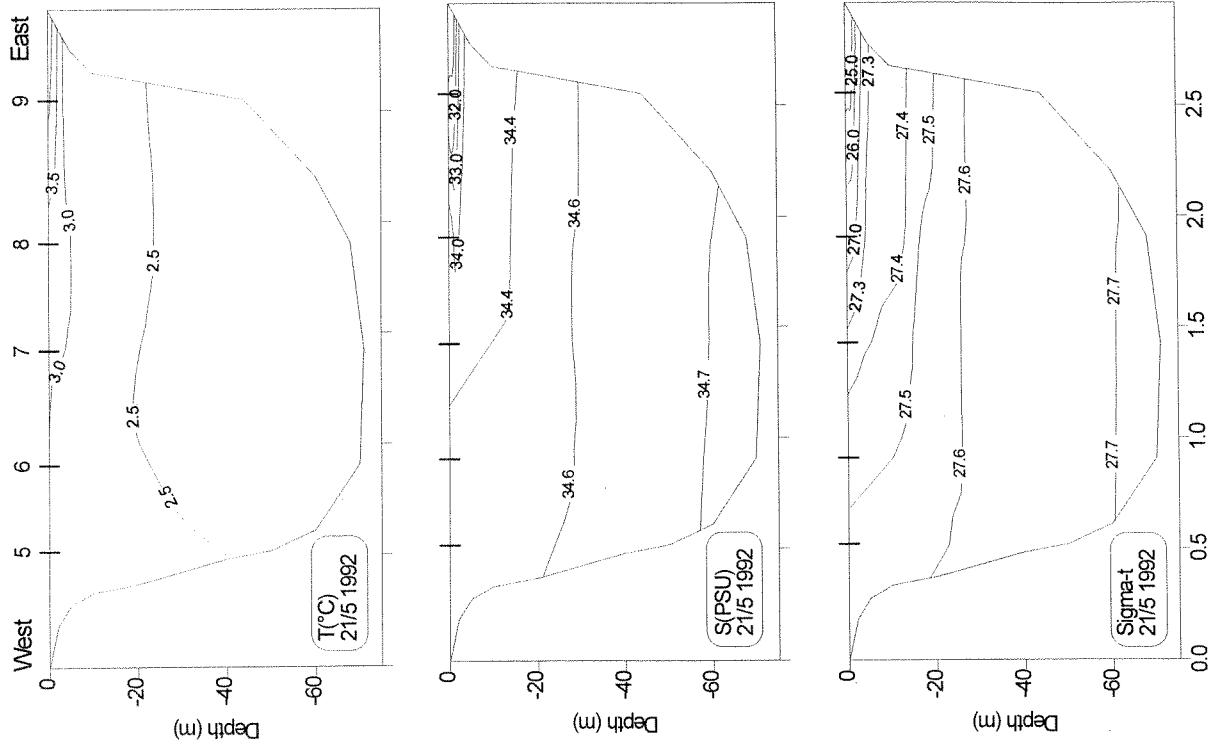


Figure 5.3.2. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

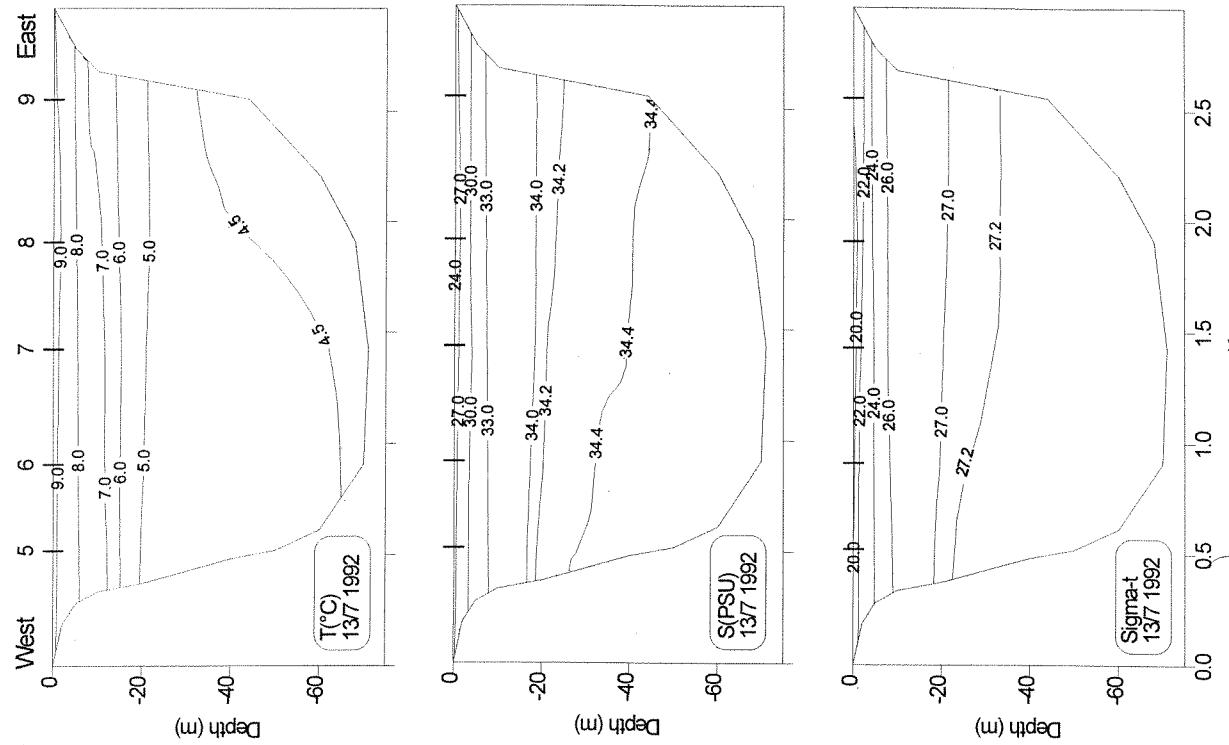


Figure 5.3.4. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

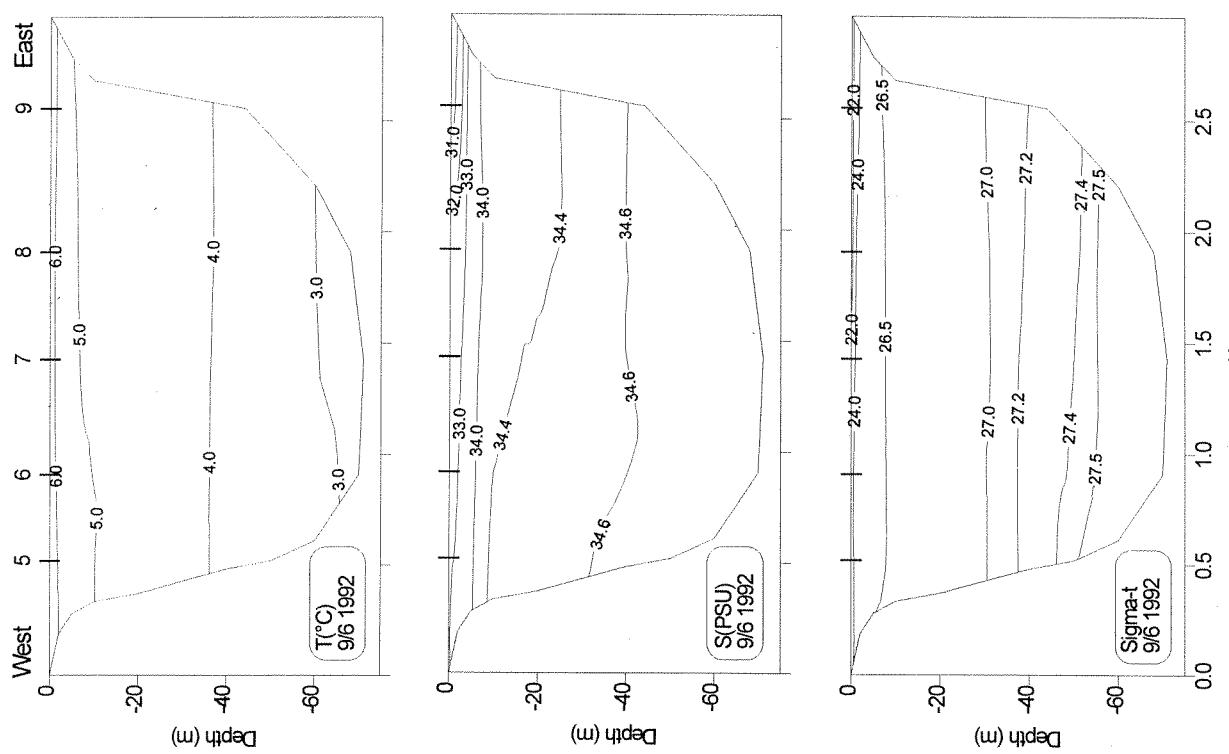


Figure 5.3.3. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

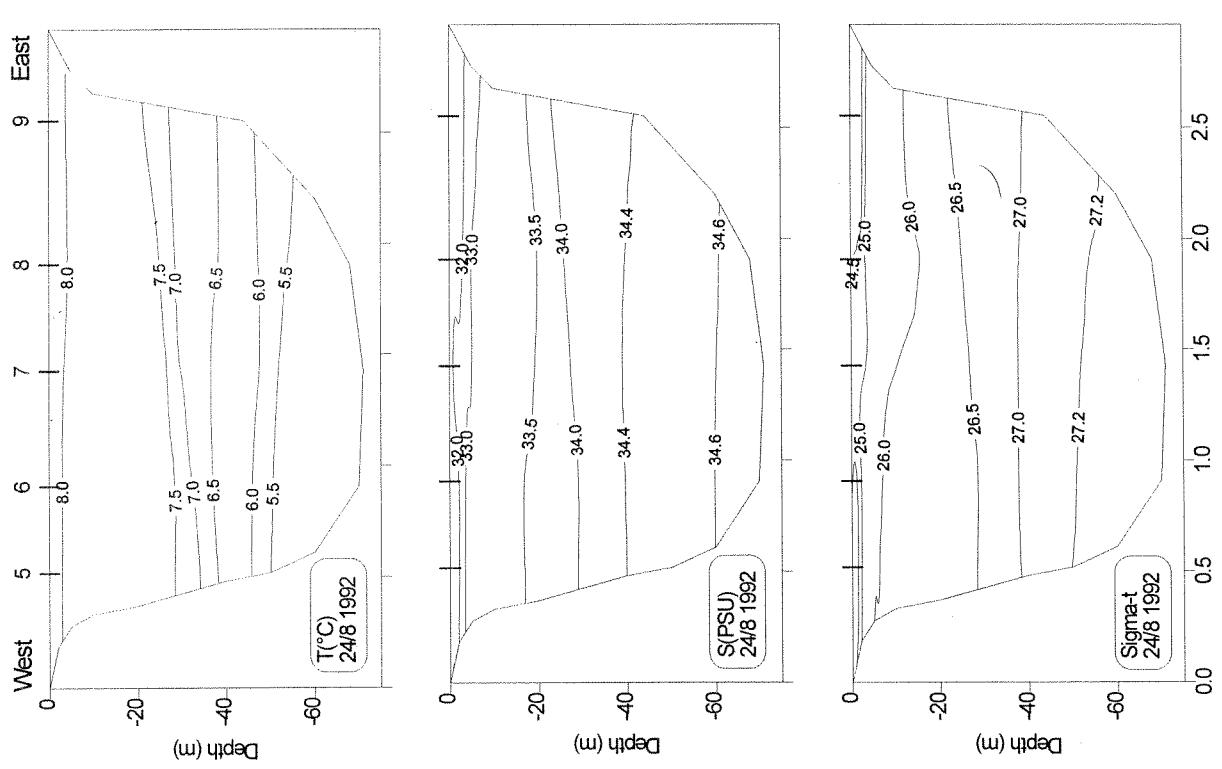


Figure 5.3.5. Vertical sections of temperature, salinity and sigma-t ( $\sigma_i$ ), at Dagverðareyri.

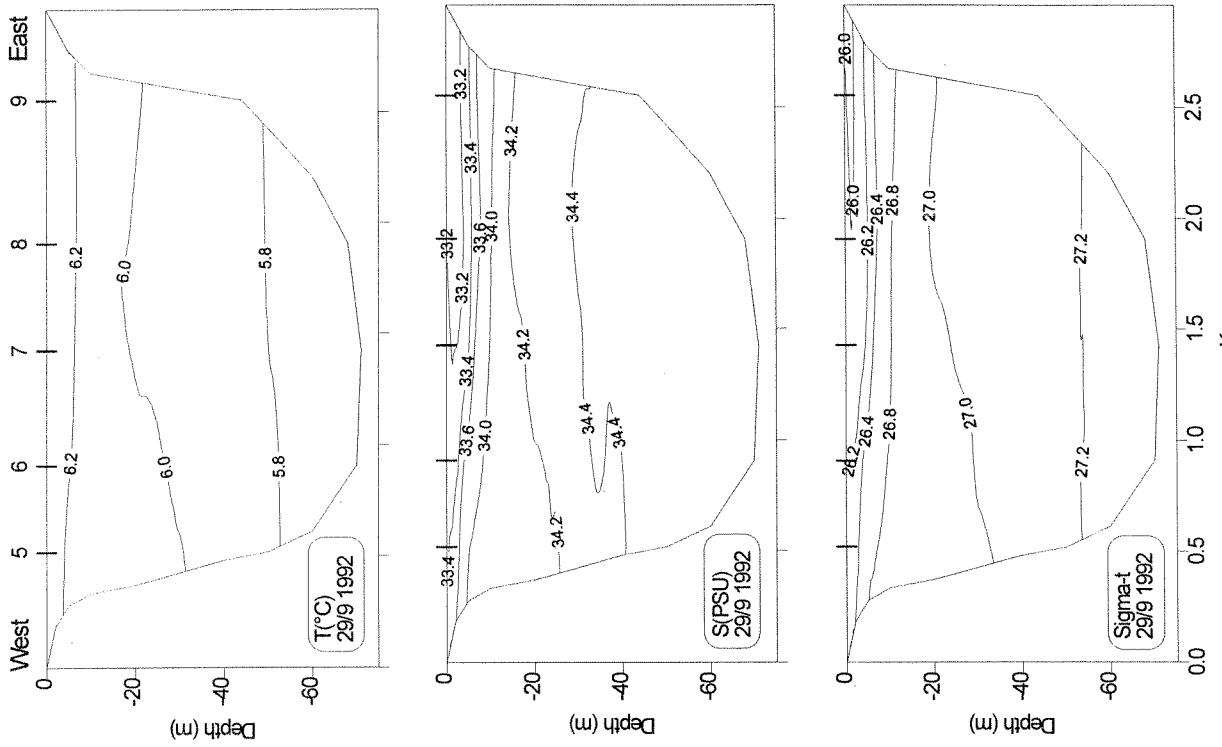


Figure 5.3.6. Vertical sections of temperature, salinity and sigma-t ( $\sigma_i$ ), at Dagverðareyri.

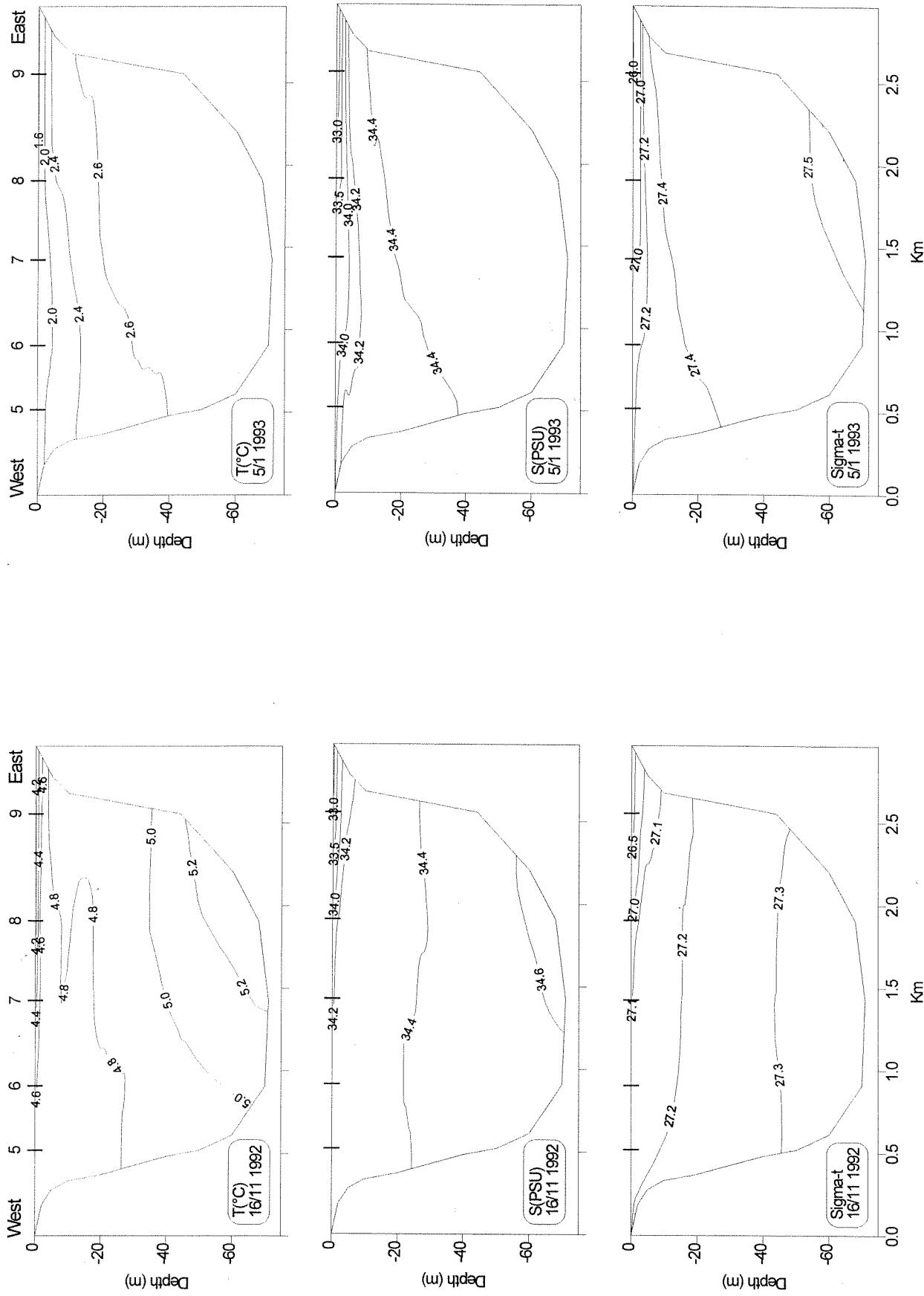


Figure 5.3.7. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

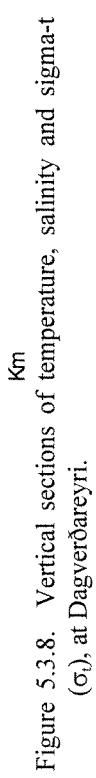


Figure 5.3.8. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

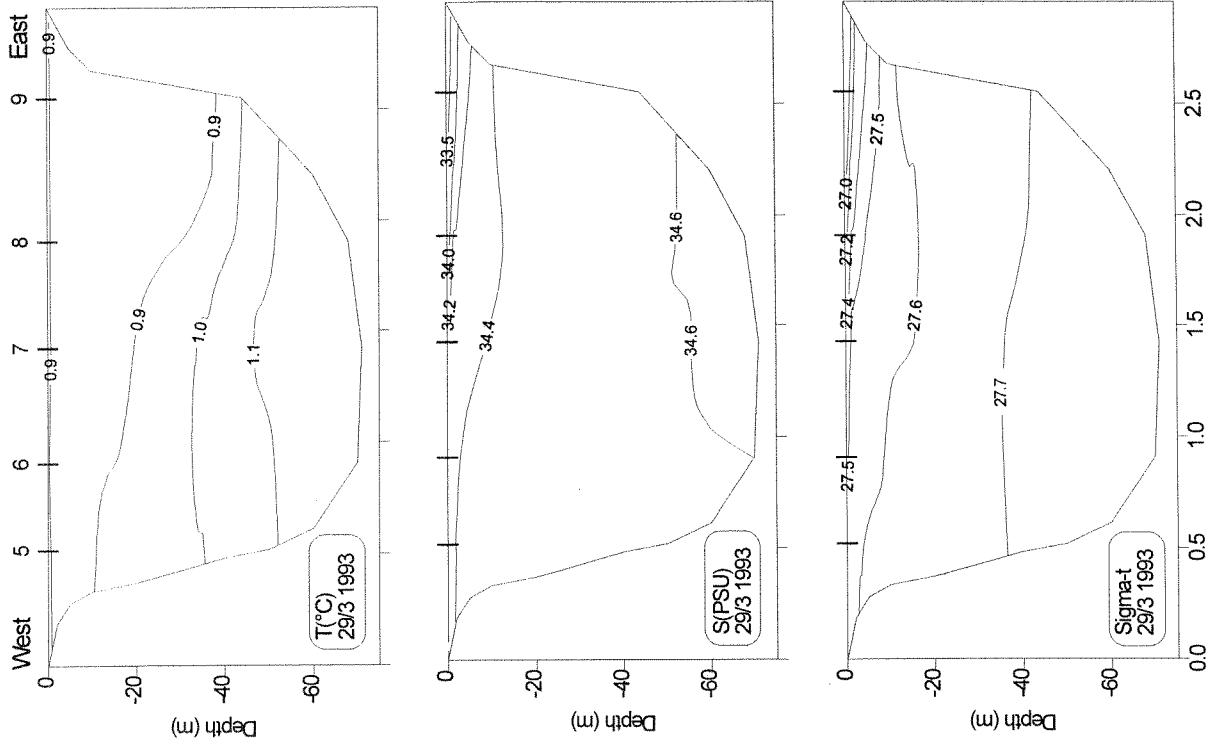


Figure 5.3.10. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

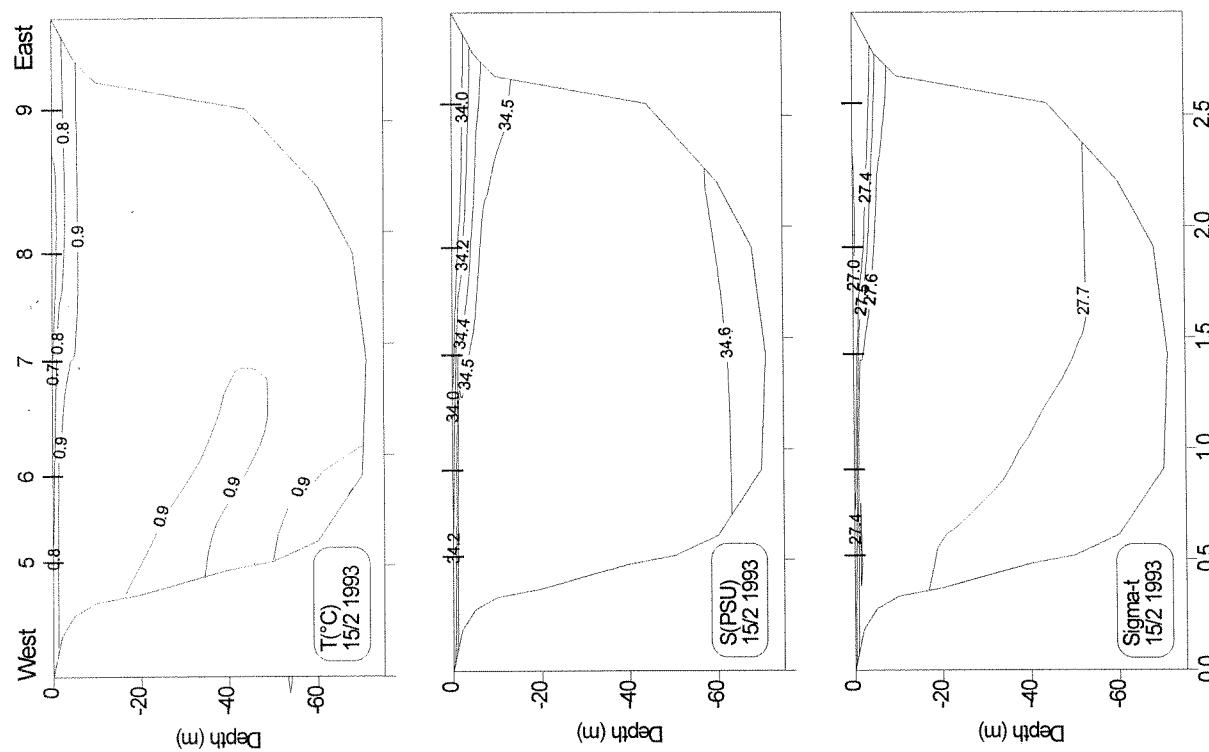


Figure 5.3.9. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

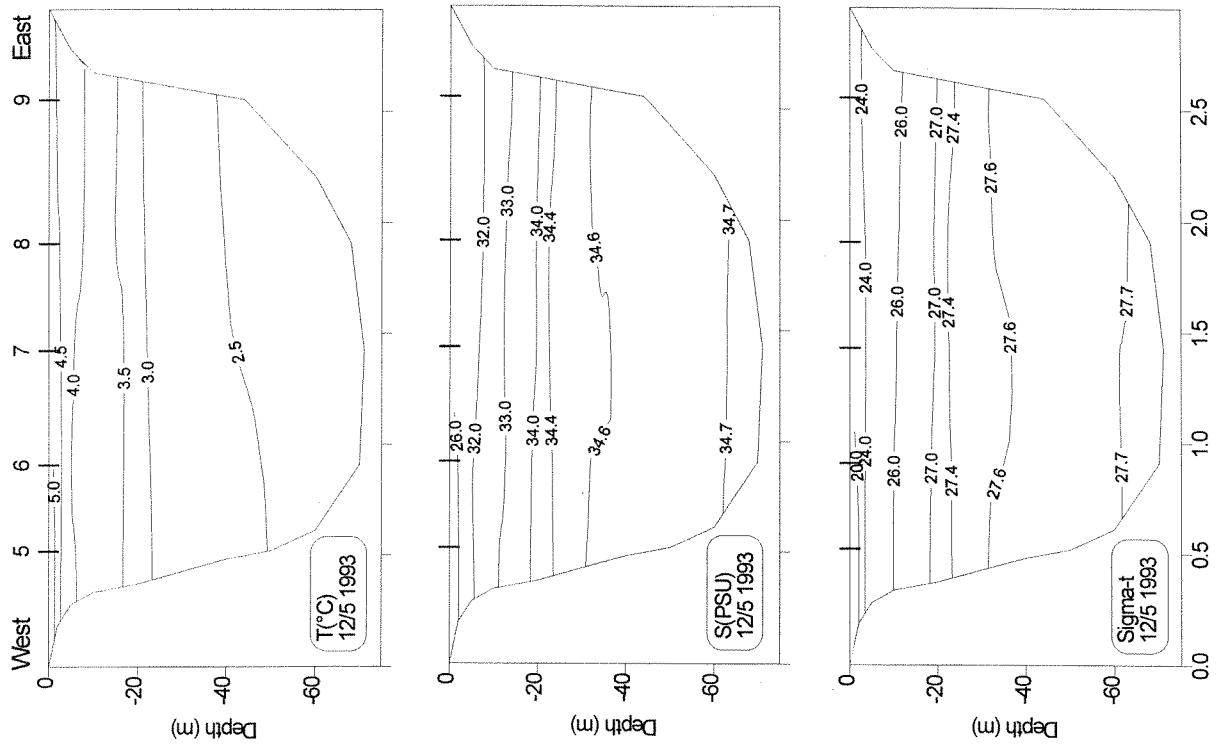


Figure 5.3.12. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

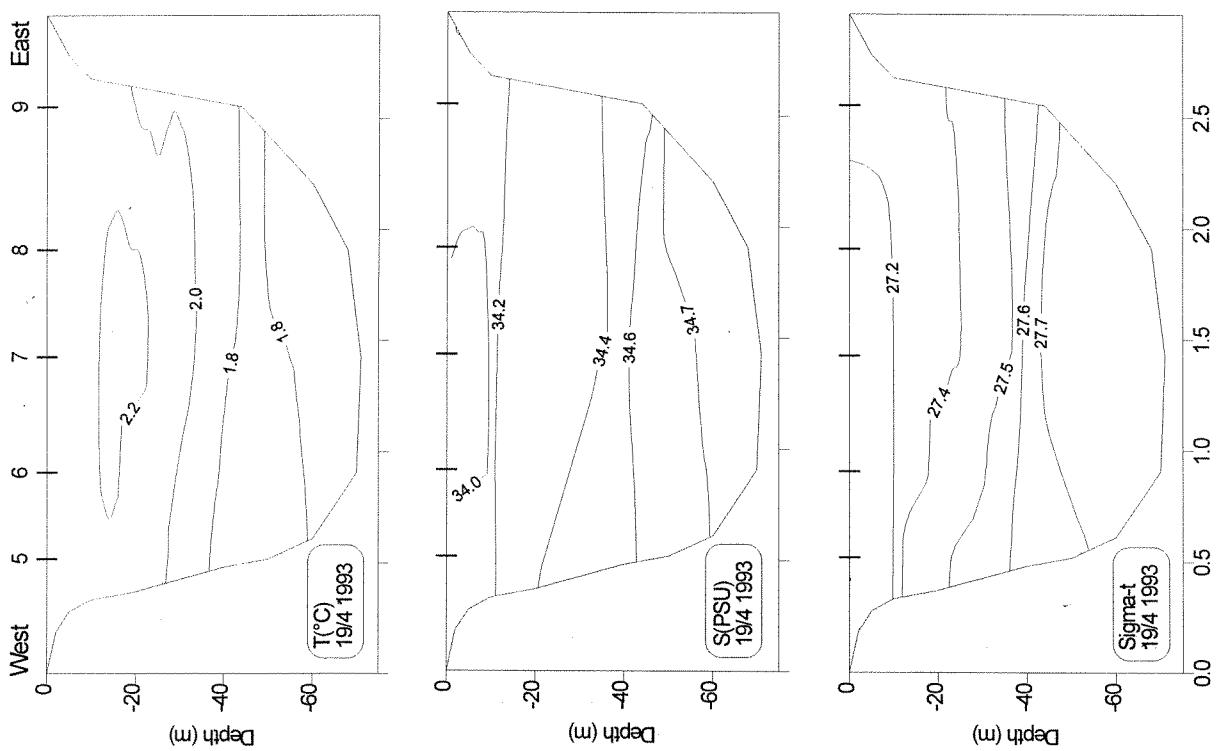


Figure 5.3.11. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

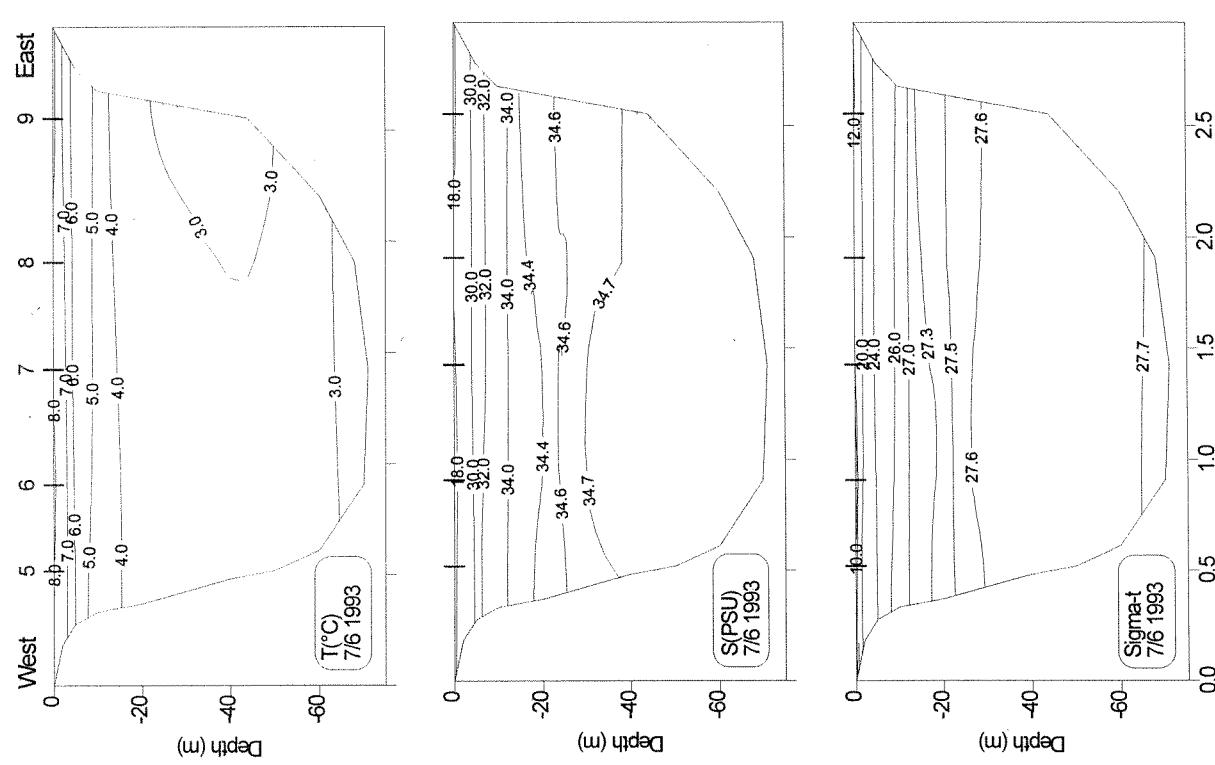


Figure 5.3.13. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

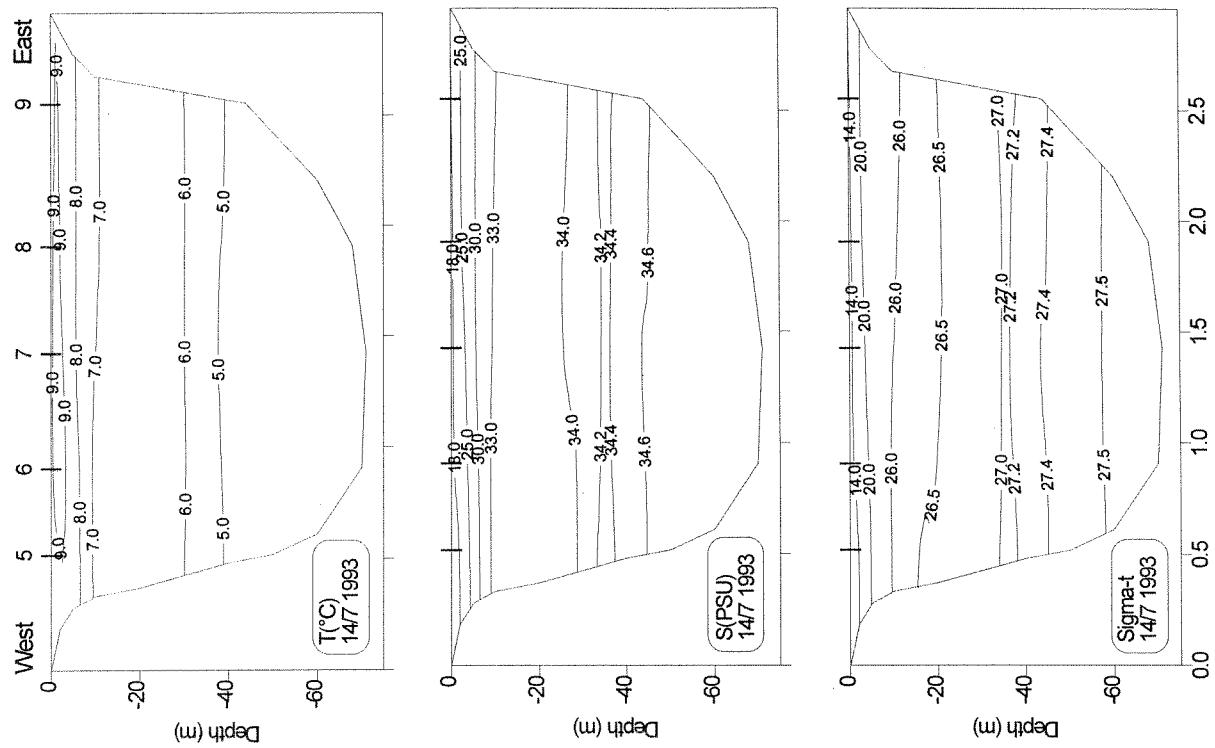


Figure 5.3.14. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

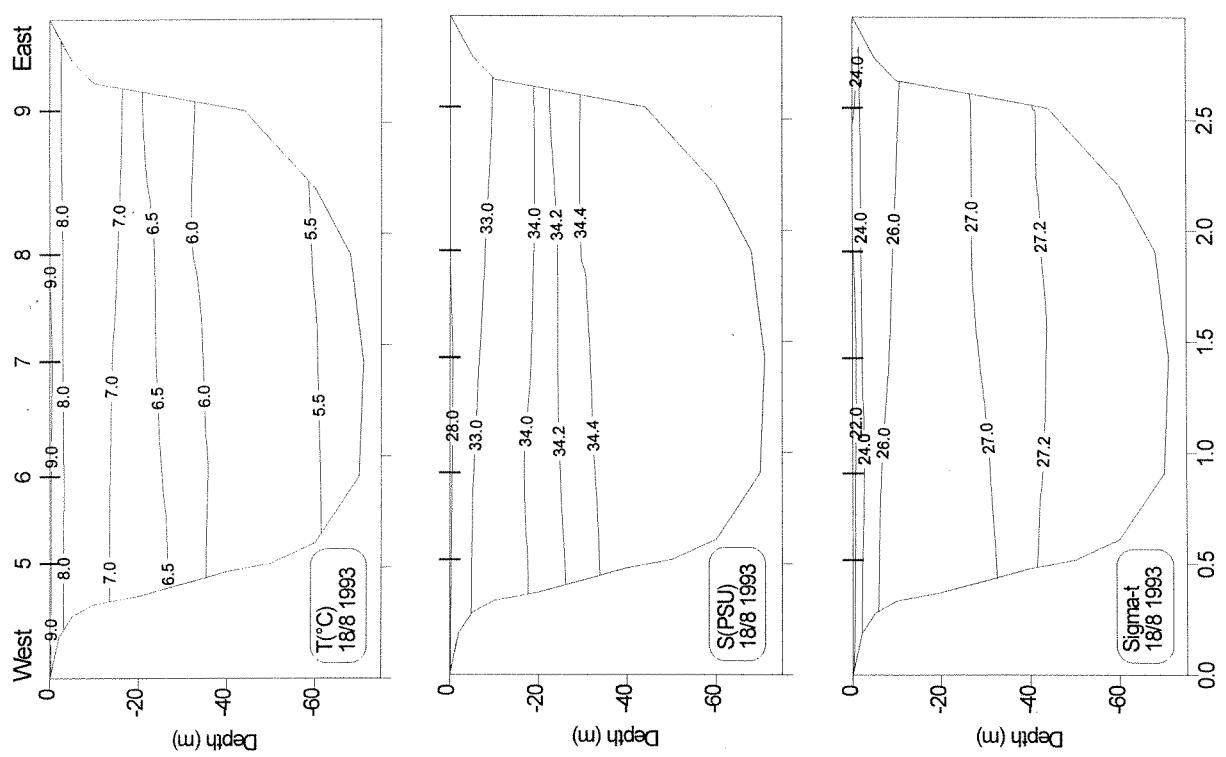


Figure 5.3.15. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dagverðareyri.

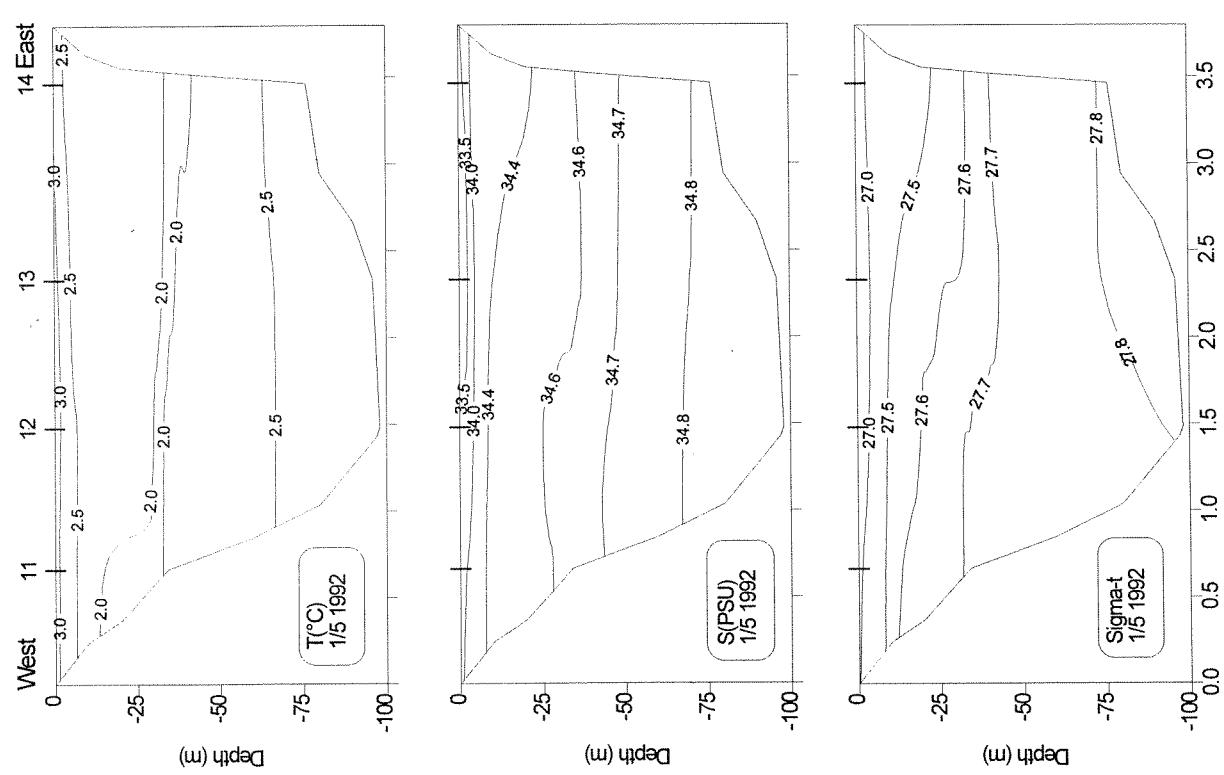


Figure 5.4.1. Vertical sections of temperature, salinity and sigma-t ( $\sigma_v$ ), at Haganes.

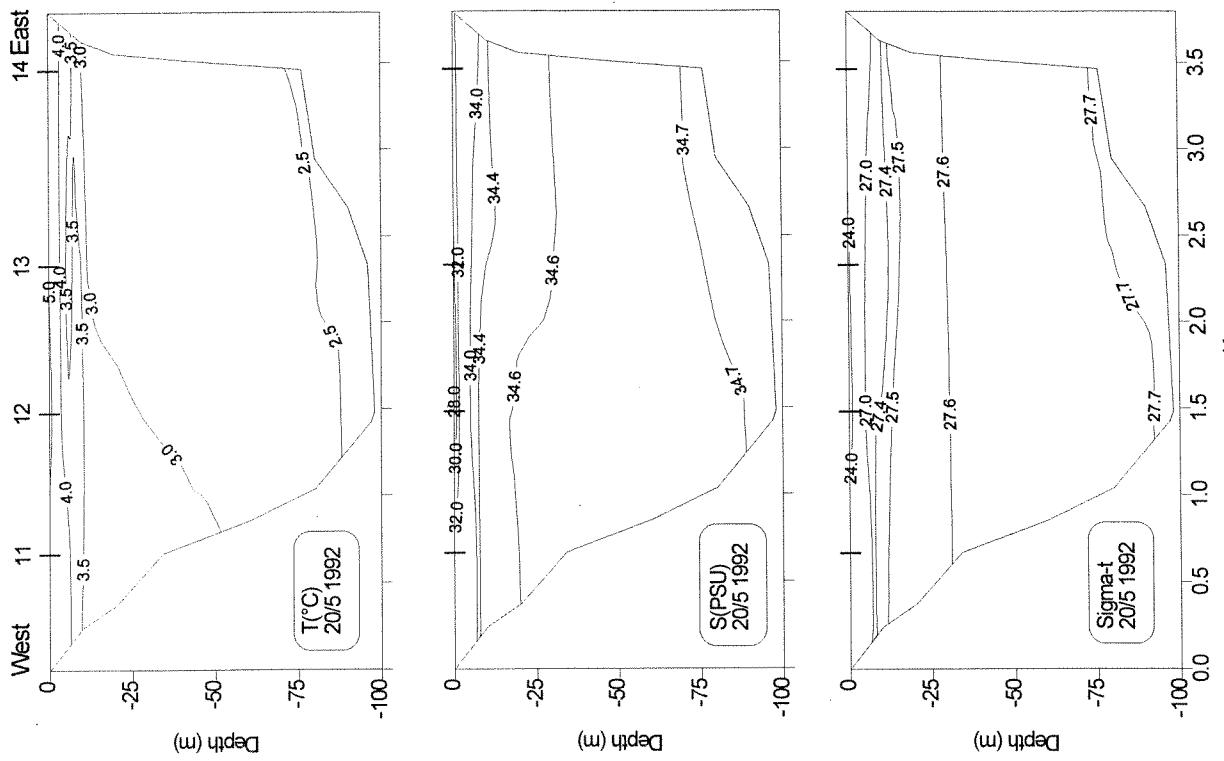


Figure 5.4.2. Vertical sections of temperature, salinity and sigma-t ( $\sigma_v$ ), at Haganes.

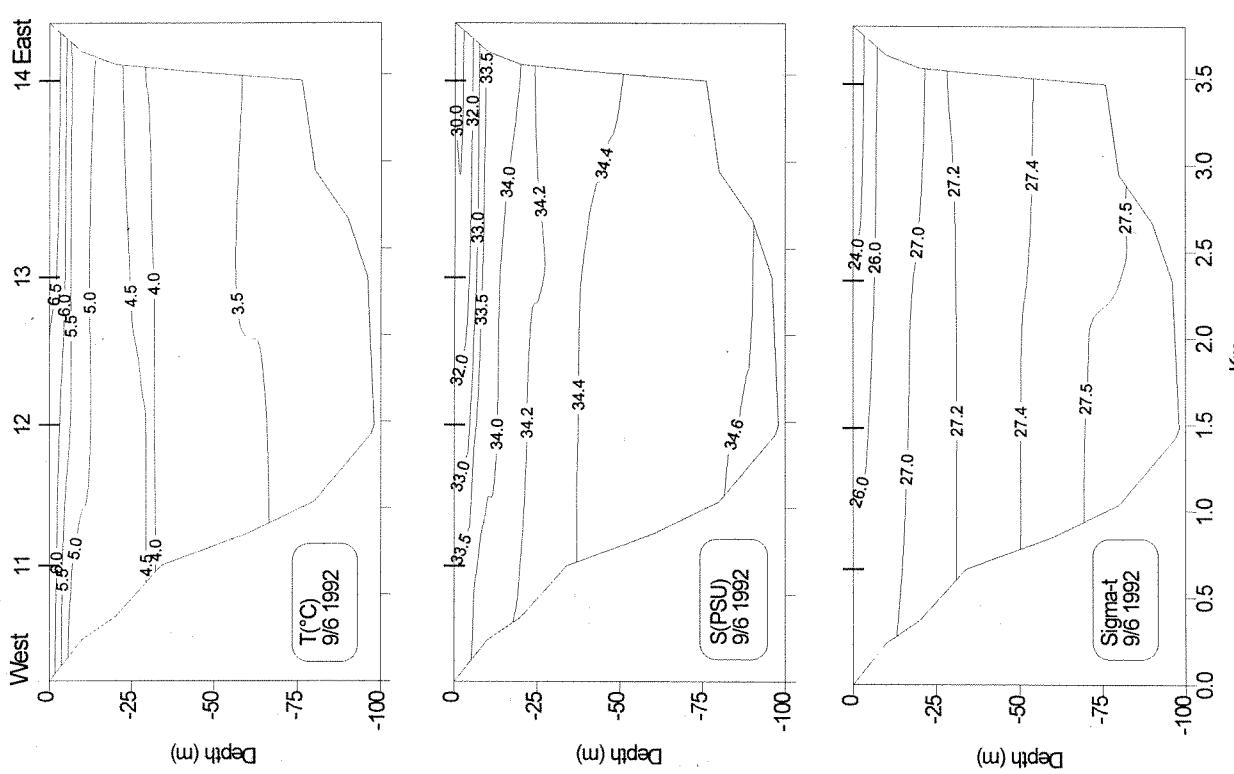


Figure 5.4.3. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Haganes.

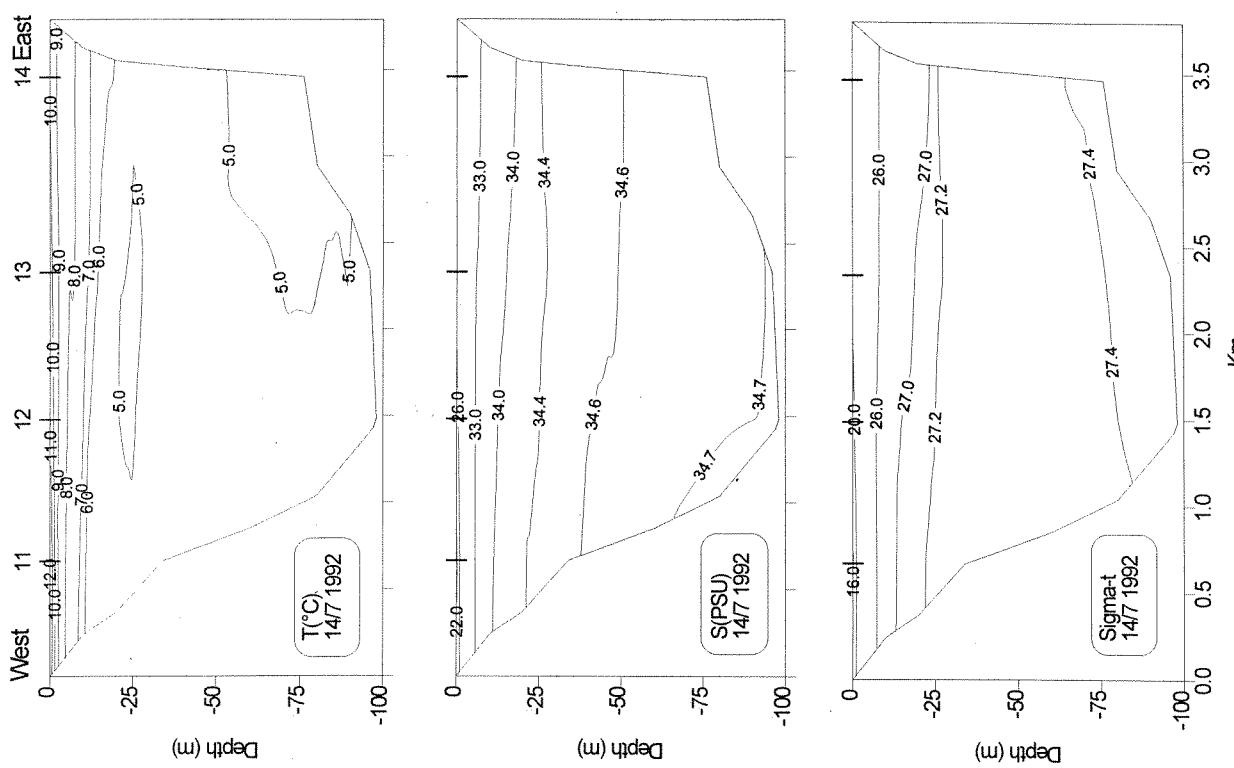


Figure 5.4.4. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Haganes.

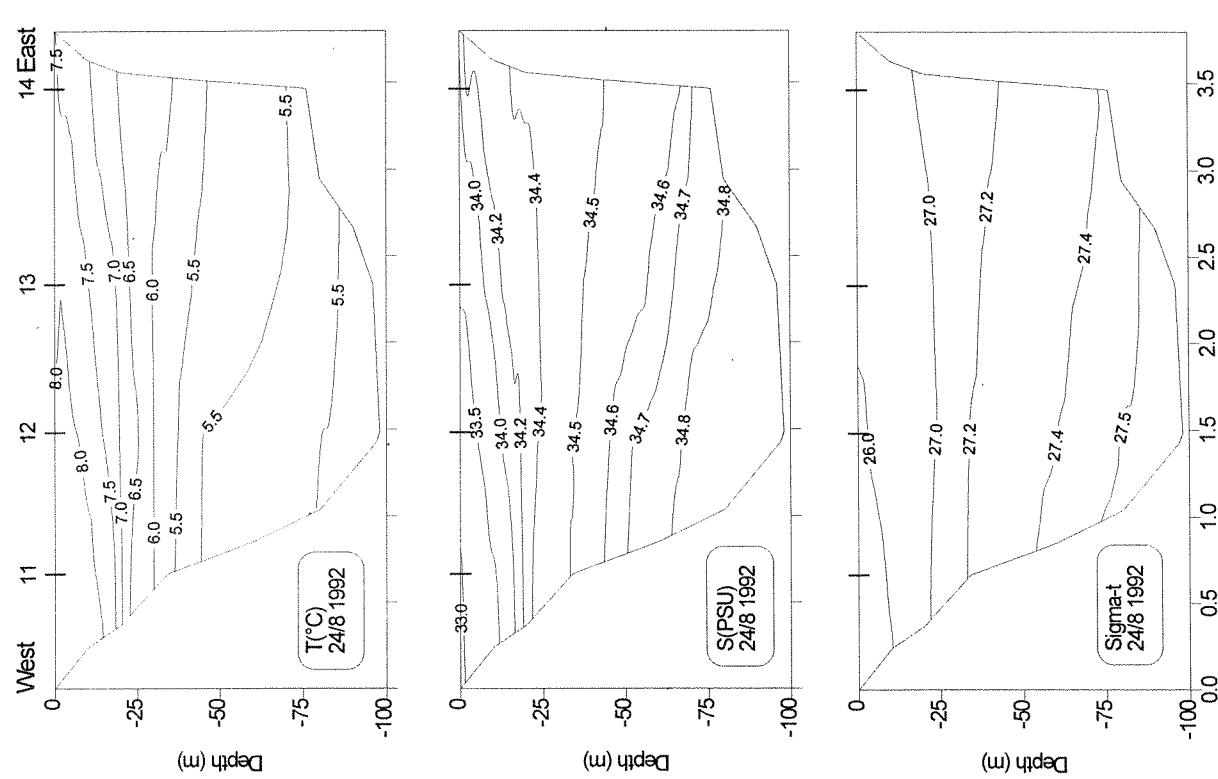


Figure 5.4.5. Vertical sections of temperature, salinity and sigma-t ( $\sigma_v$ ), at Haganes.

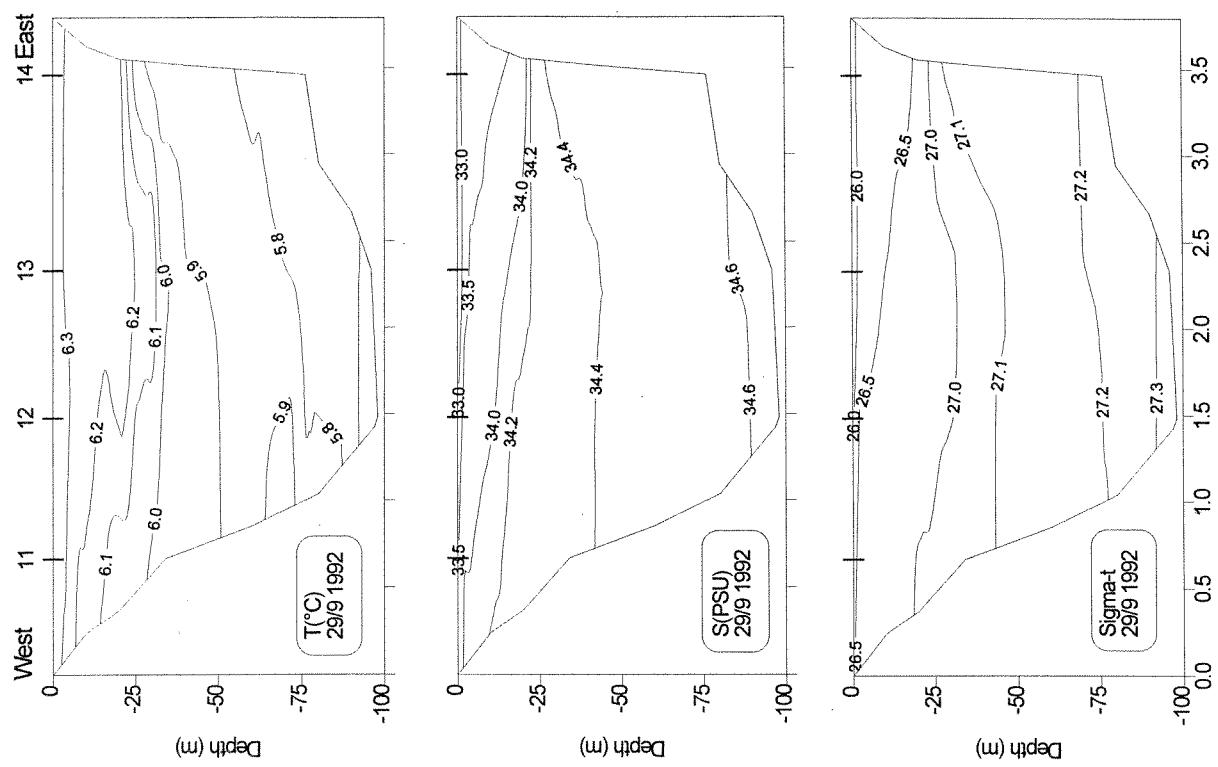


Figure 5.4.6. Vertical sections of temperature, salinity and sigma-t ( $\sigma_v$ ), at Haganes.

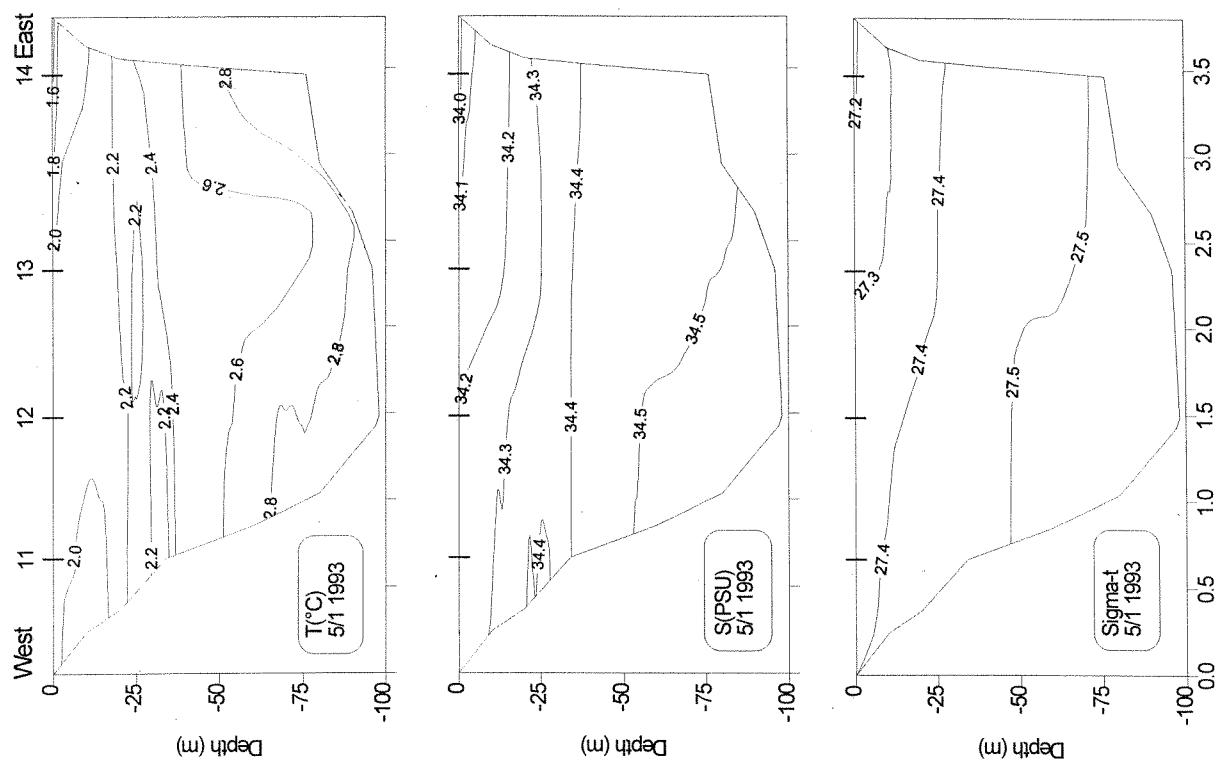


Figure 5.4.7. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ) at Haganes.

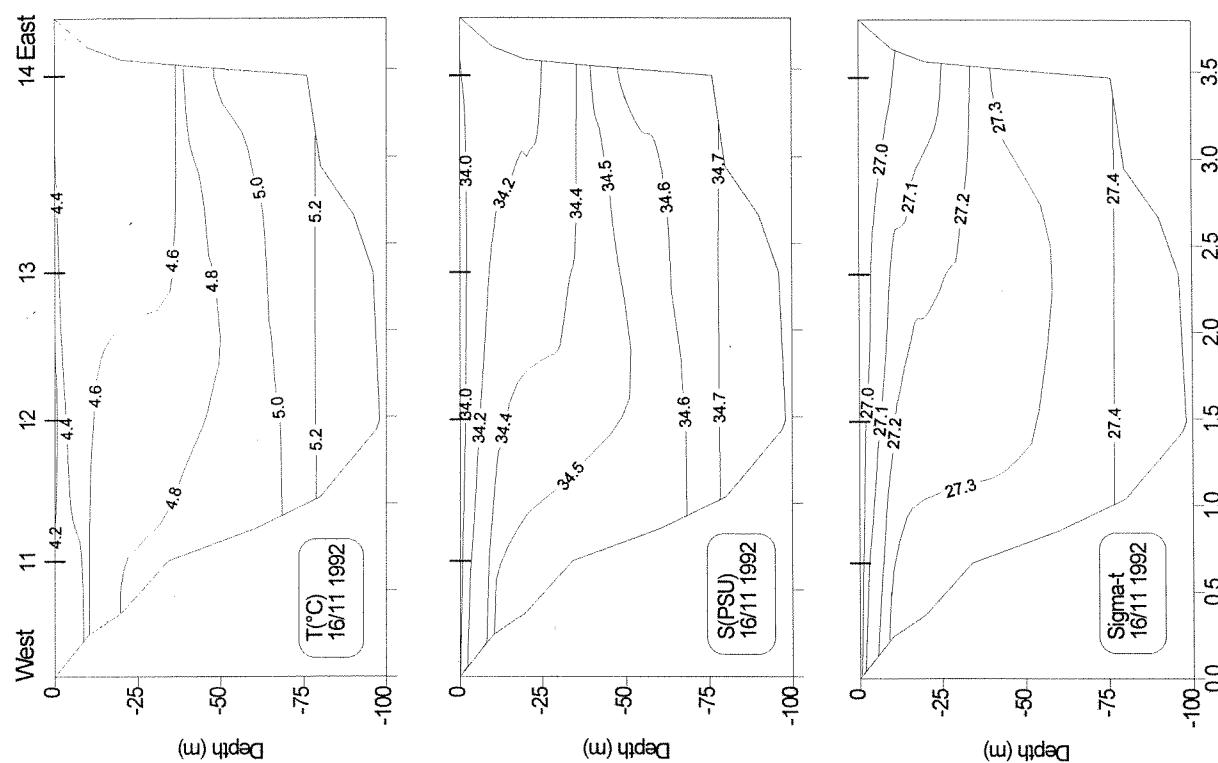


Figure 5.4.8. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ) at Haganes.

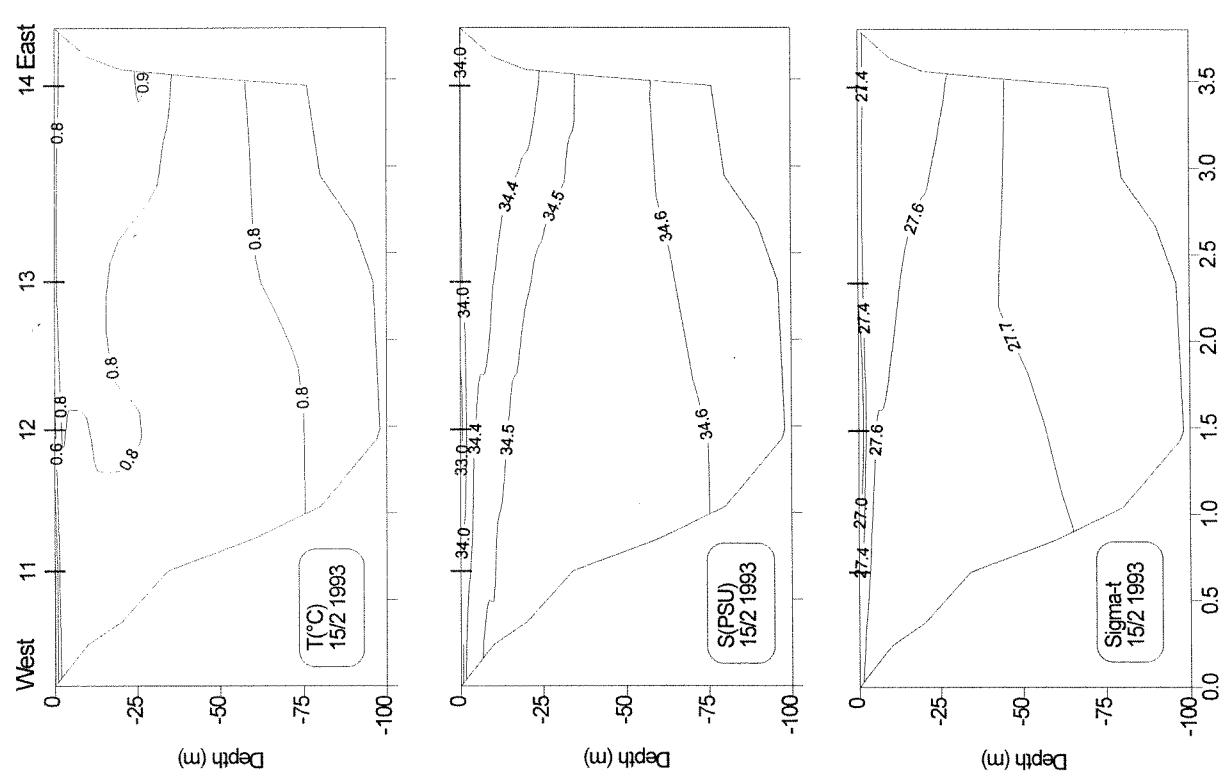


Figure 5.4.9. Vertical sections of temperature, salinity and sigma-t ( $\sigma_v$ ), at Haganes.

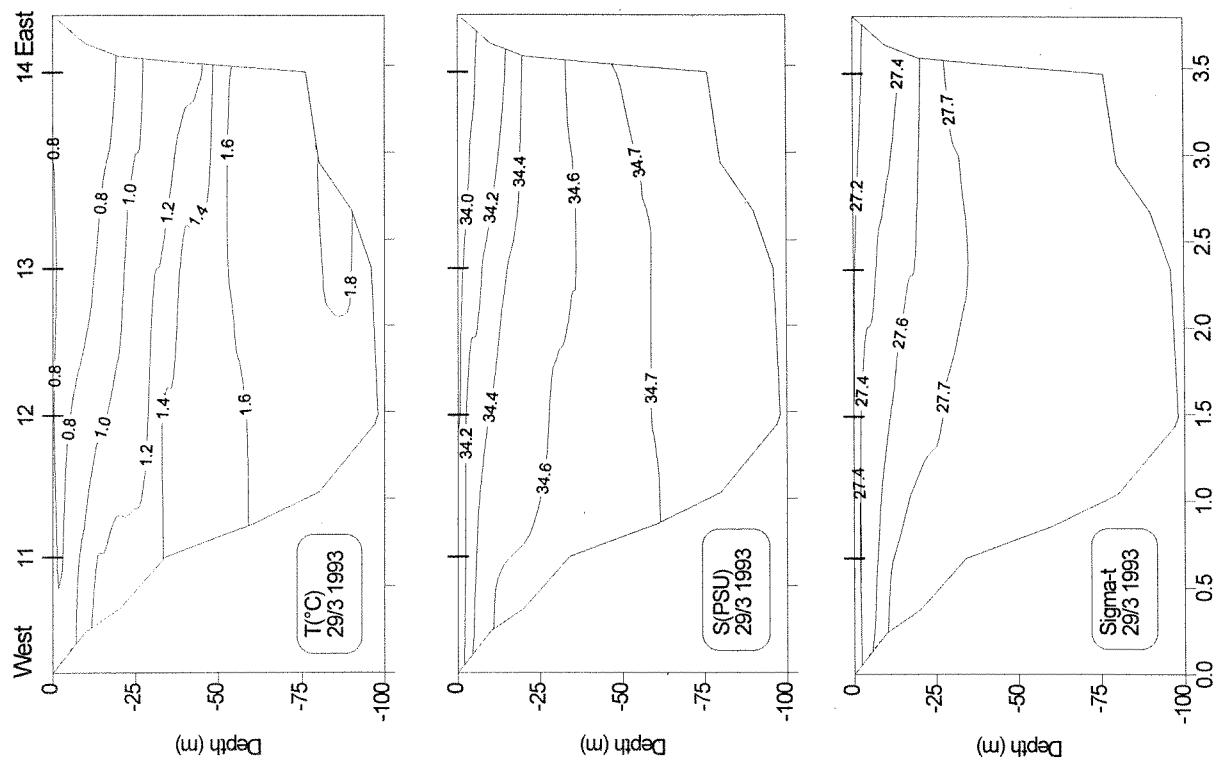


Figure 5.4.10. Vertical sections of temperature, salinity and sigma-t ( $\sigma_v$ ), at Haganes.

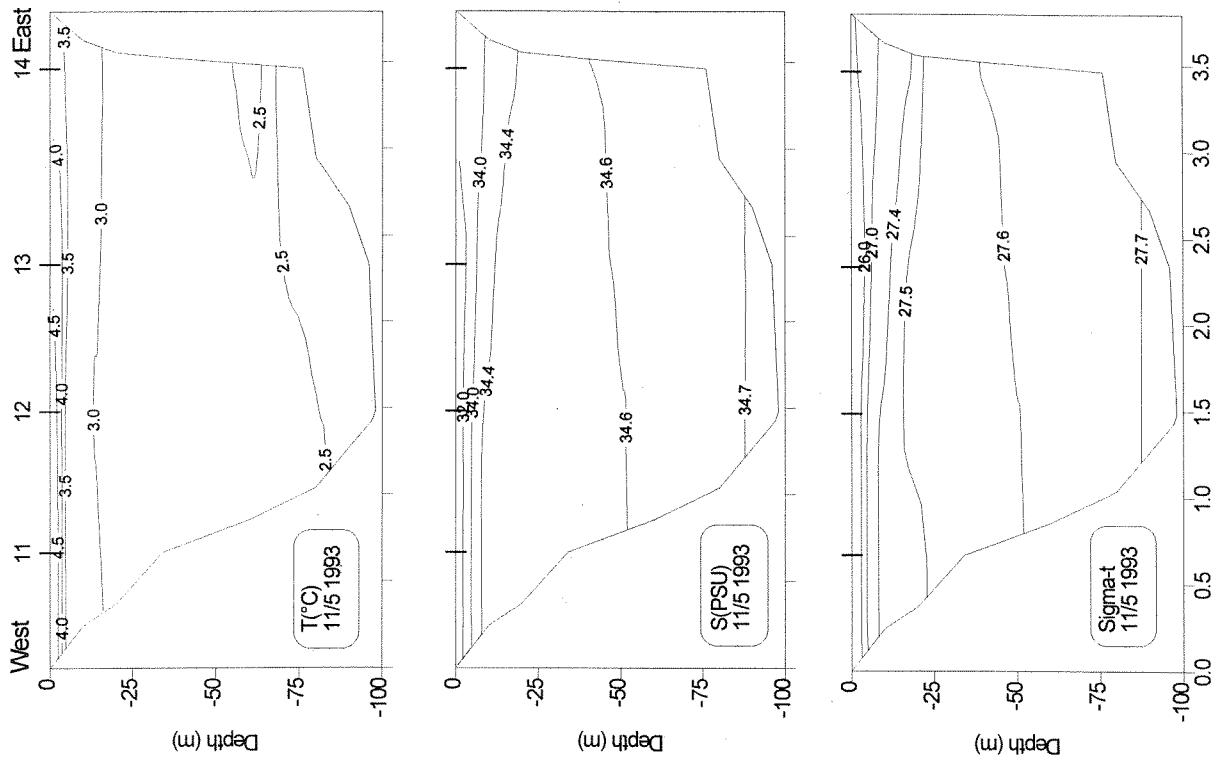


Figure 5.4.11. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Haganes.

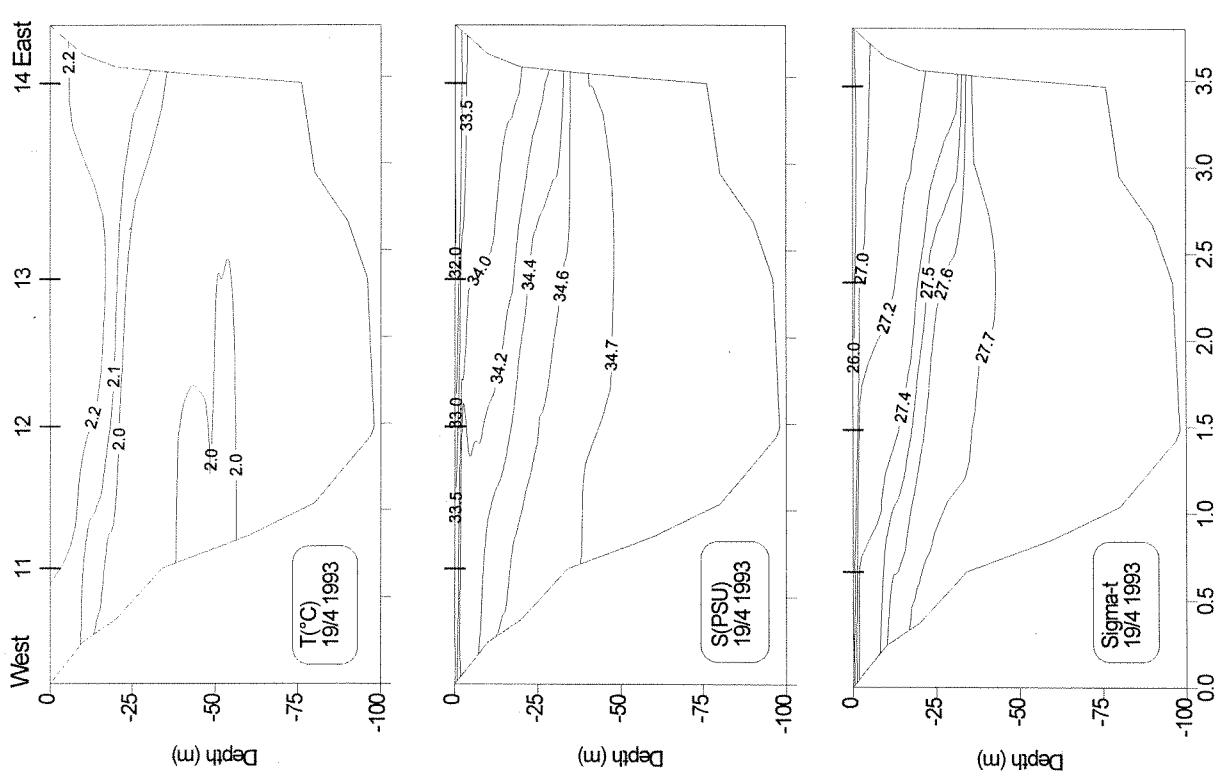


Figure 5.4.12. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Haganes.

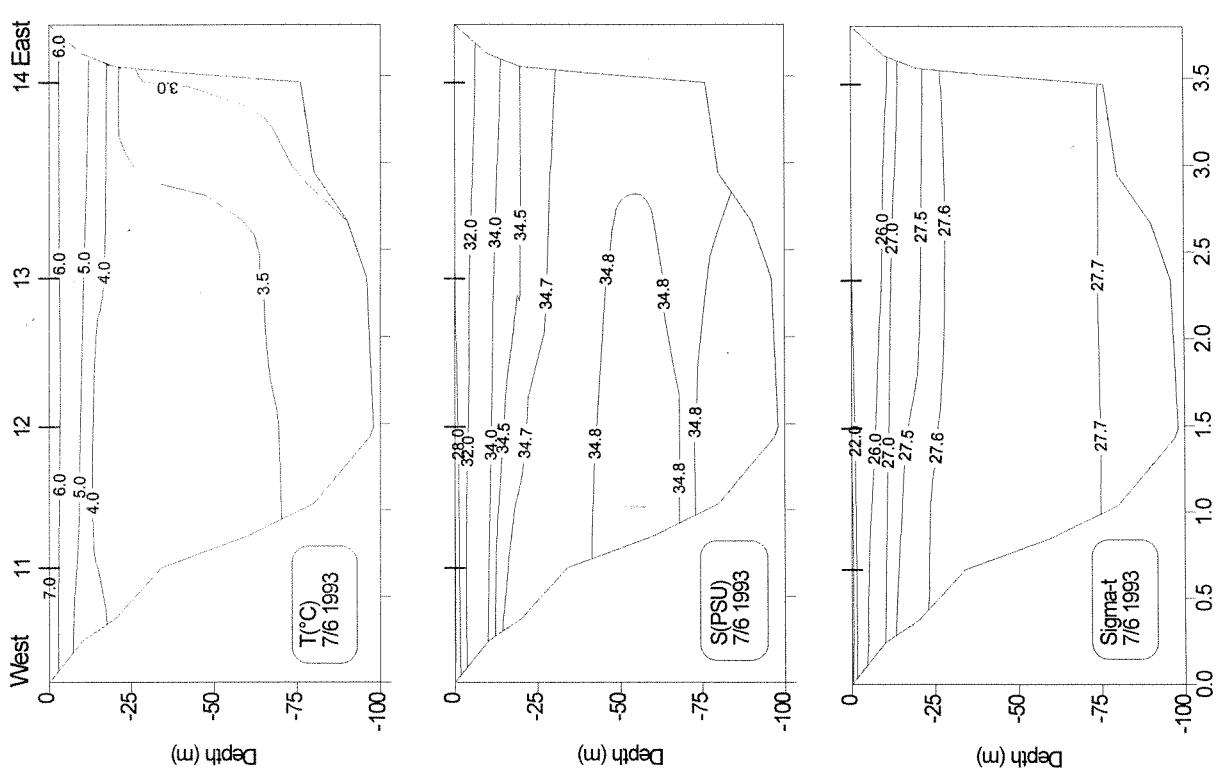


Figure 5.4.13. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Haganes.

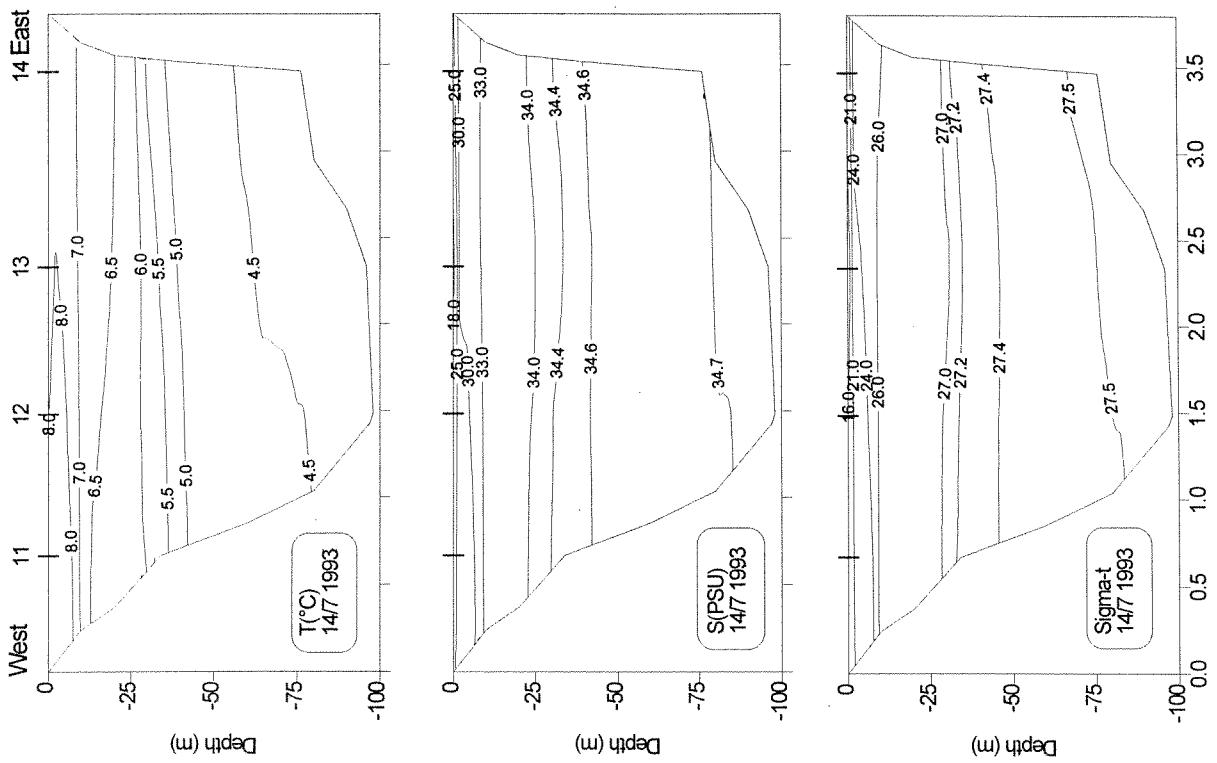


Figure 5.4.14. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Haganes.

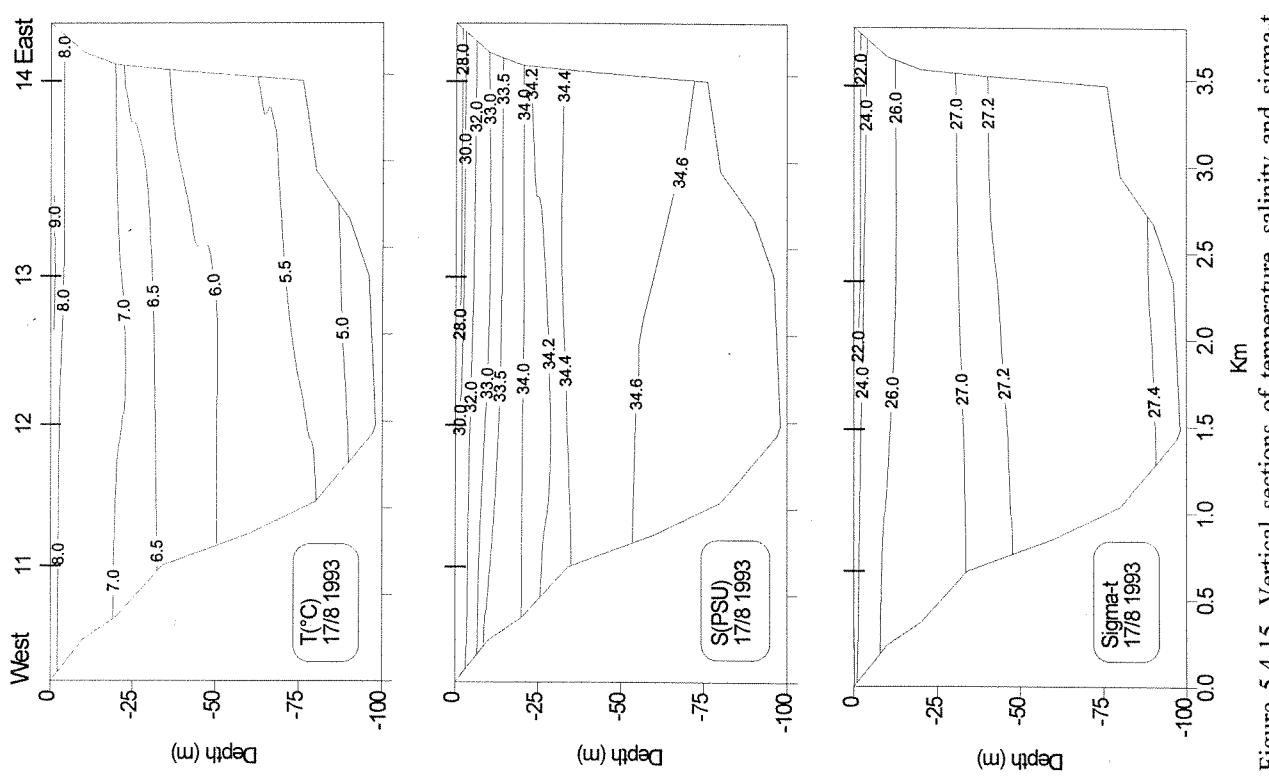


Figure 5.4.15. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Haganes.

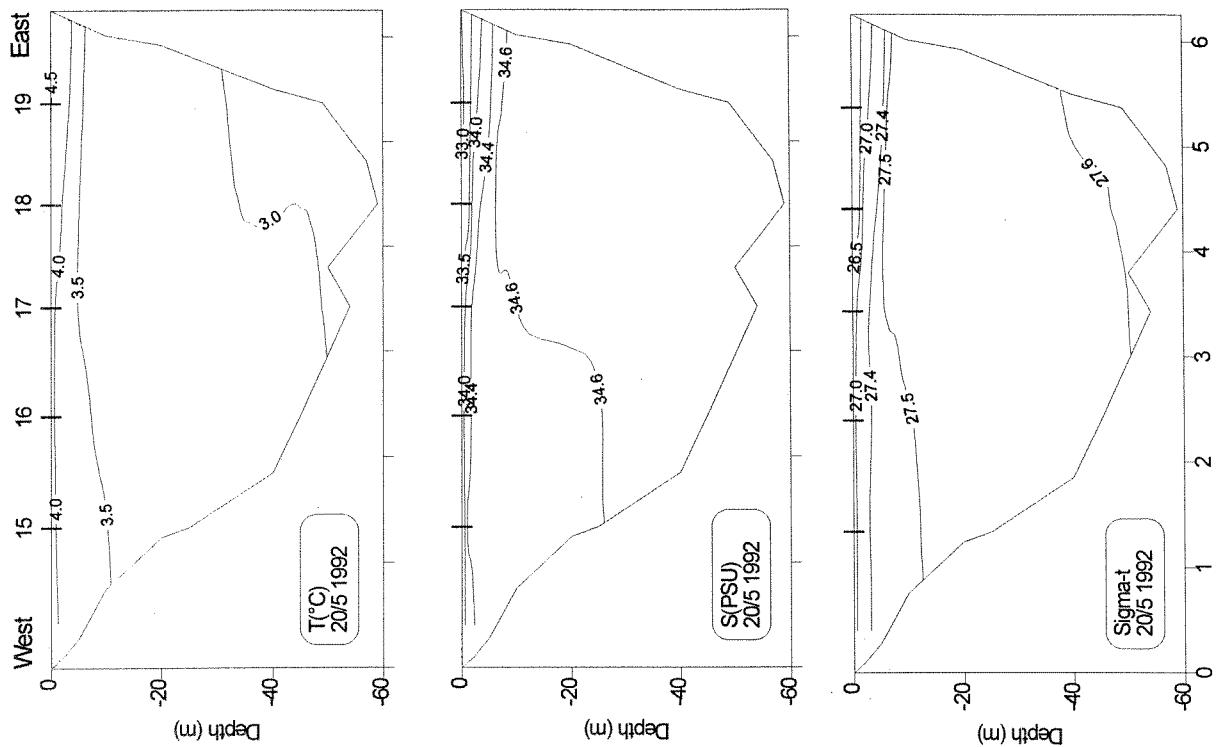


Figure 5.5.2. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ) at Dalvík.

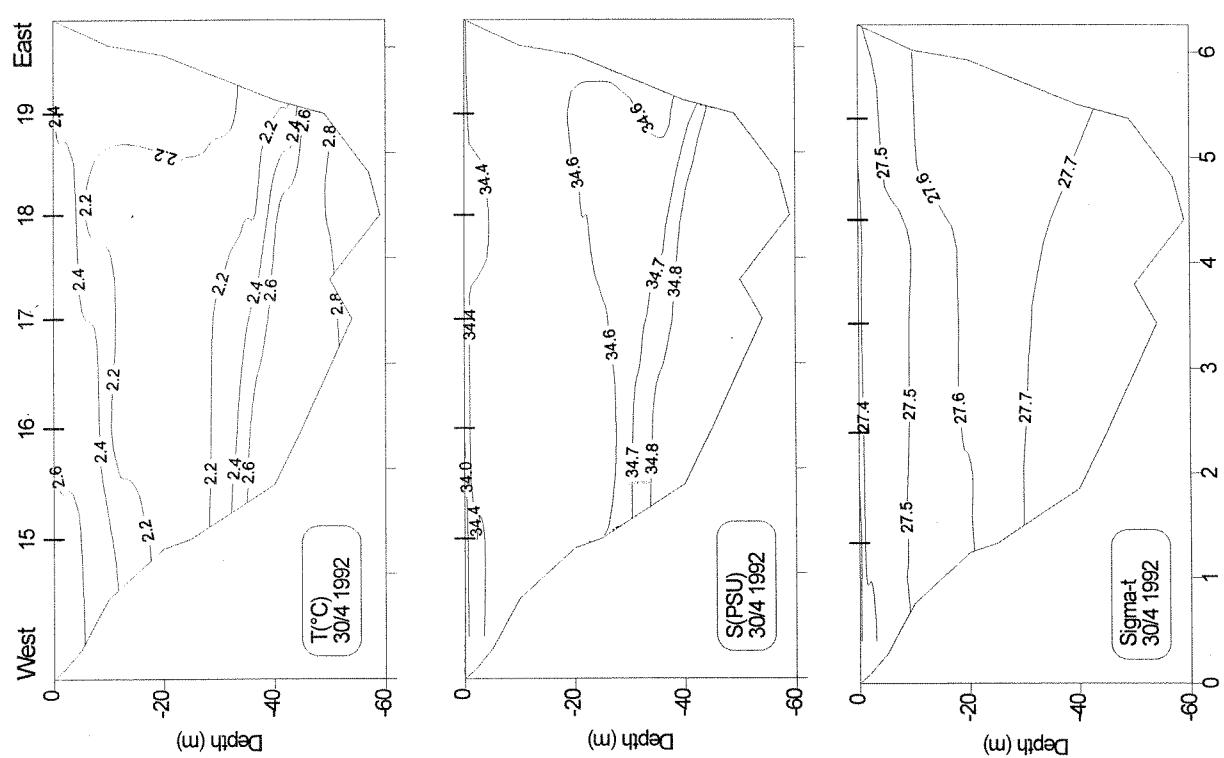


Figure 5.5.1. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ) at Dalvík.

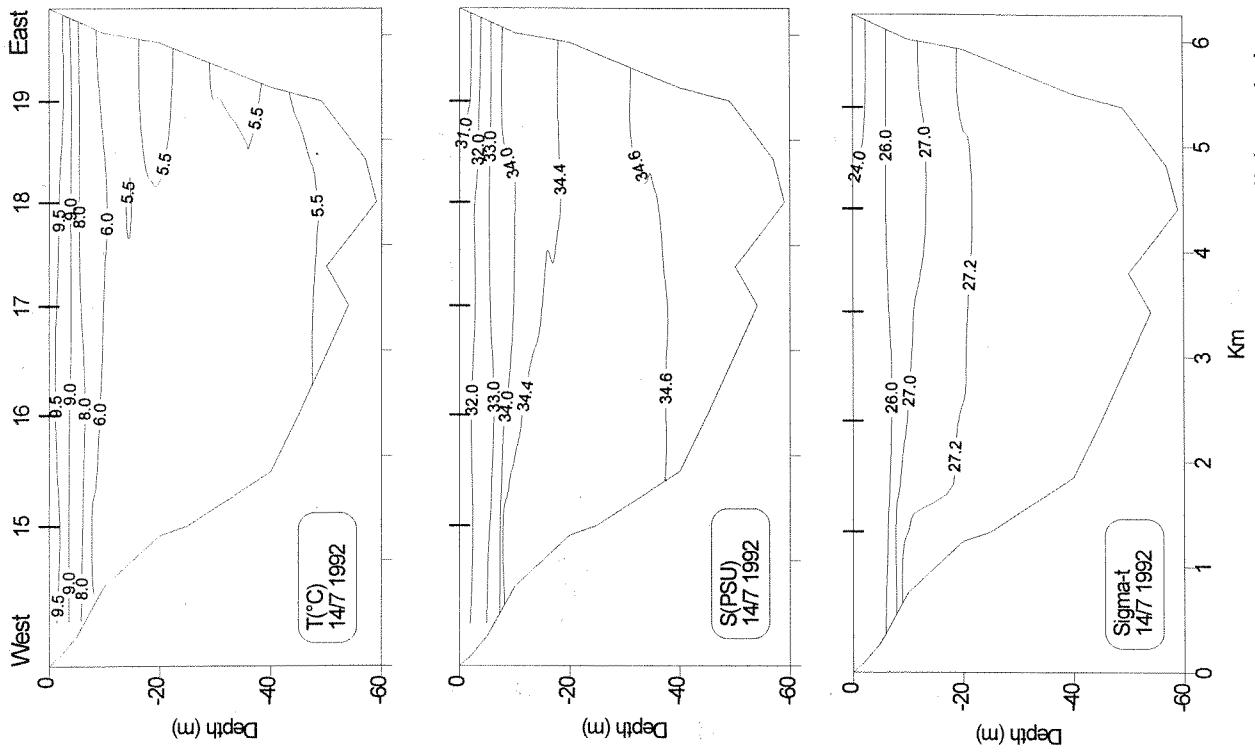


Figure 5.5.4. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dalvík.

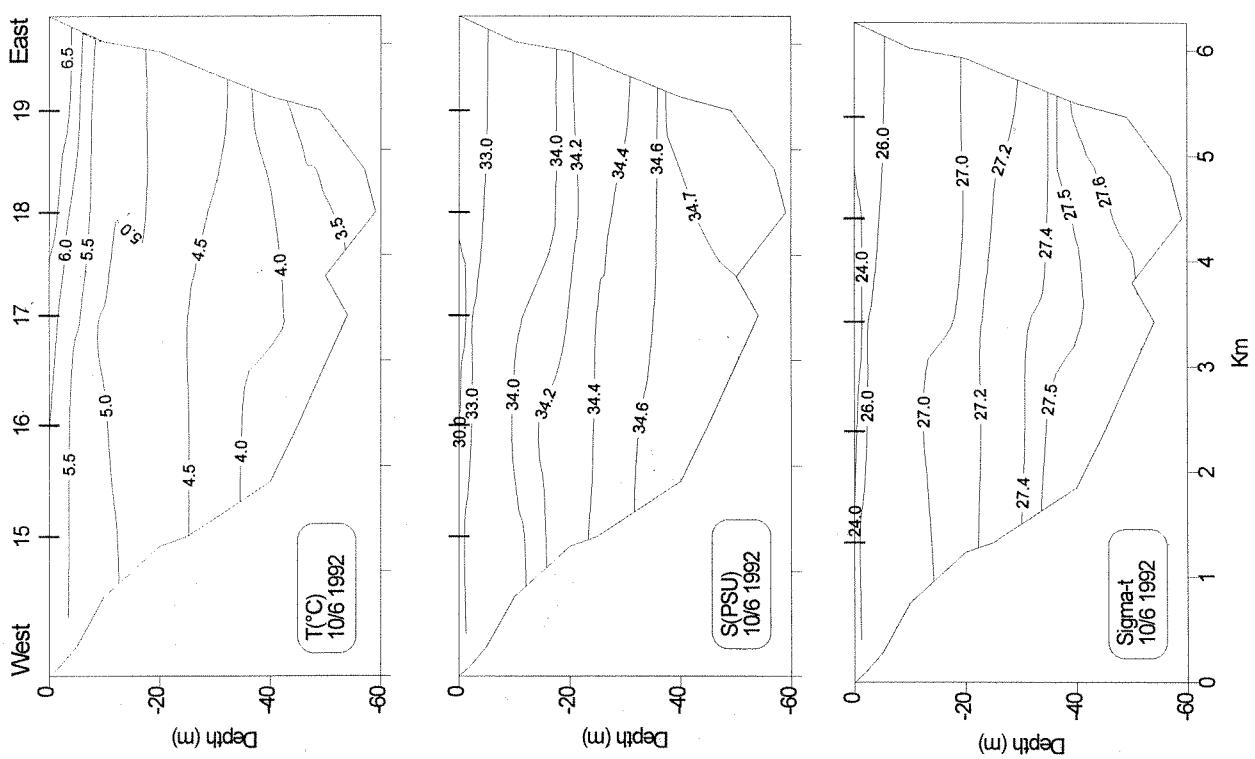


Figure 5.5.3. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dalvík.

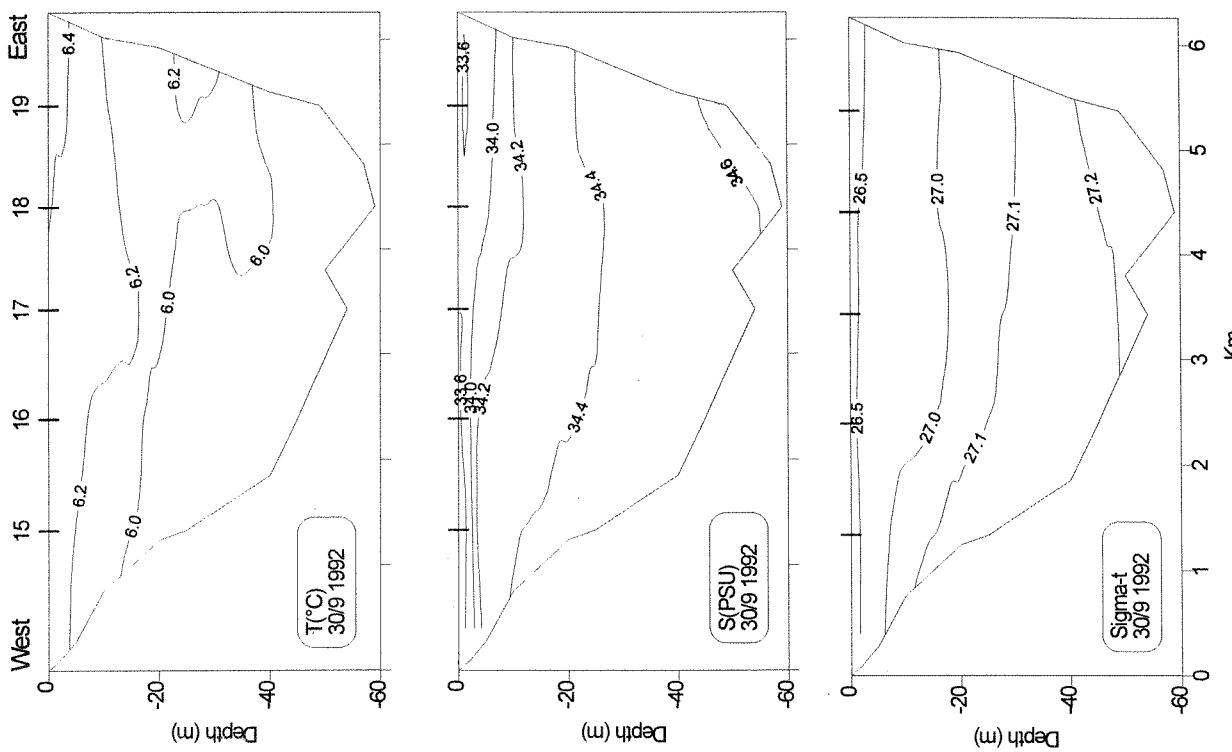


Figure 5.5.6. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dalvik.

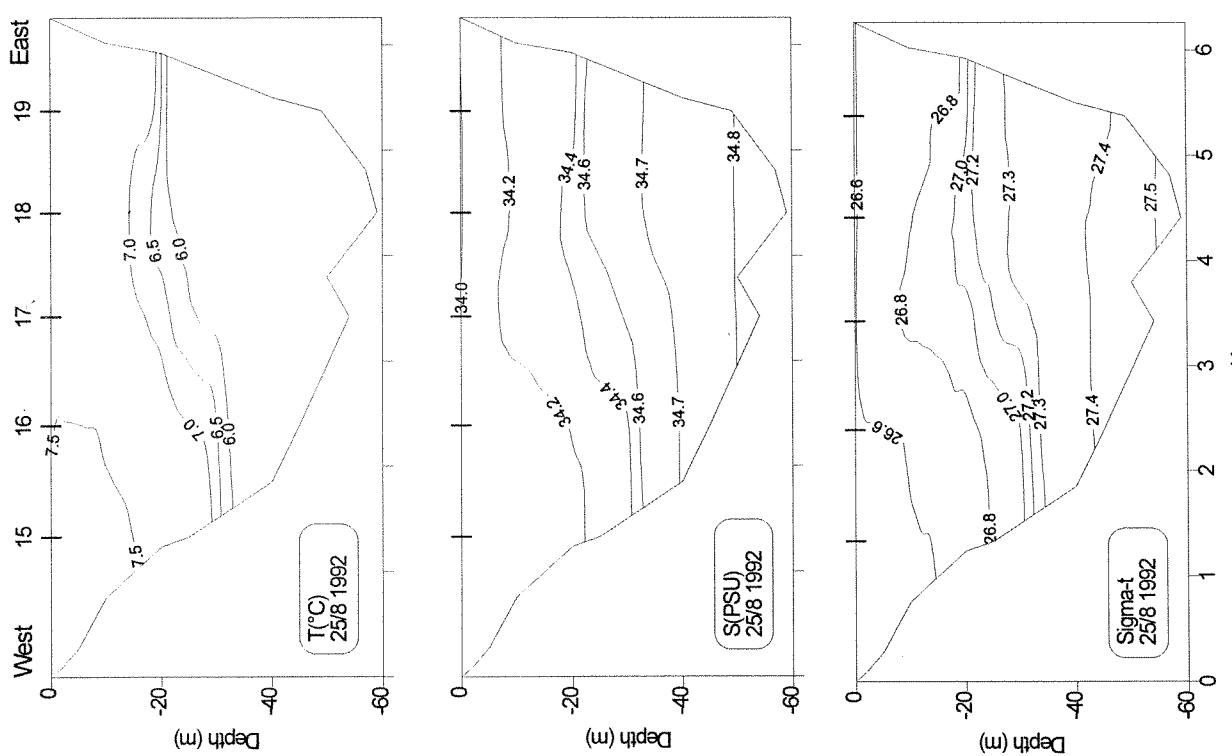


Figure 5.5.5. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dalvik.

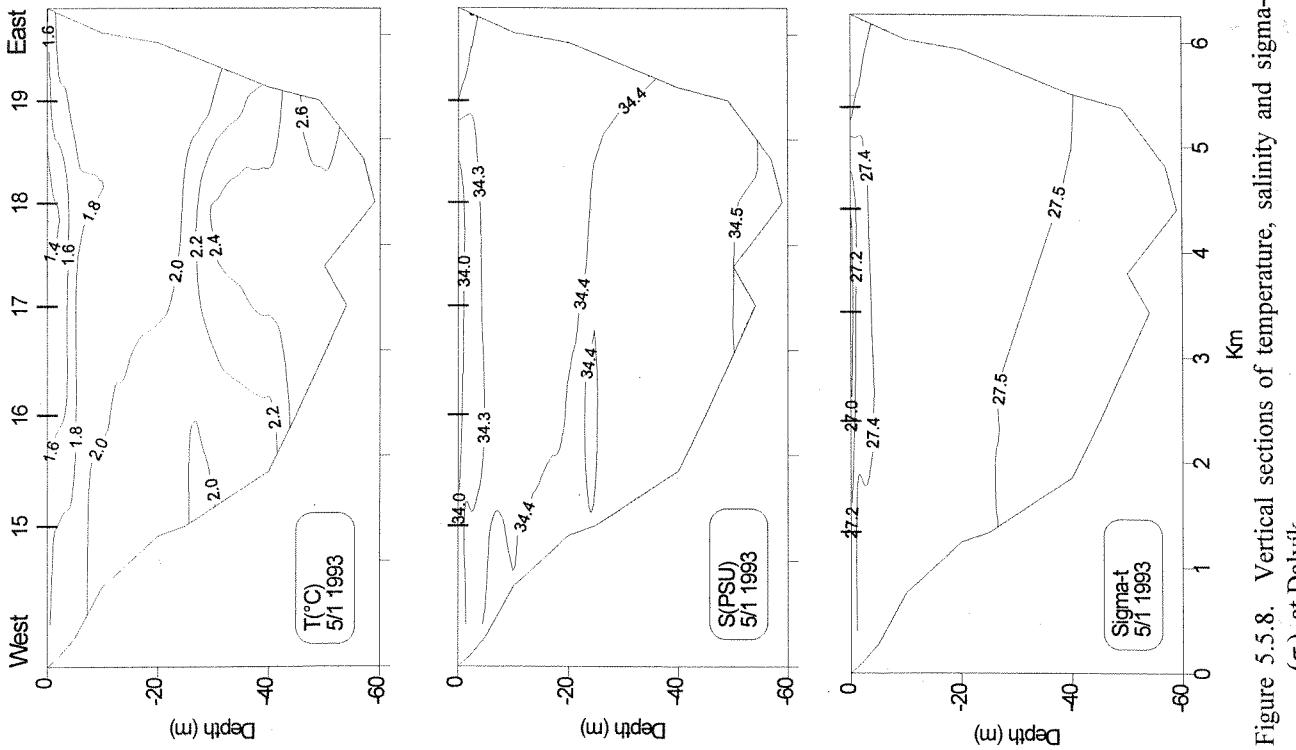
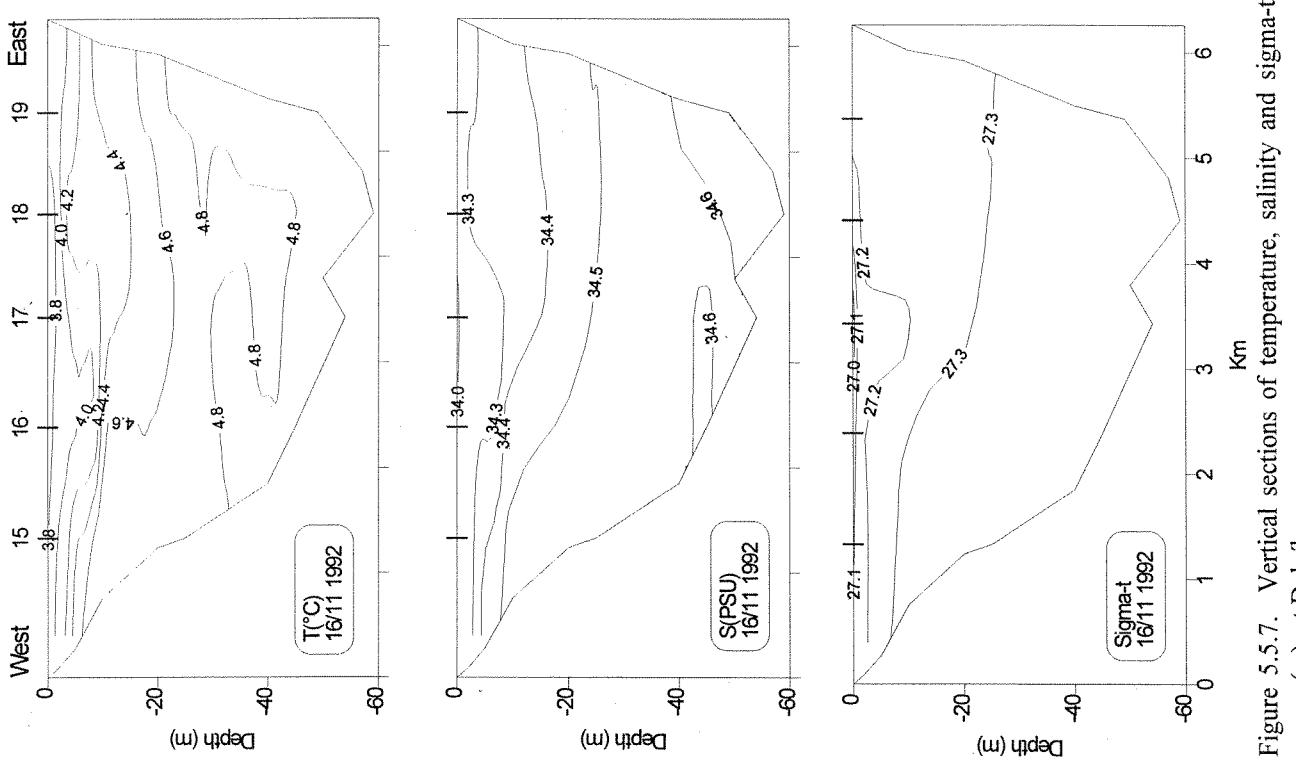


Figure 5.5.7. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dalvik.  
 Figure 5.5.8. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dalvik.



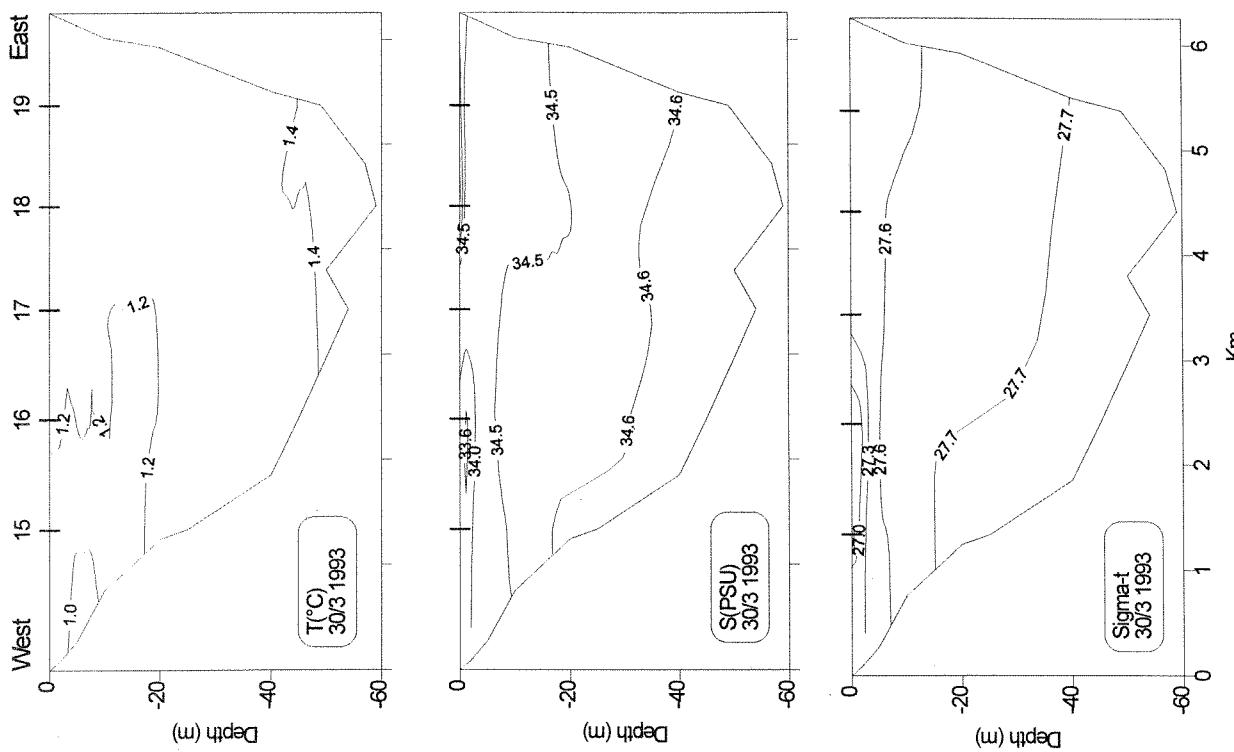


Figure 5.5.10. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dalvik.

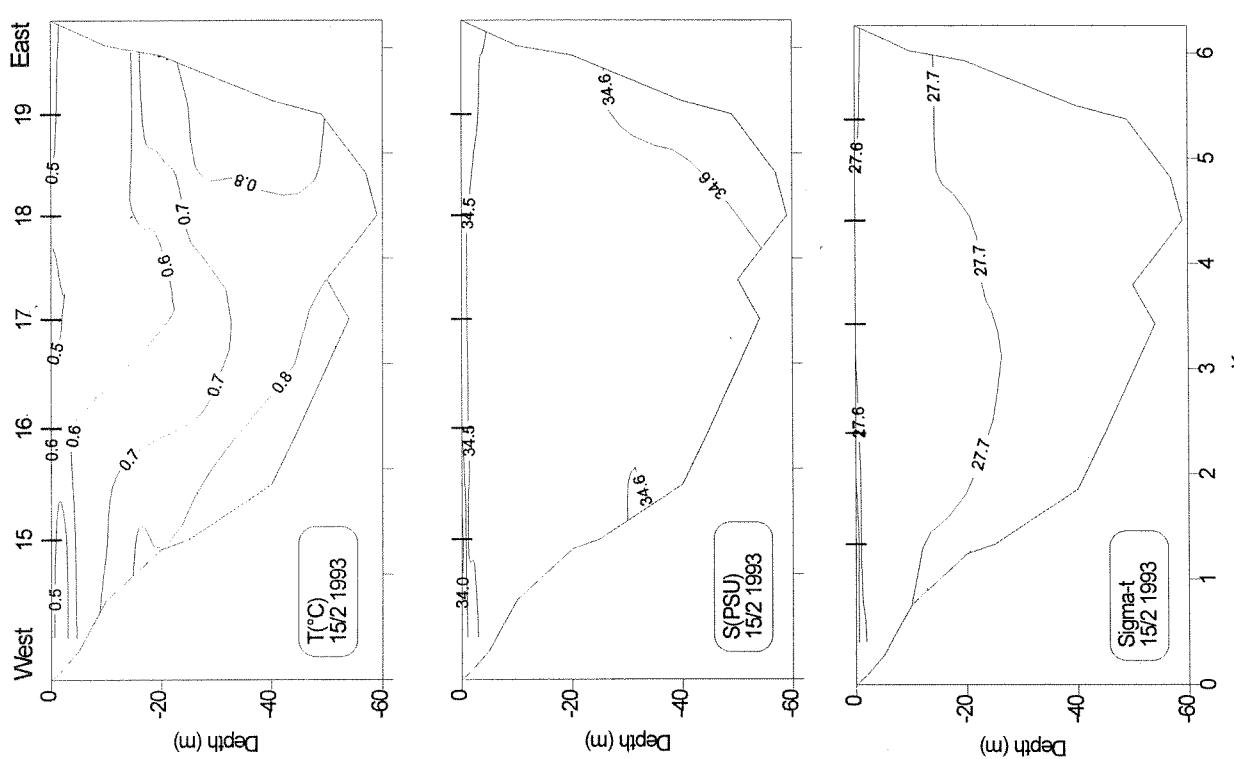


Figure 5.5.9. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dalvik.

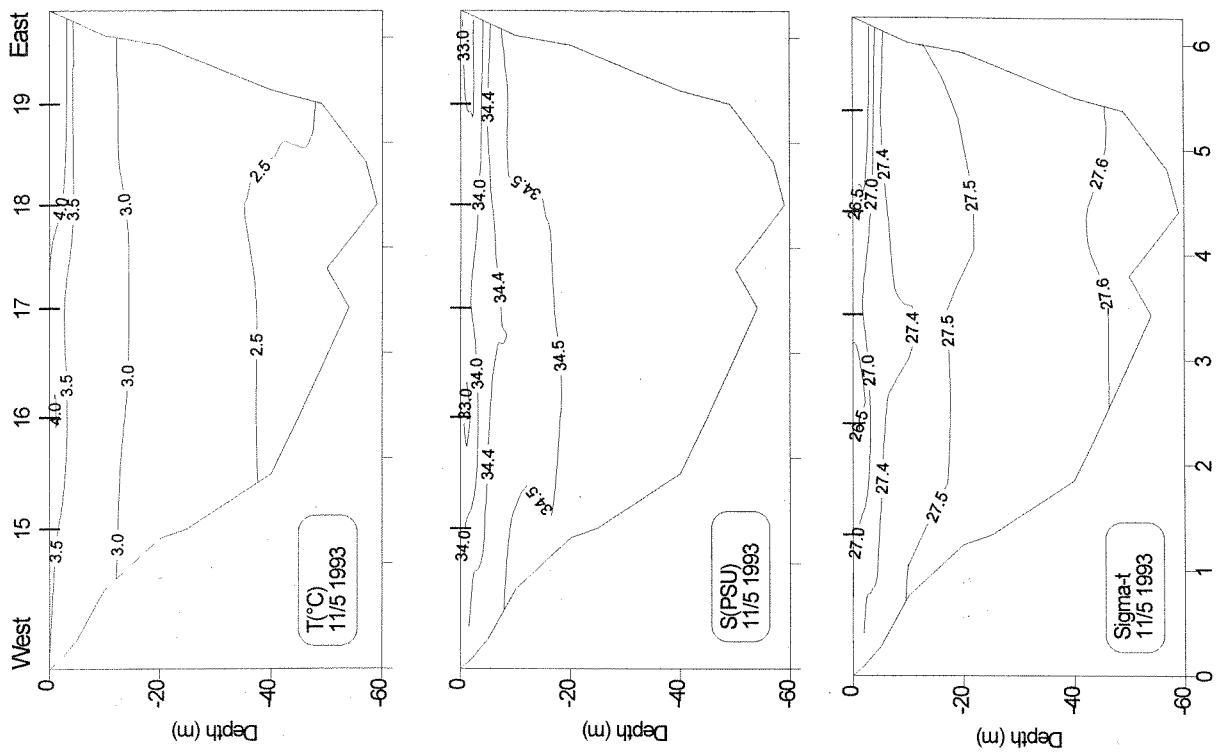


Figure 5.5.12. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ) at Dalvík.

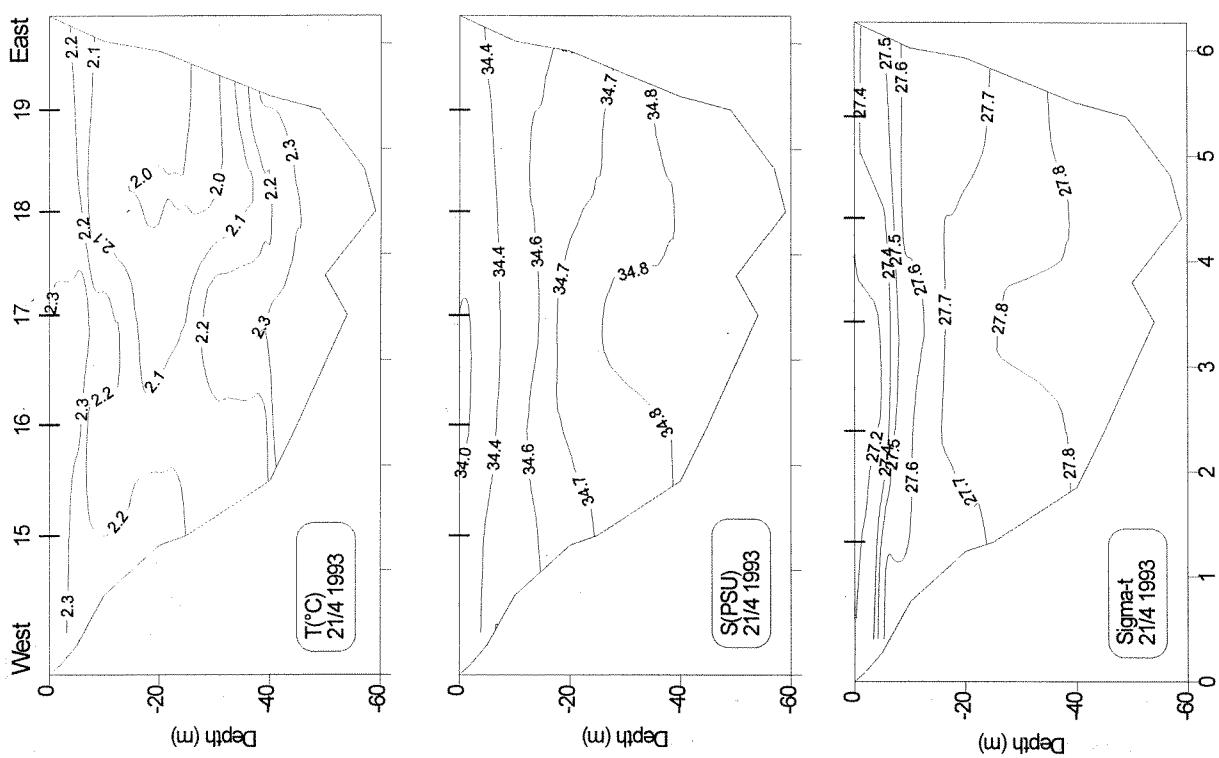


Figure 5.5.11. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ) at Dalvík.

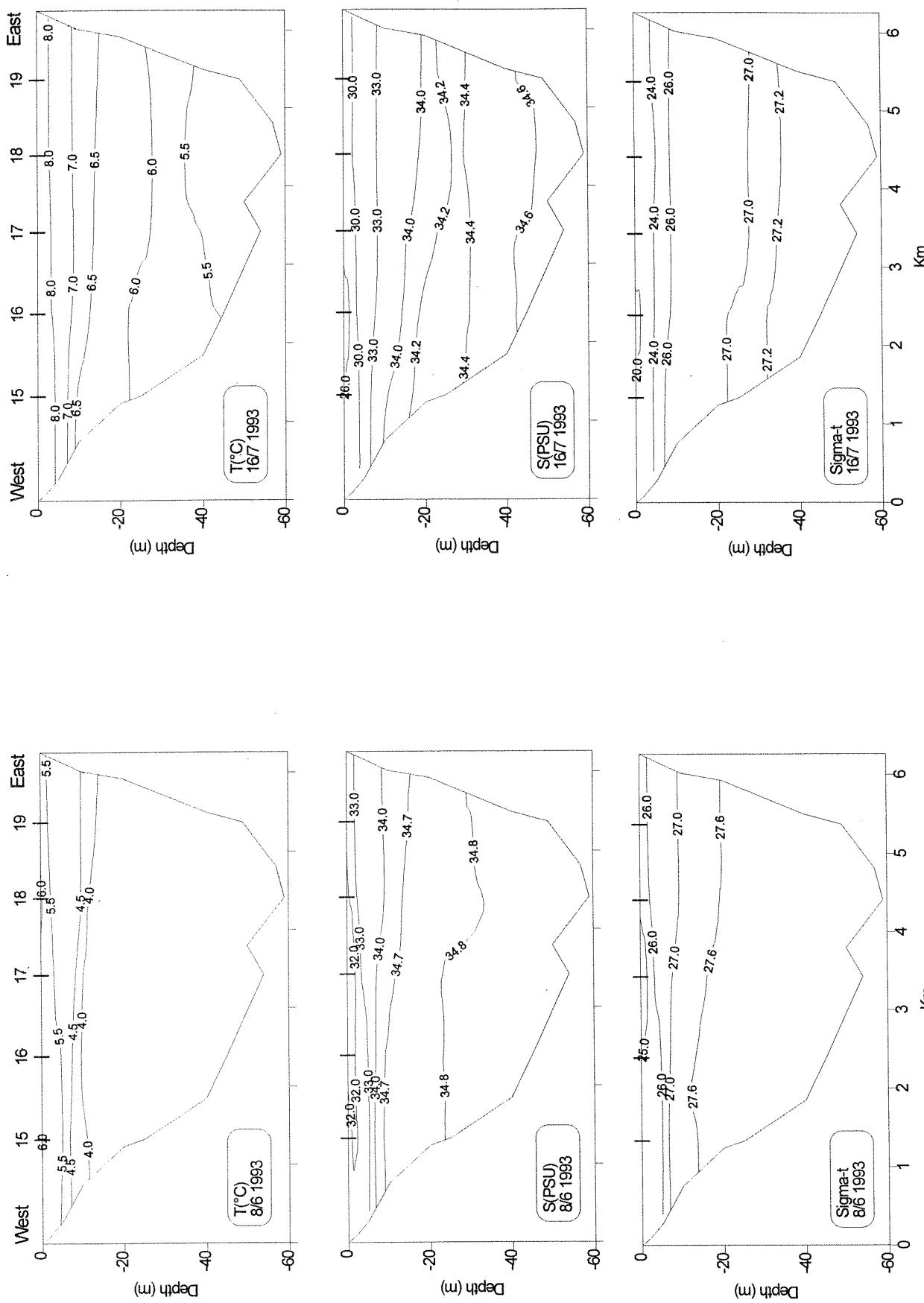


Figure 5.5.13. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dalvik.

Figure 5.5.14. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dalvik.

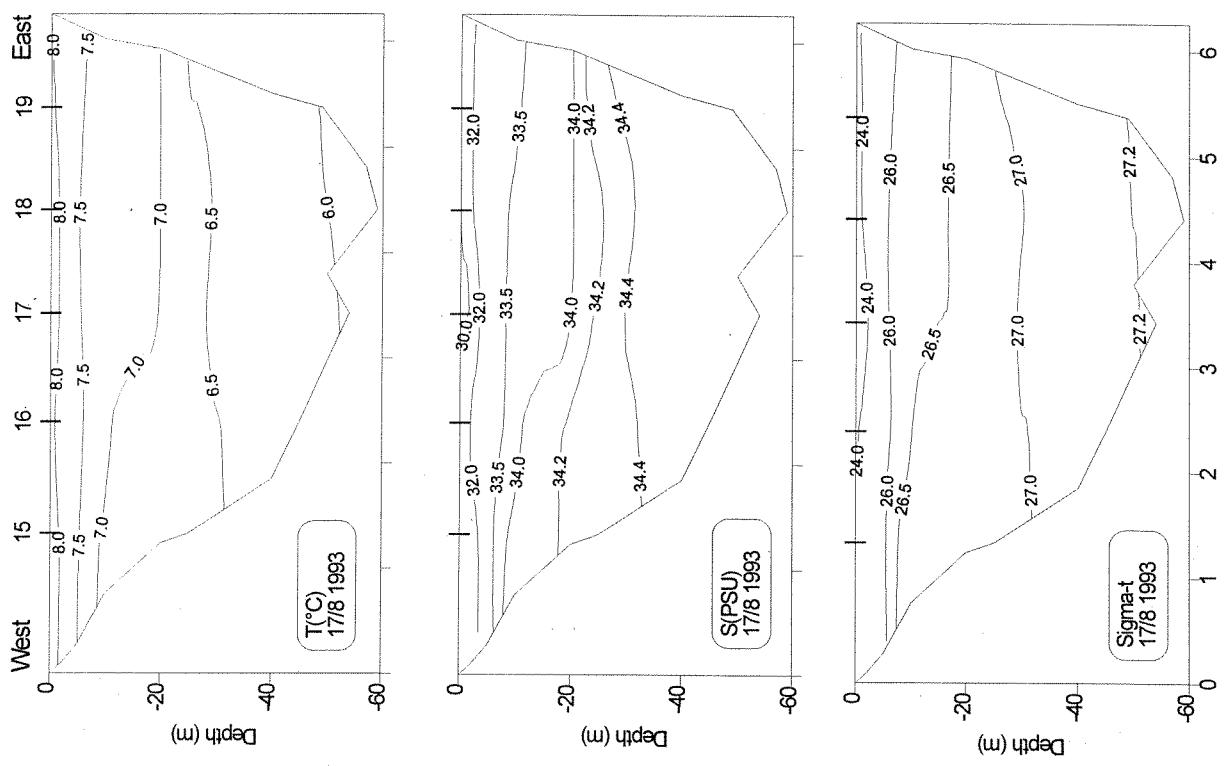


Figure 5.5.15. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Dalvik.

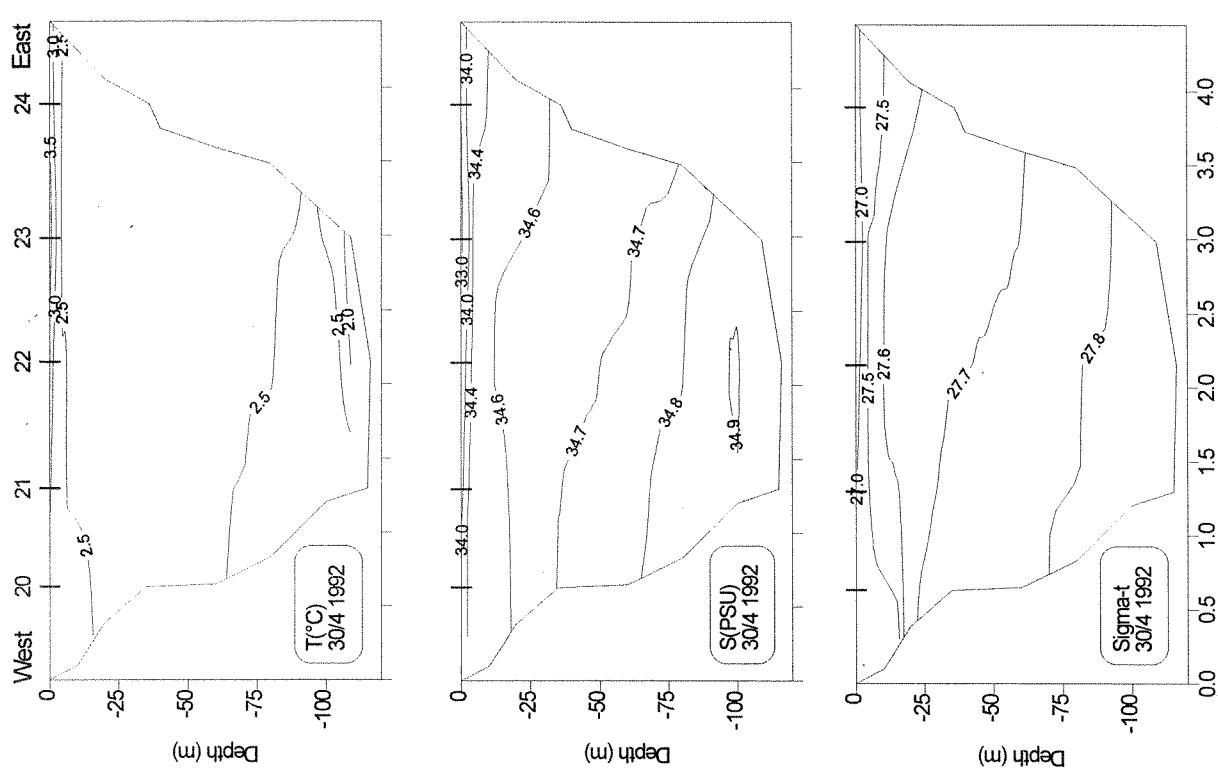


Figure 5.6.1. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

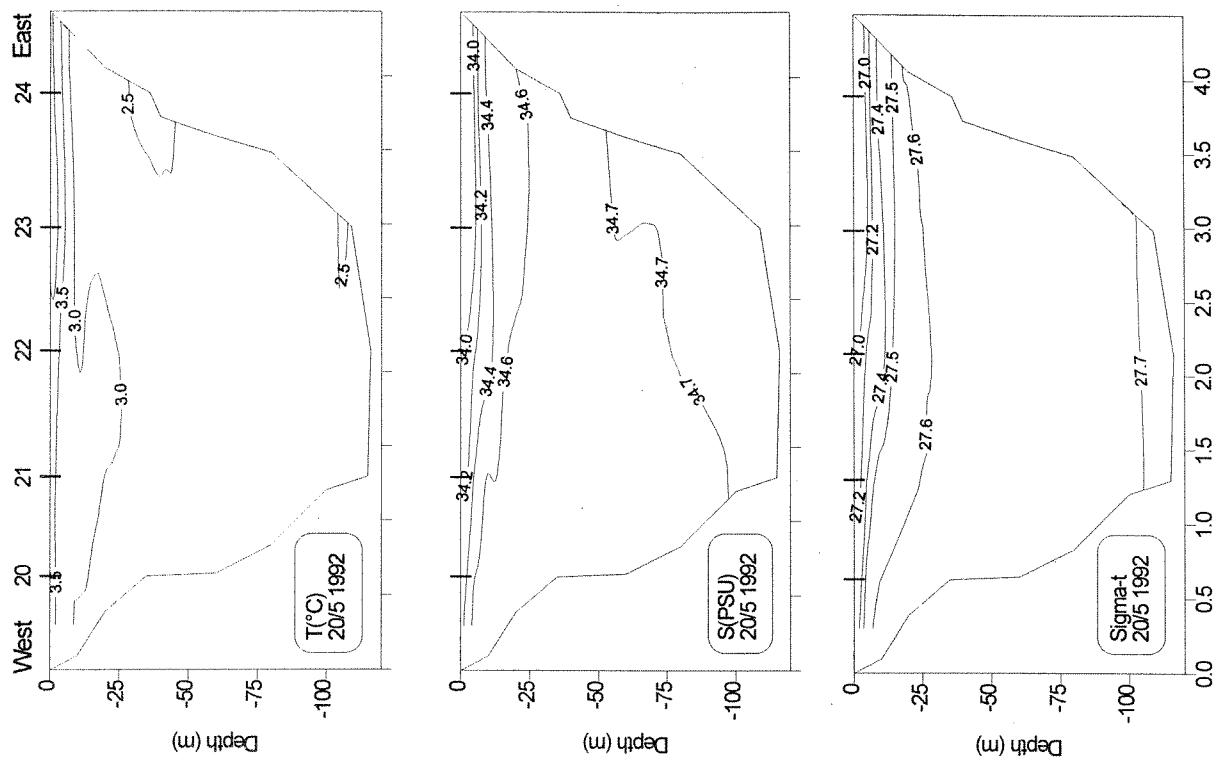


Figure 5.6.2. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

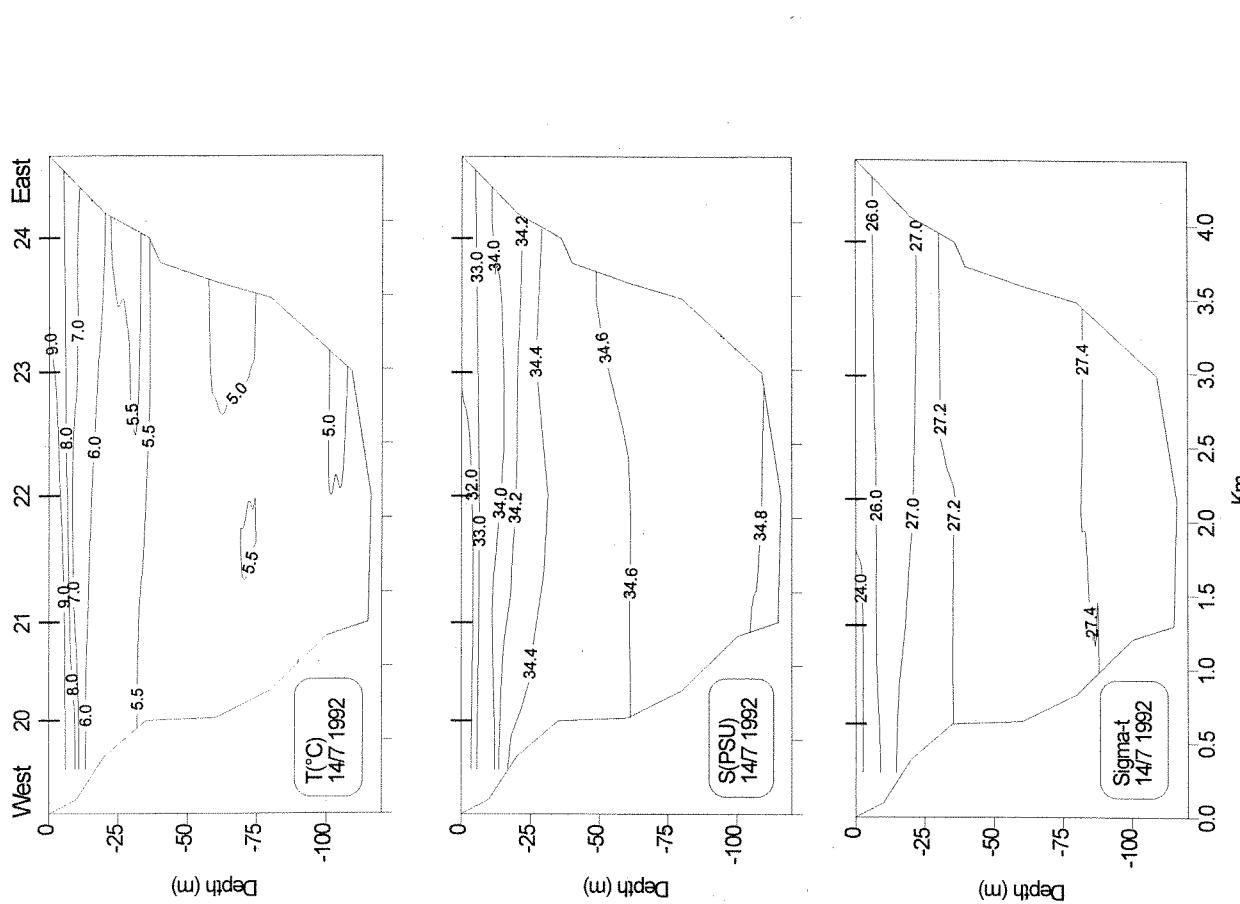


Figure 5.6.3. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

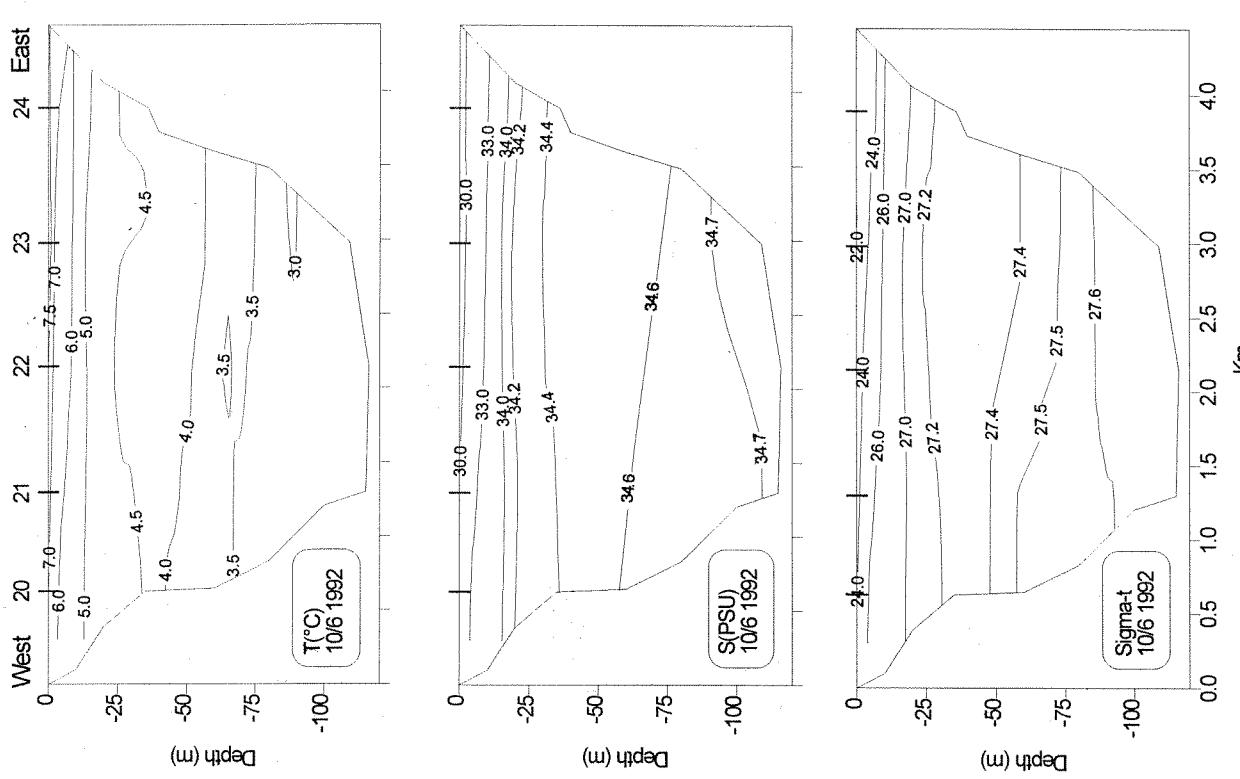


Figure 5.6.4. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

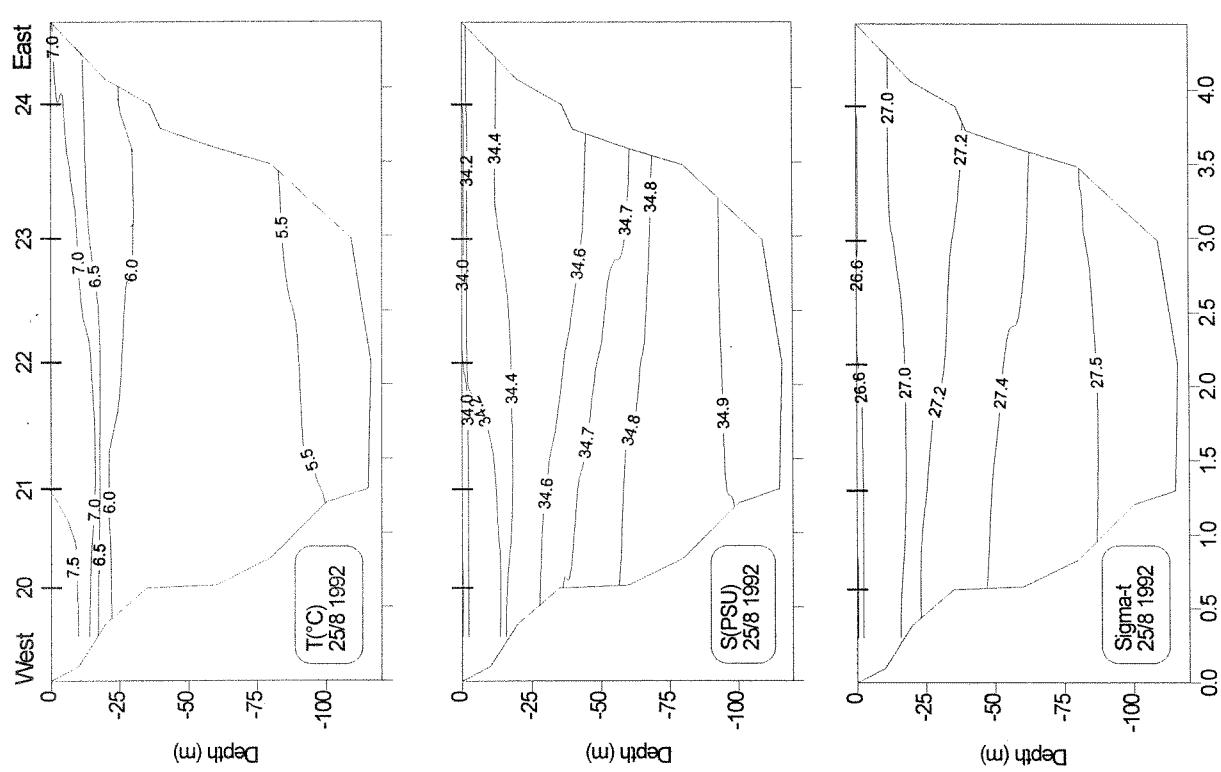


Figure 5.6.5. Vertical sections of temperature, salinity and sigma-t ( $\sigma_i$ ), at Hrisey.

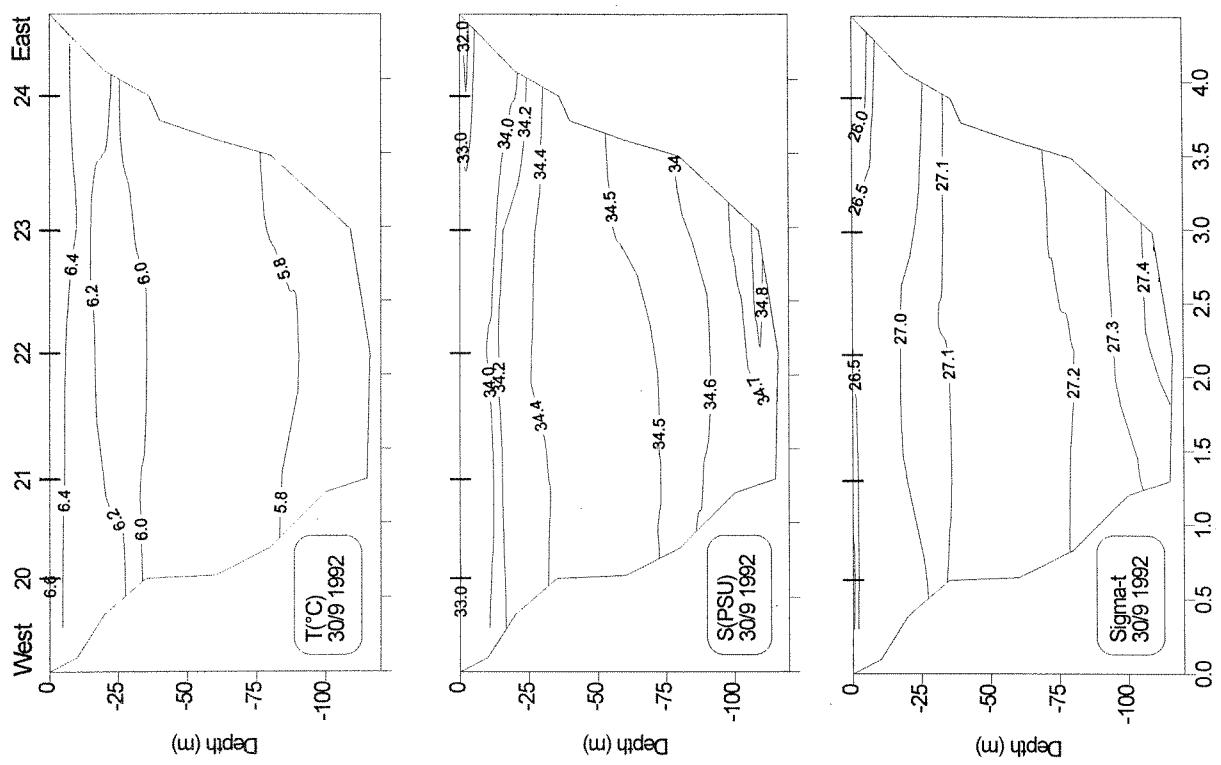


Figure 5.6.6. Vertical sections of temperature, salinity and sigma-t ( $\sigma_i$ ), at Hrisey.

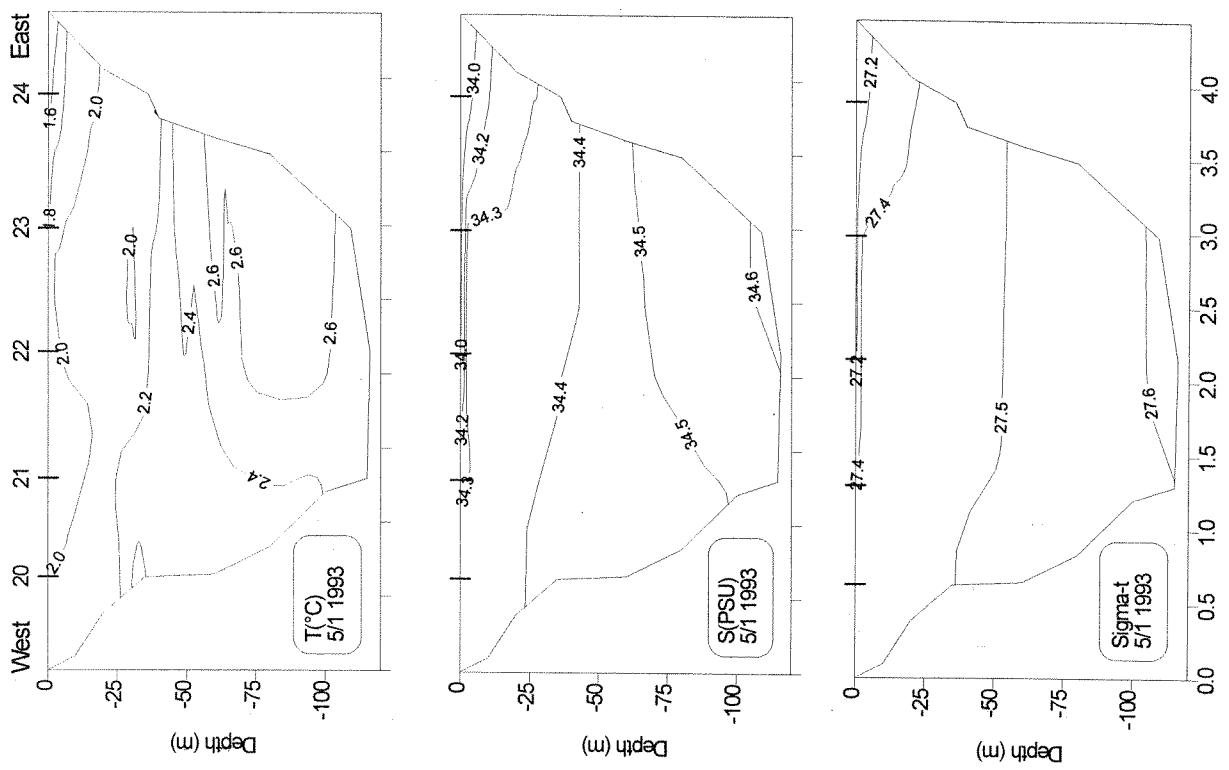


Figure 5.6.8. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

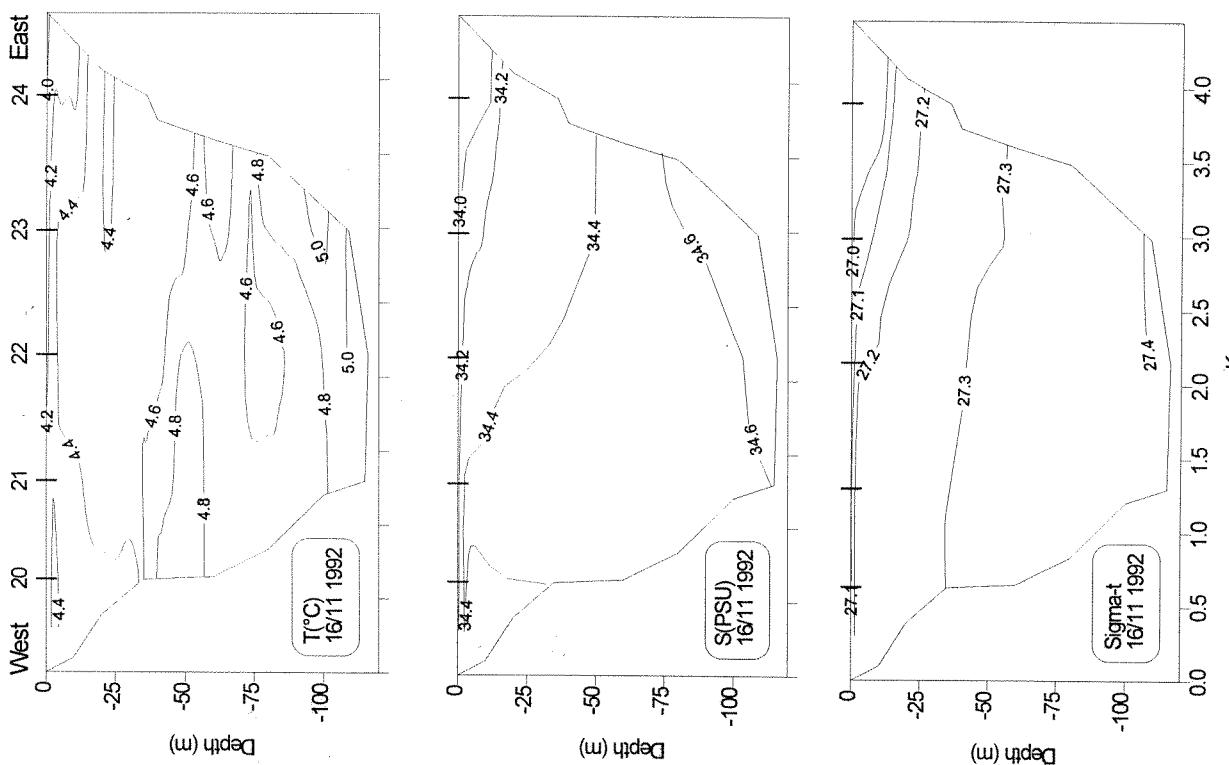


Figure 5.6.7. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

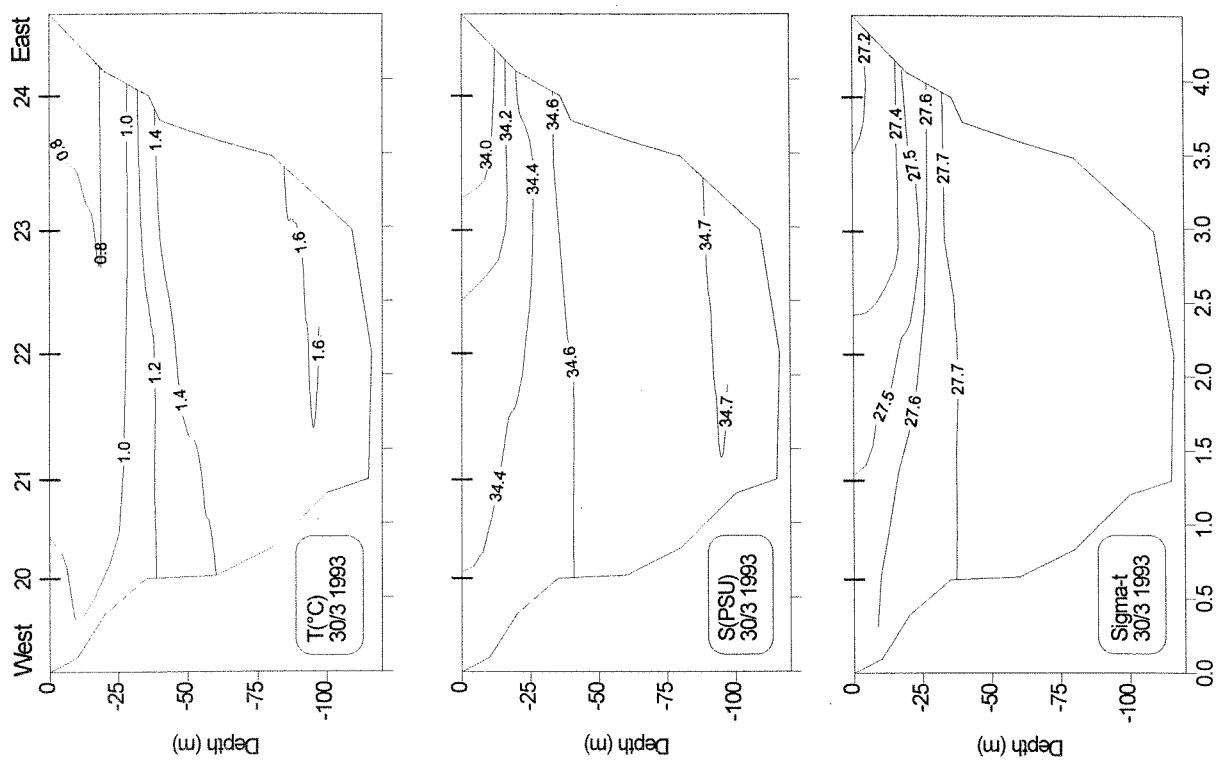


Figure 5.6.10. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

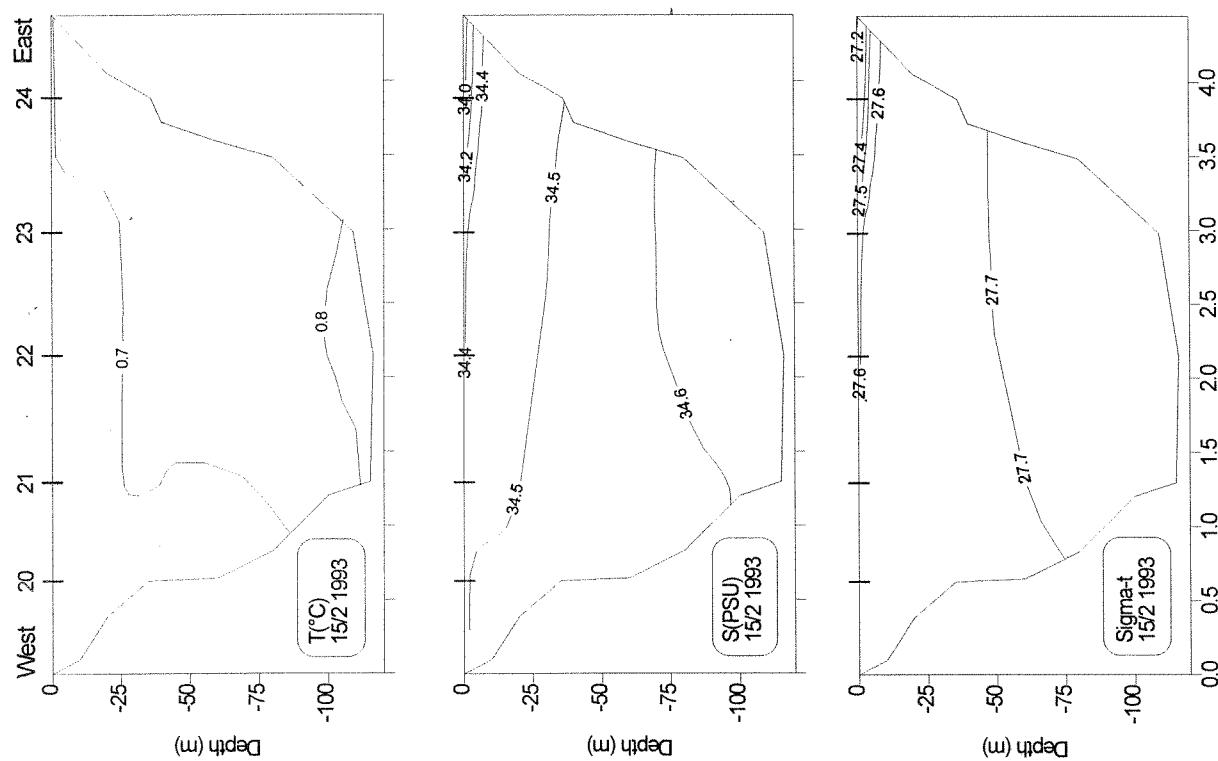


Figure 5.6.9. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

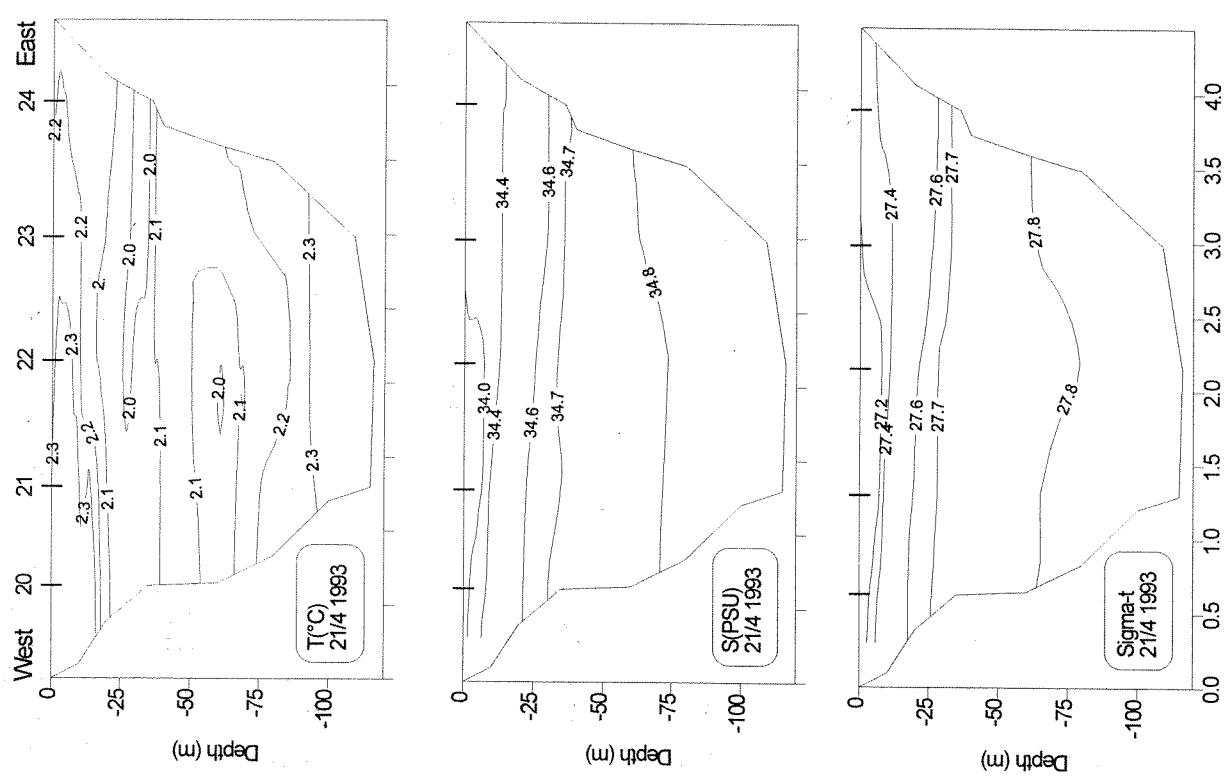


Figure 5.6.11. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

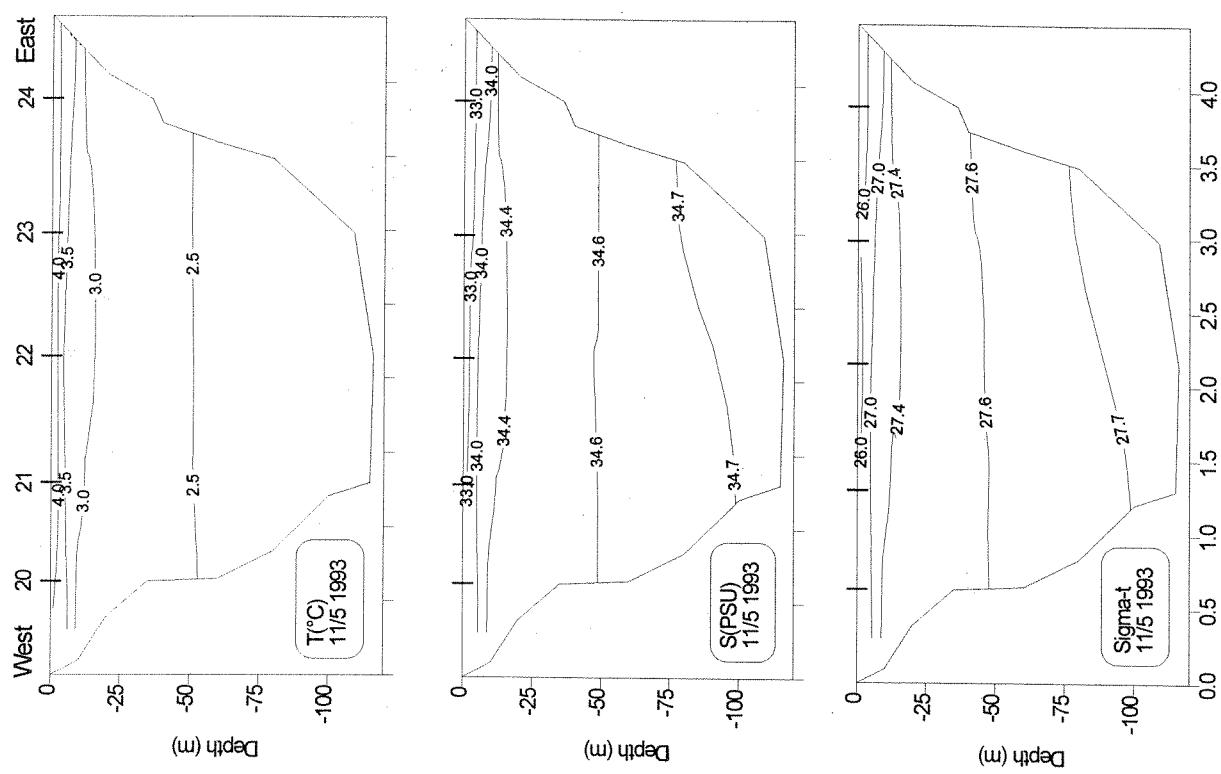


Figure 5.6.12. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

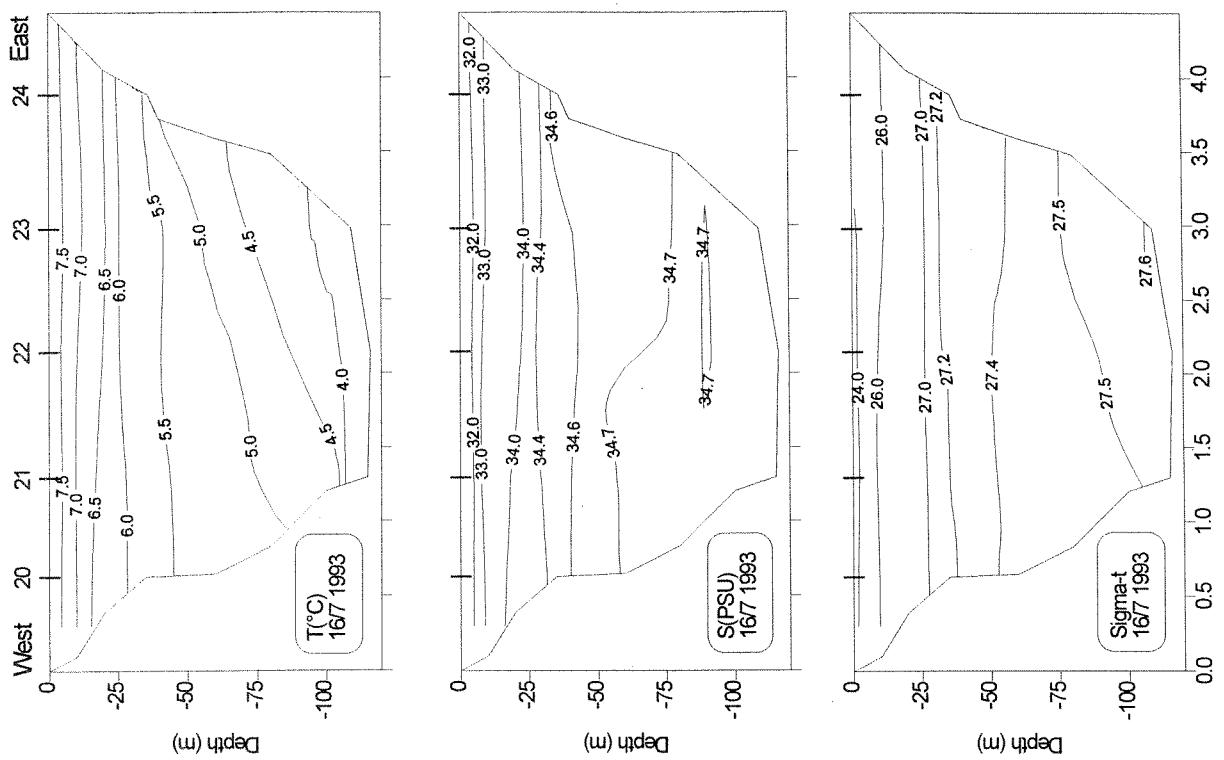


Figure 5.6.14. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

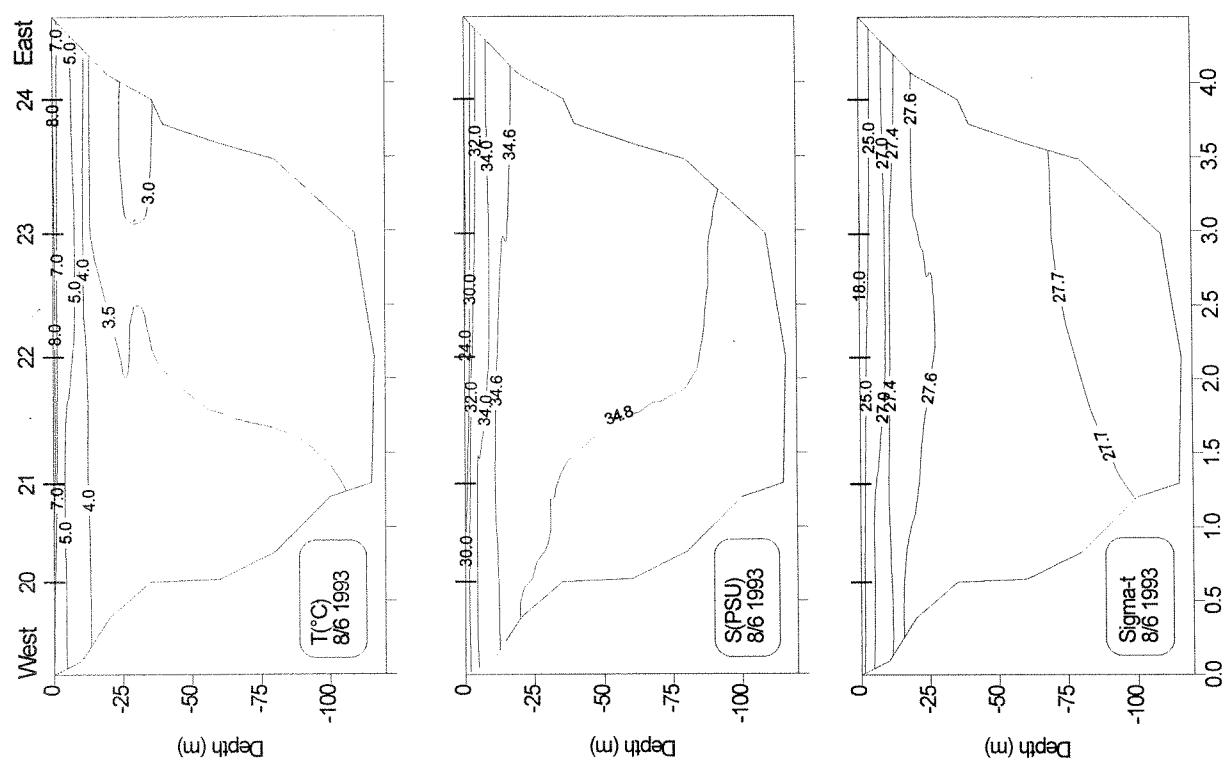


Figure 5.6.13. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

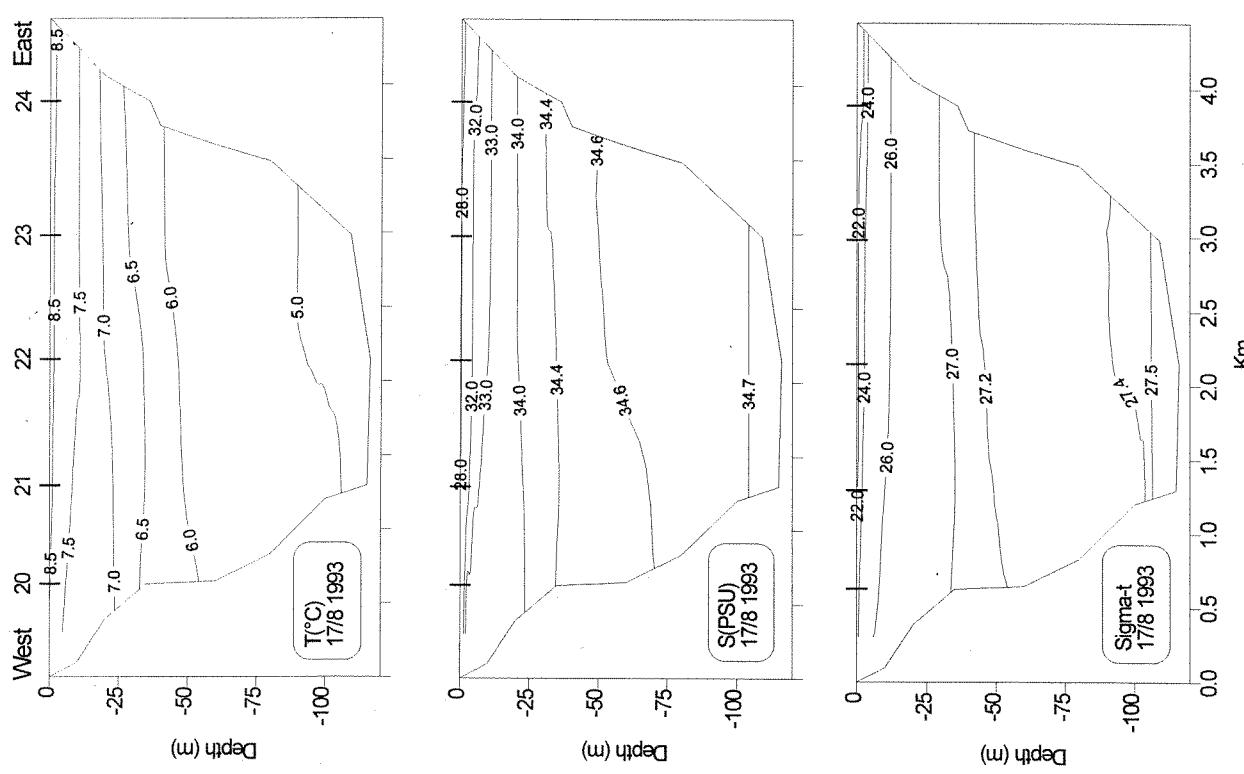


Figure 5.6.15. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Hrisey.

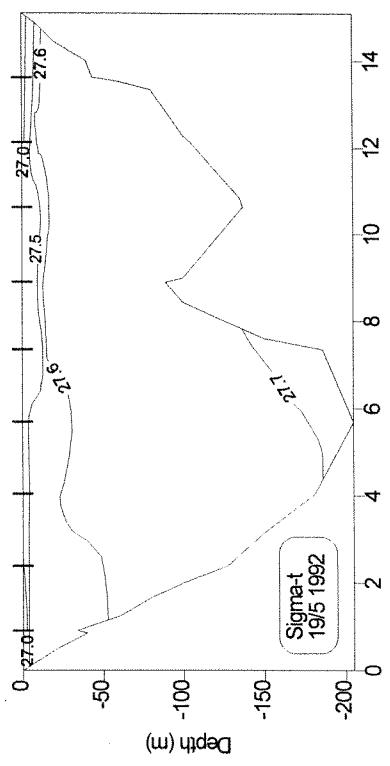
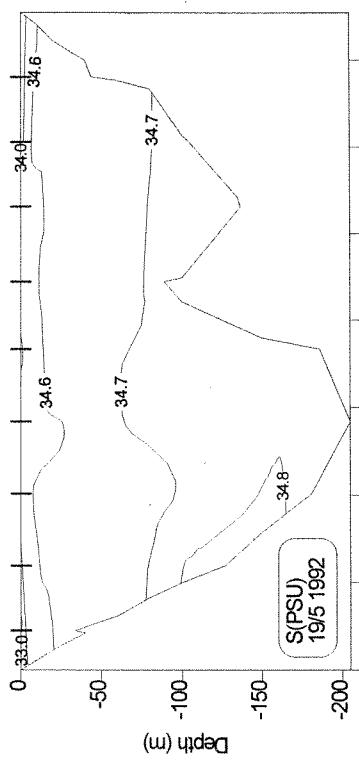
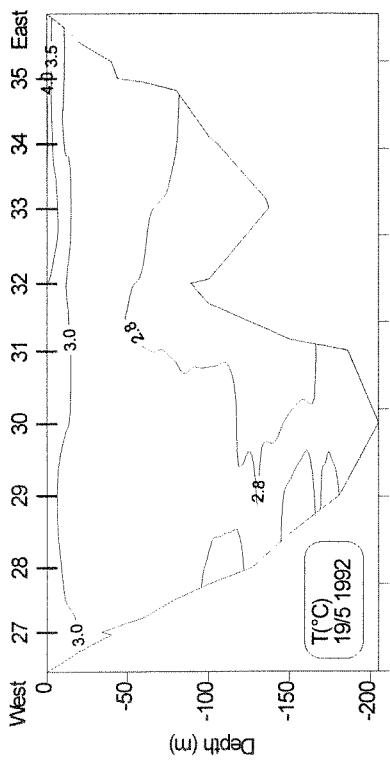
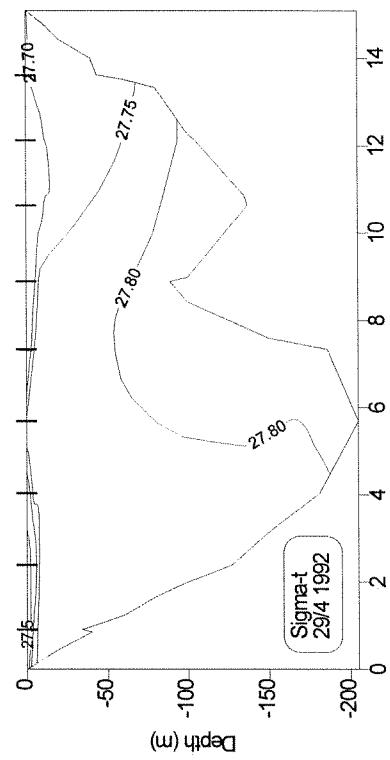
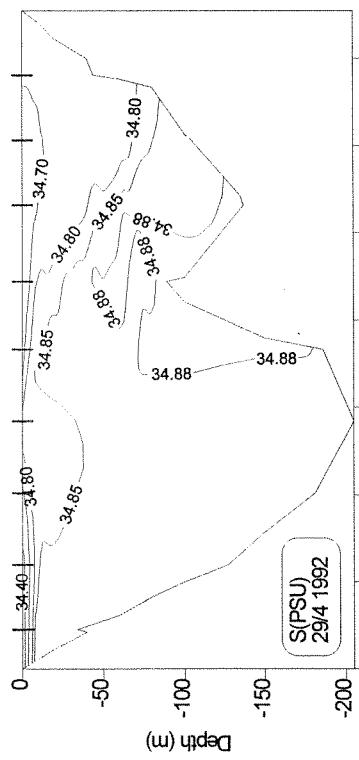
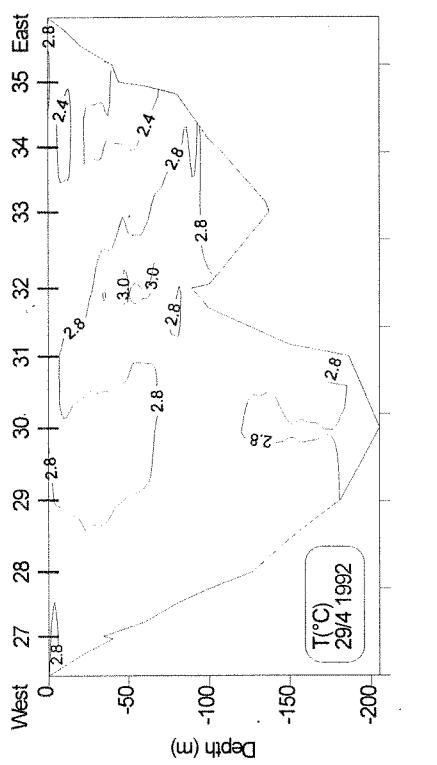


Figure 5.7.1. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

Figure 5.7.2. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

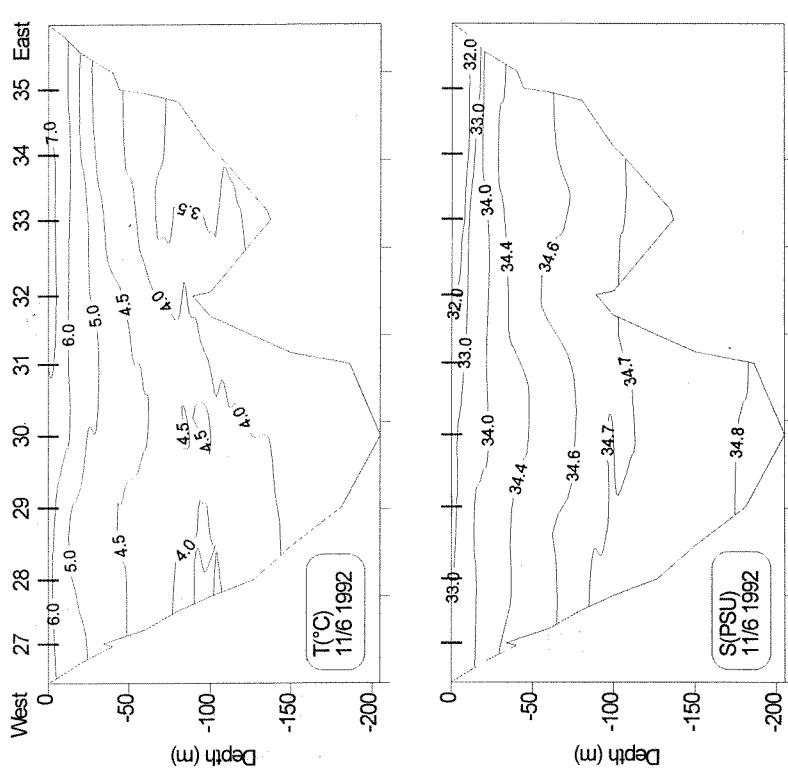


Figure 5.7.3. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

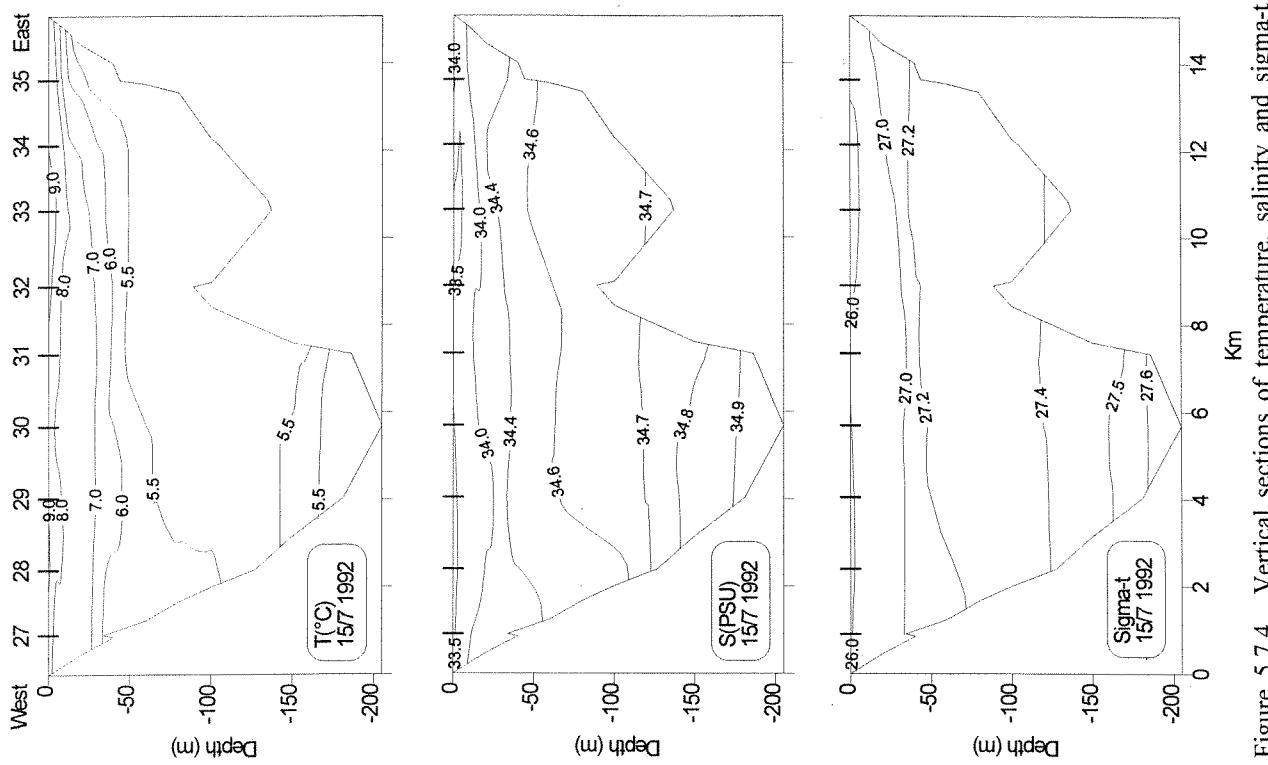


Figure 5.7.4. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

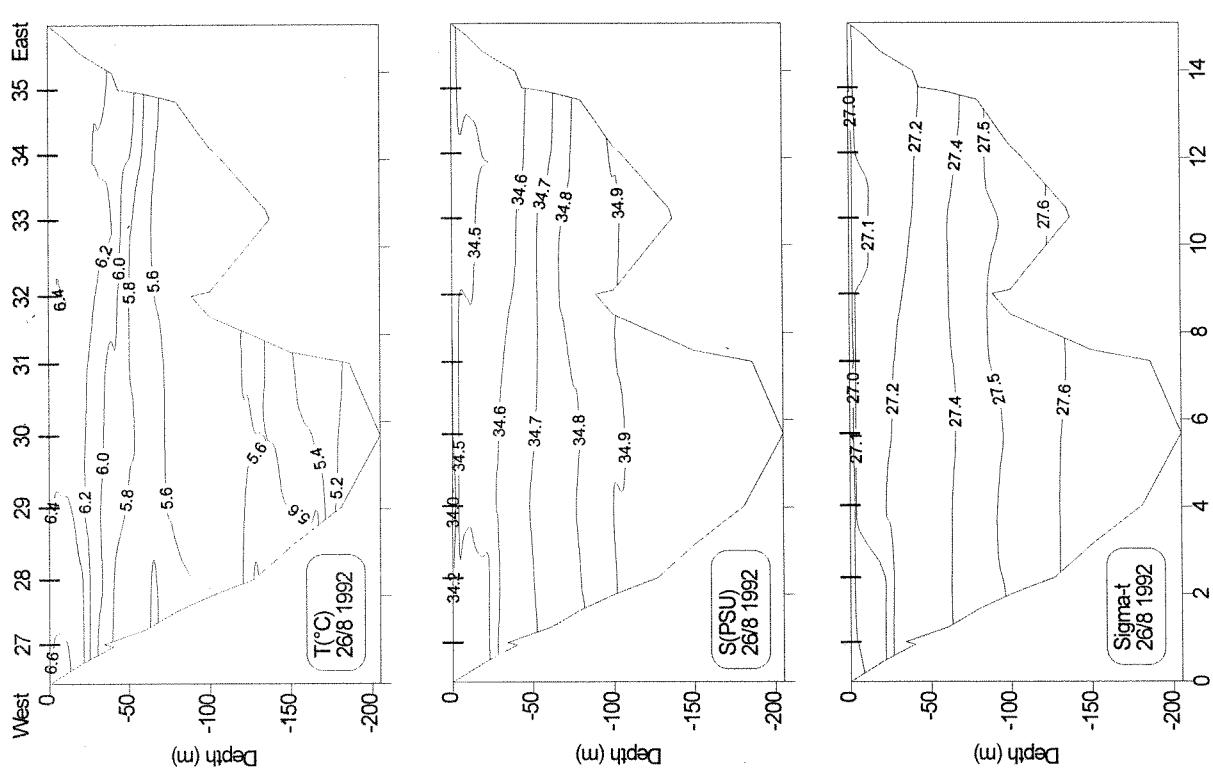


Figure 5.7.5. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

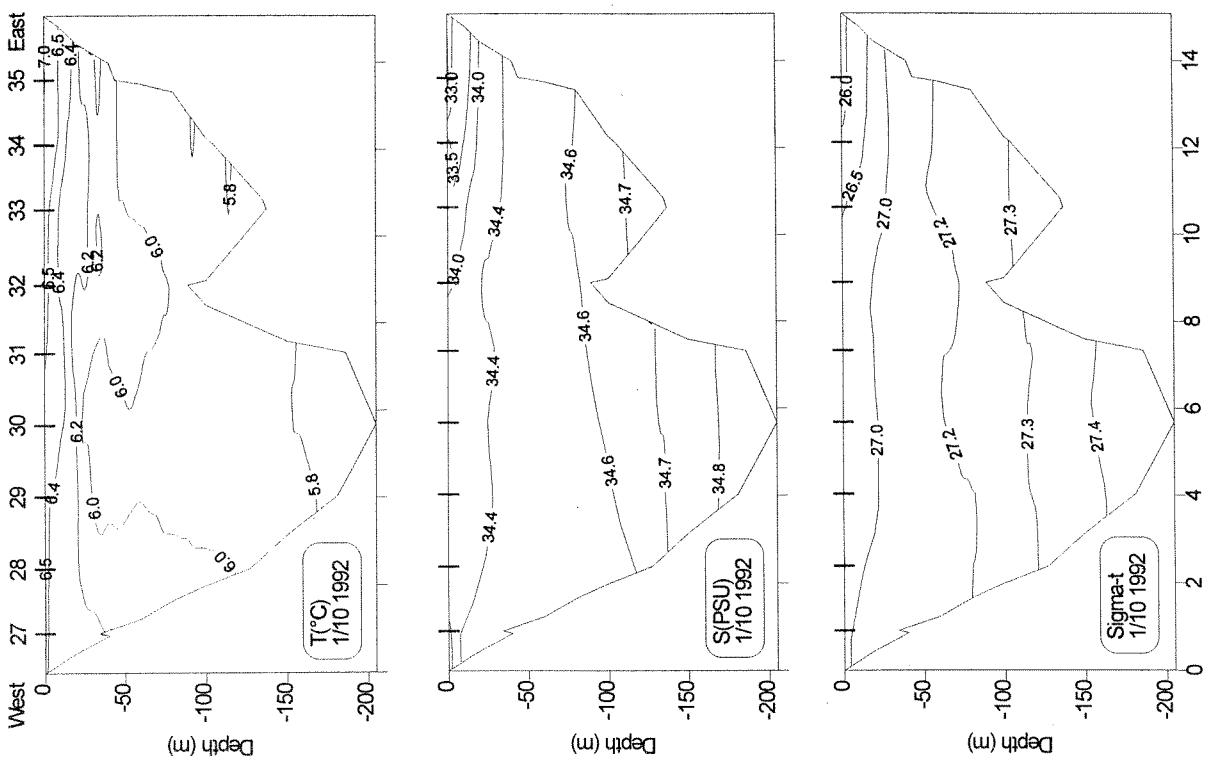


Figure 5.7.6. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

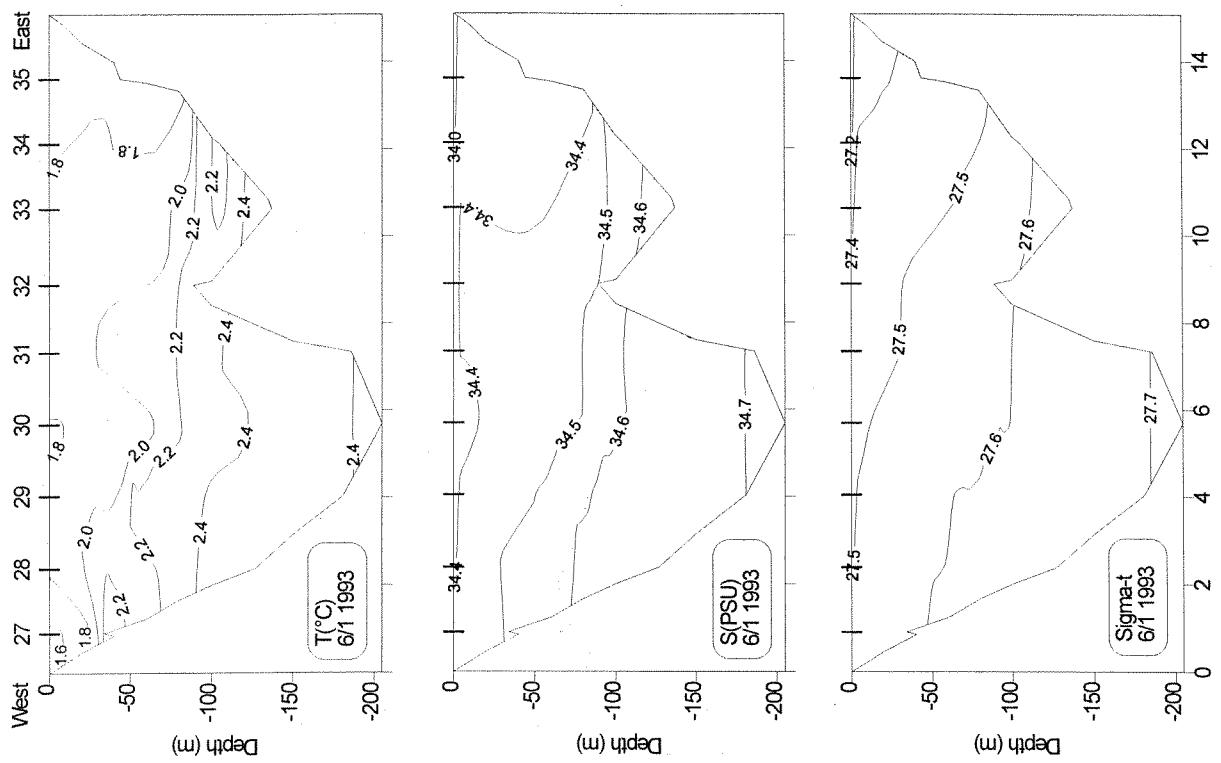


Figure 5.7.8. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

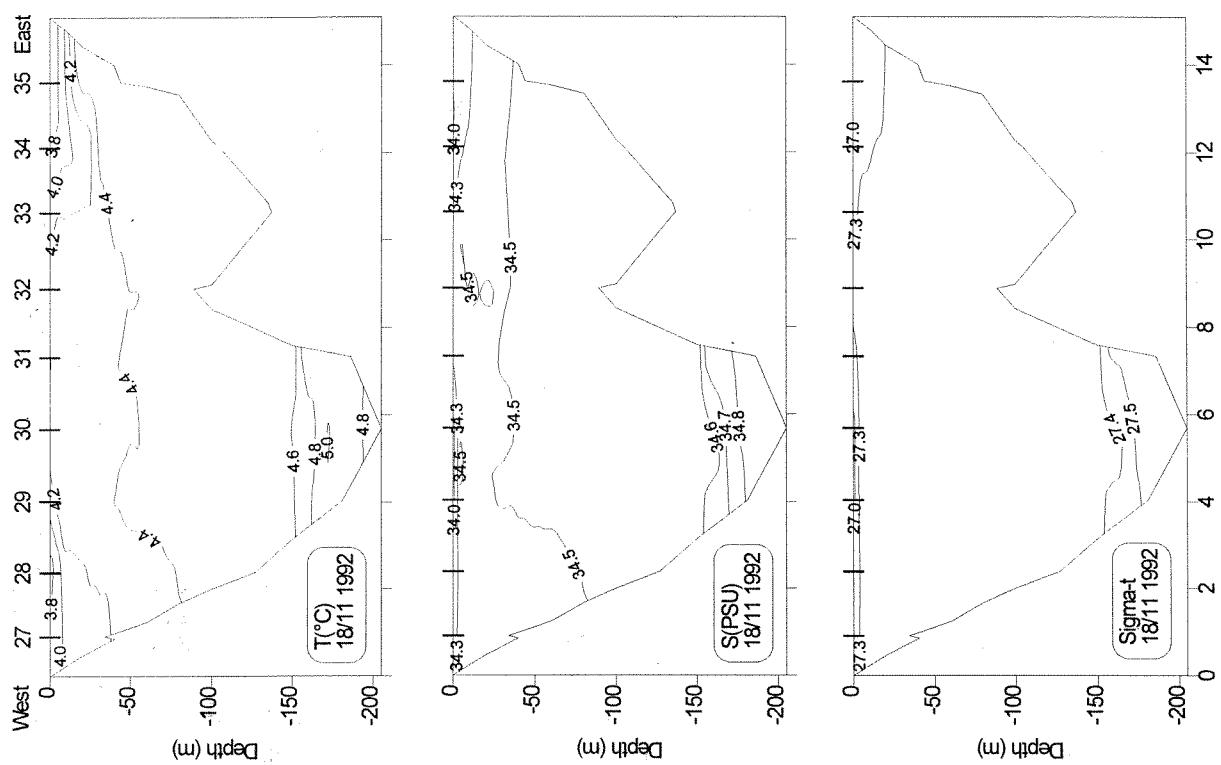


Figure 5.7.7. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

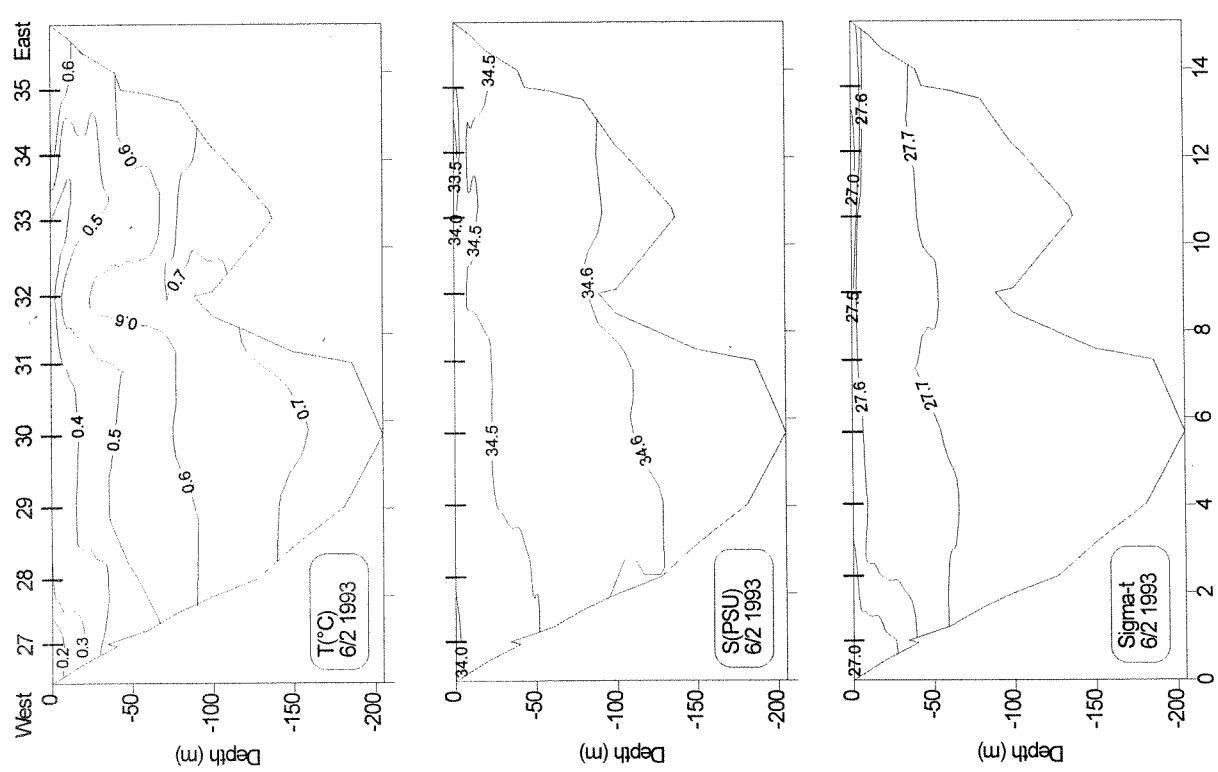


Figure 5.7.9. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

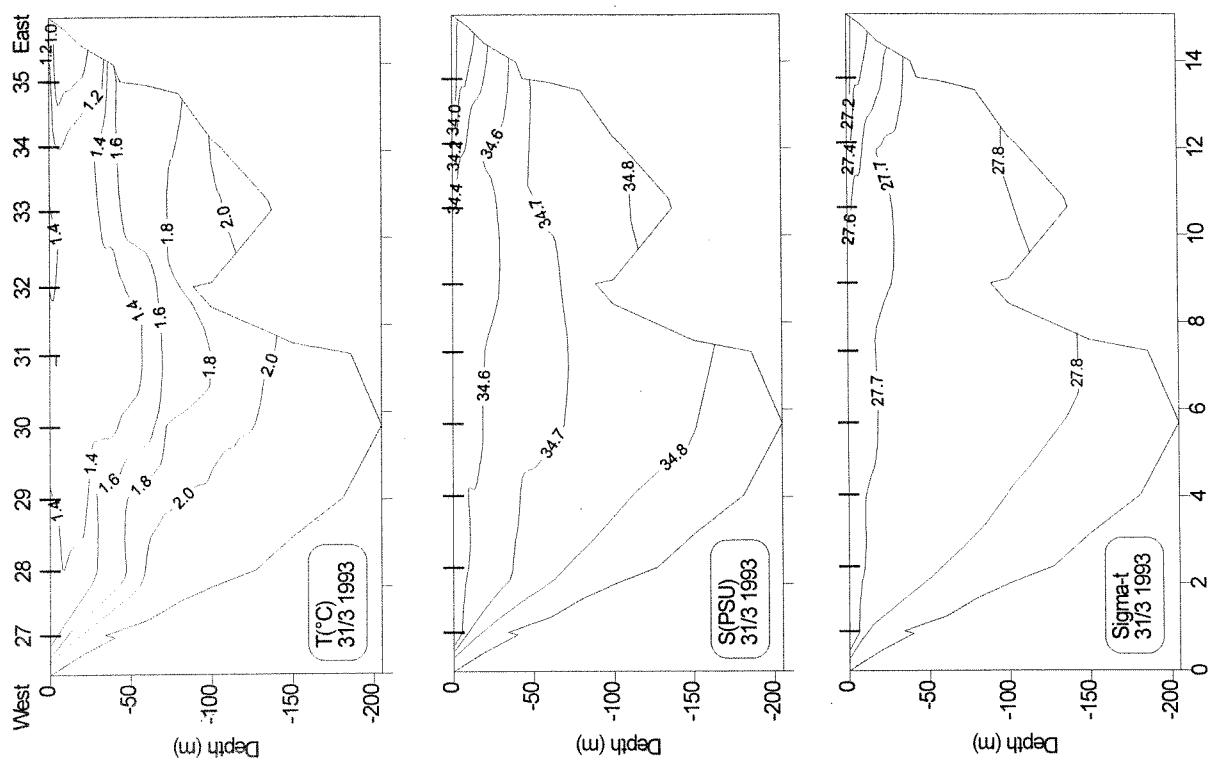


Figure 5.7.10. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

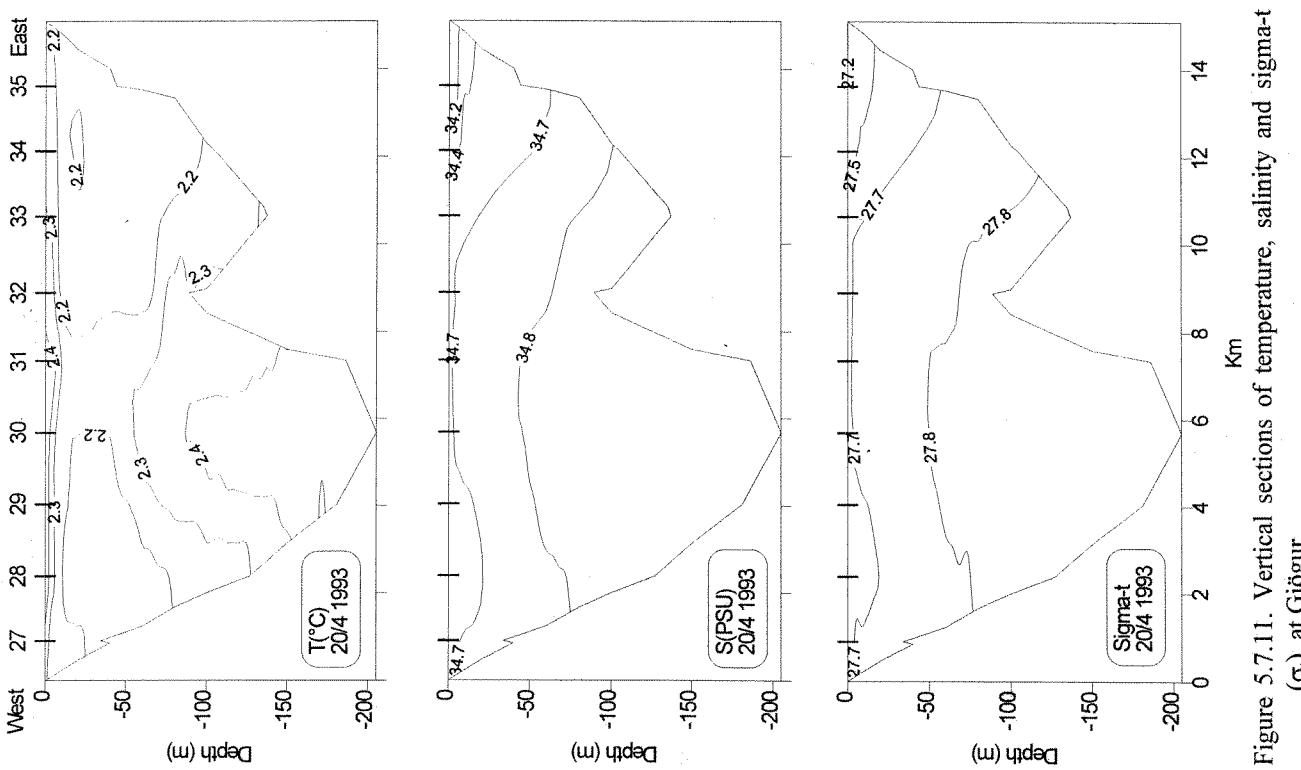


Figure 5.7.11. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

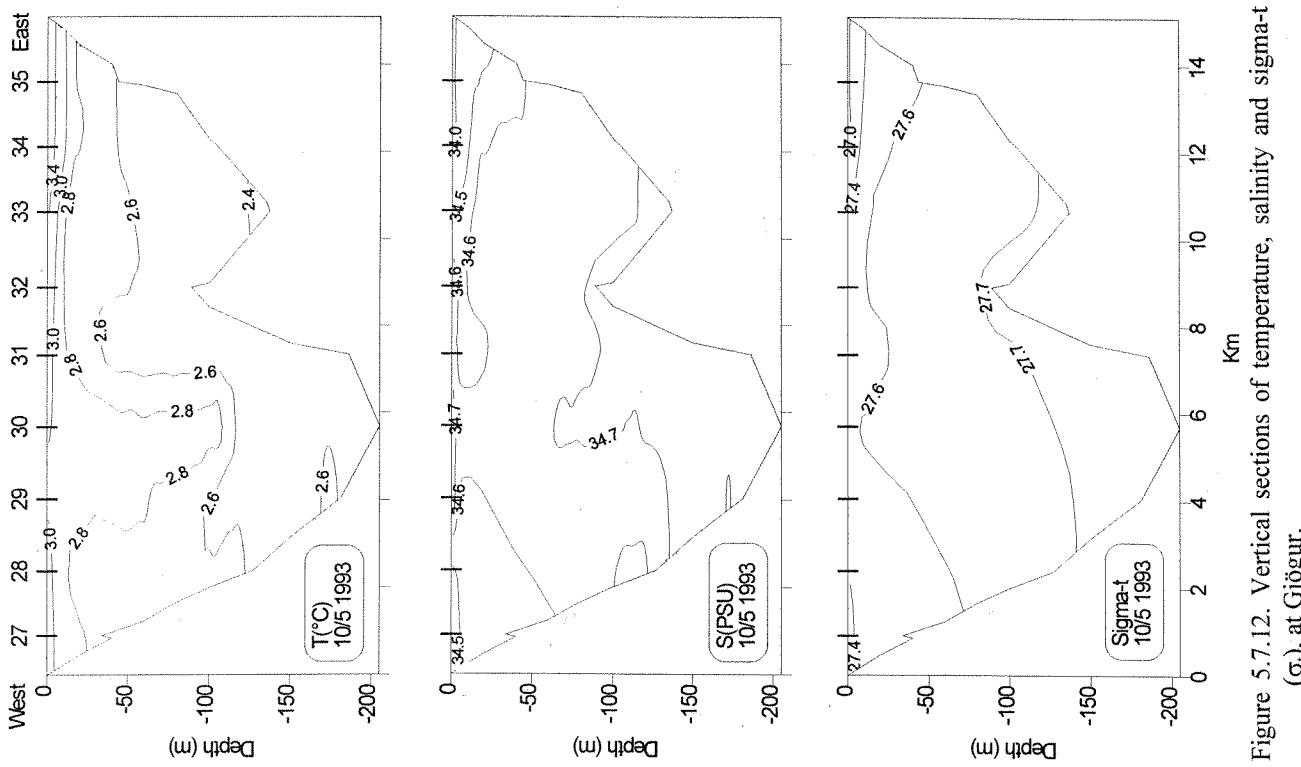


Figure 5.7.12. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

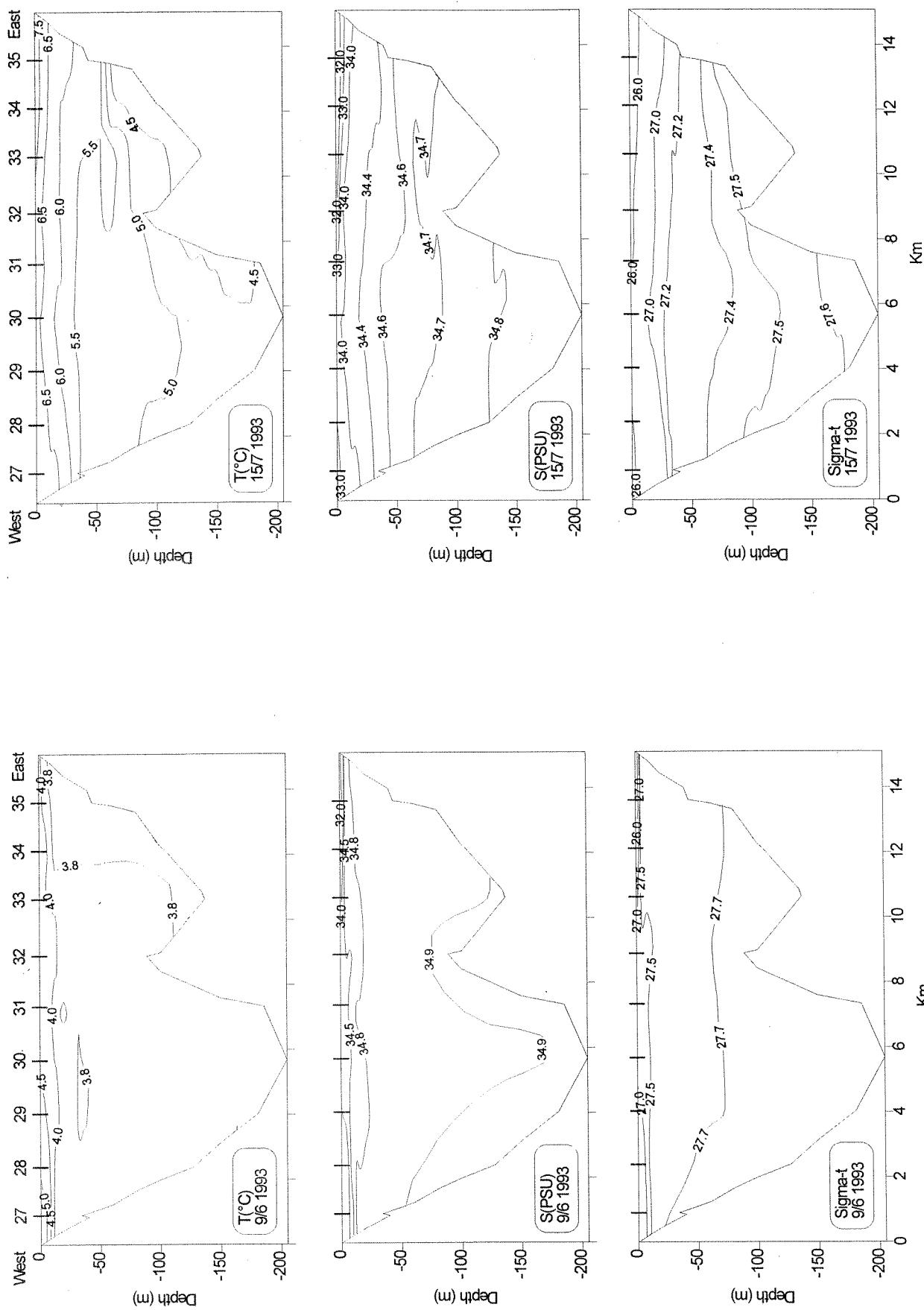


Figure 5.7.13. Vertical sections of temperature, salinity and sigma-t ( $\sigma_0$ ), at Gjögur.

Figure 5.7.14. Vertical sections of temperature, salinity and sigma-t ( $\sigma_0$ ), at Gjögur.

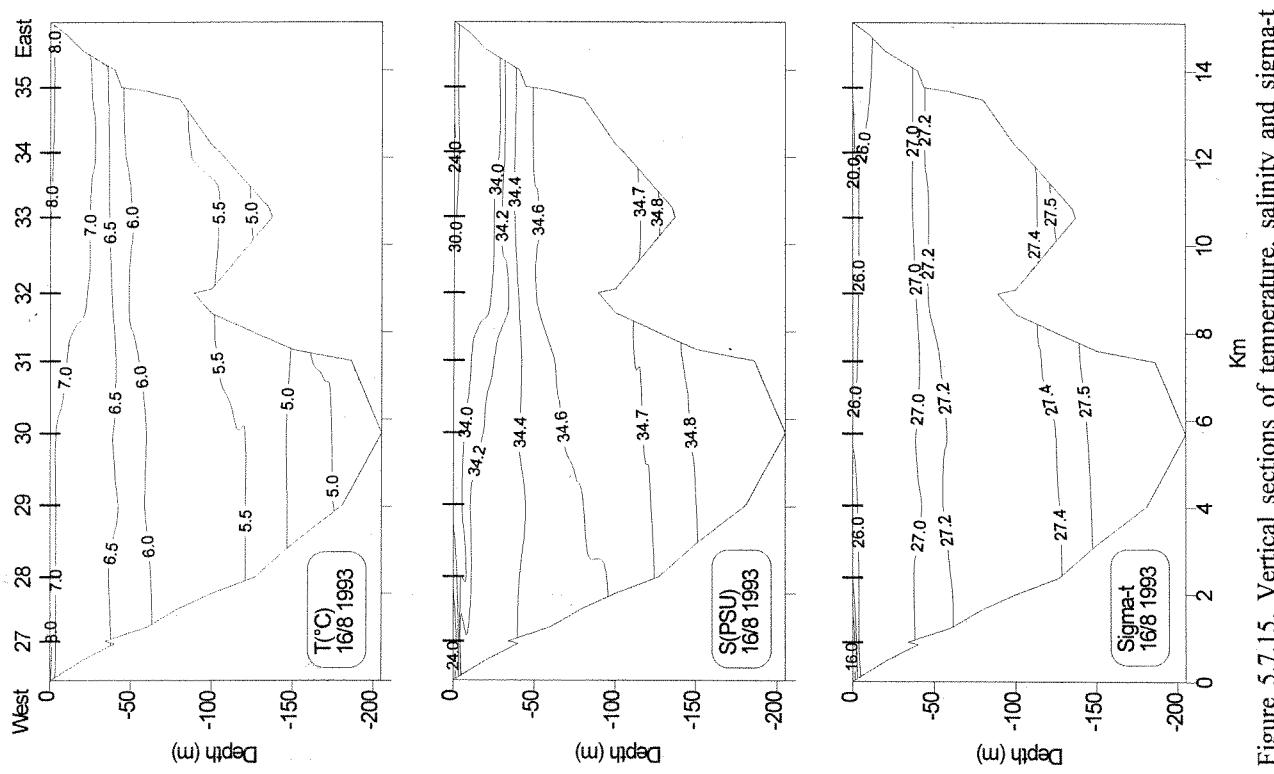


Figure 5.7.15. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), at Gjögur.

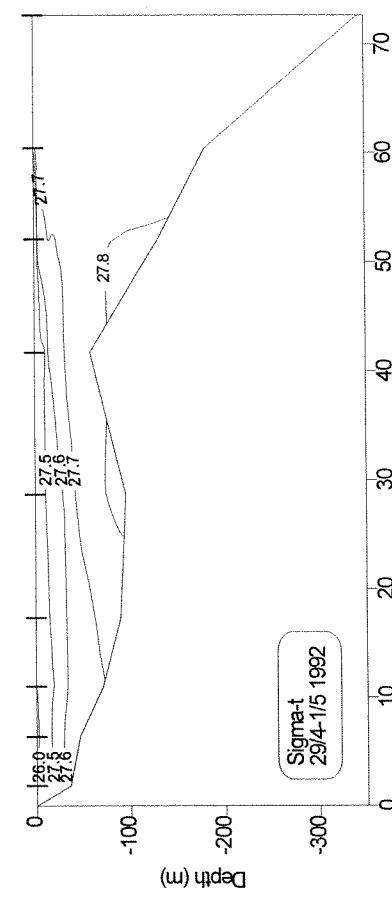
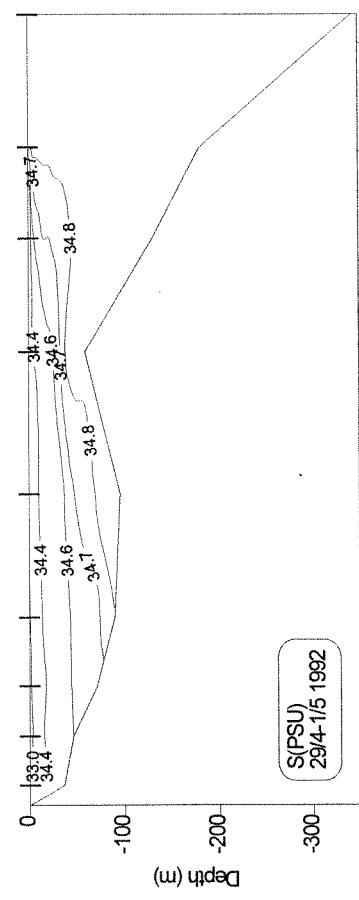
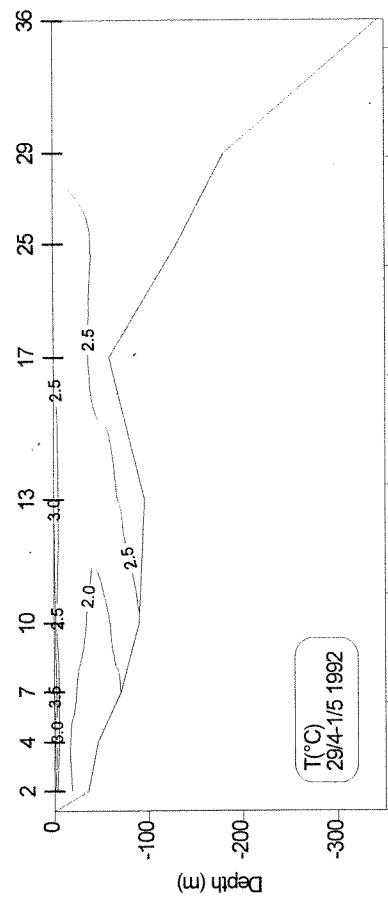
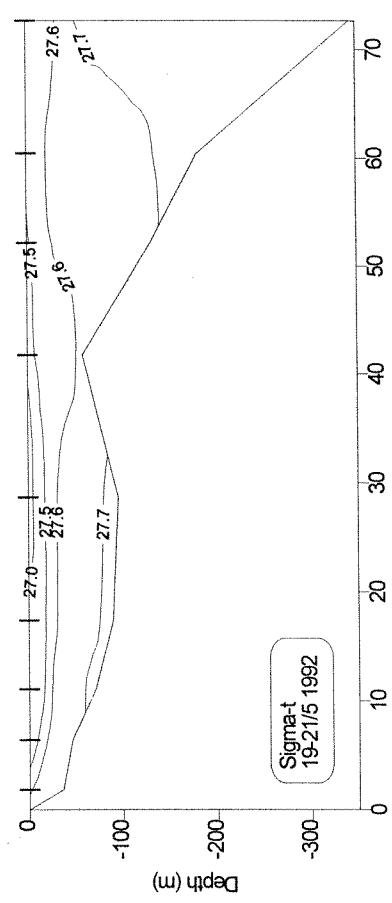
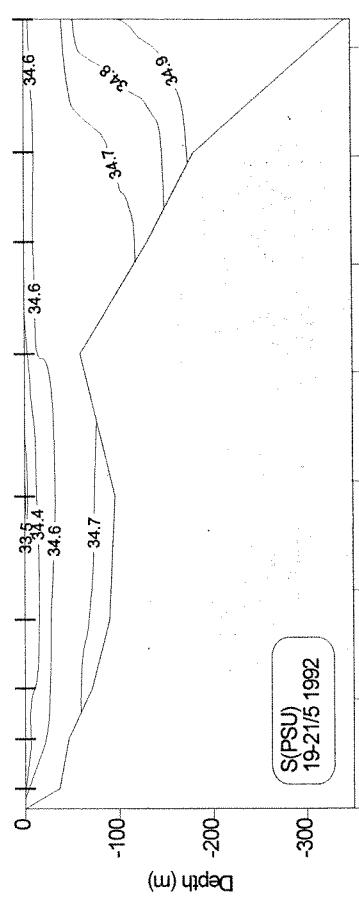
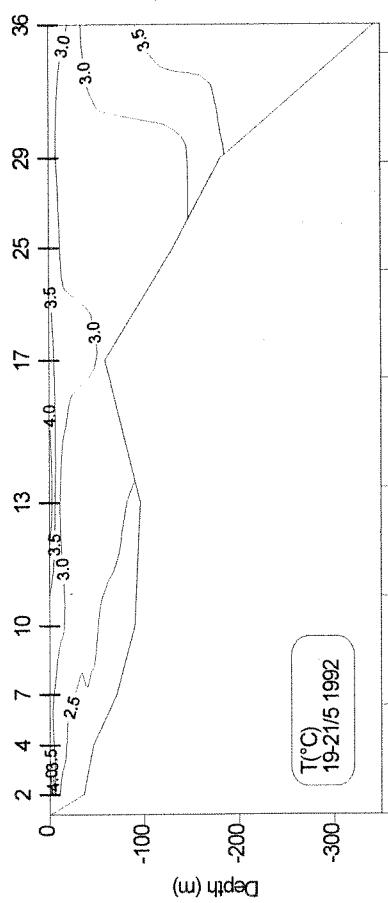


Figure 5.8.1. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

Figure 5.8.2. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

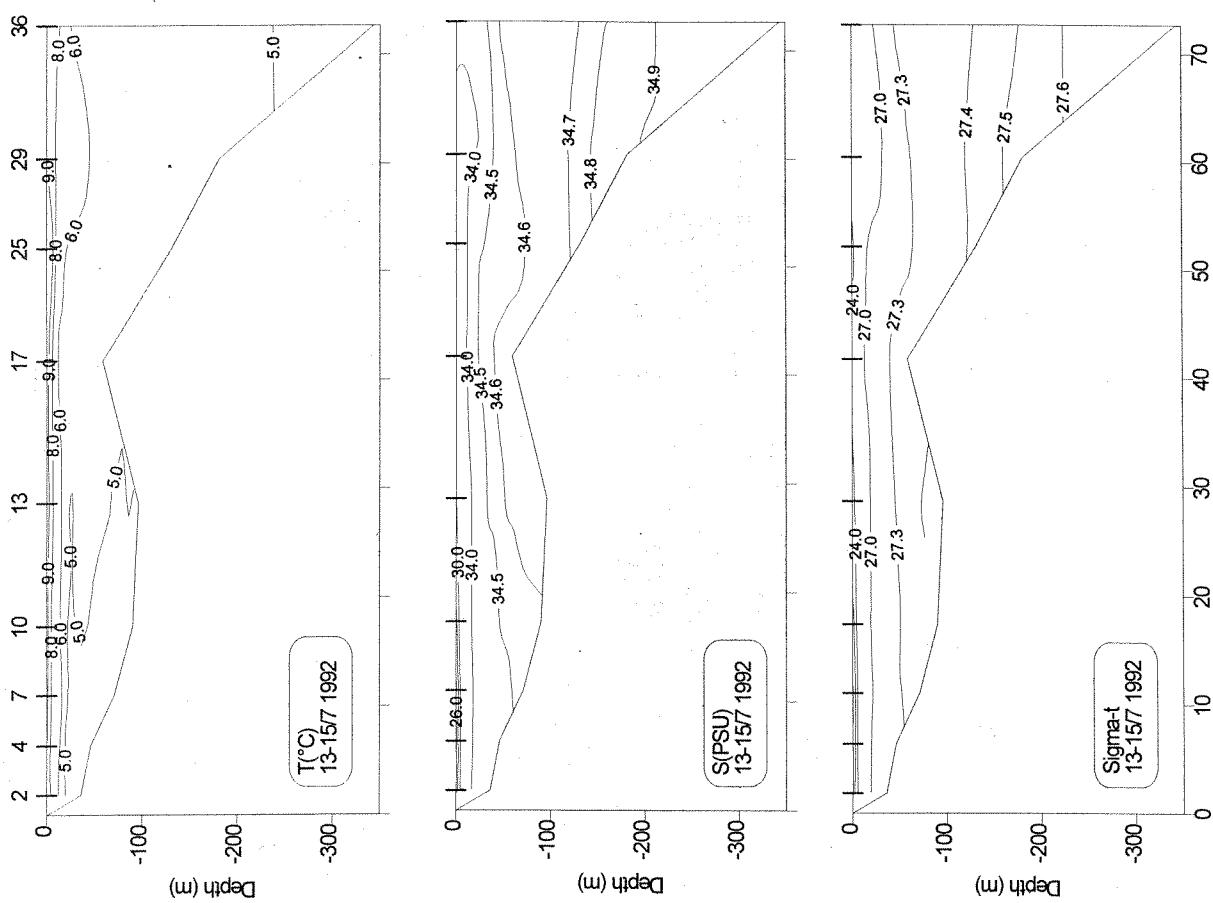


Figure 5.8.4. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

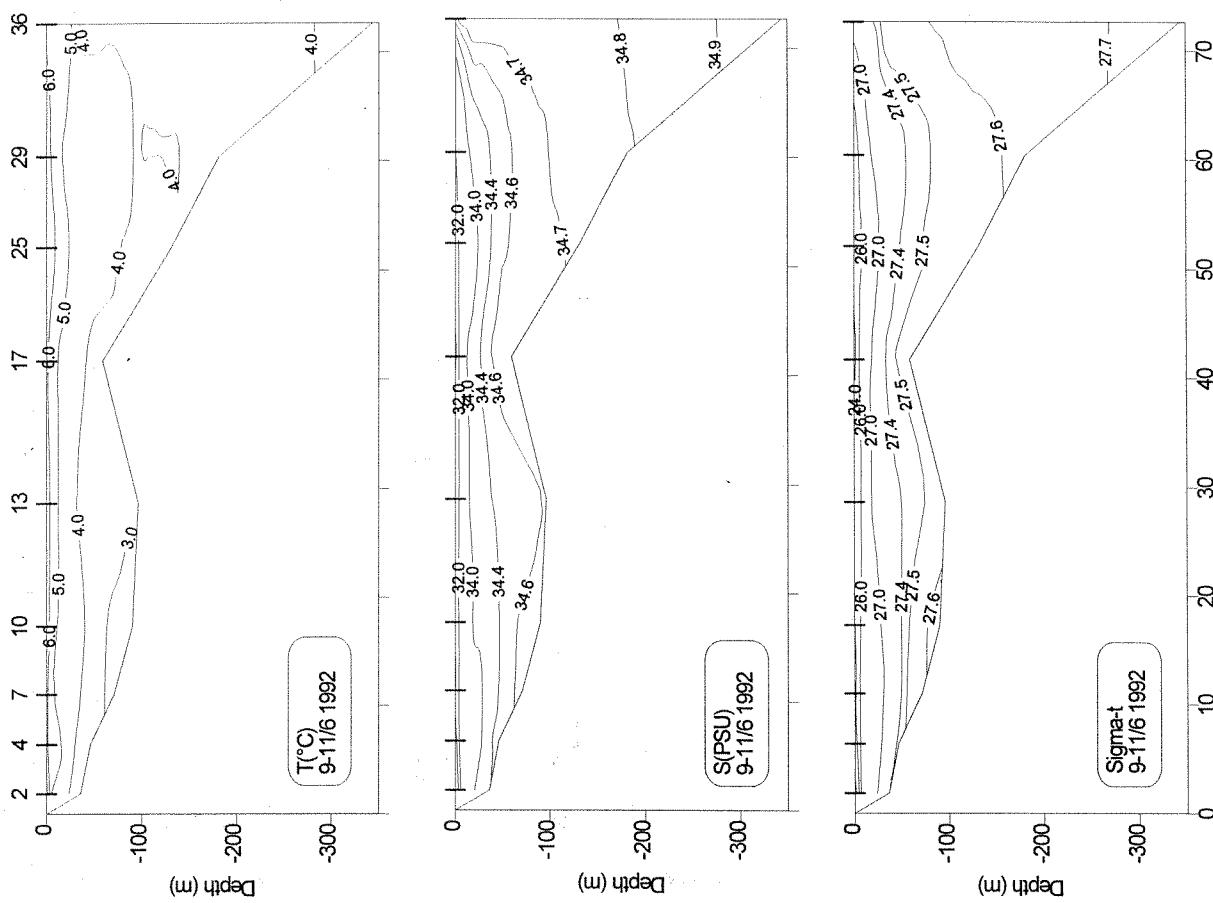


Figure 5.8.3. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

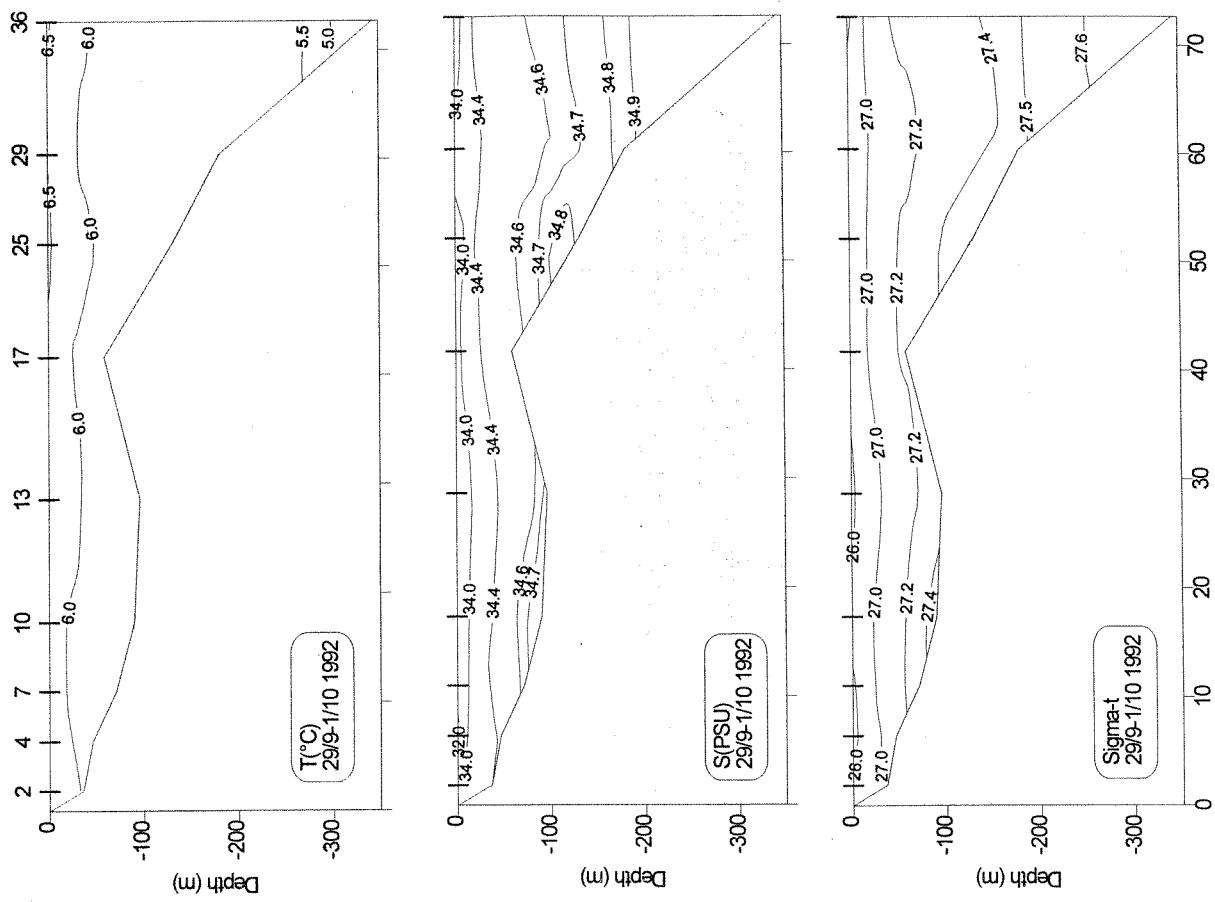


Figure 5.8.6. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

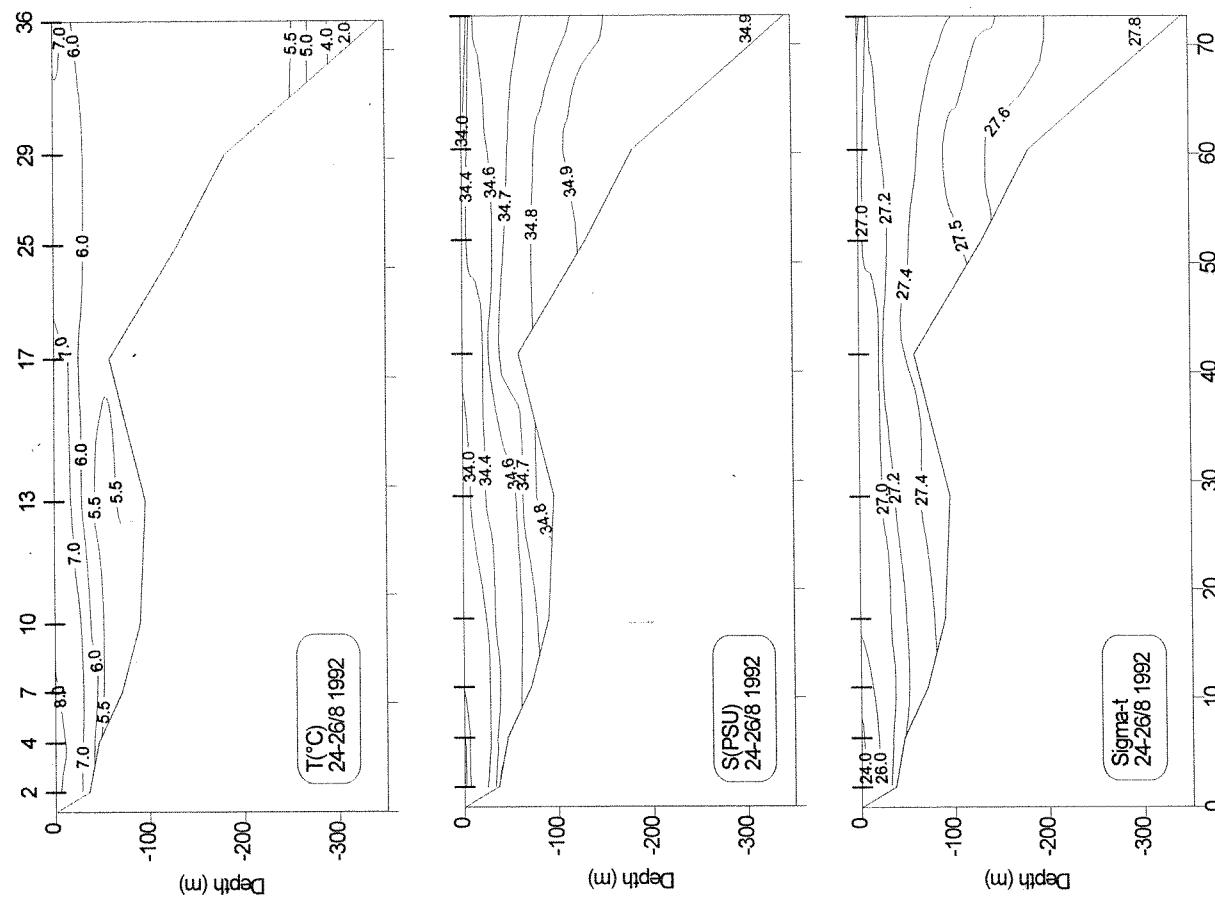


Figure 5.8.5. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

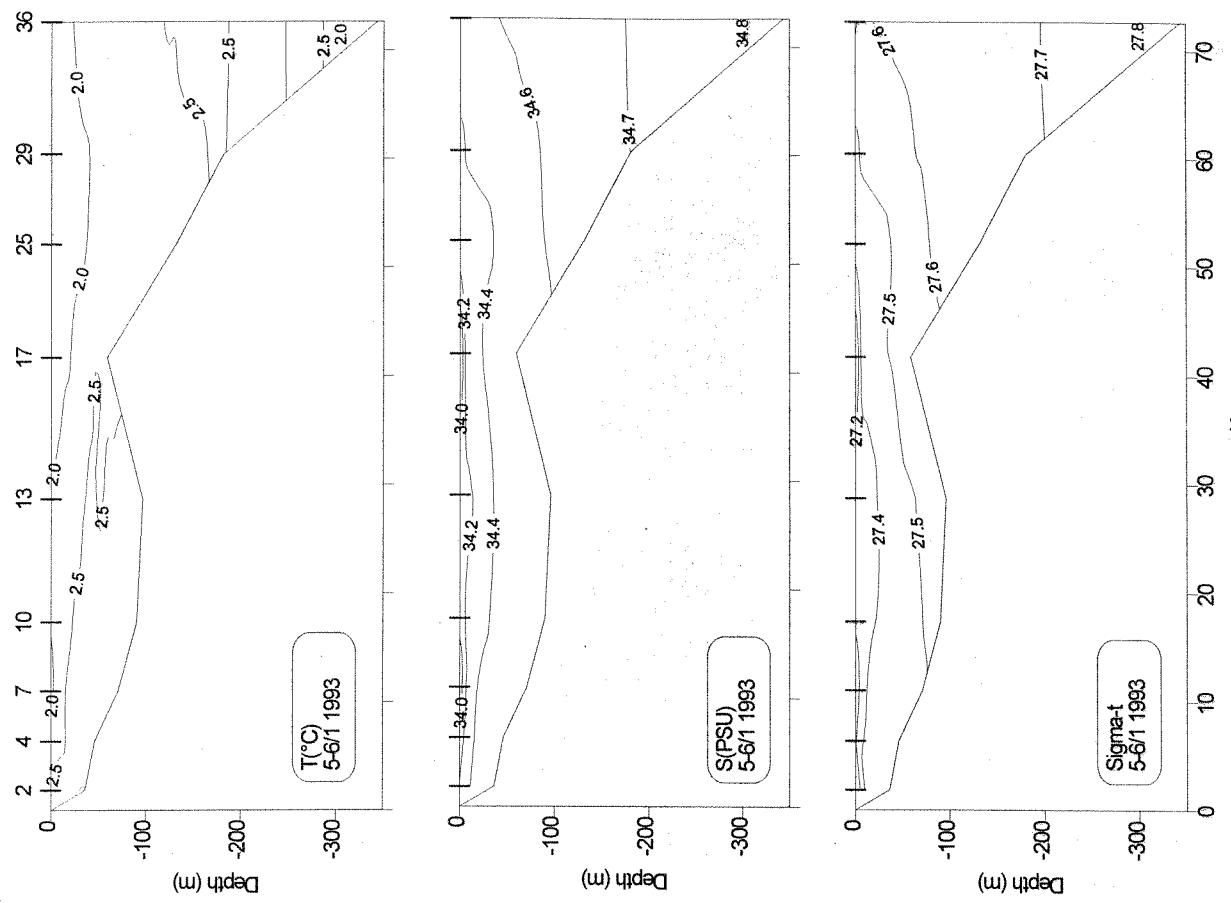


Figure 5.8.7. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

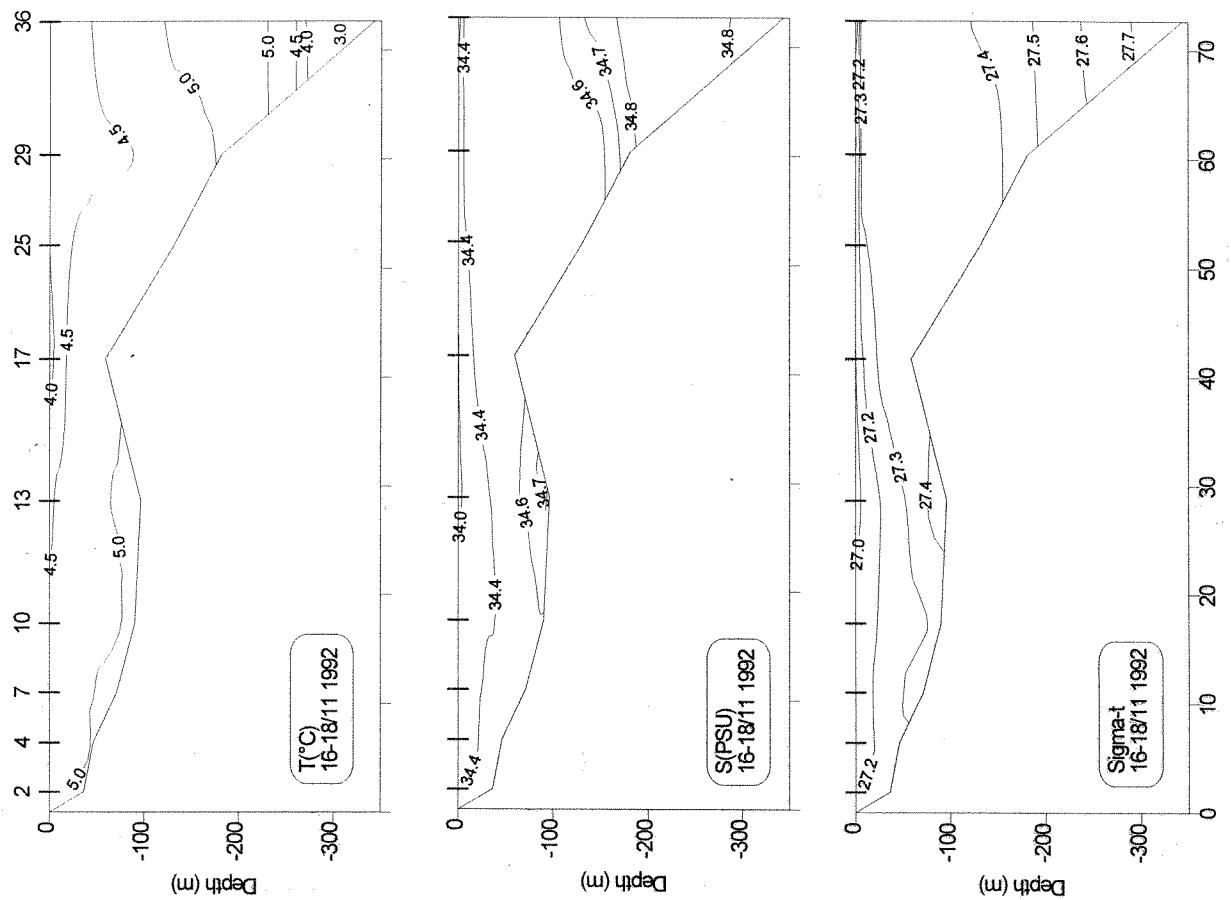


Figure 5.8.8. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

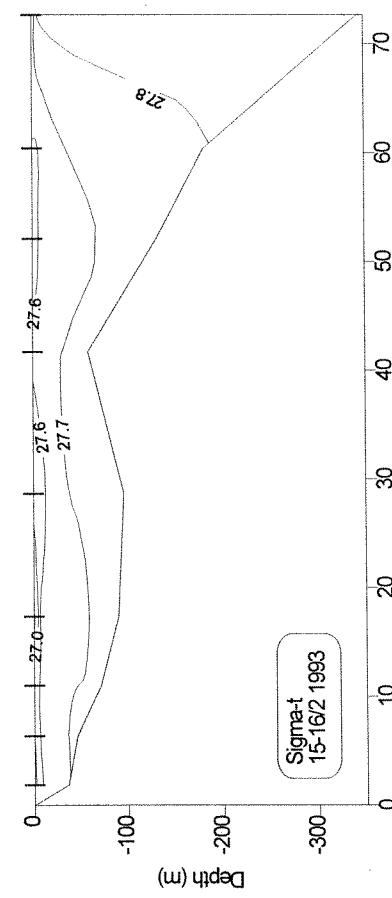
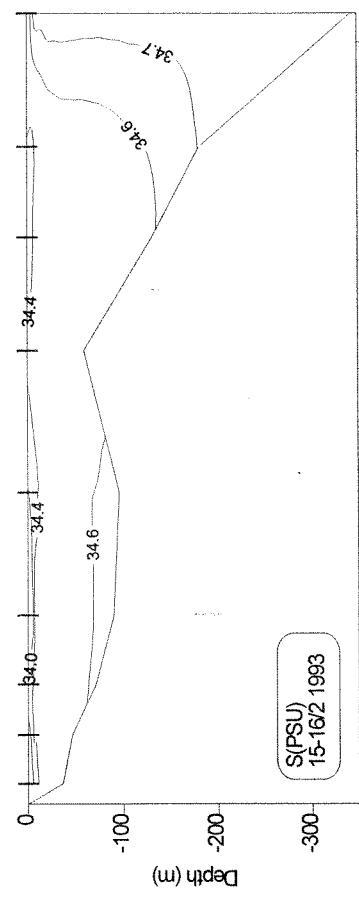
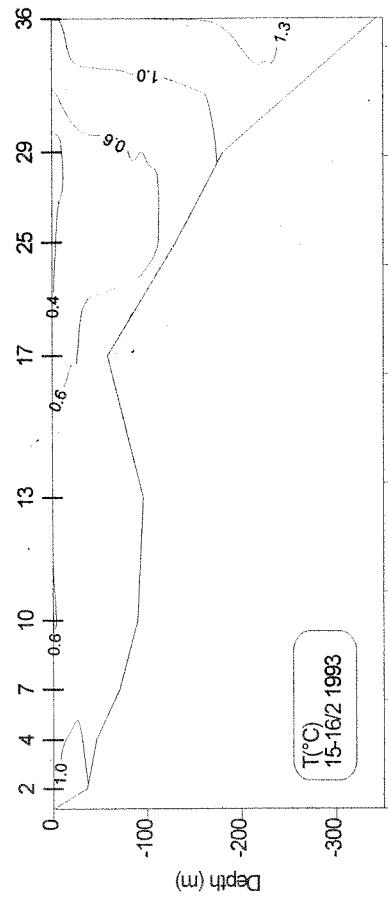
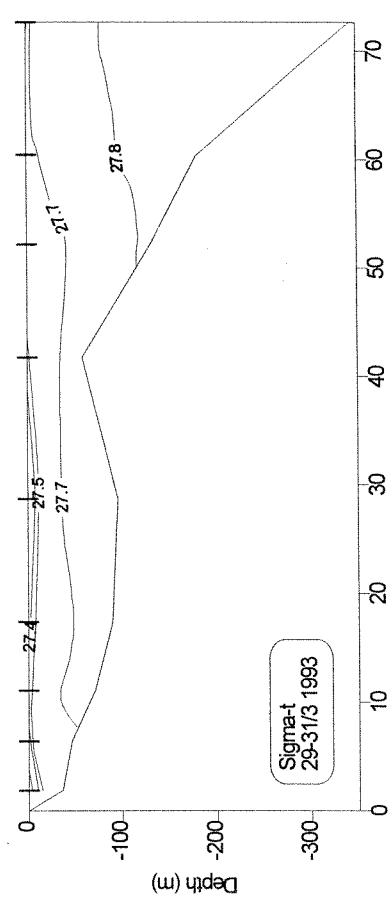
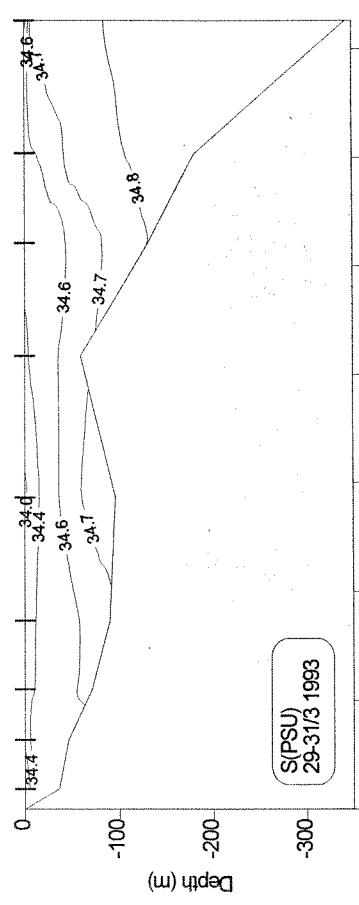
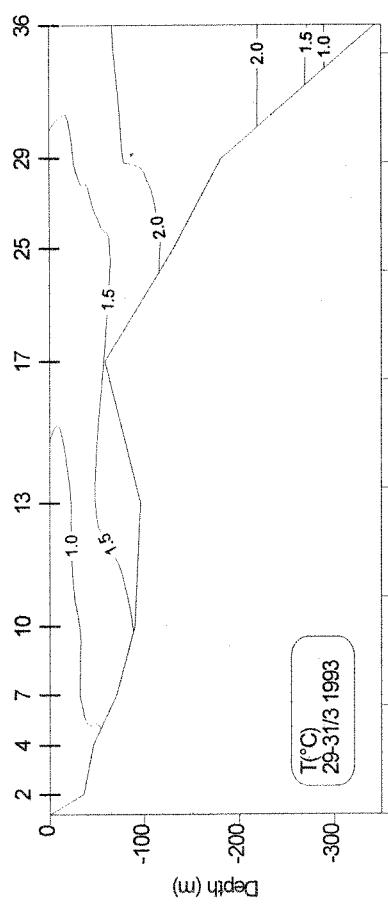


Figure 5.8.9. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

Figure 5.8.10. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

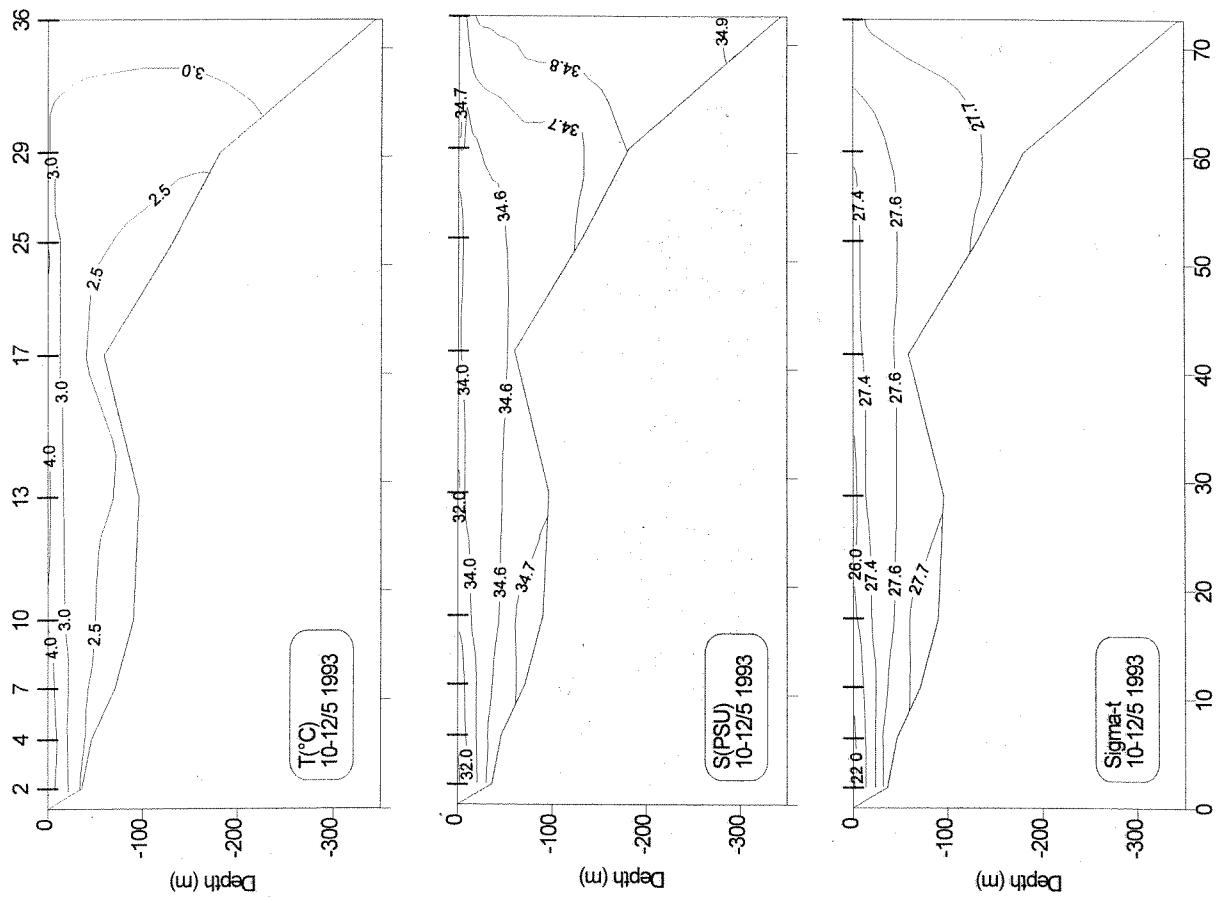


Figure 5.8.12. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

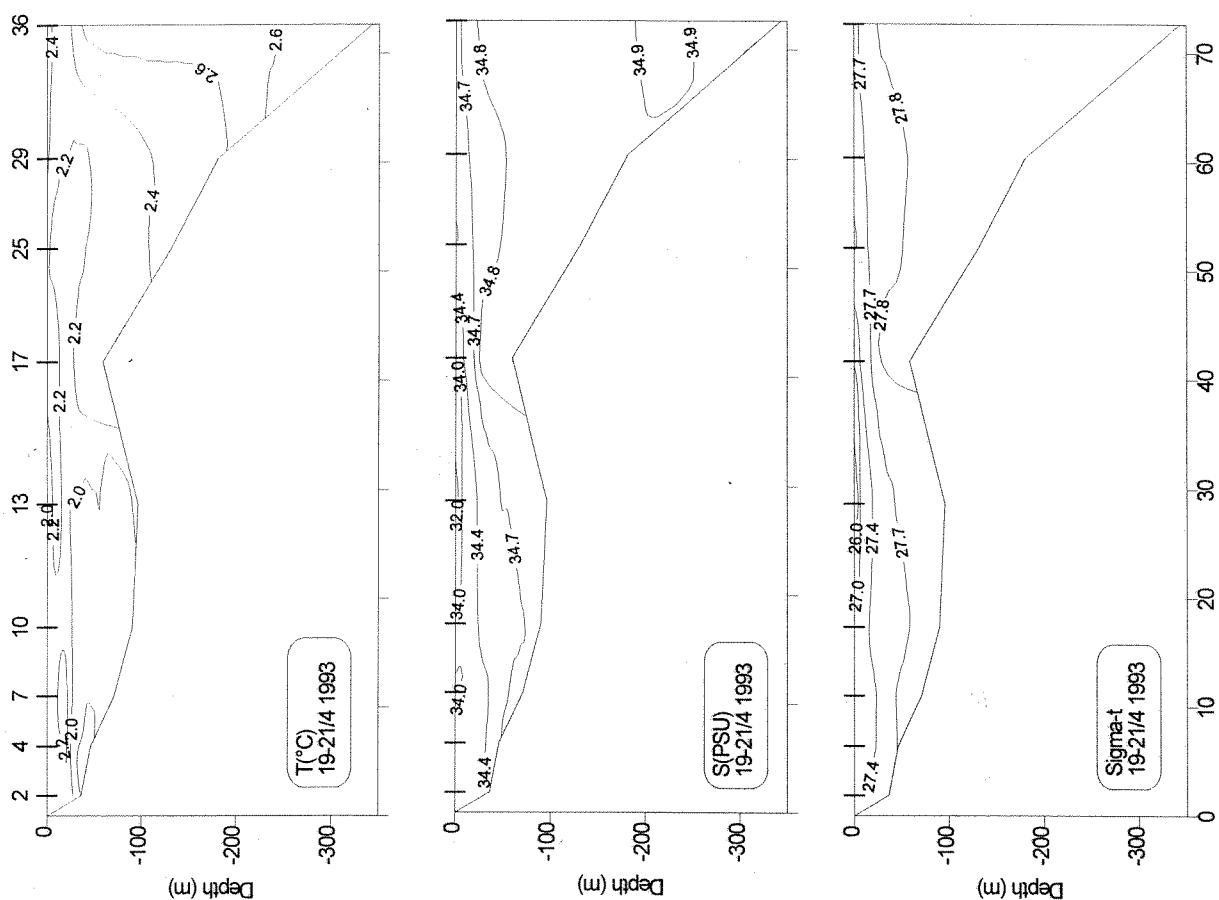


Figure 5.8.11. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

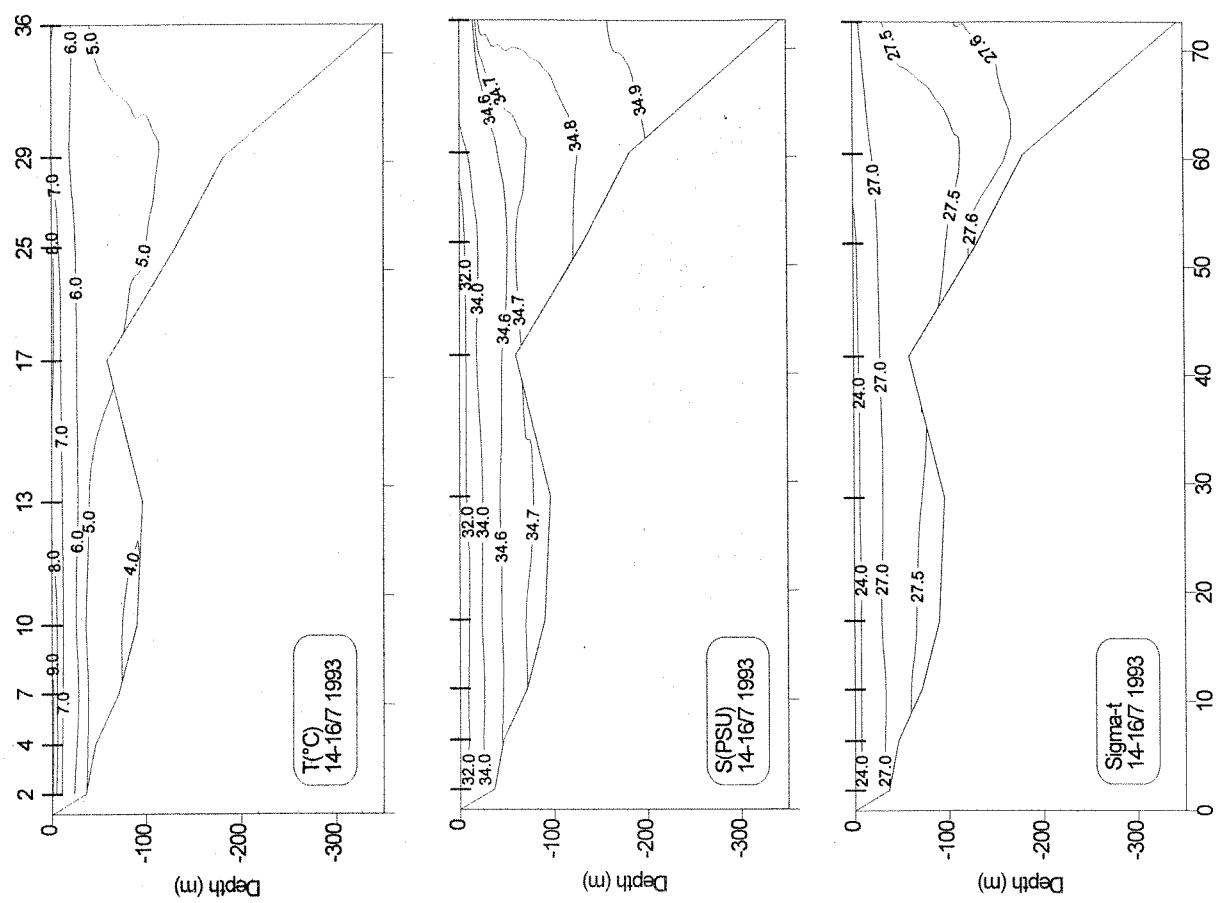


Figure 5.8.13. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

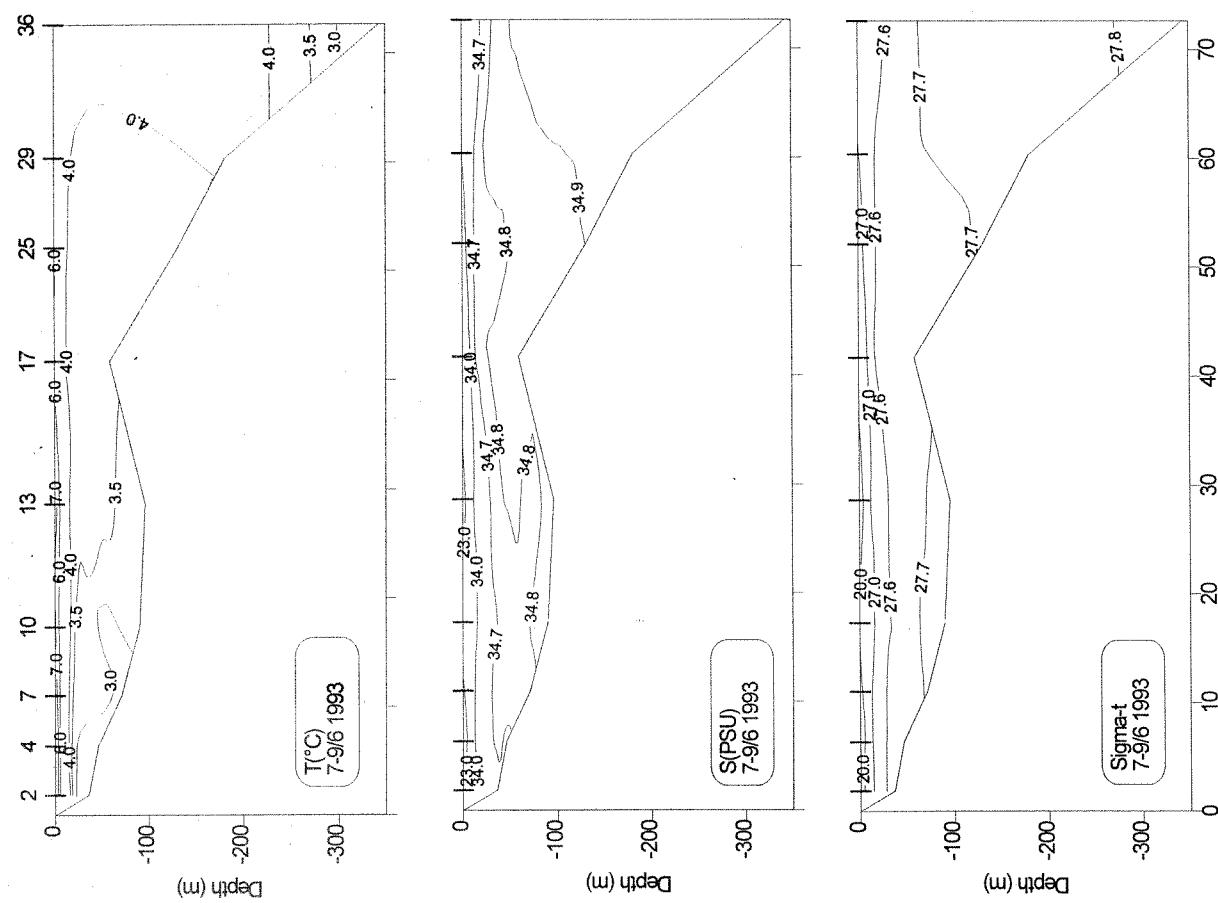


Figure 5.8.14. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the western part of the fjord.

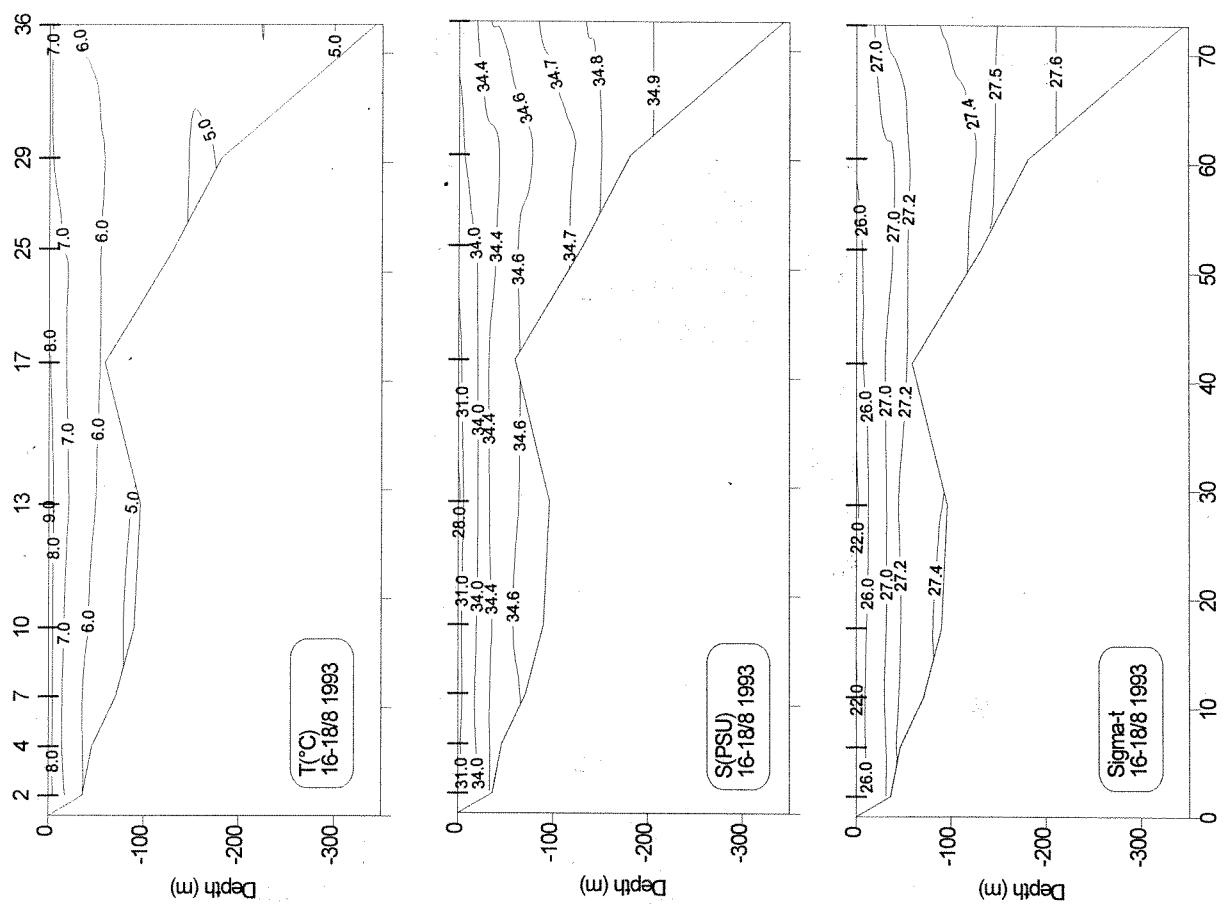


Figure 5.8.15. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ) along the western part of the fjord.

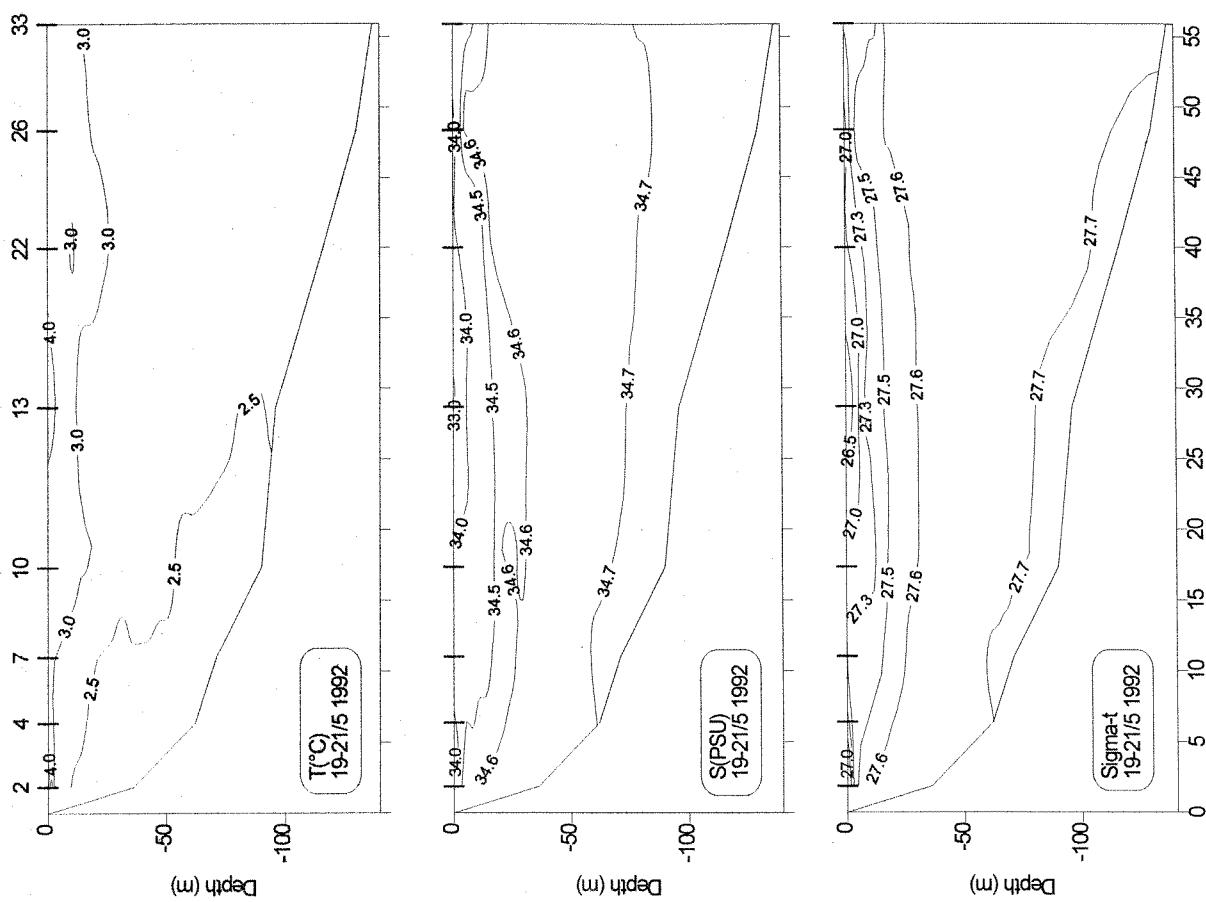


Figure 5.9.2. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

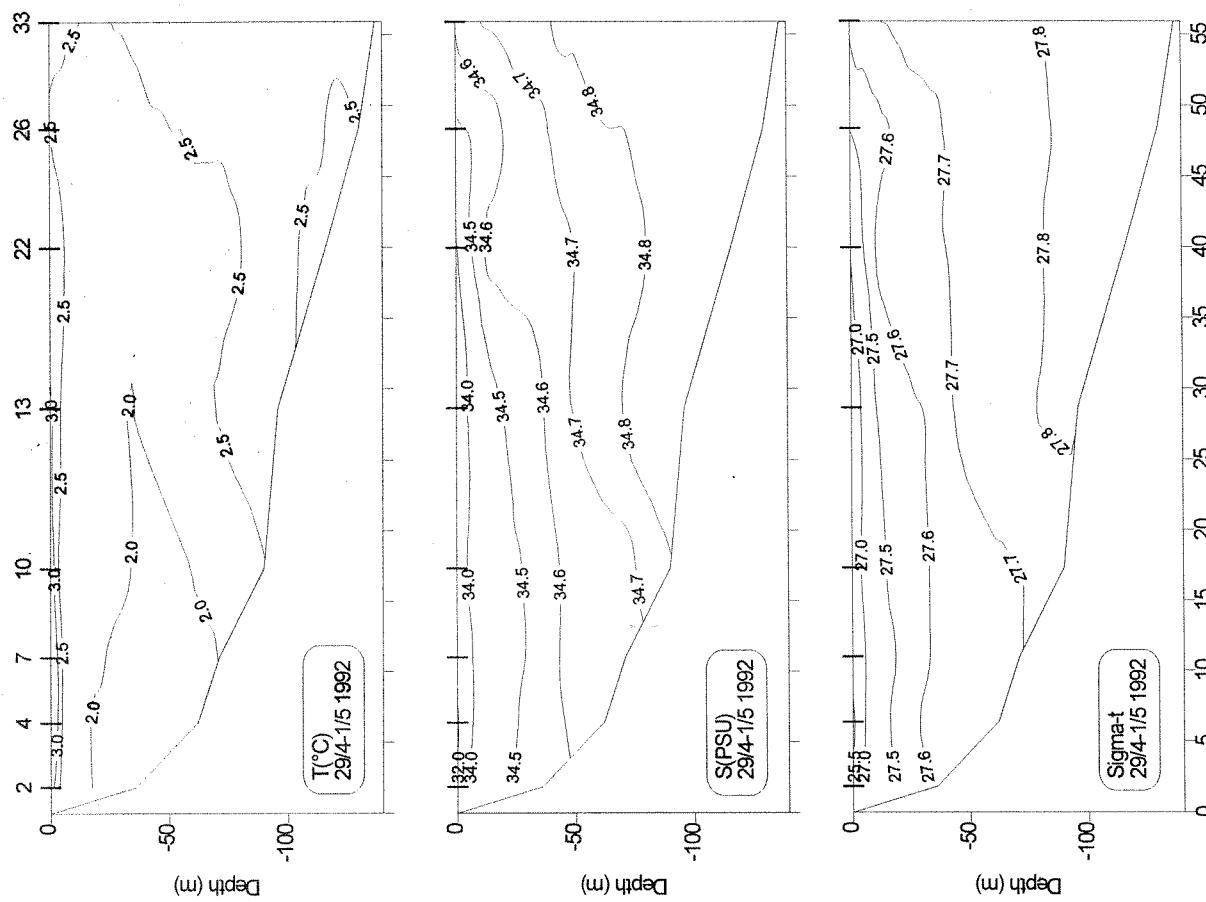


Figure 5.9.1. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

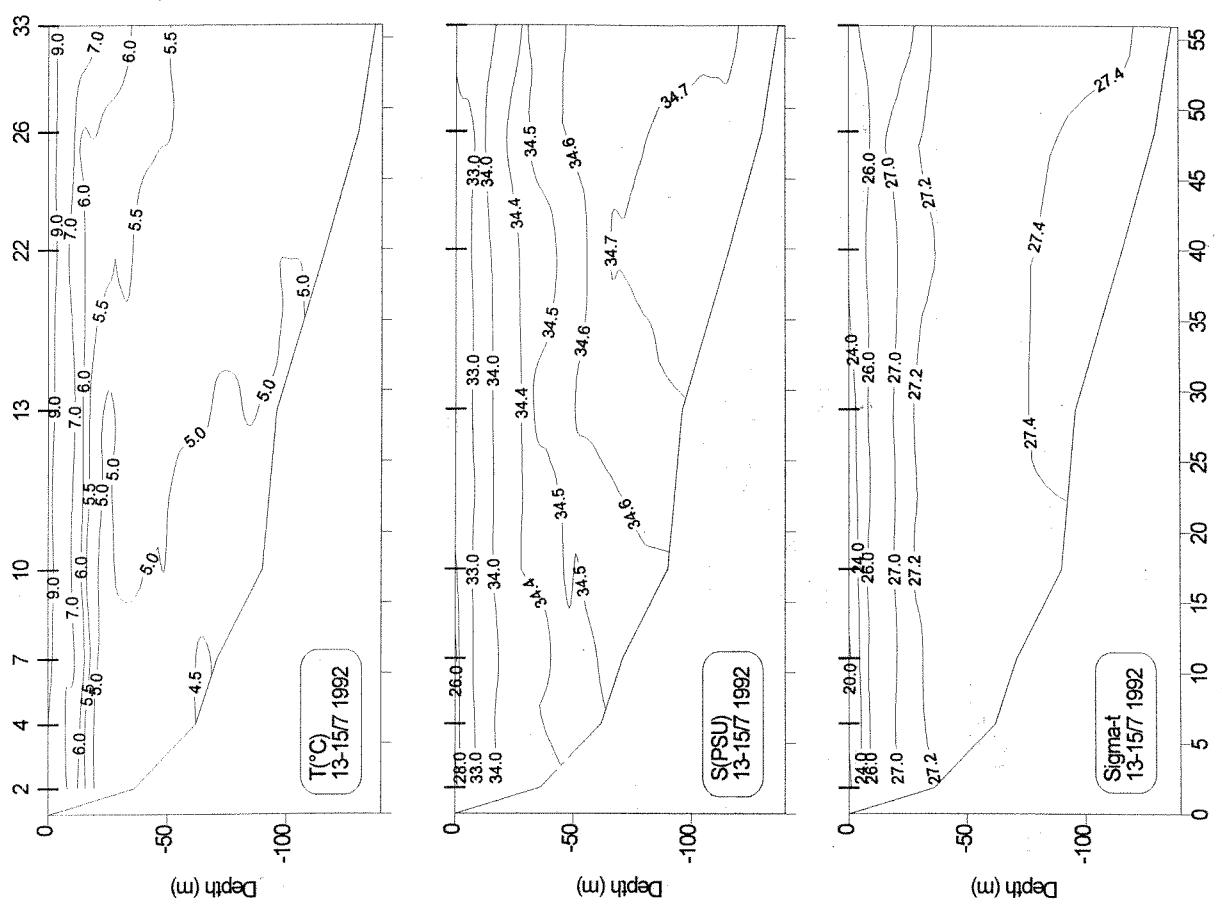


Figure 5.9.4. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

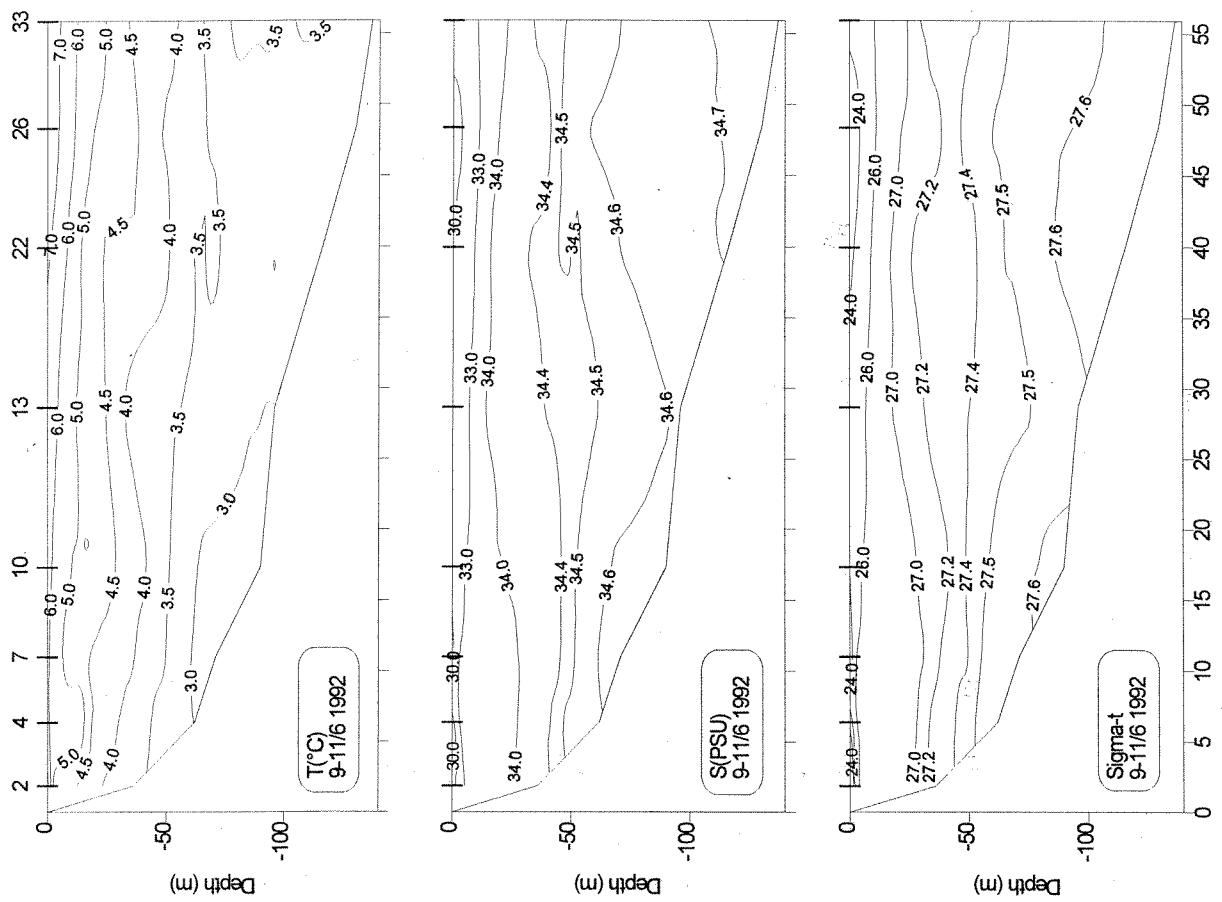


Figure 5.9.3. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

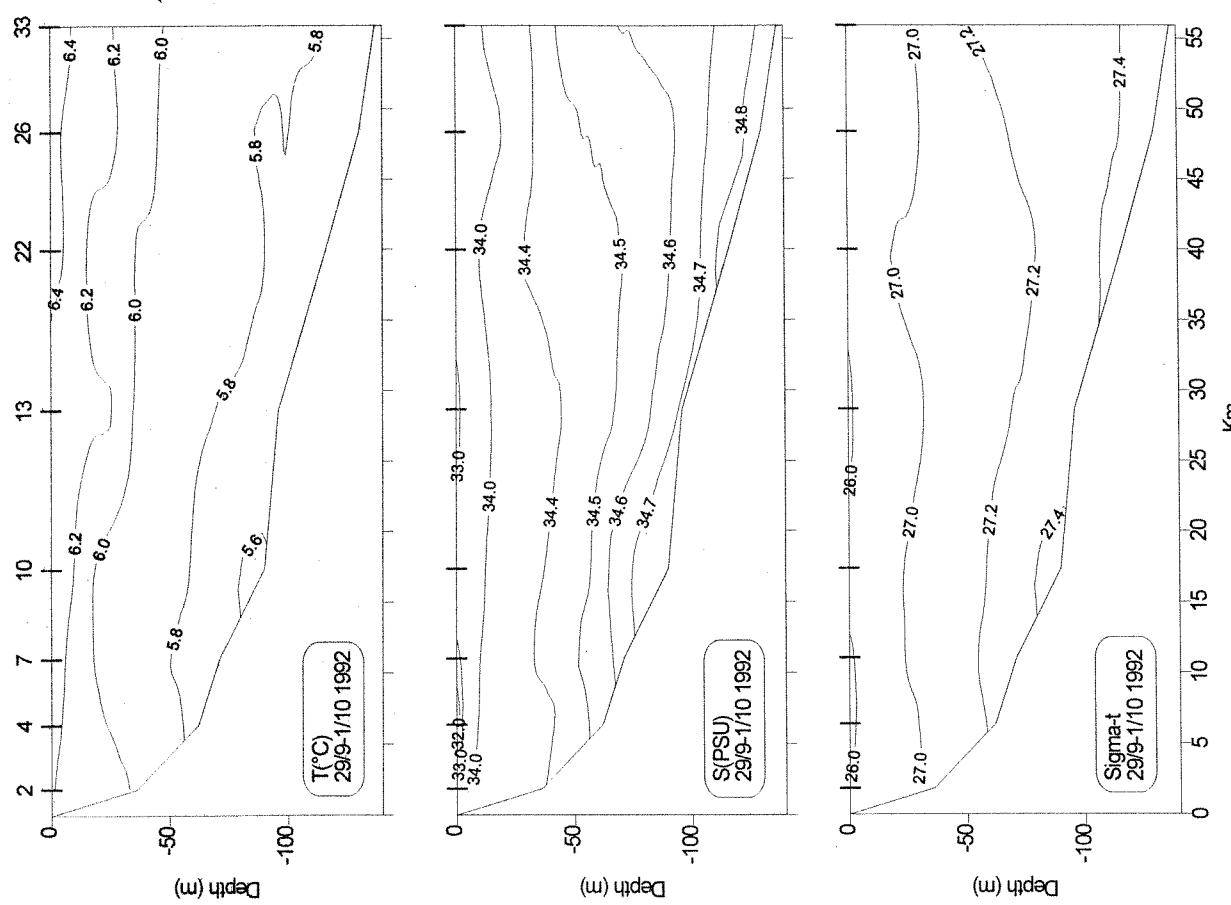


Figure 5.9.6. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

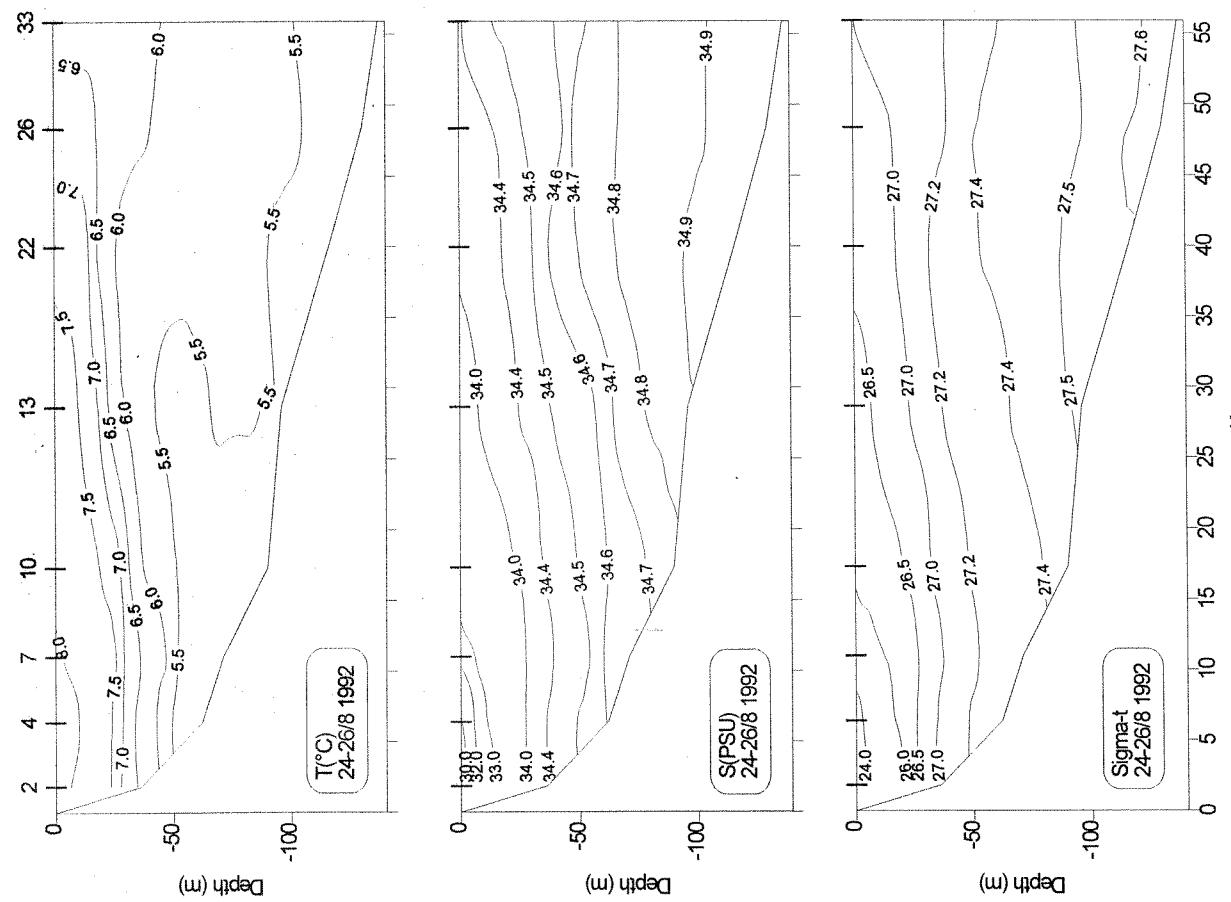


Figure 5.9.5. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

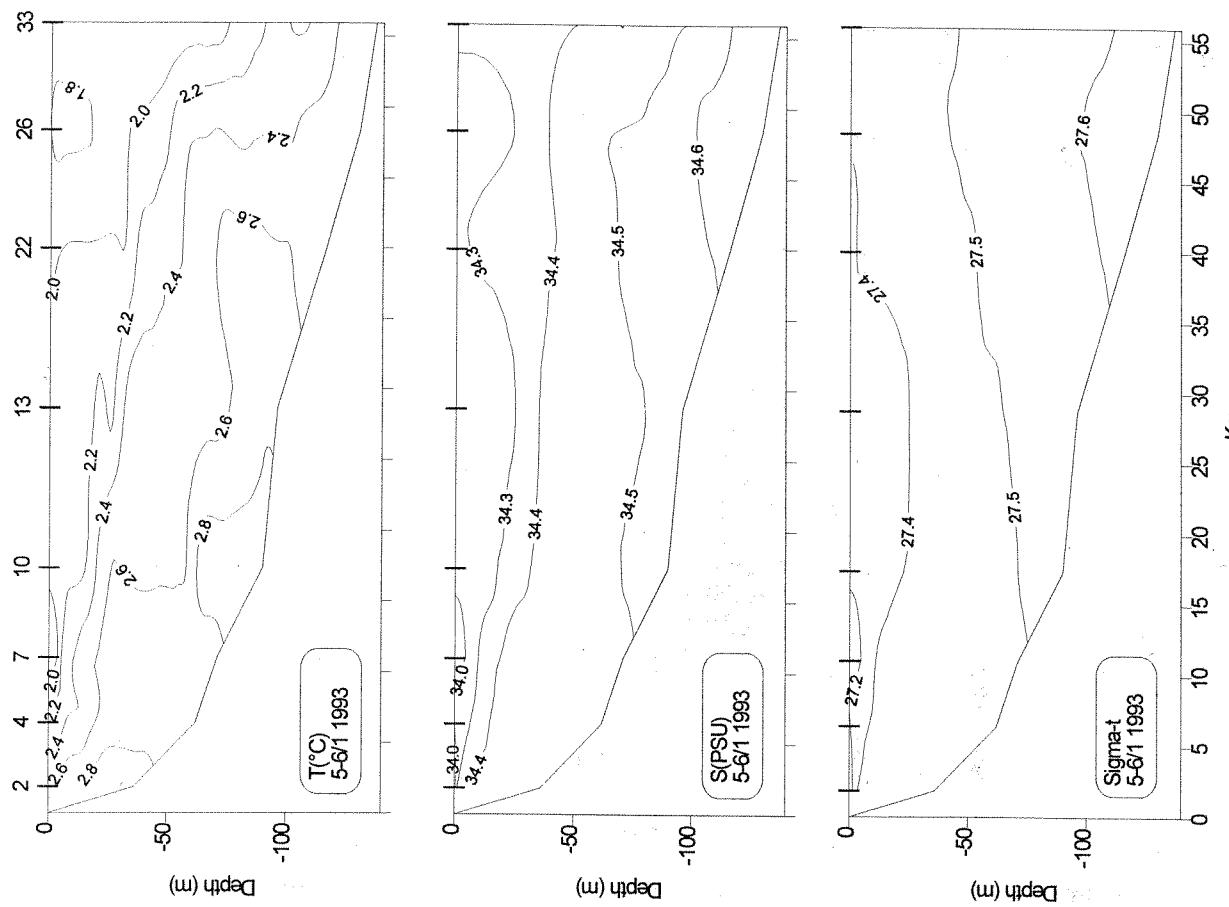


Figure 5.9.8. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

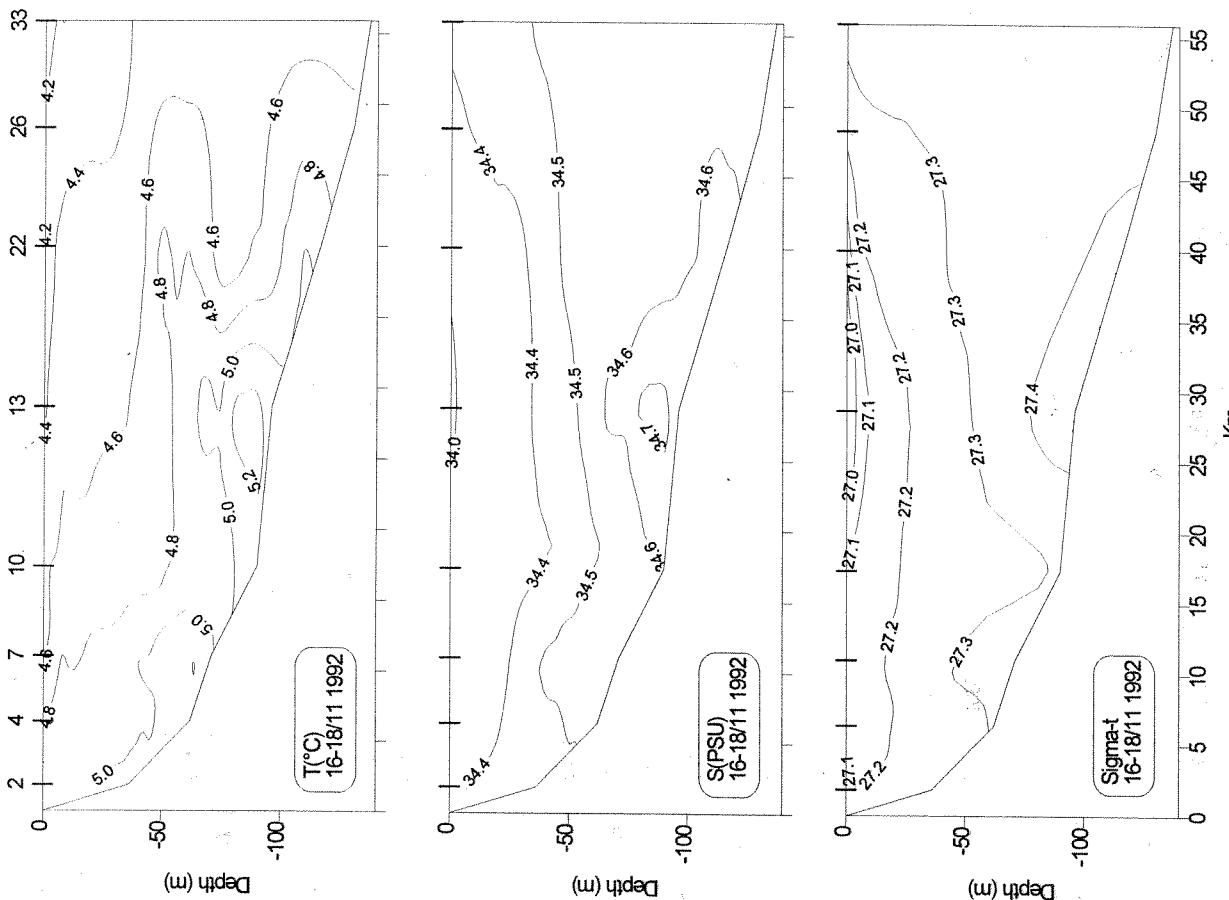


Figure 5.9.7. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

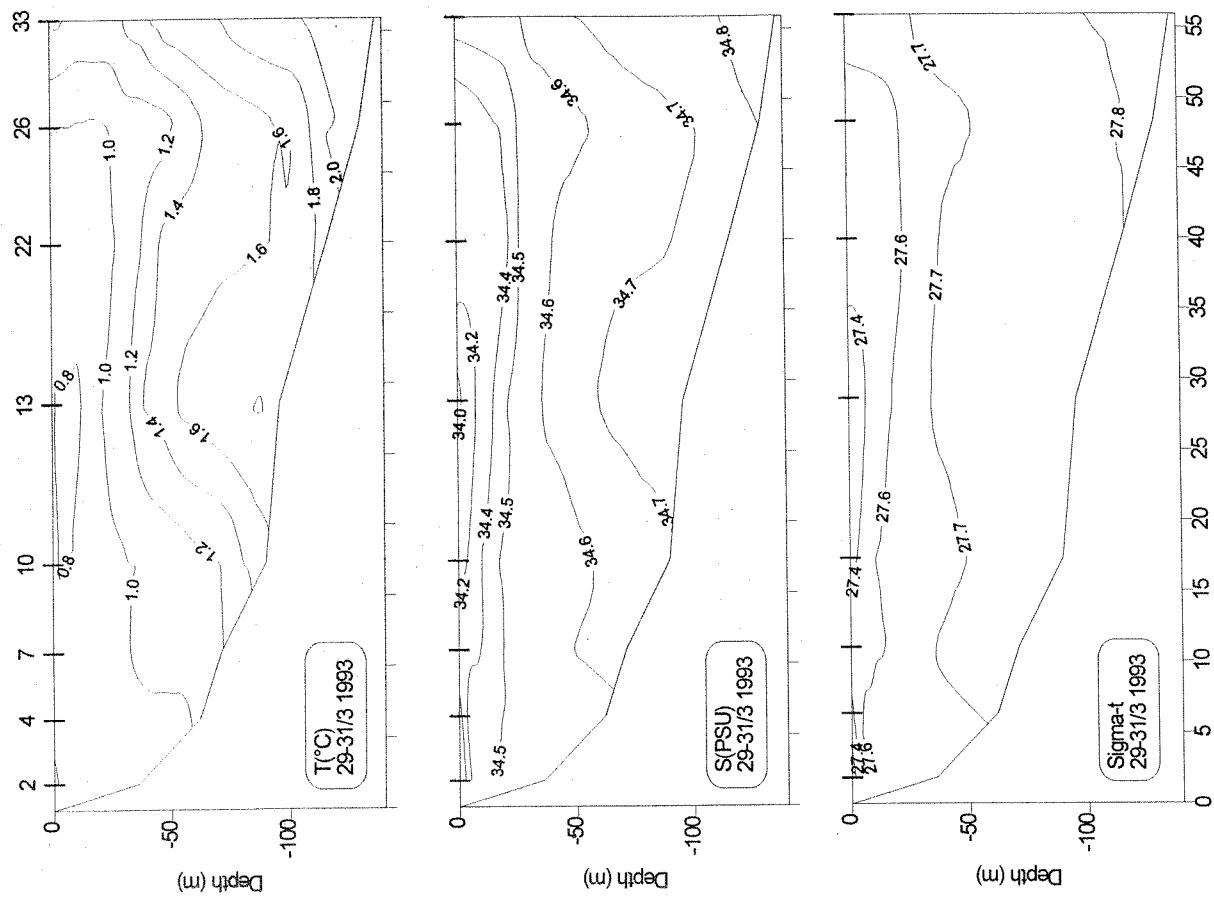


Figure 5.9.10. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

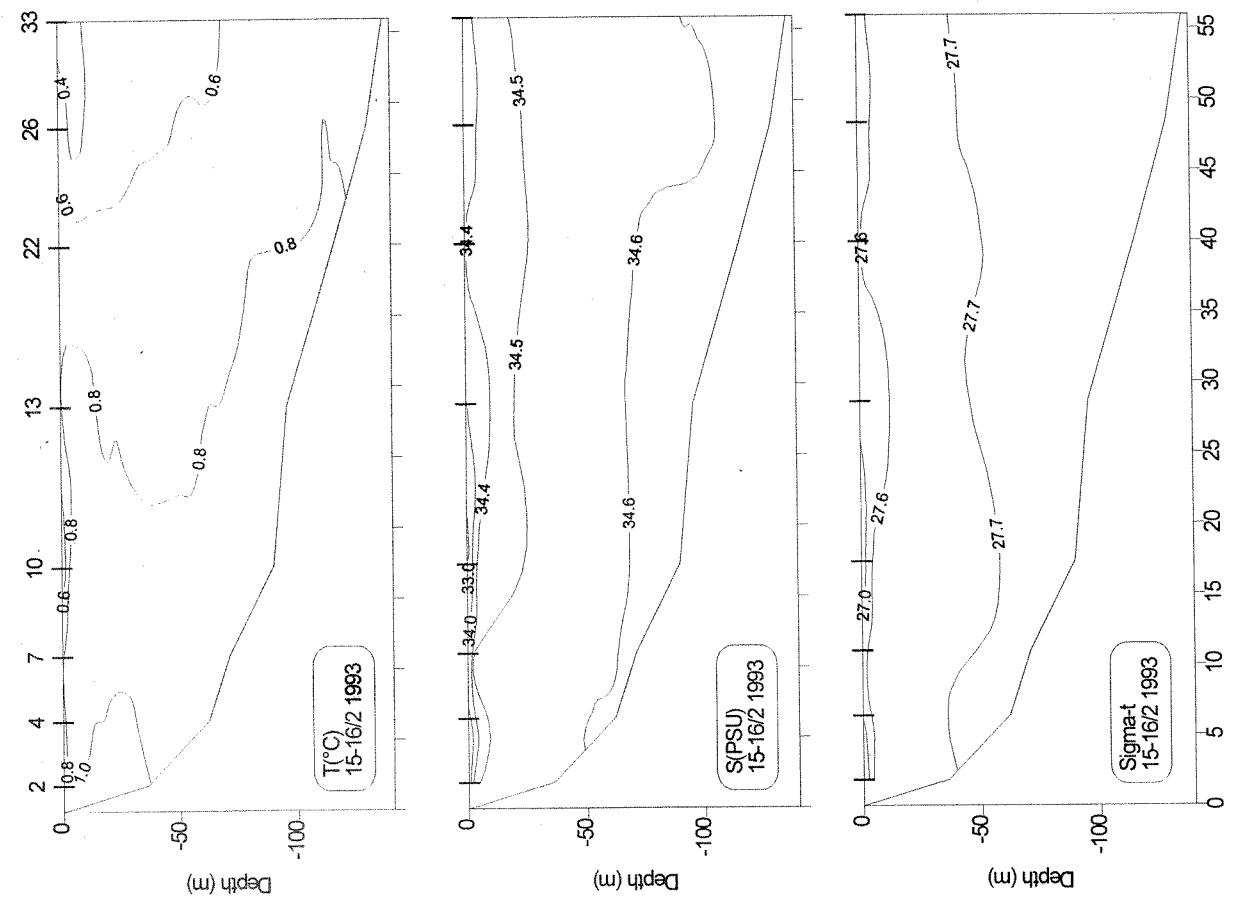


Figure 5.9.9. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

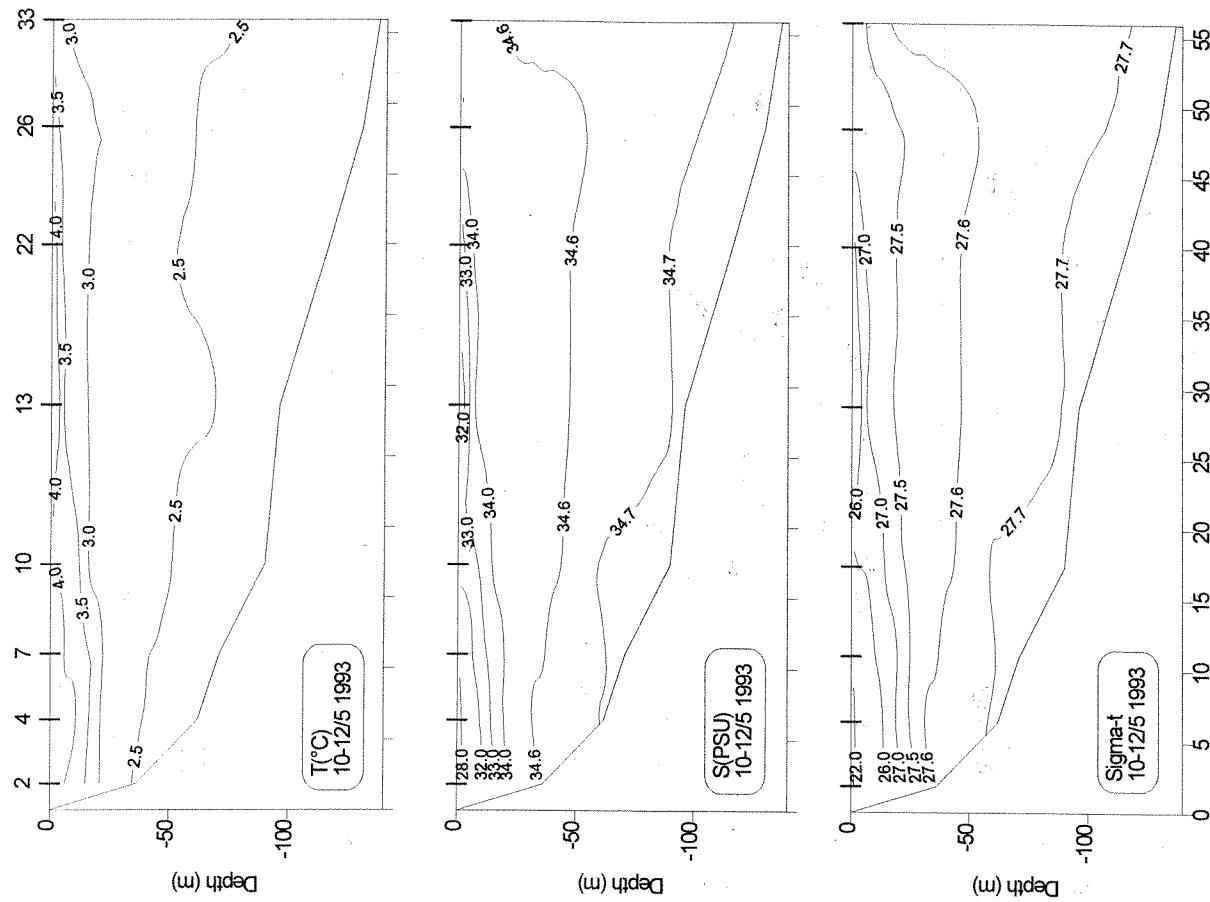


Figure 5.9.12. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

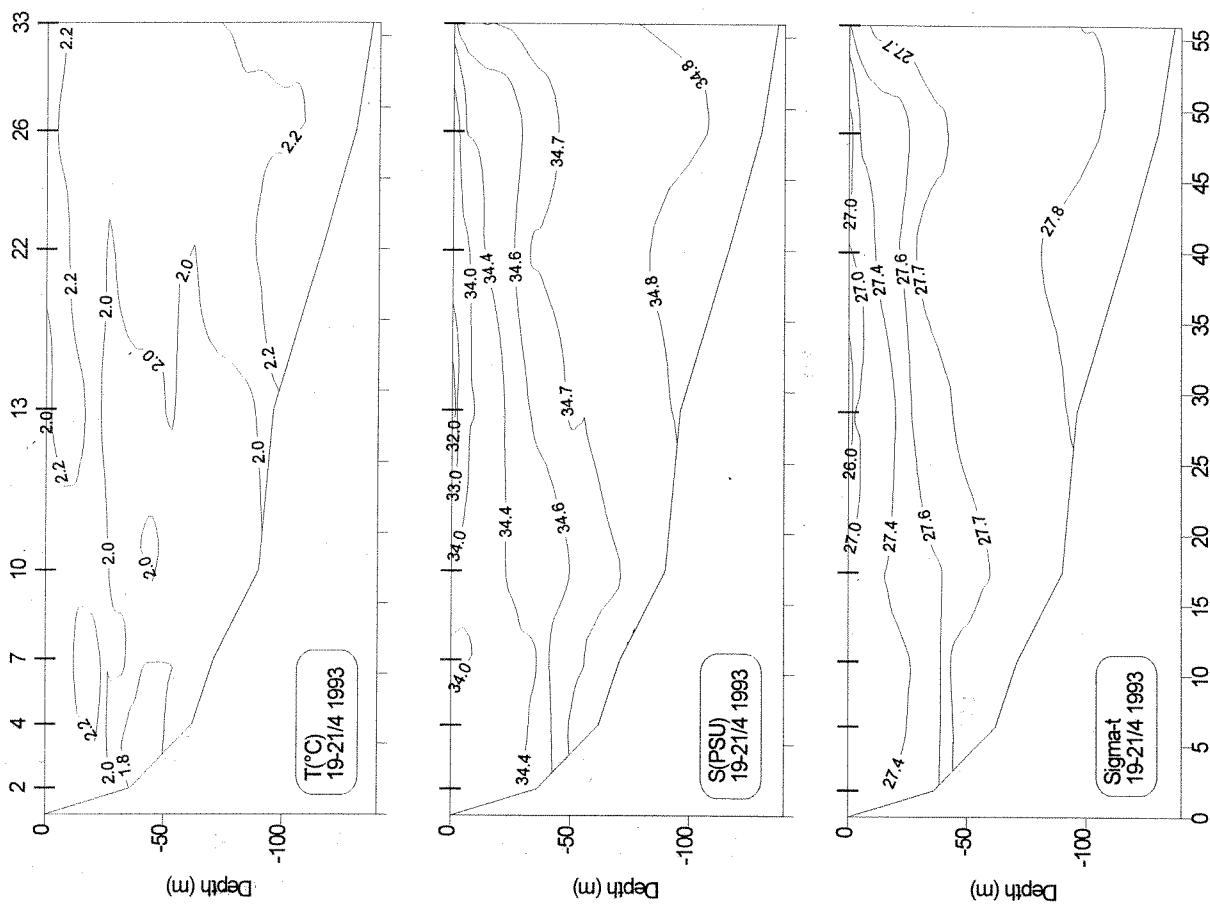


Figure 5.9.11. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

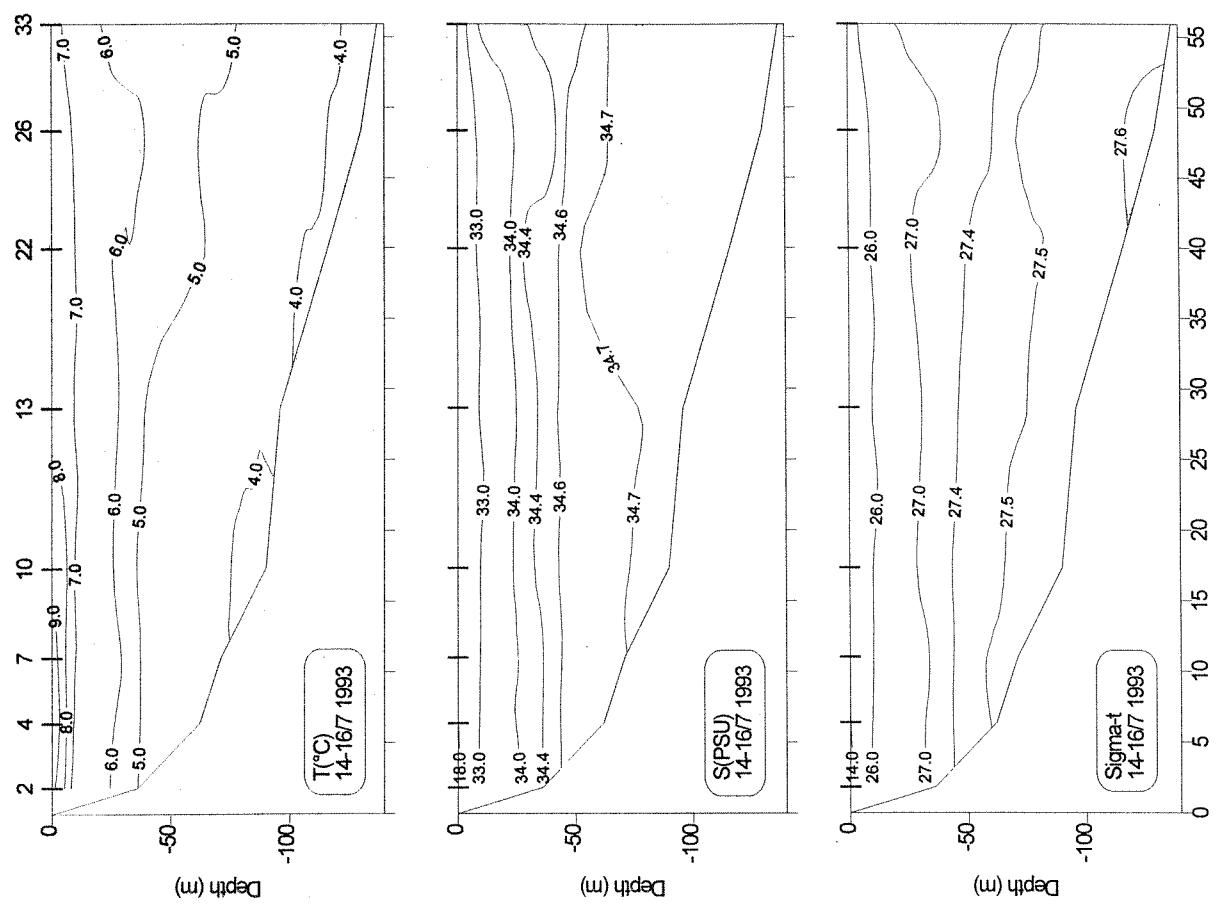


Figure 5.9.14. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

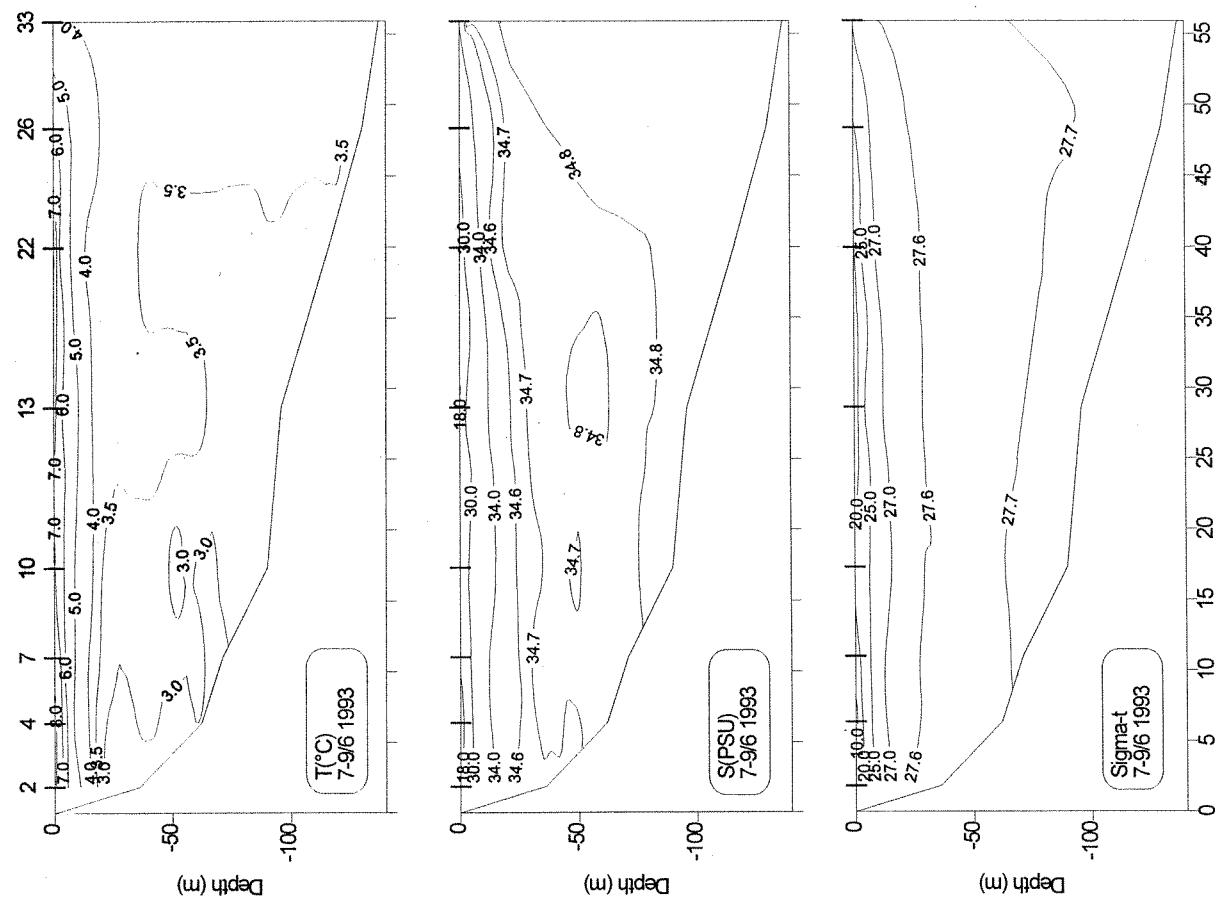


Figure 5.9.13. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

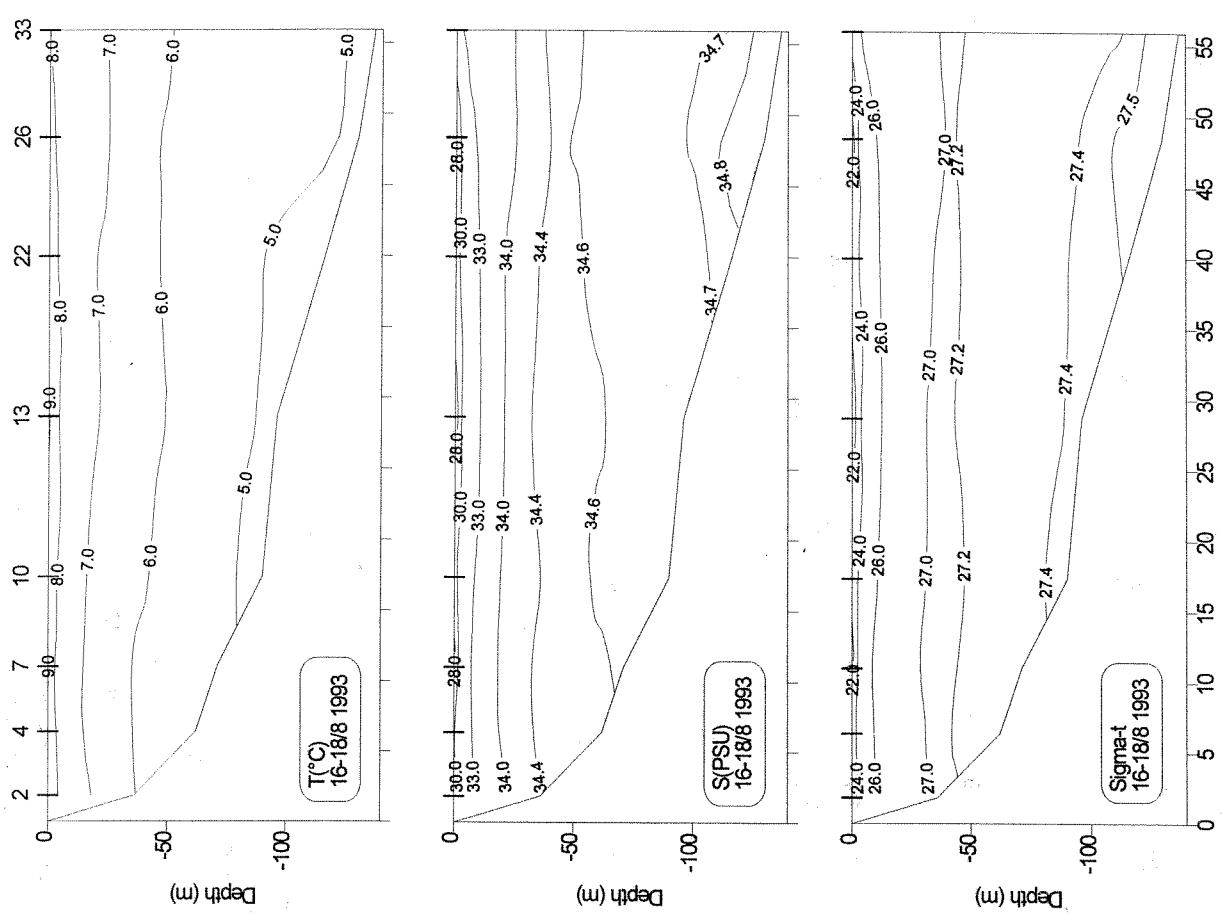


Figure 5.9.15. Vertical sections of temperature, salinity and sigma-t ( $\sigma_t$ ), along the eastern part of the fjord.

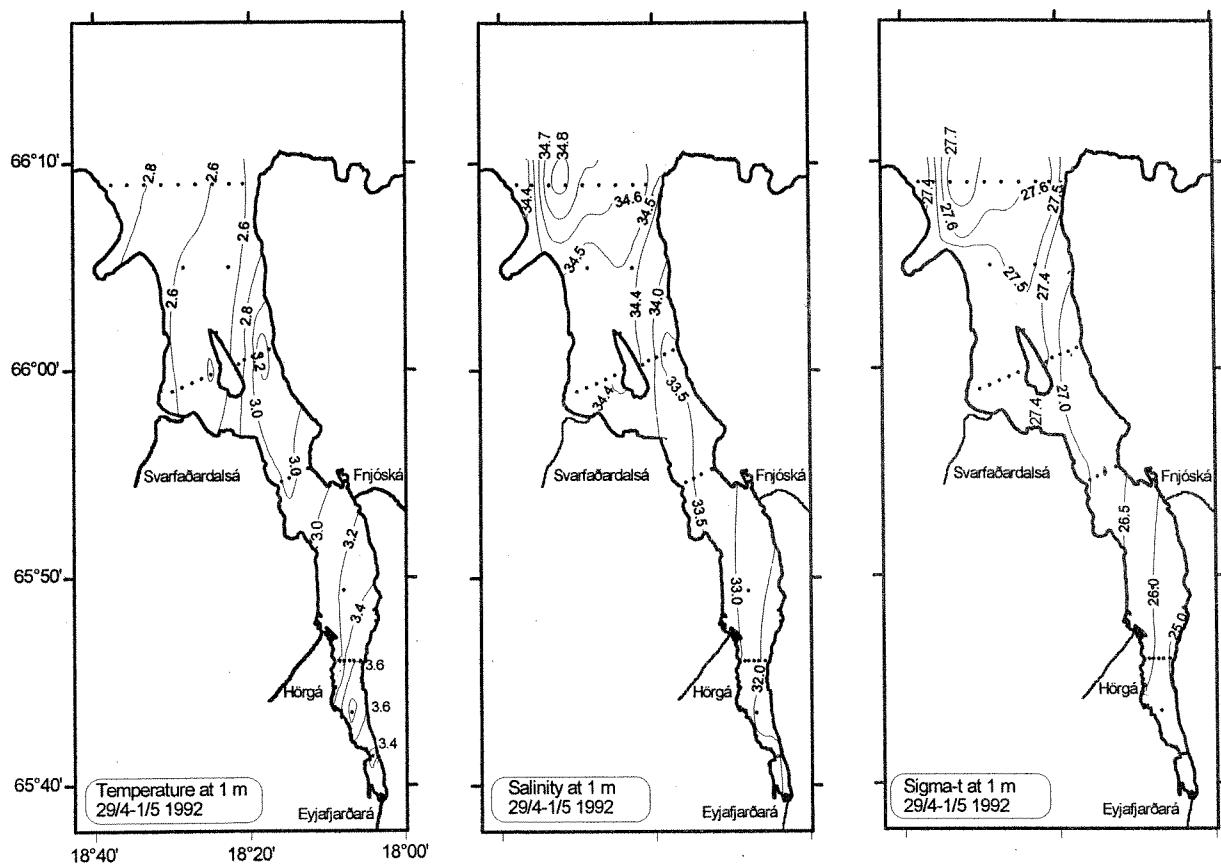


Figure 5.10.1. Horizontal sections of temperature, salinity and sigma-t.

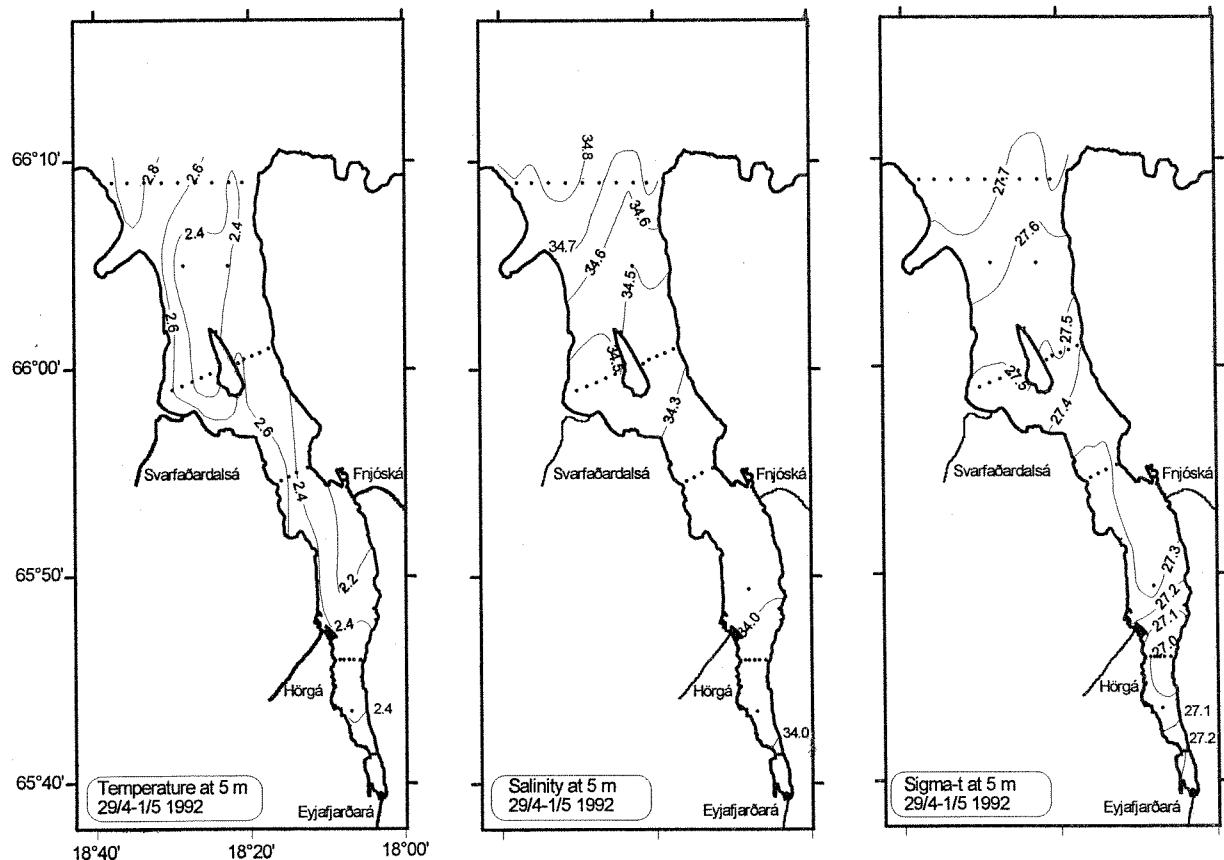


Figure 5.10.2. Horizontal sections of temperature, salinity and sigma-t.

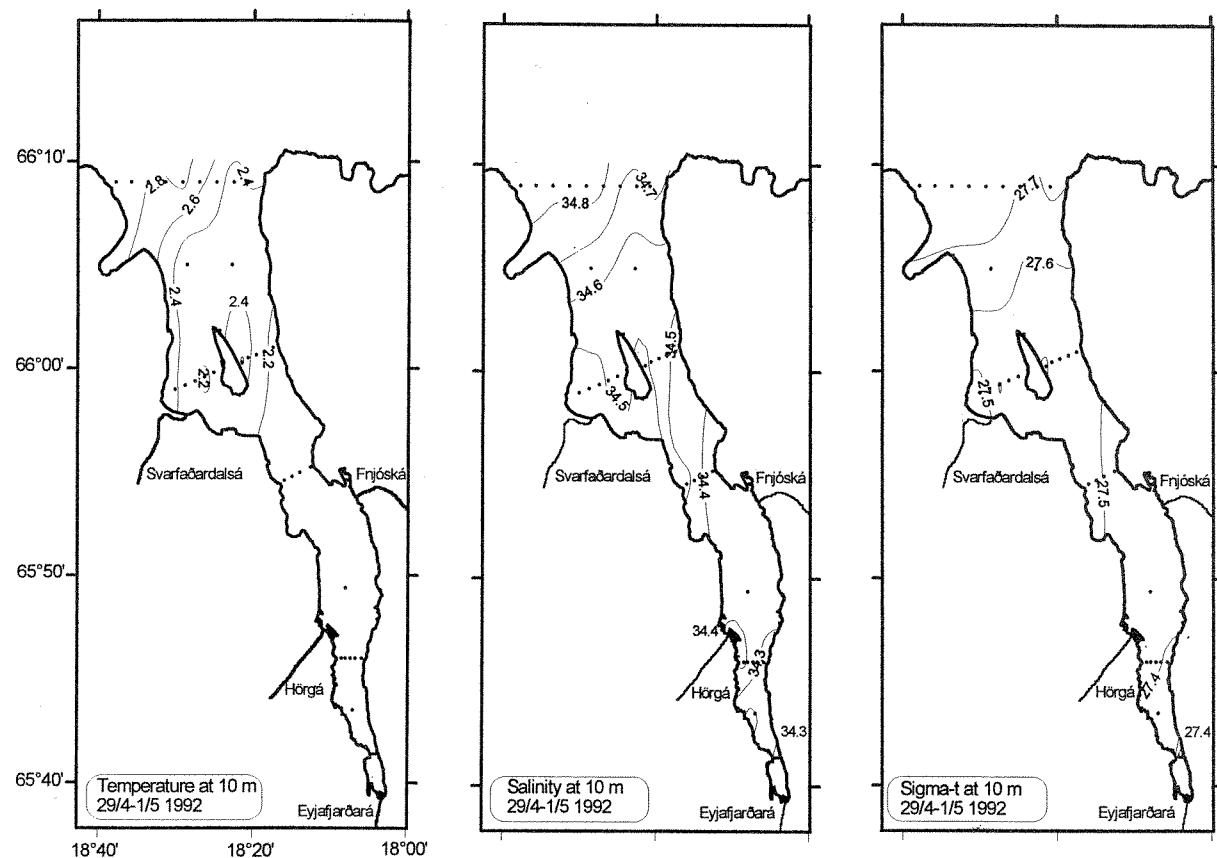


Figure 5.10.3. Horizontal sections of temperature, salinity and sigma-t.

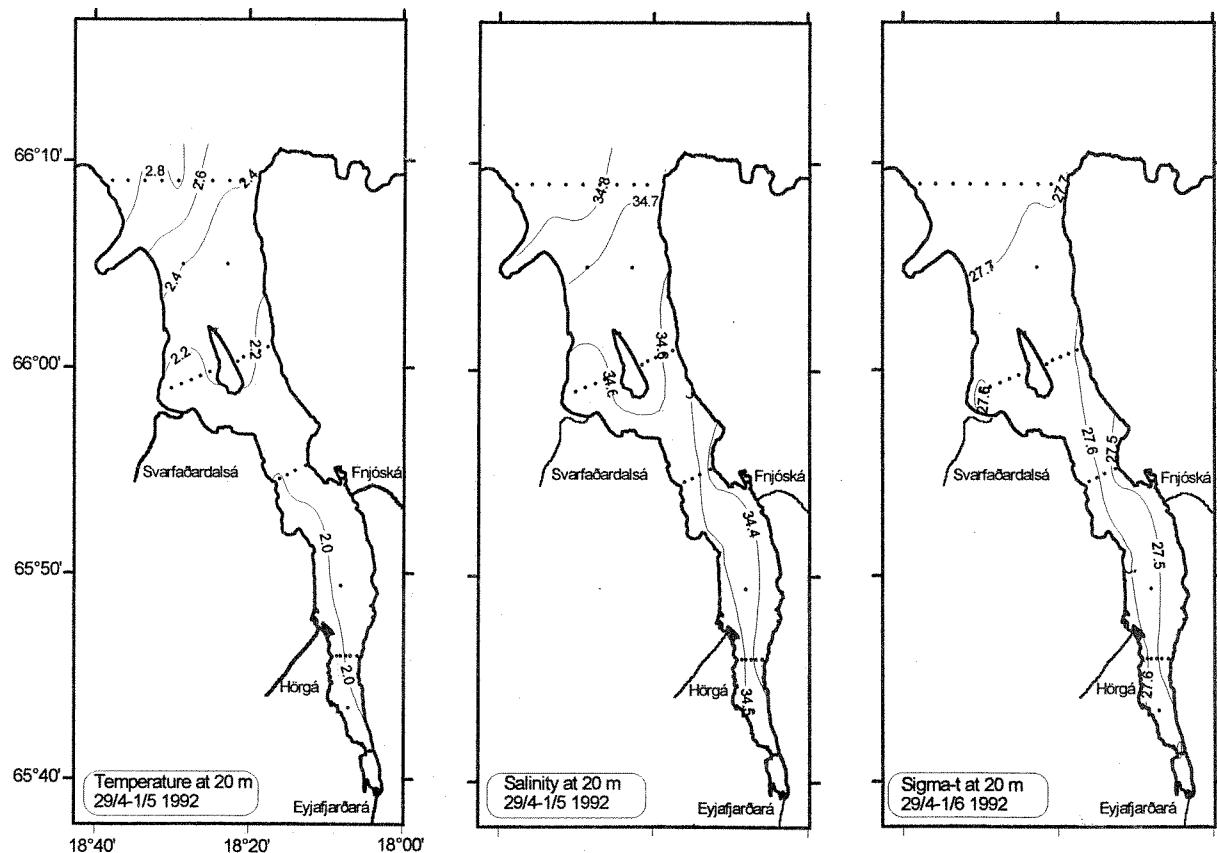


Figure 5.10.4. Horizontal sections of temperature, salinity and sigma-t.

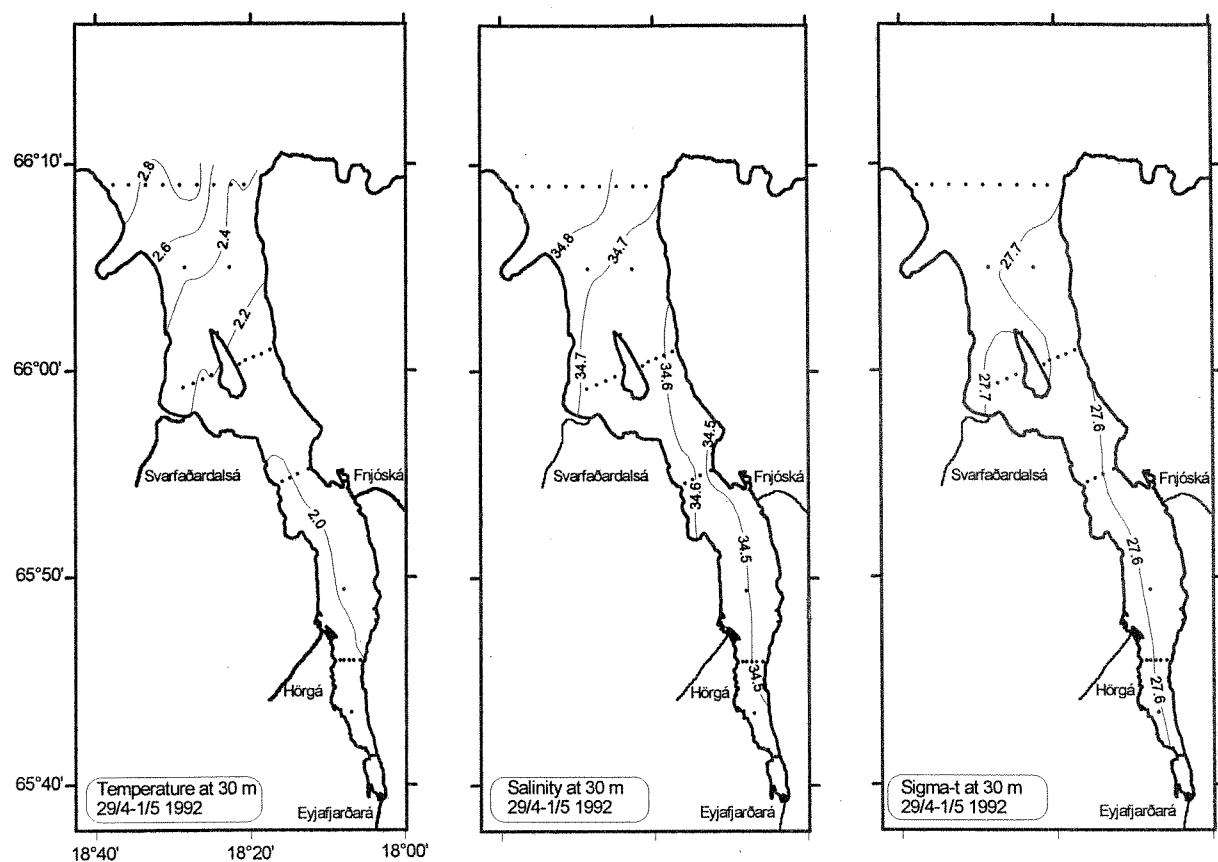


Figure 5.10.5. Horizontal sections of temperature, salinity and sigma-t.

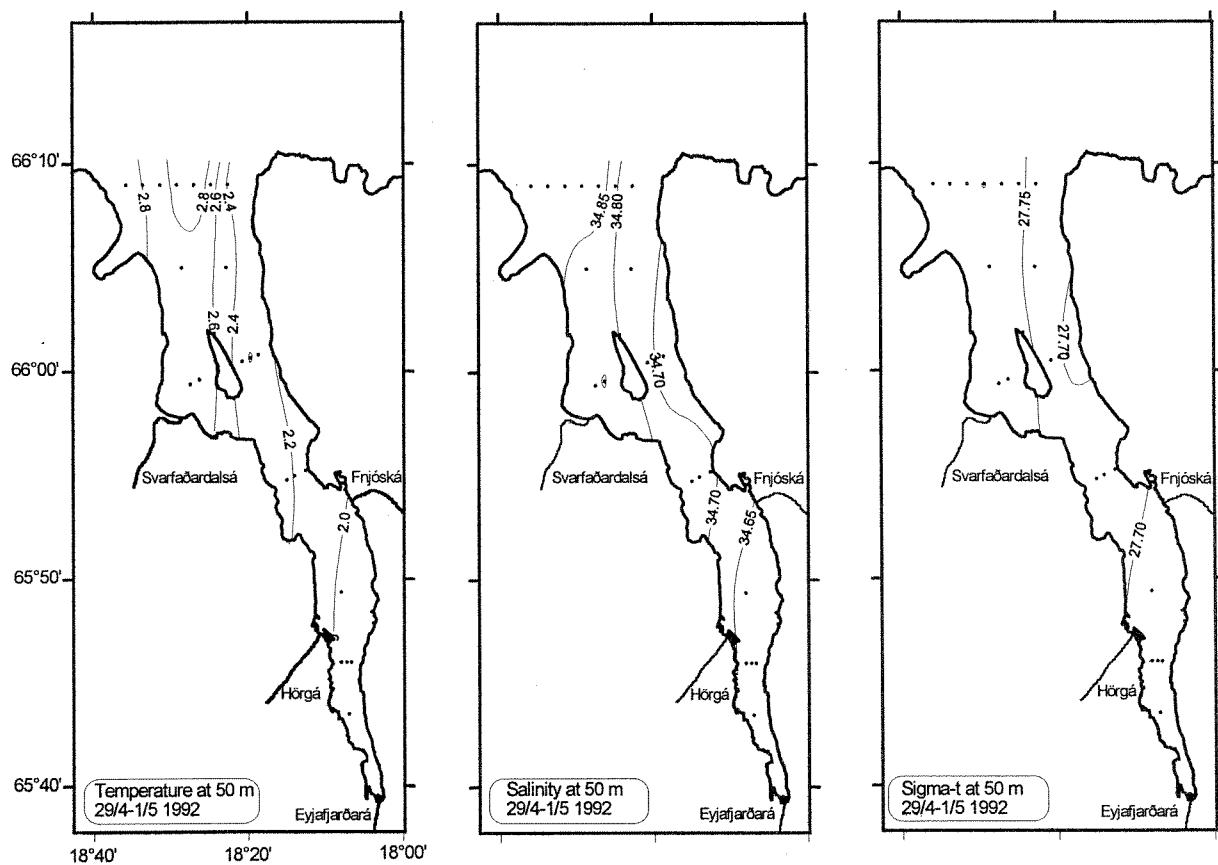


Figure 5.10.6. Horizontal sections of temperature, salinity and sigma-t.

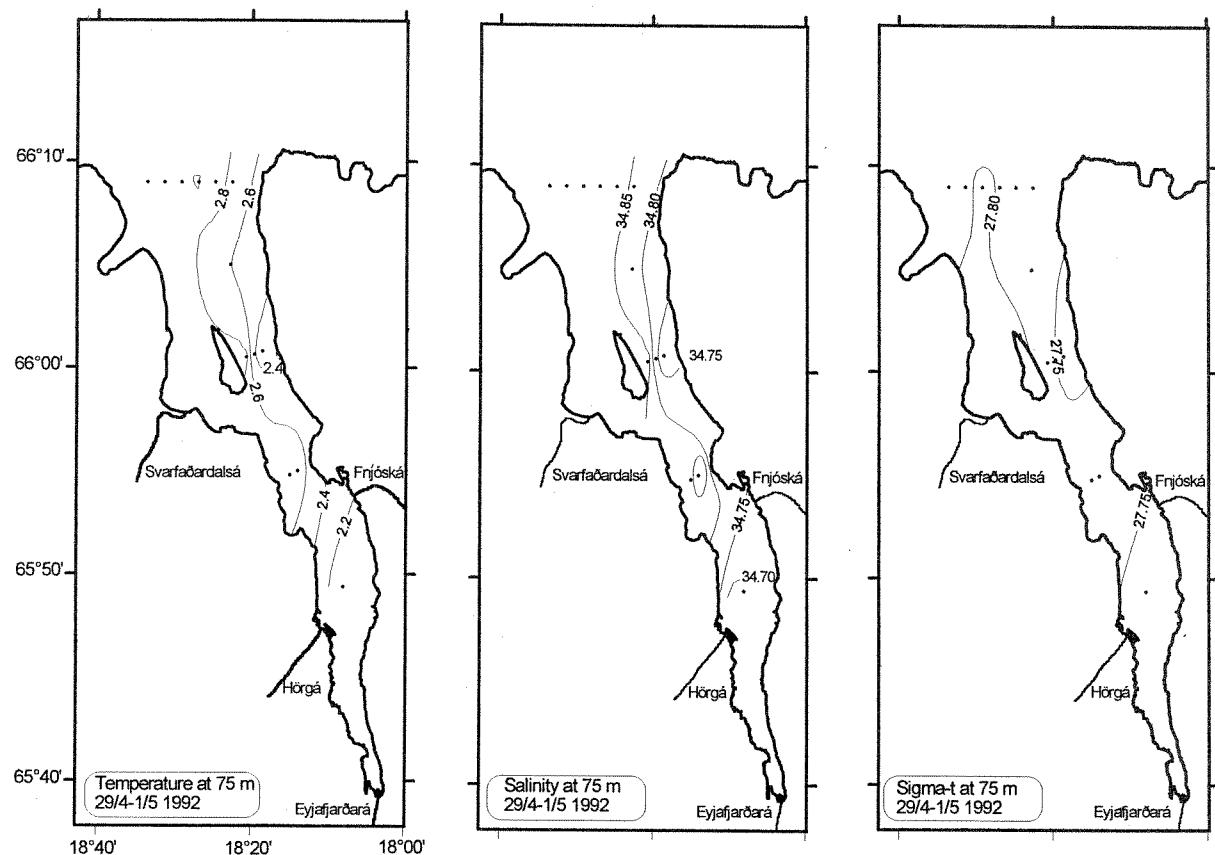


Figure 5.10.7. Horizontal sections of temperature, salinity and sigma-t.

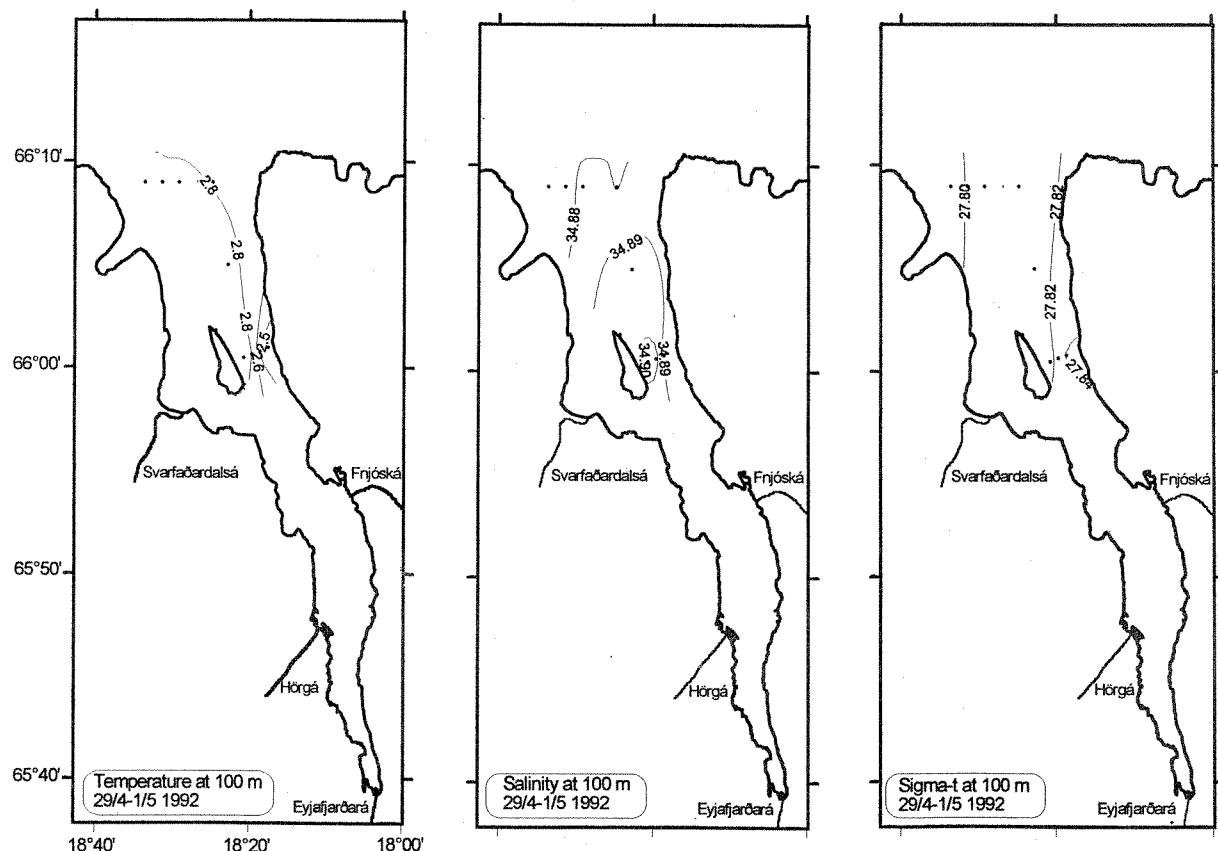


Figure 5.10.8. Horizontal sections of temperature, salinity and sigma-t.

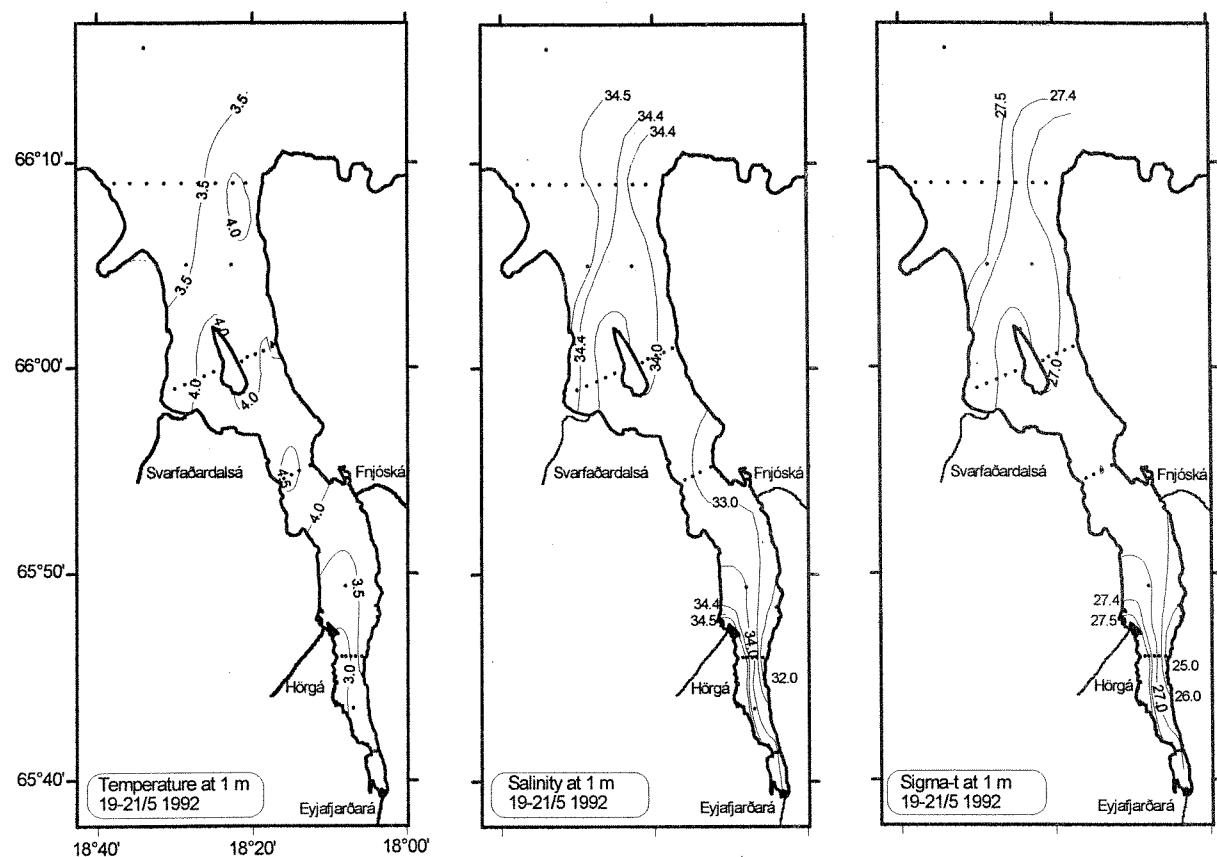


Figure 5.11.1. Horizontal sections of temperature, salinity and sigma-t.

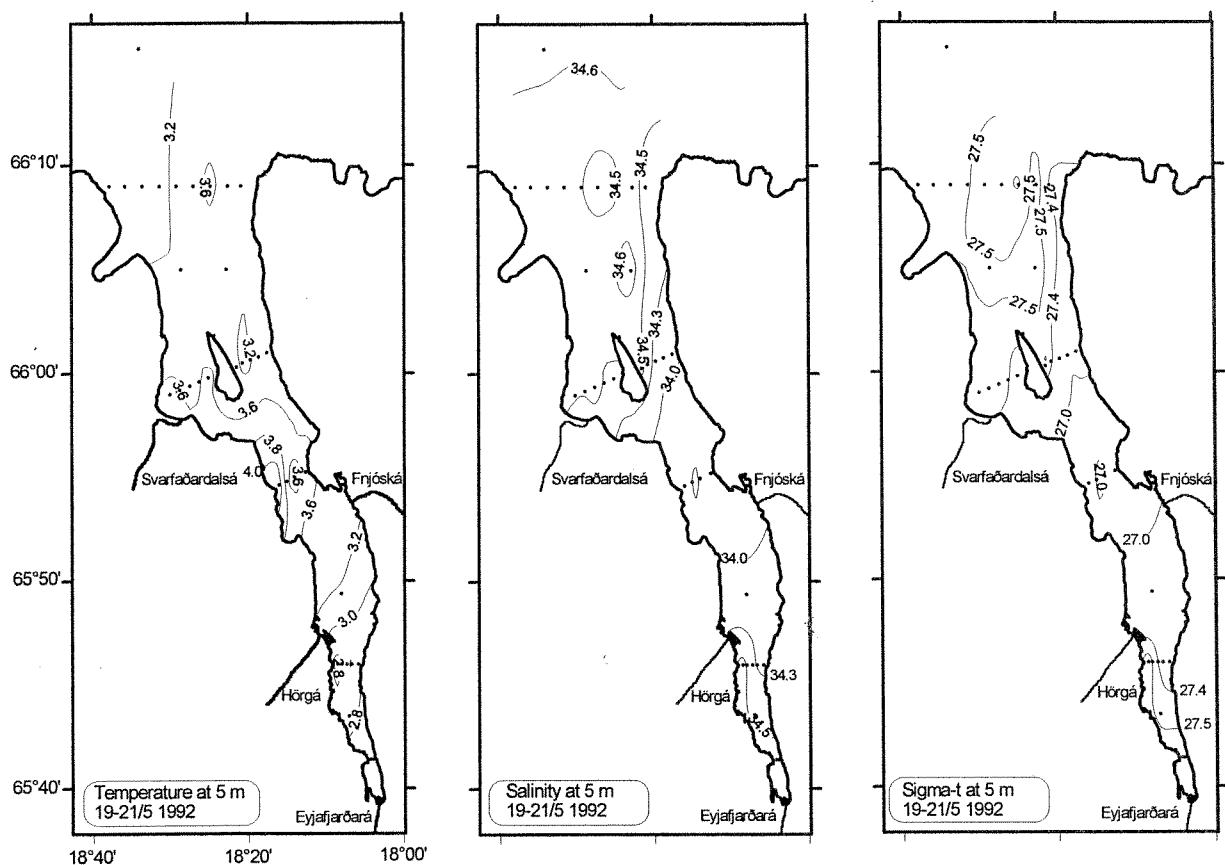


Figure 5.11.2. Horizontal sections of temperature, salinity and sigma-t.

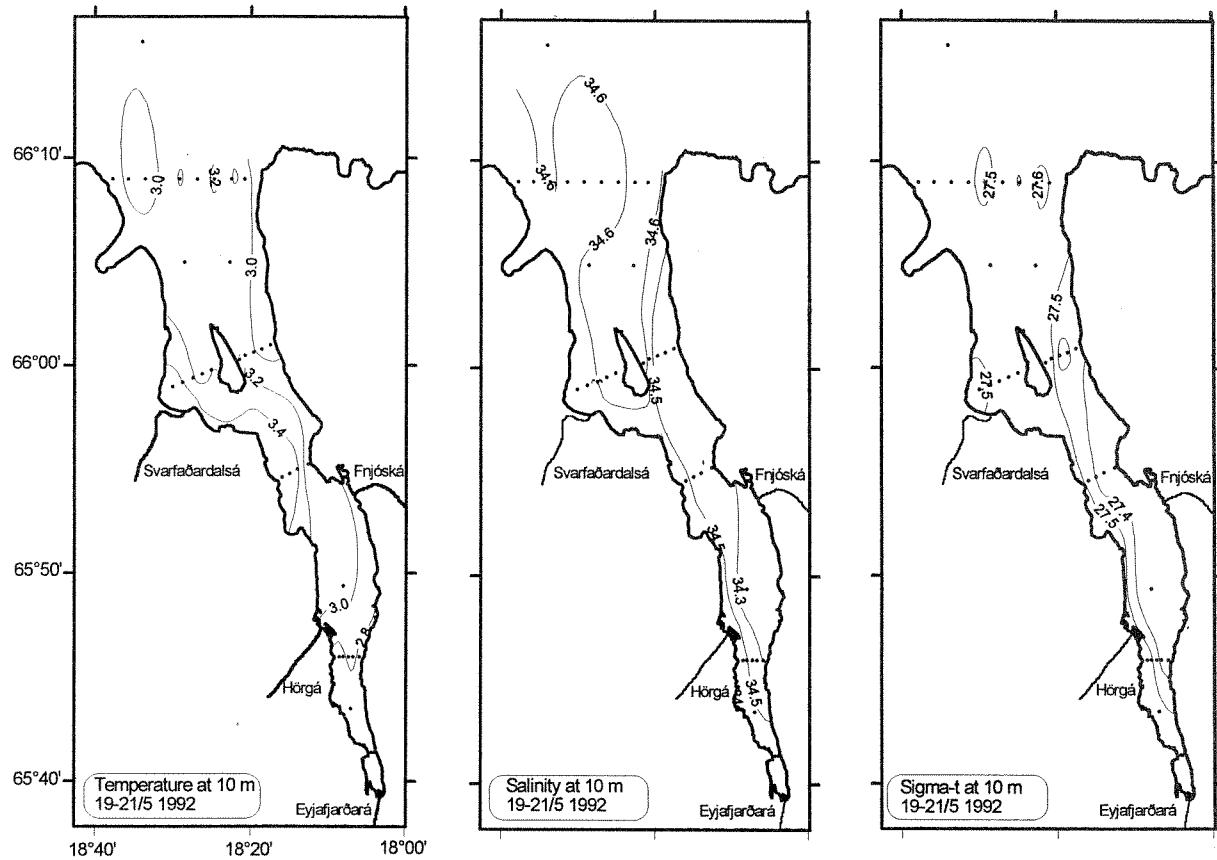


Figure 5.11.3. Horizontal sections of temperature, salinity and sigma-t.

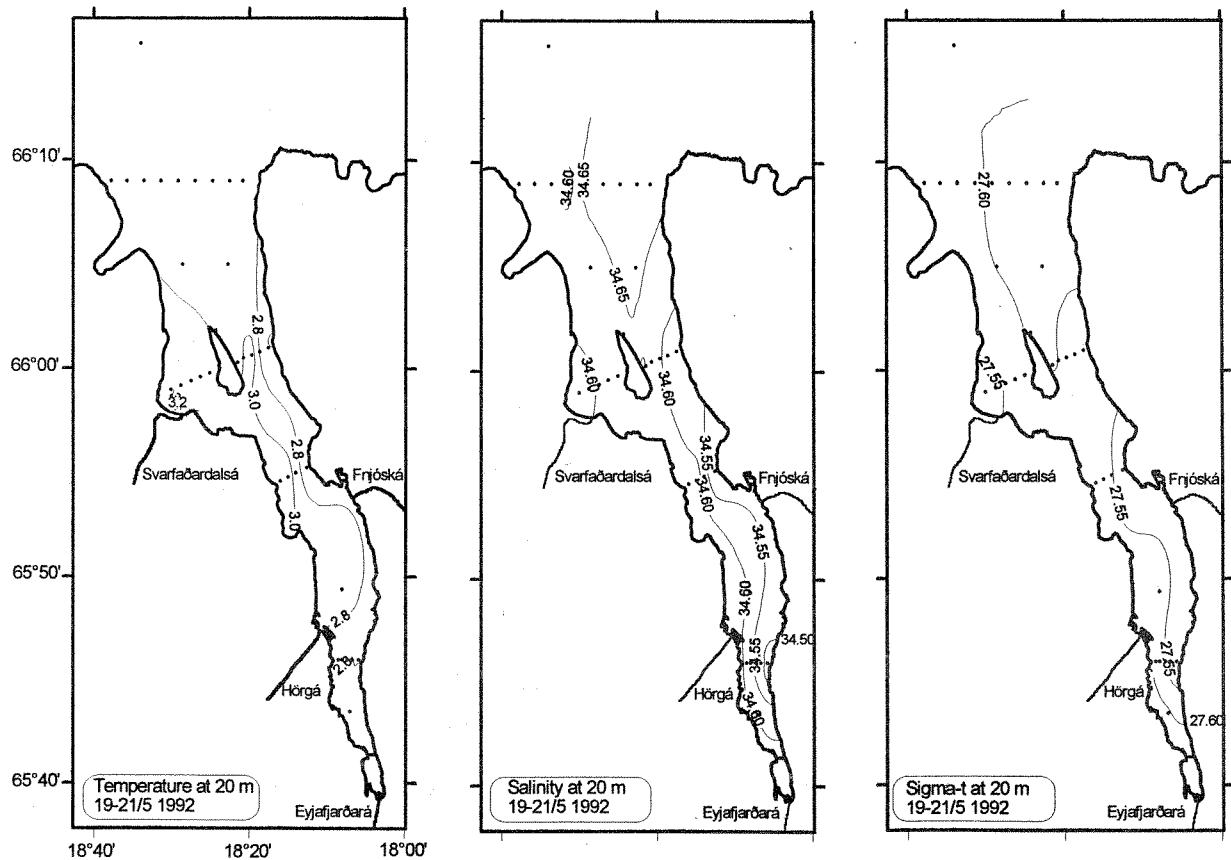


Figure 5.11.4. Horizontal sections of temperature, salinity and sigma-t.

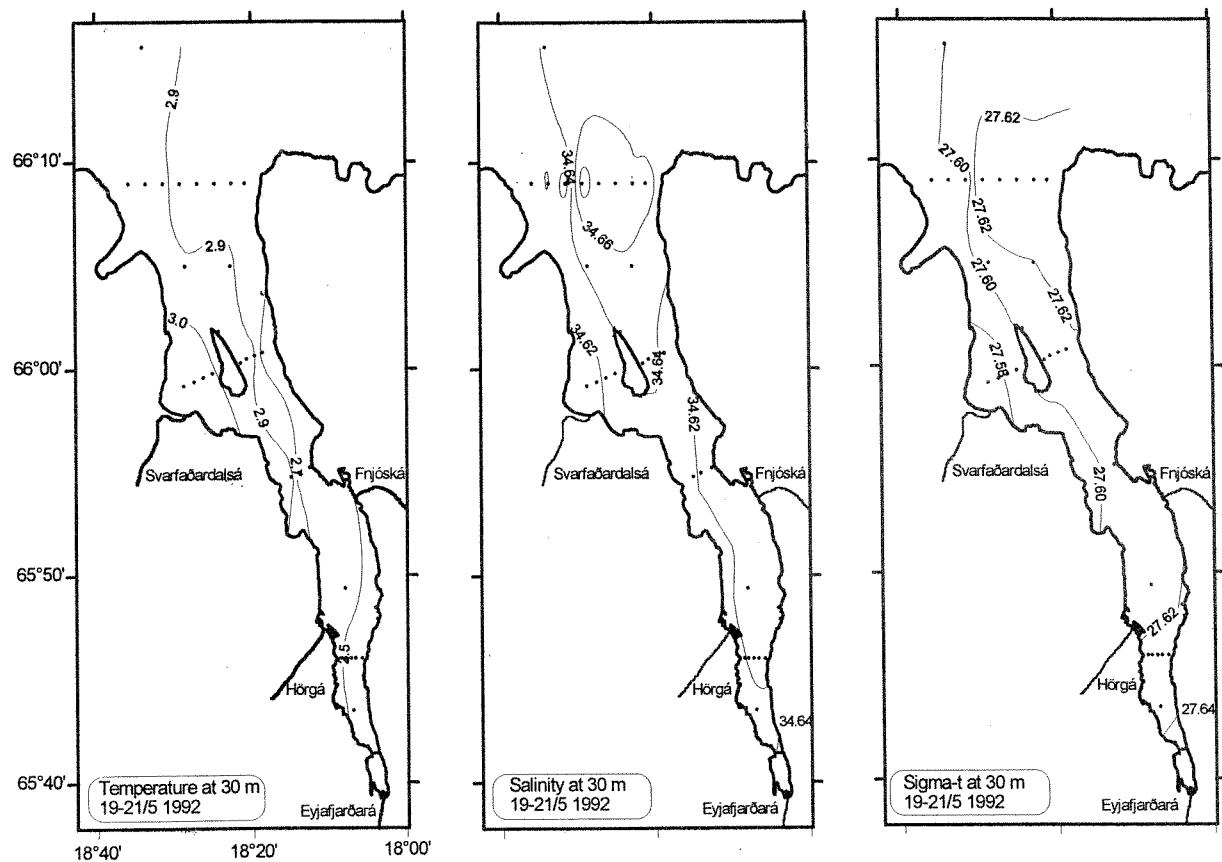


Figure 5.11.5. Horizontal sections of temperature, salinity and sigma-t.

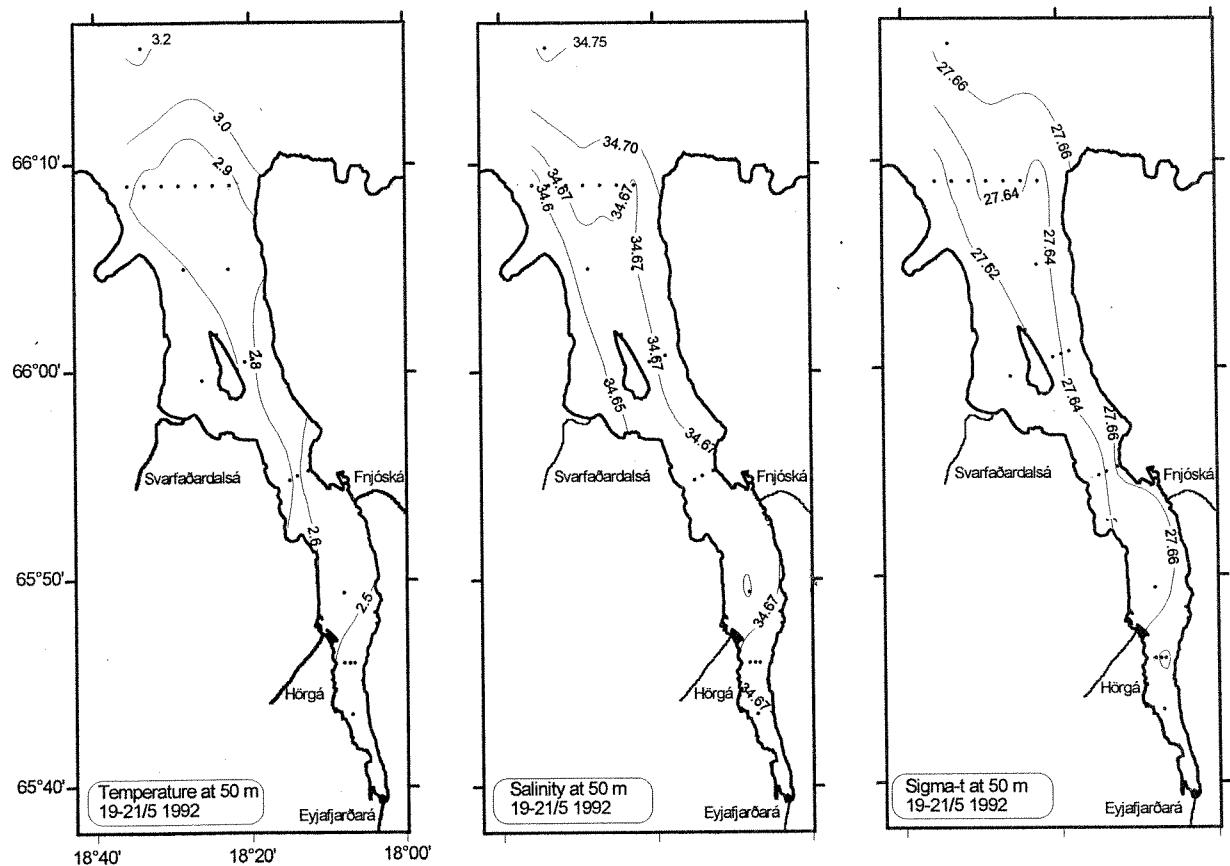


Figure 5.11.6. Horizontal sections of temperature, salinity and sigma-t.

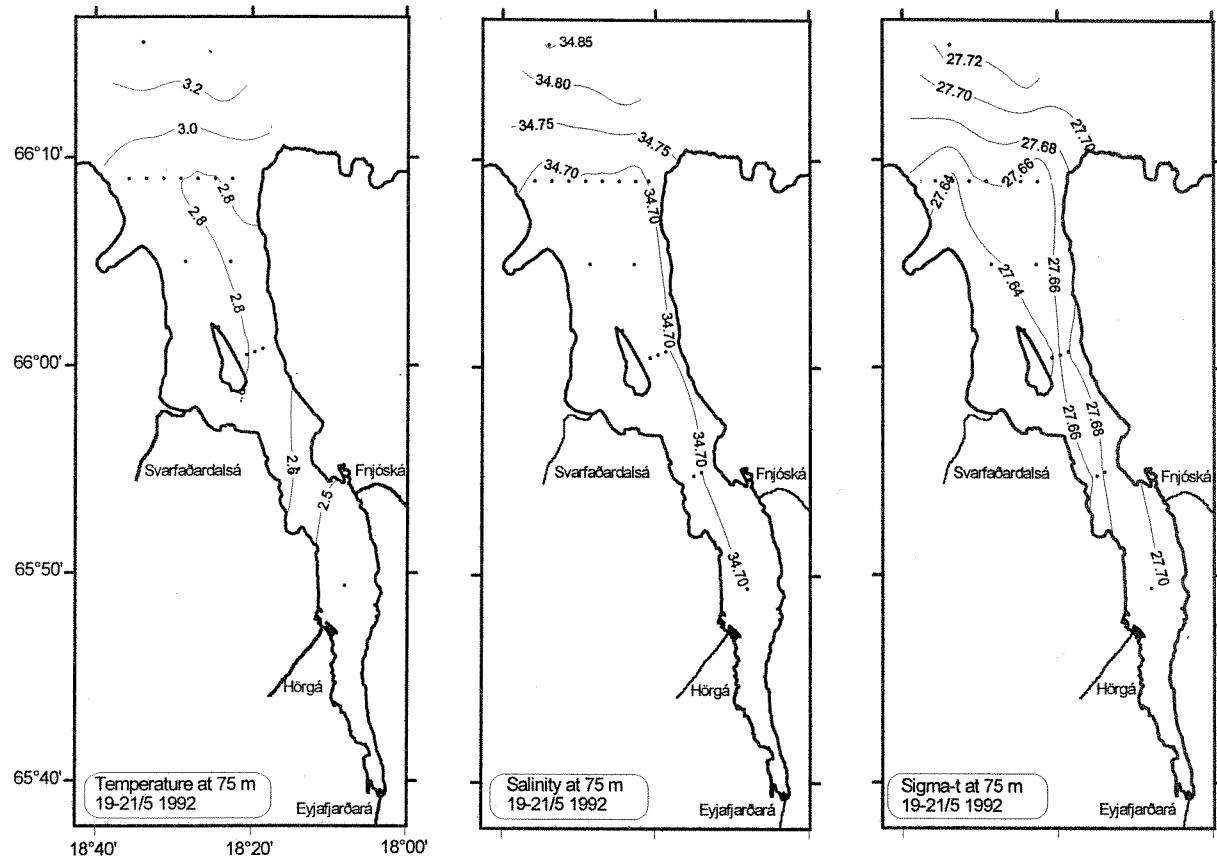


Figure 5.11.7. Horizontal sections of temperature, salinity and sigma-t.

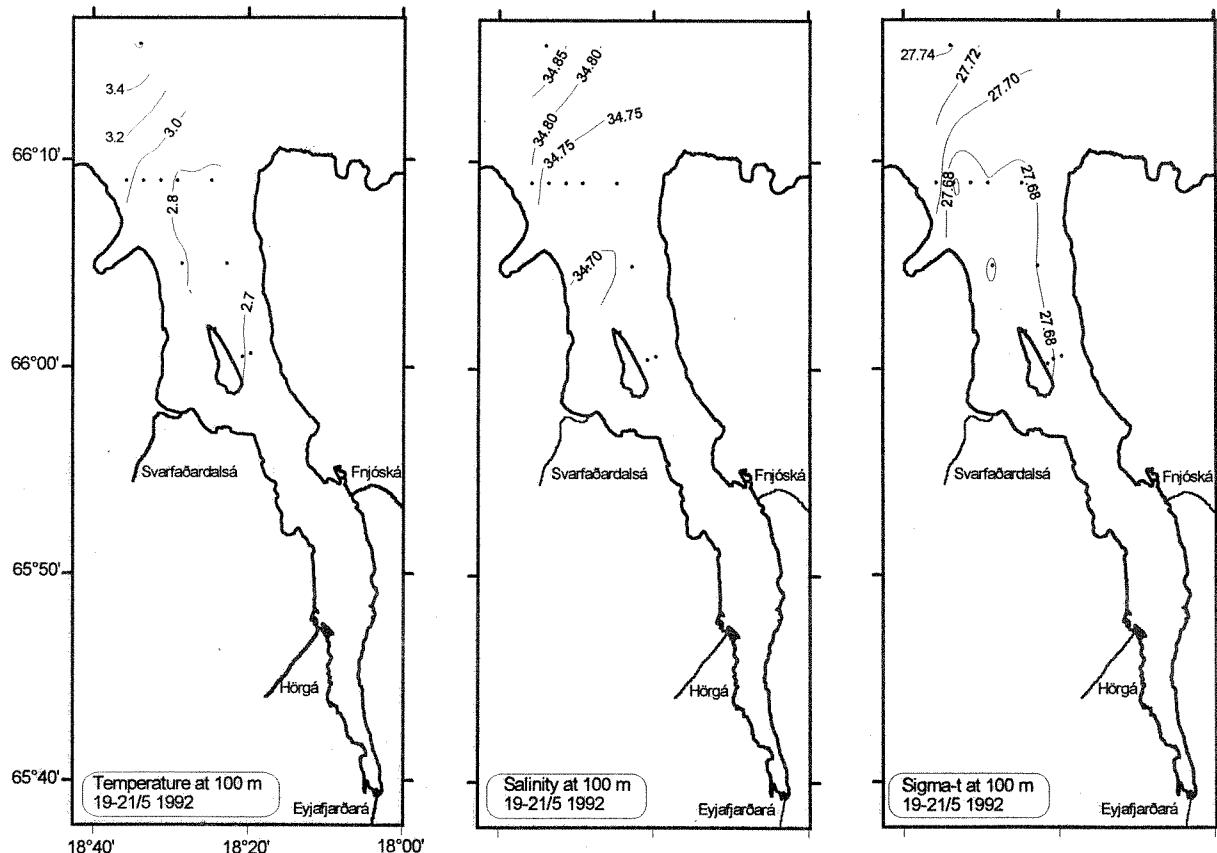


Figure 5.11.8. Horizontal sections of temperature, salinity and sigma-t.

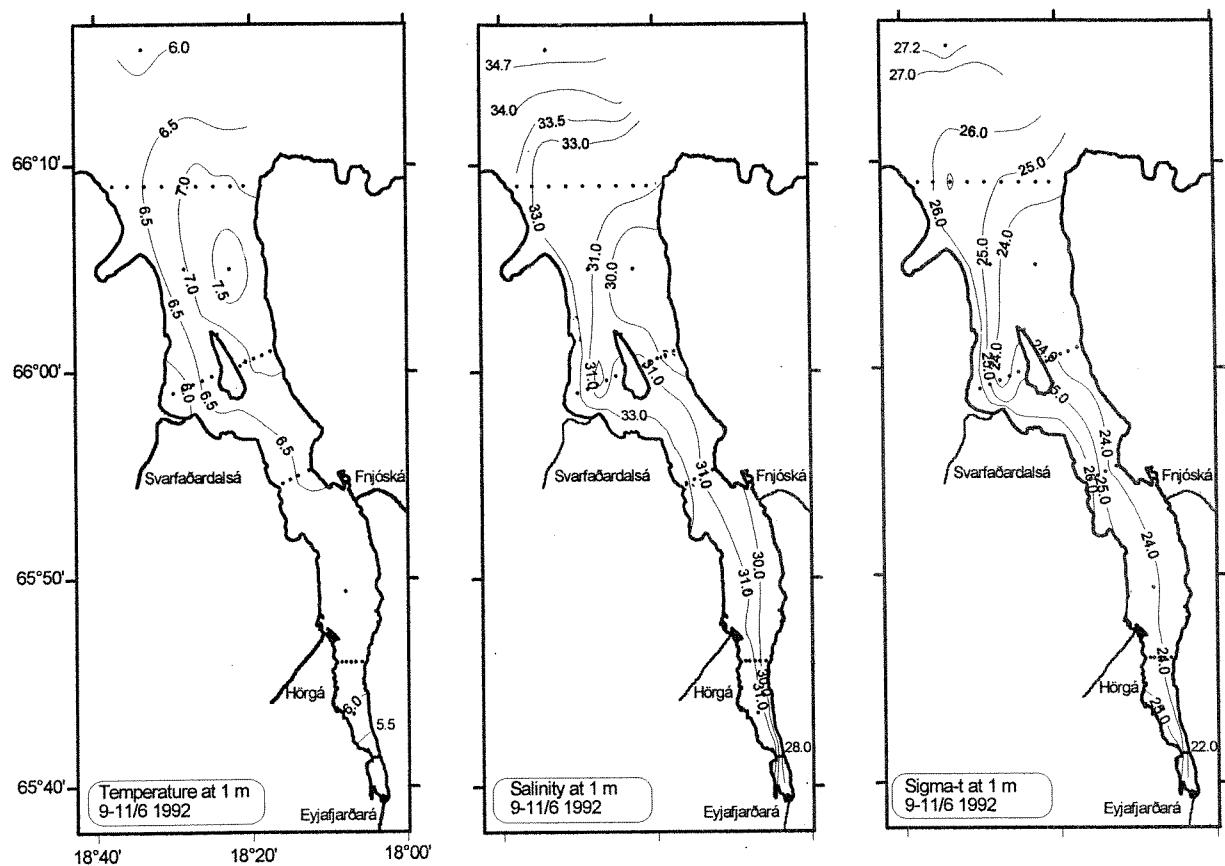


Figure 5.12.1. Horizontal sections of temperature, salinity and sigma-t.

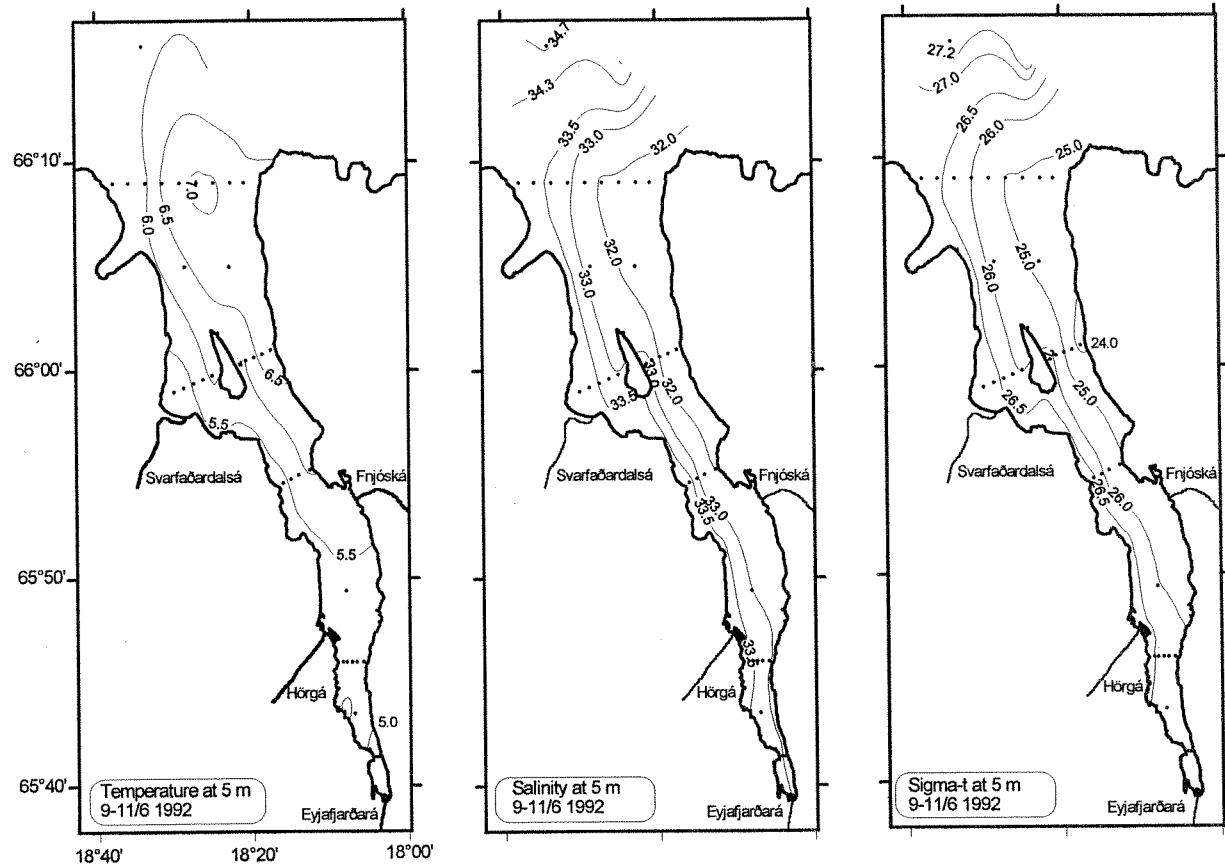


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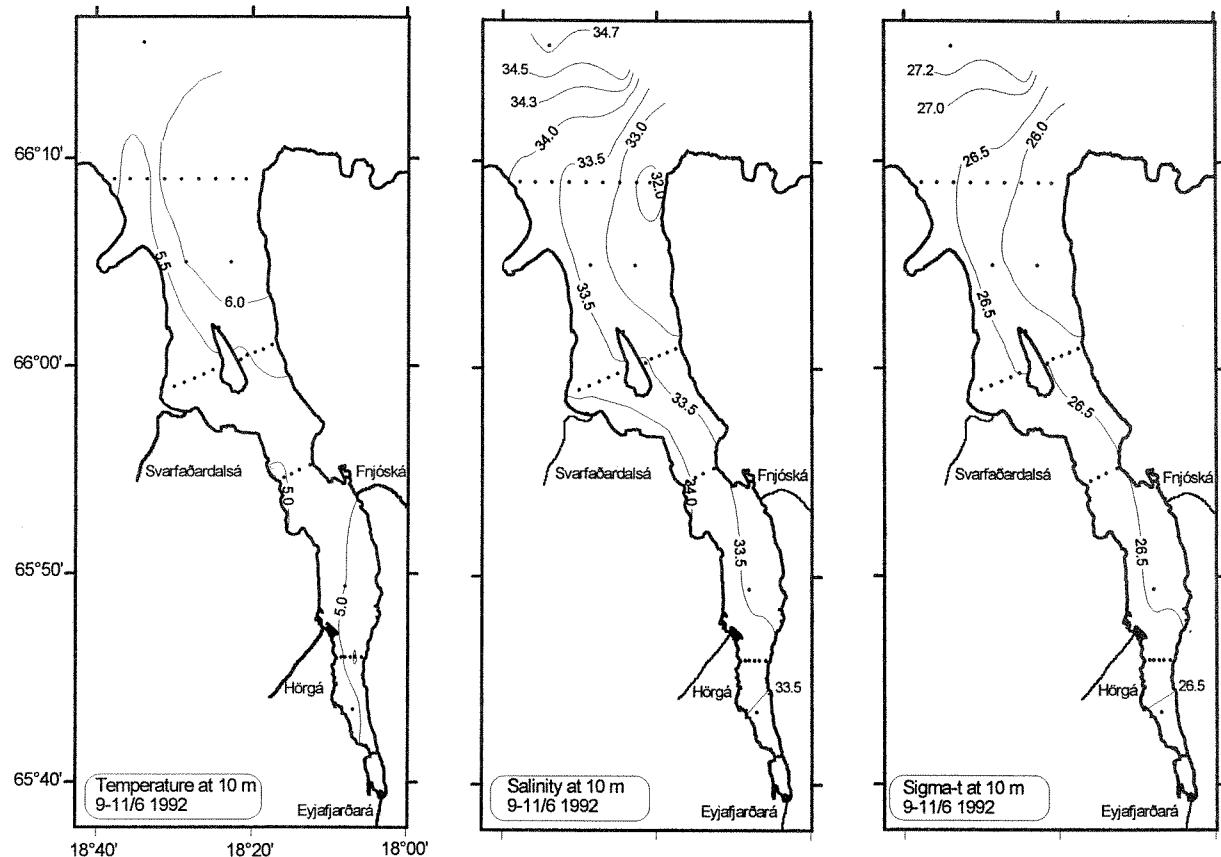


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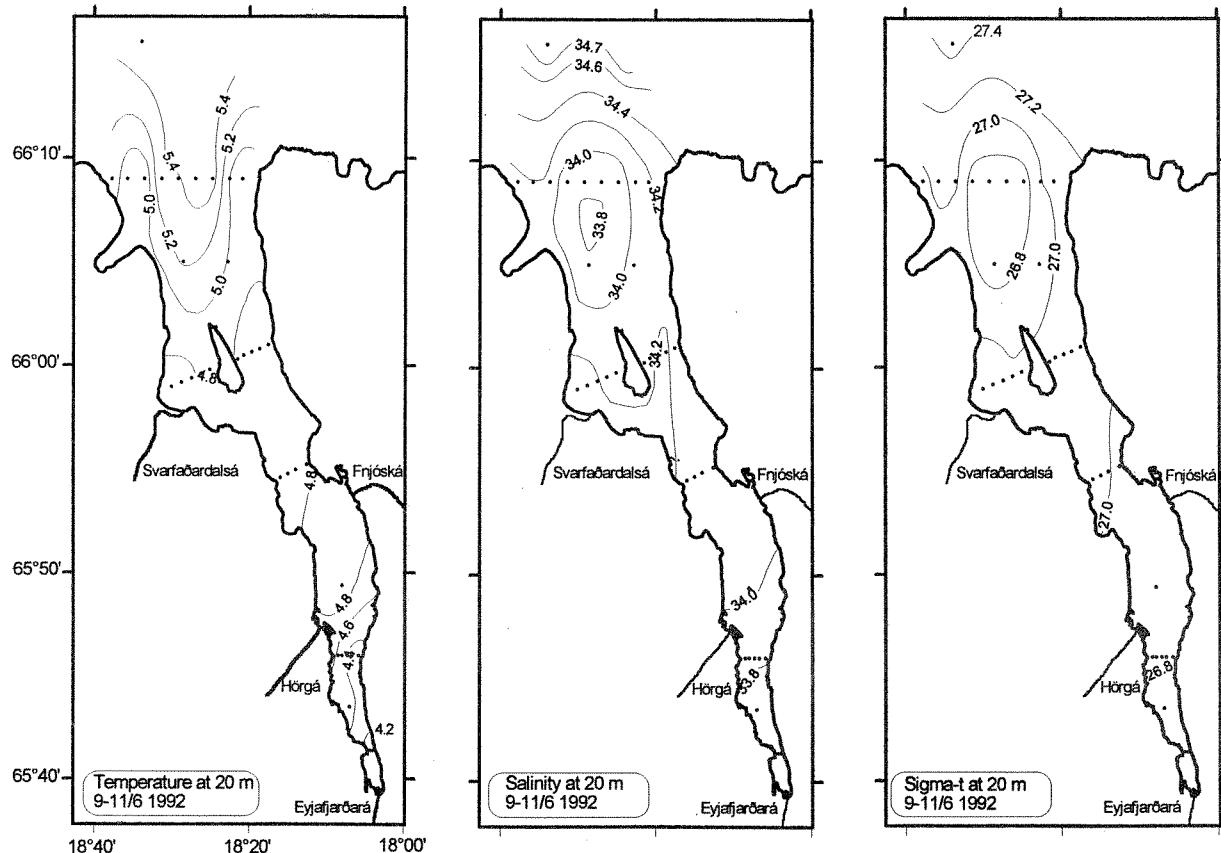


Figure 5.12.4. Horizontal sections of temperature, salinity and sigma-t.

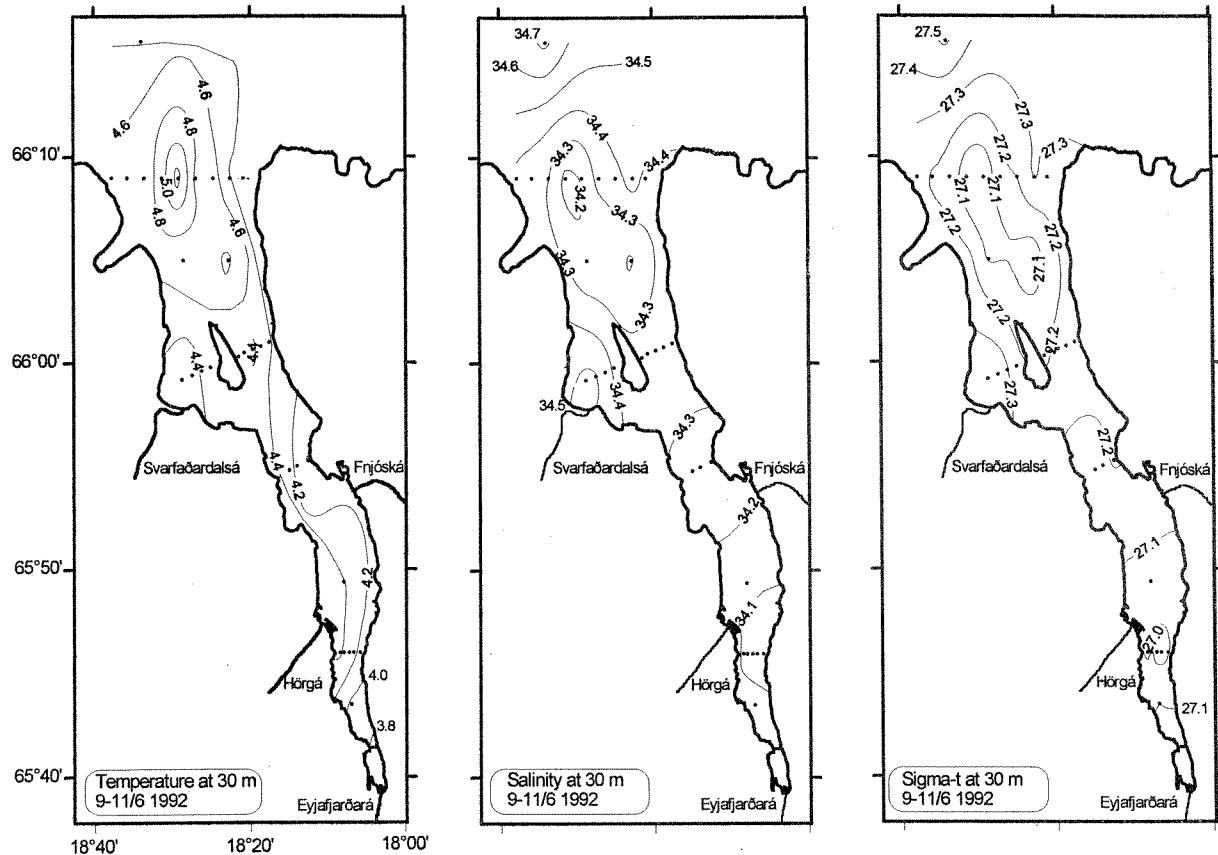


Figure 5.12.5. Horizontal sections of temperature, salinity and sigma-t.

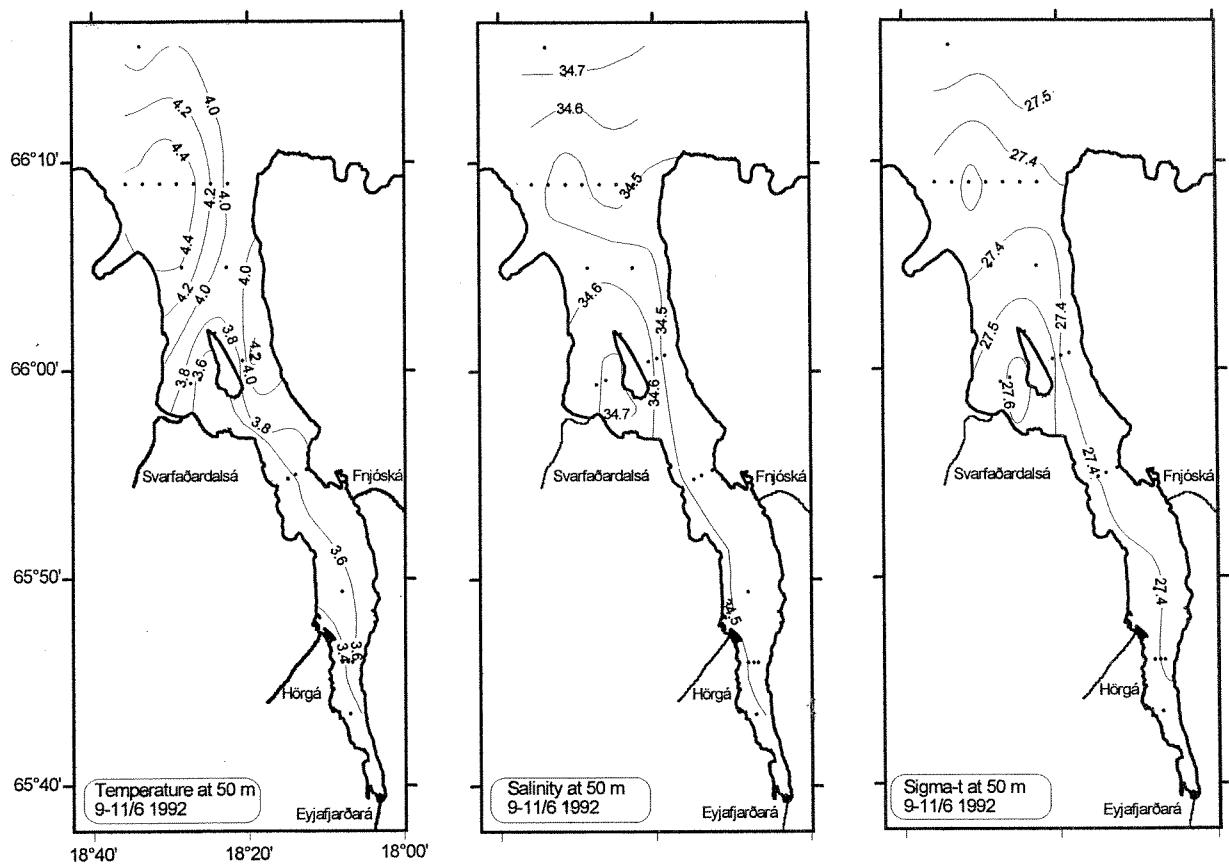


Figure 5.12.6. Horizontal sections of temperature, salinity and sigma-t.

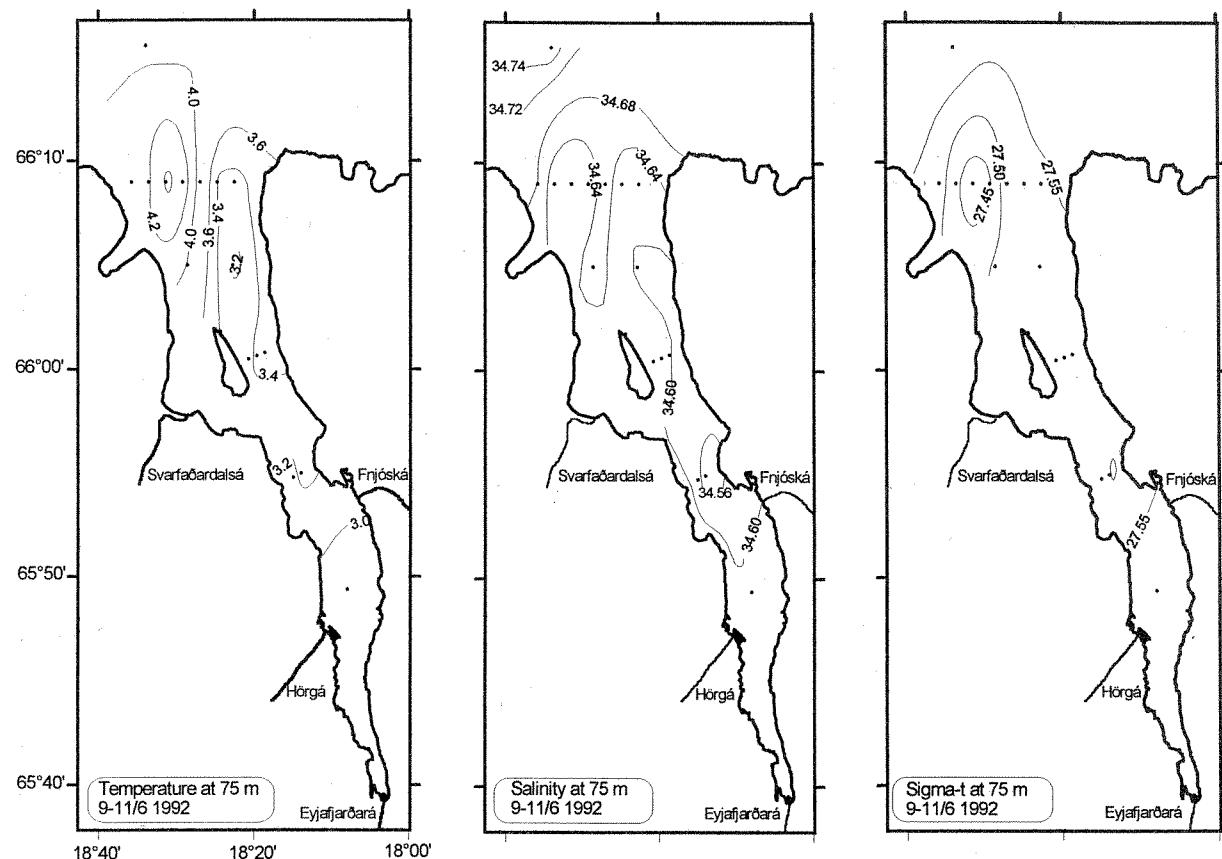


Figure 5.12.7. Horizontal sections of temperature, salinity and sigma-t.

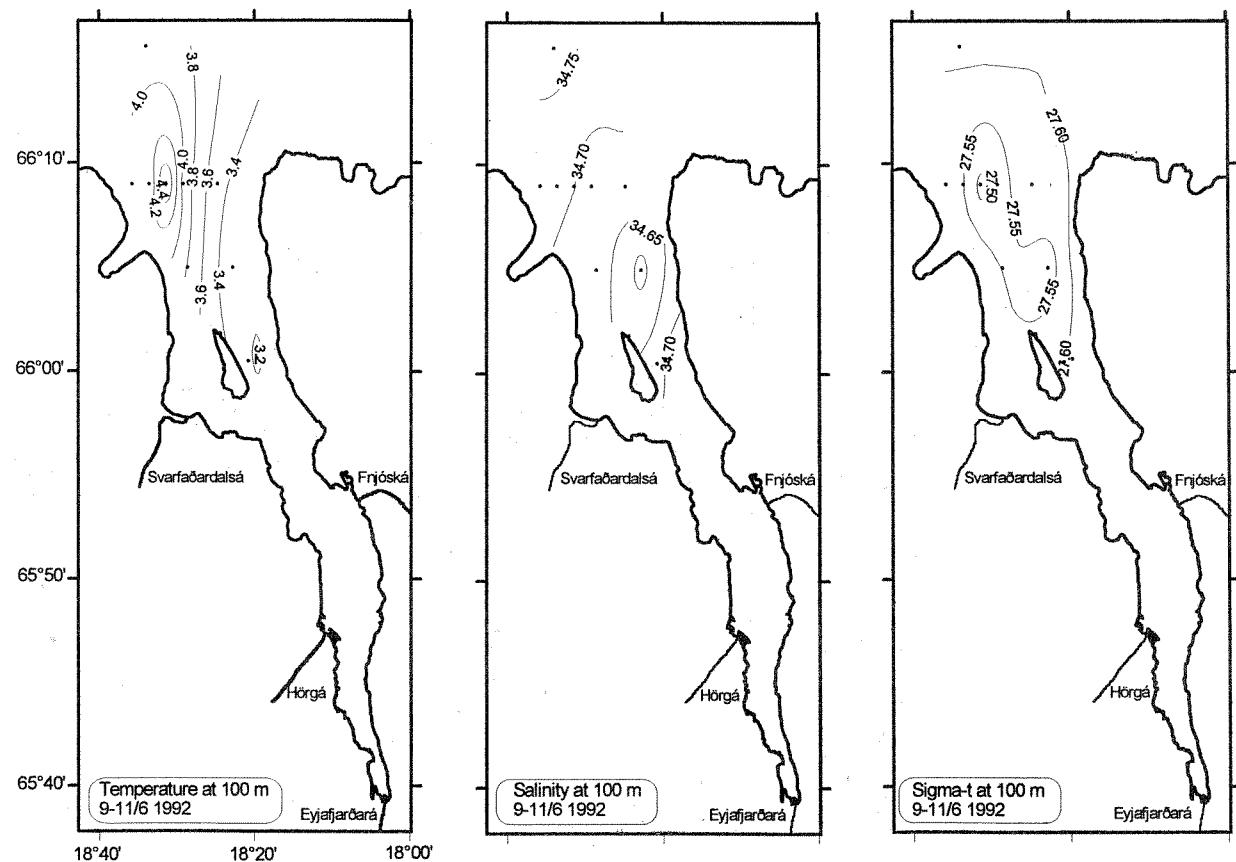


Figure 5.12.8. Horizontal sections of temperature, salinity and sigma-t.

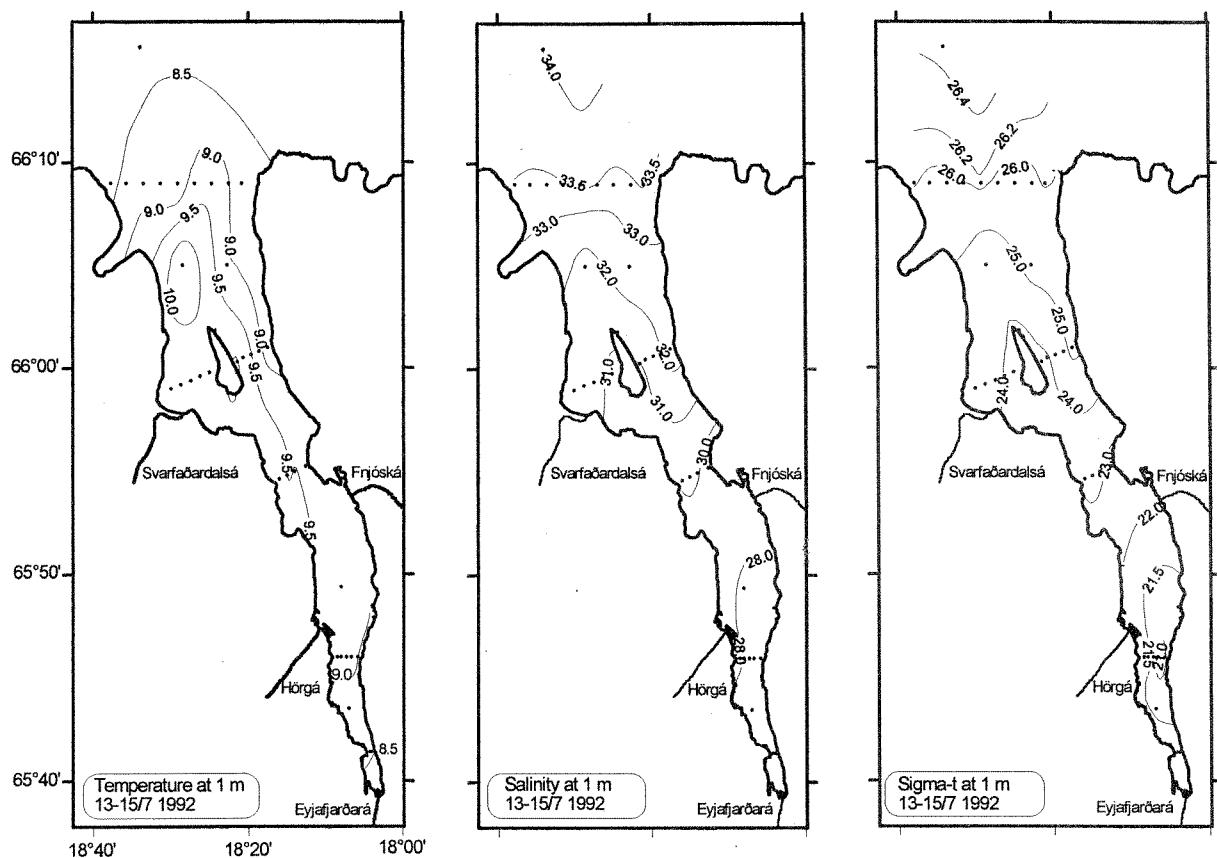


Figure 5.13.1. Horizontal sections of temperature, salinity and sigma-t.

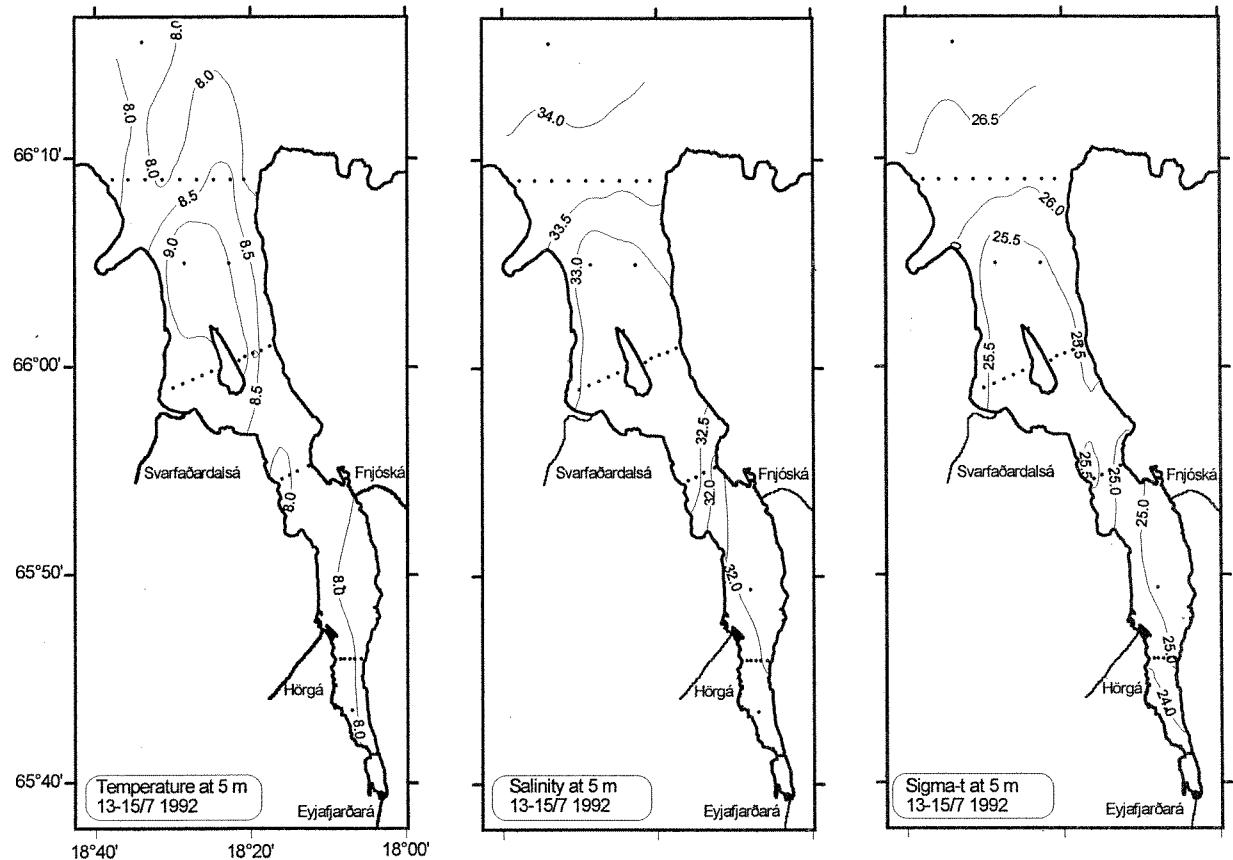


Figure 5.13.2. Horizontal sections of temperature, salinity and sigma-t.

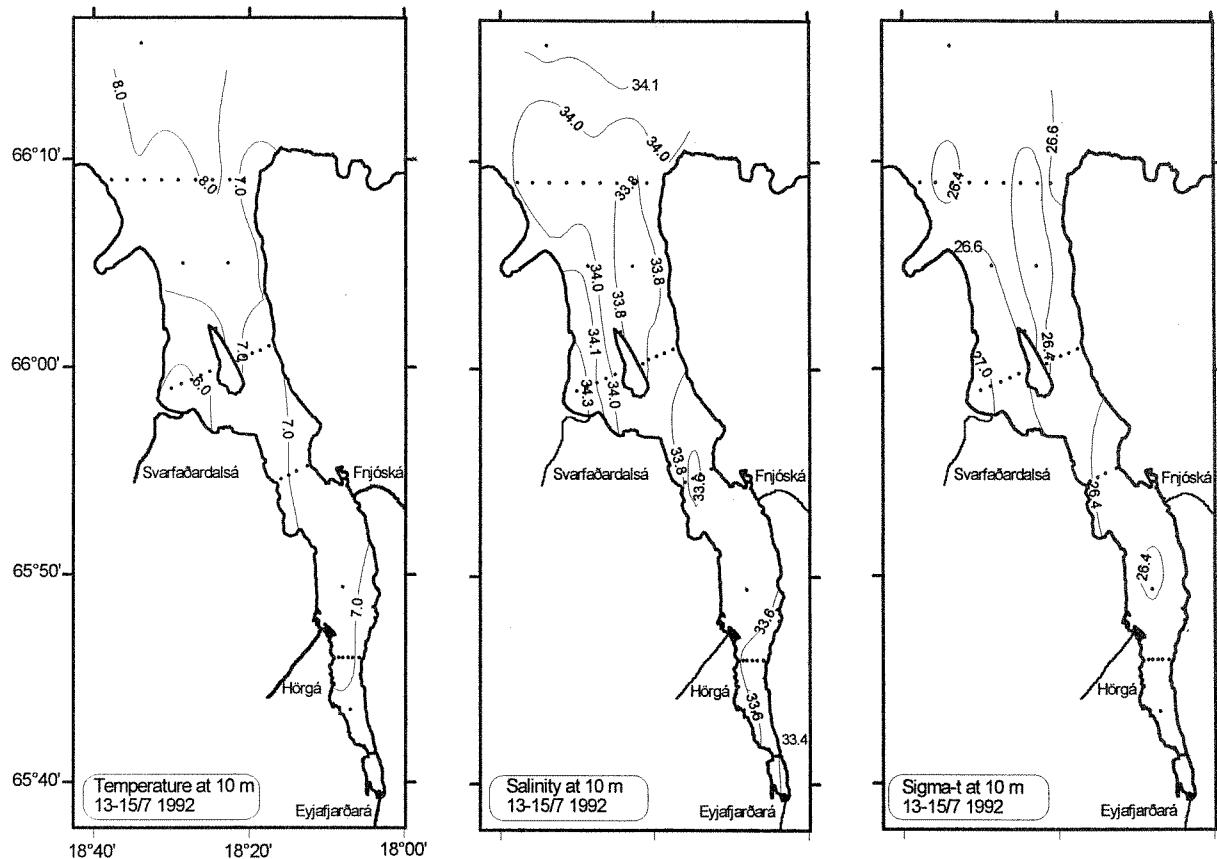


Figure 5.13.3. Horizontal sections of temperature, salinity and sigma-t.

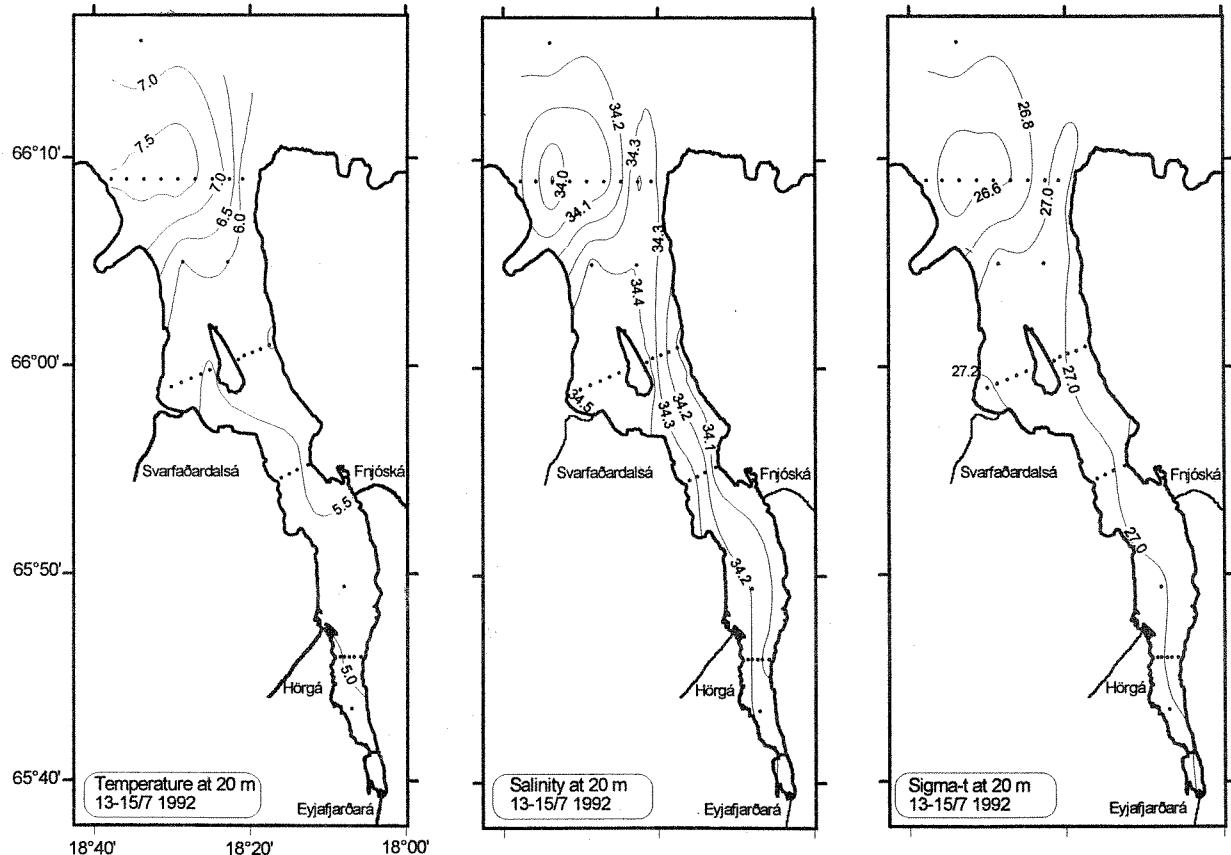


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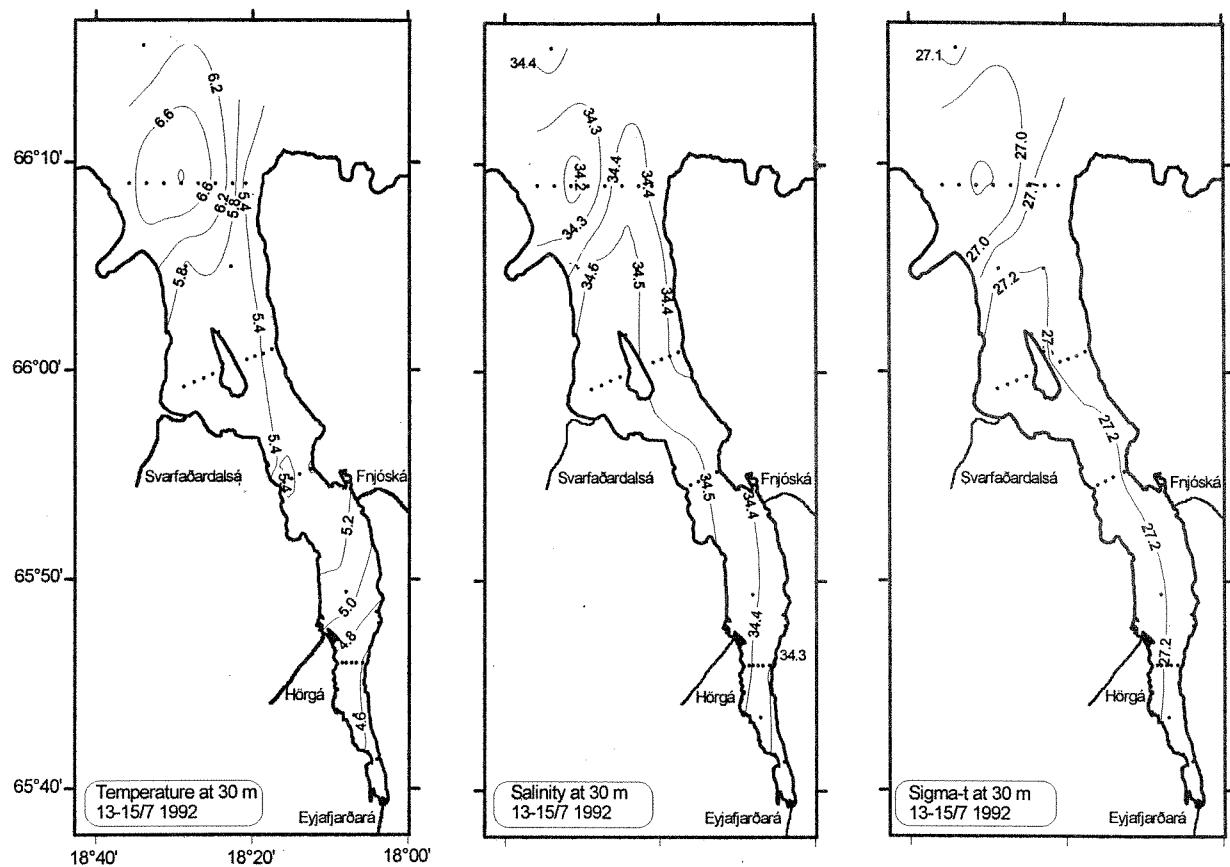


Figure 5.13.5. Horizontal sections of temperature, salinity and sigma-t.

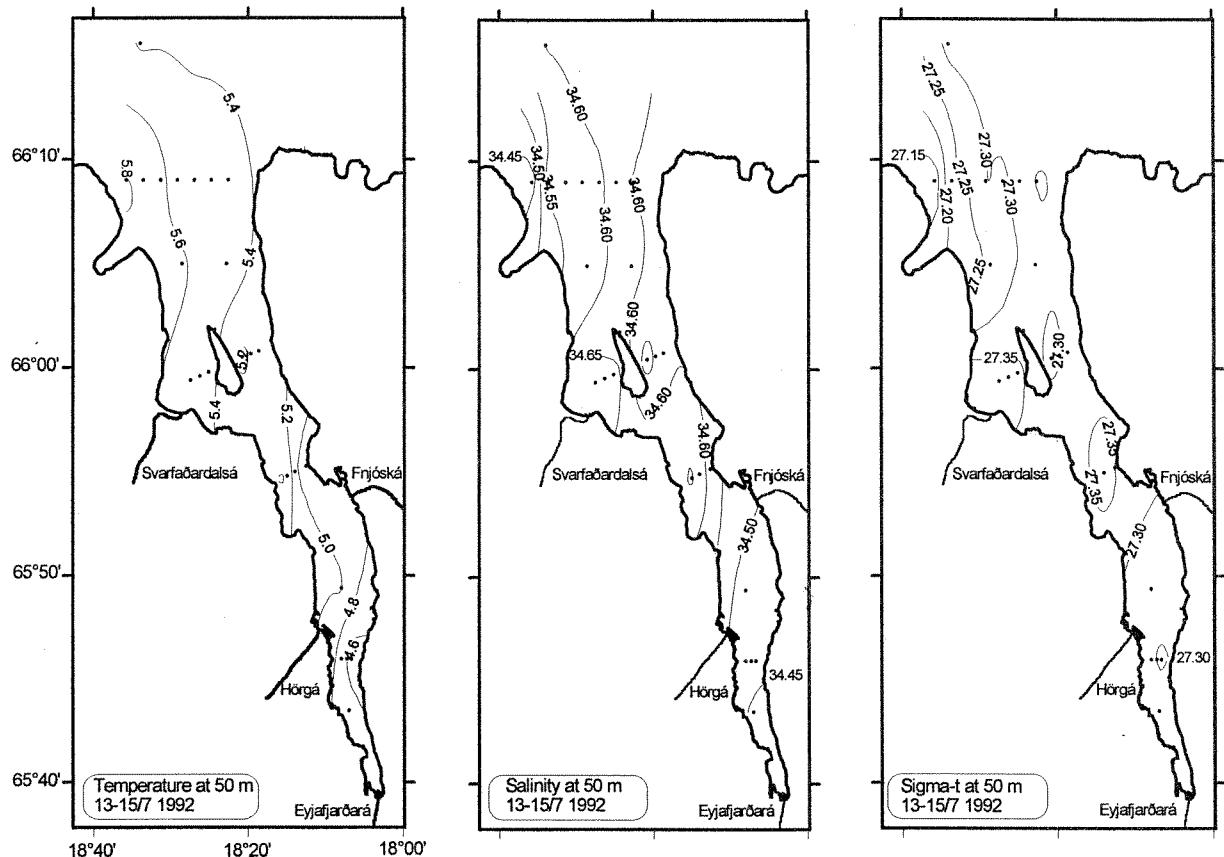


Figure 5.13.6. Horizontal sections of temperature, salinity and sigma-t.

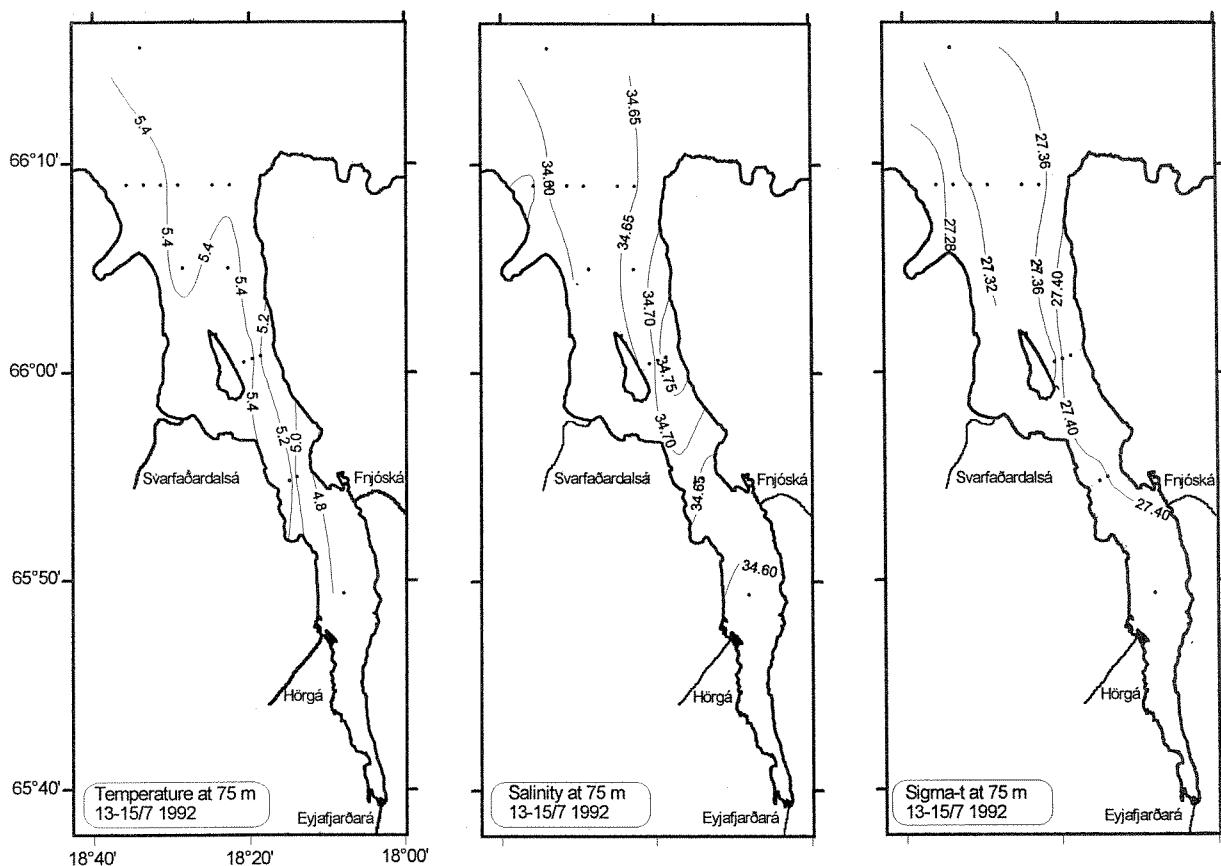


Figure 5.13.7. Horizontal sections of temperature, salinity and sigma-t.

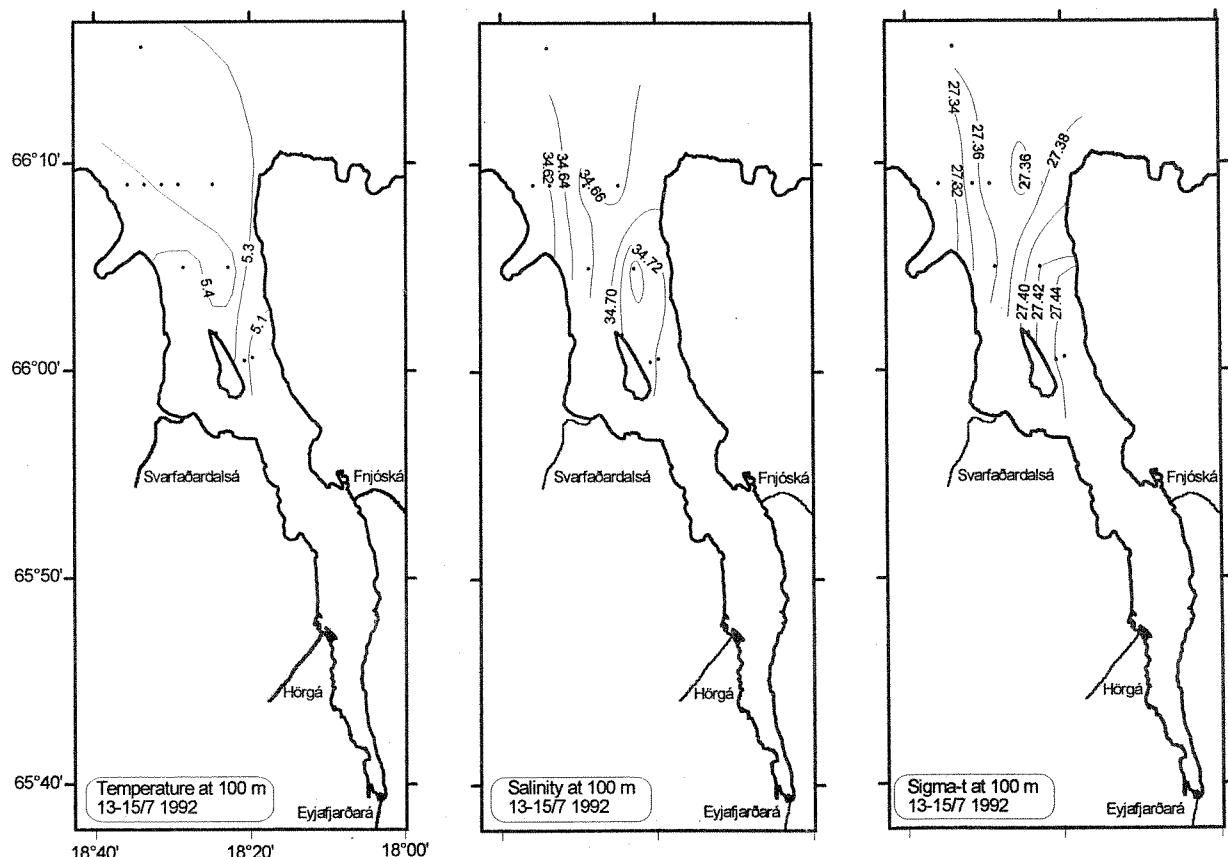


Figure 5.13.8. Horizontal sections of temperature, salinity and sigma-t.

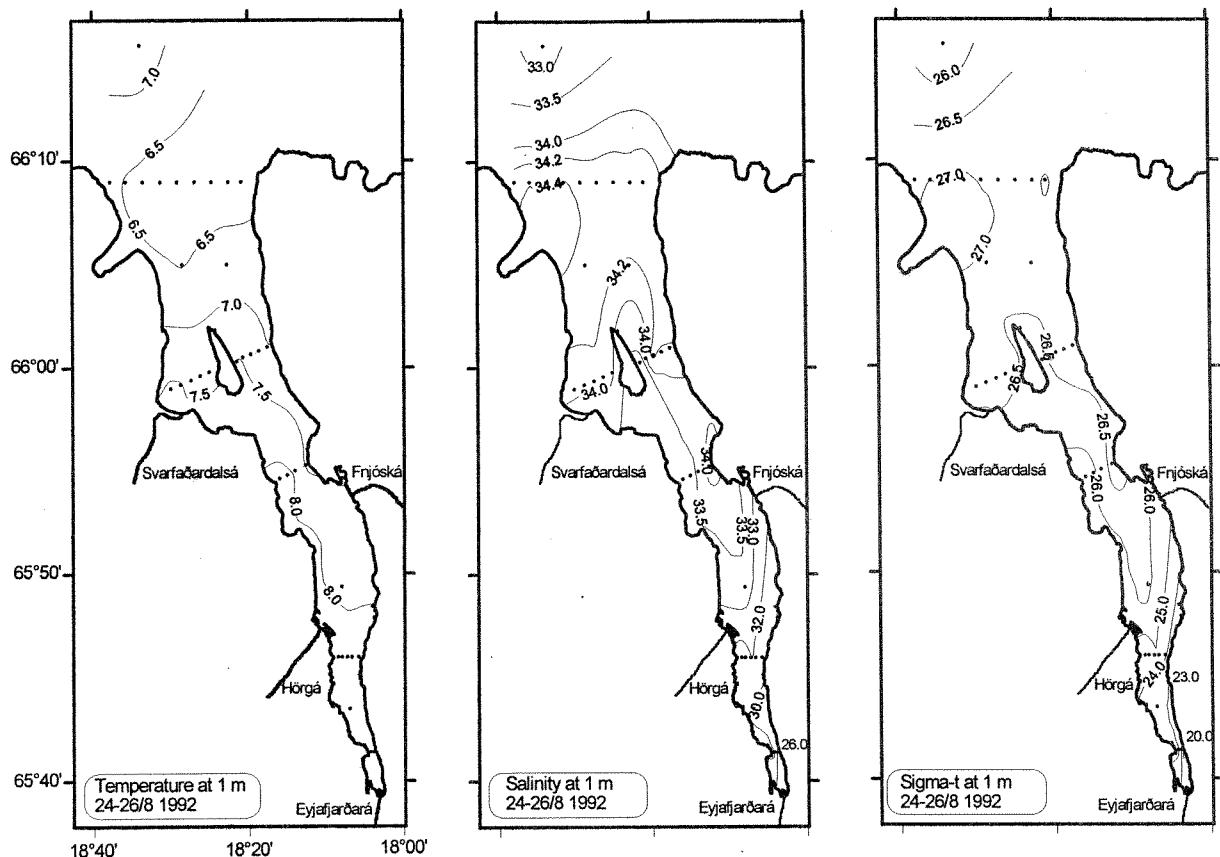


Figure 5.14.1. Horizontal sections of temperature, salinity and sigma-t.

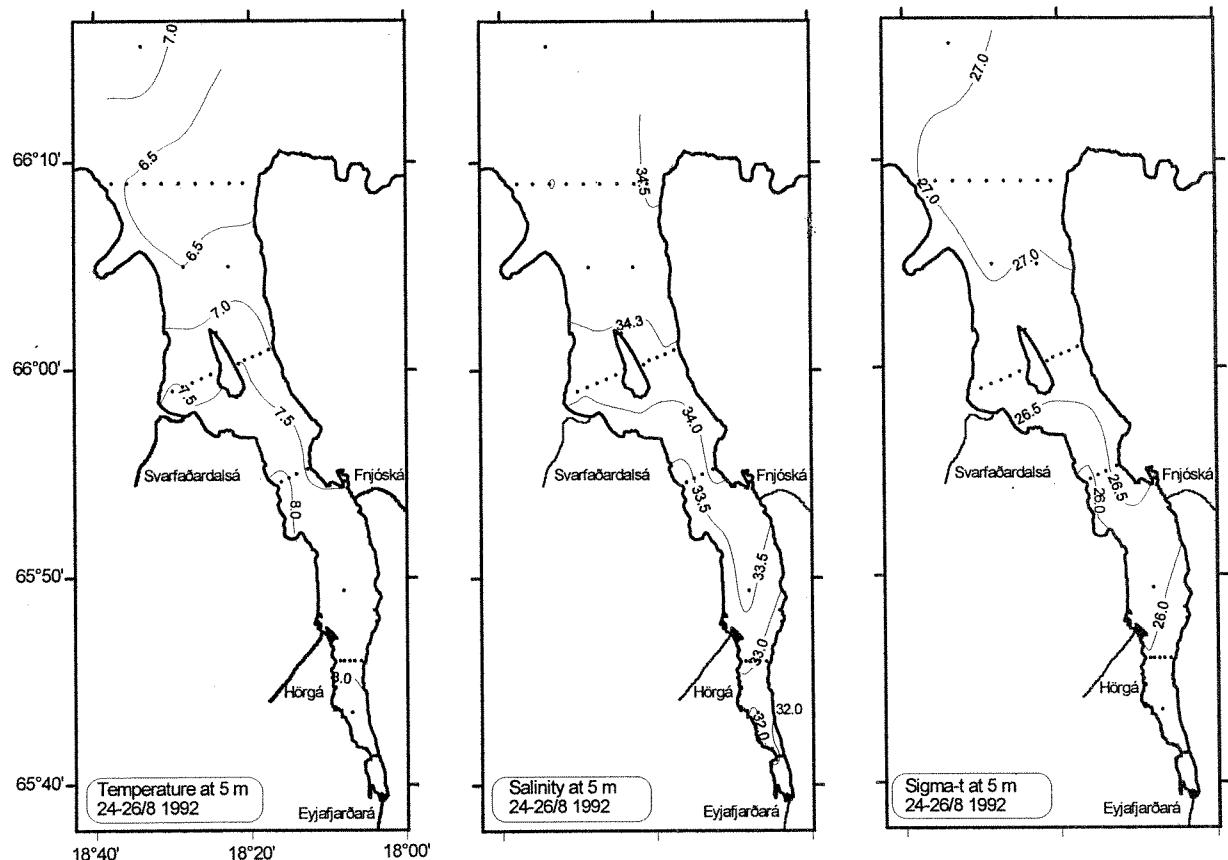


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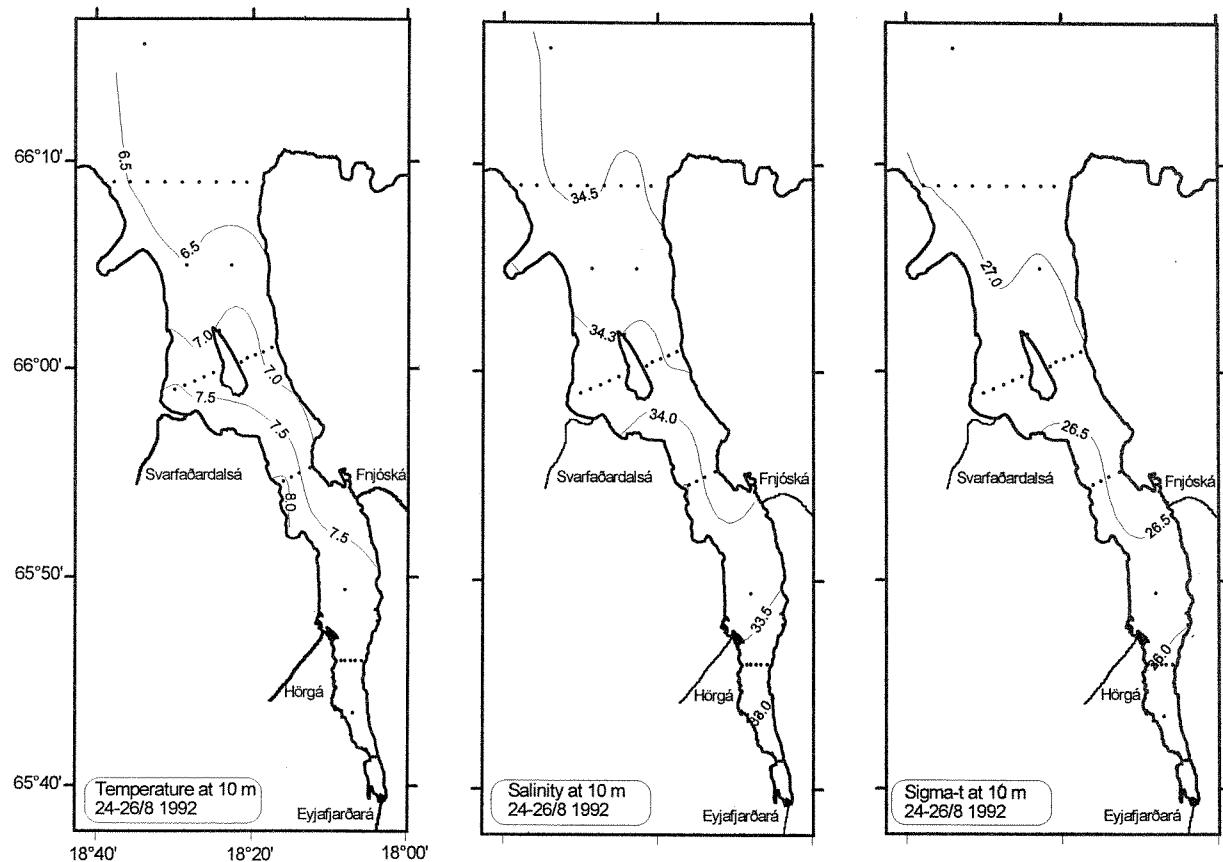


Figure 5.14.3. Horizontal sections of temperature, salinity and sigma-t.

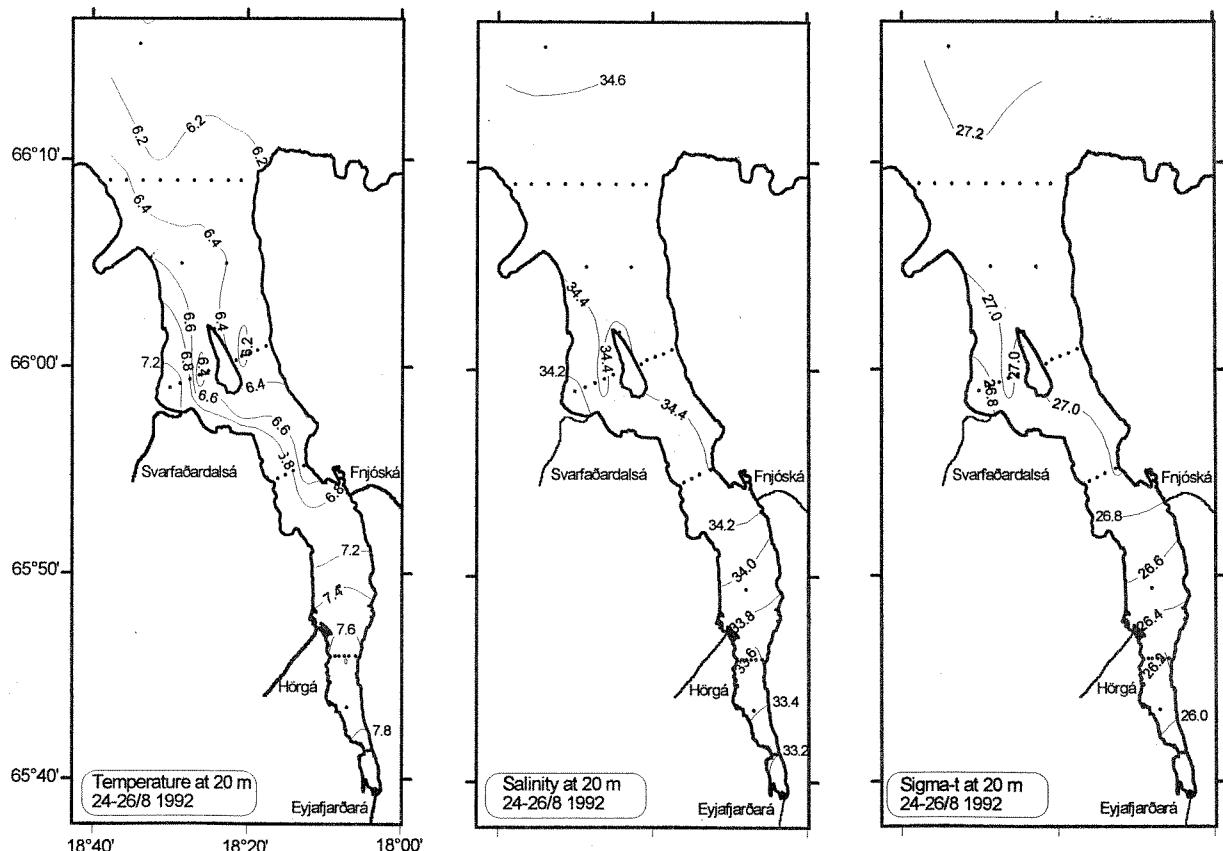


Figure 5.14.4. Horizontal sections of temperature, salinity and sigma-t.

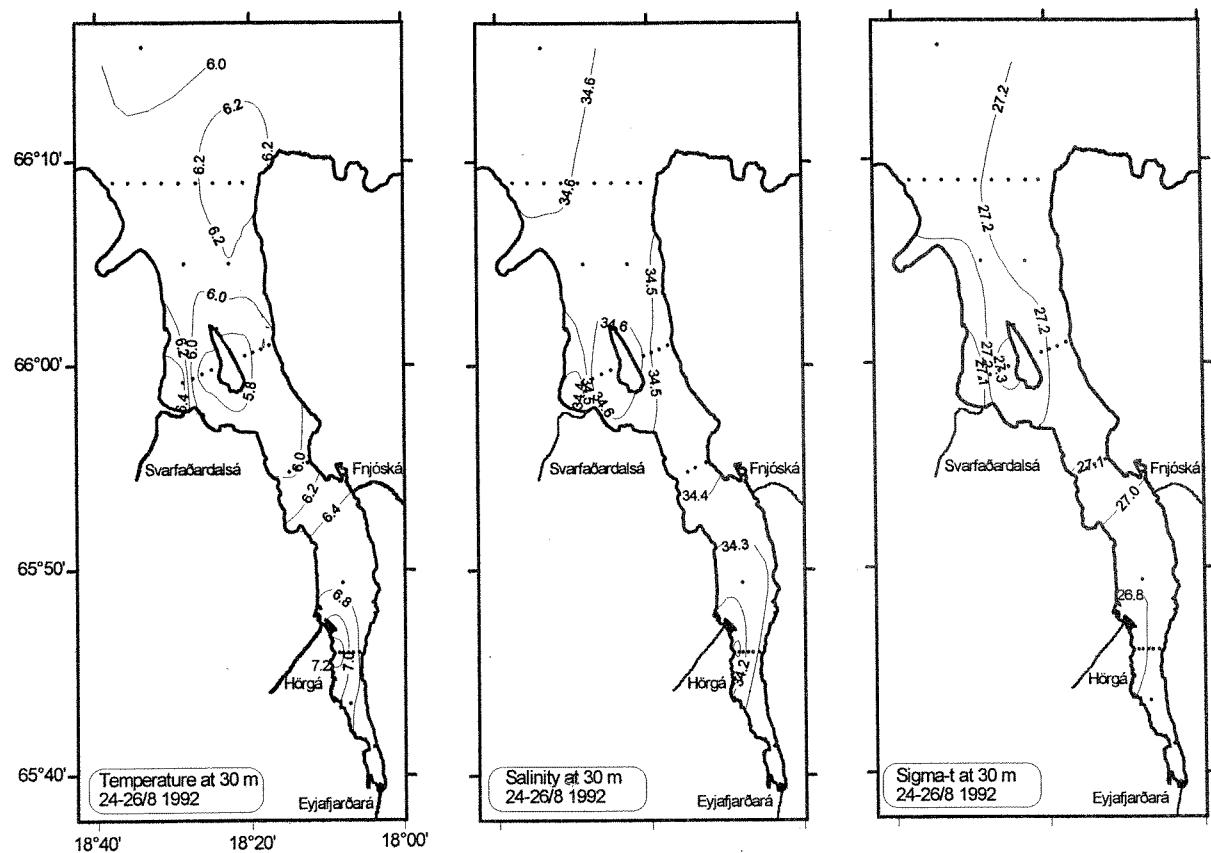


Figure 5.14.5. Horizontal sections of temperature, salinity and sigma-t.

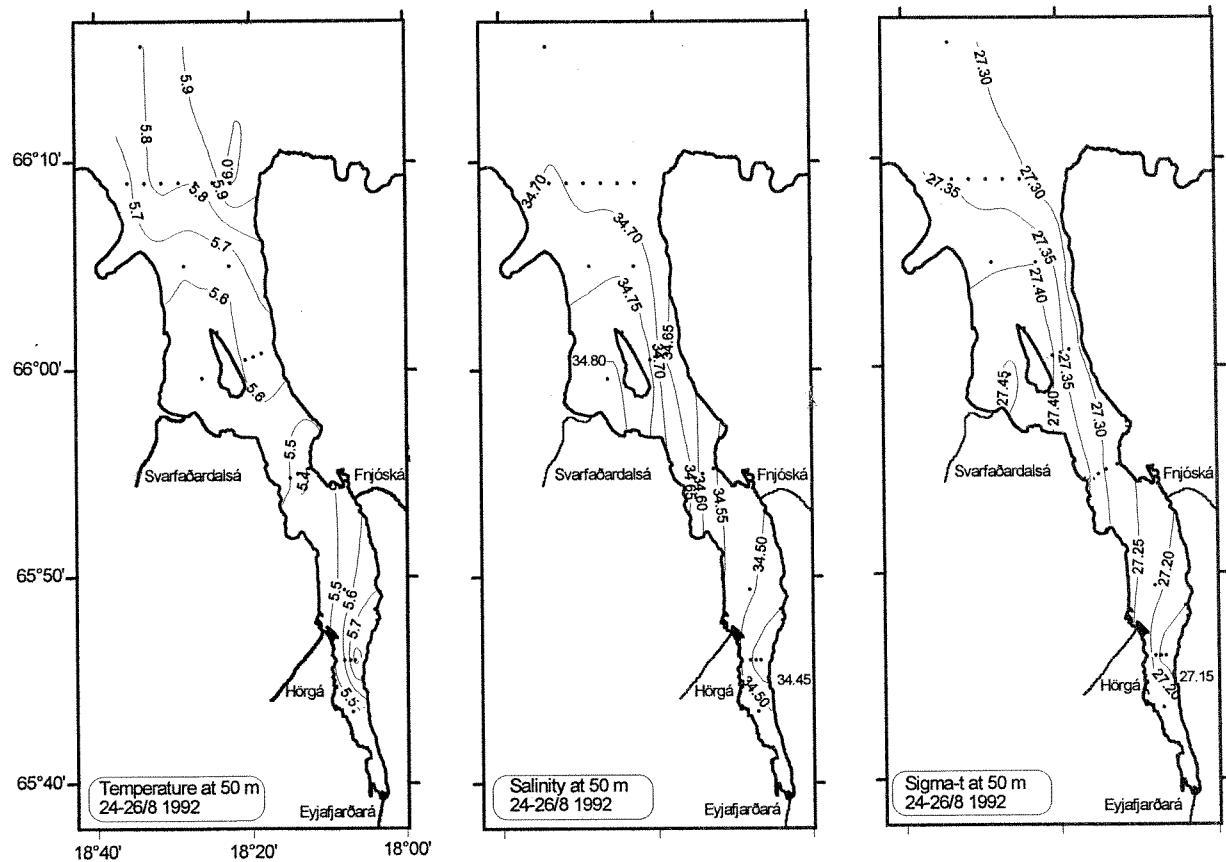


Figure 5.14.6. Horizontal sections of temperature, salinity and sigma-t.

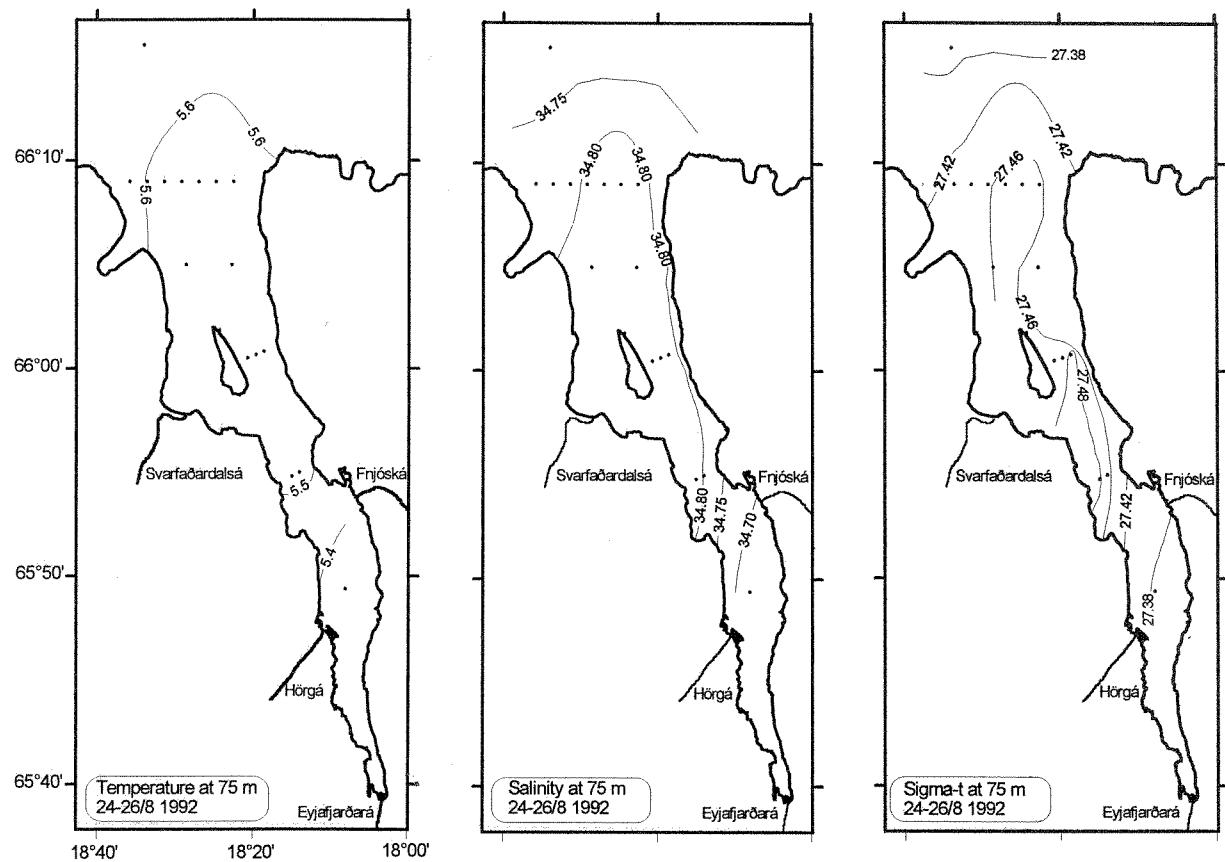


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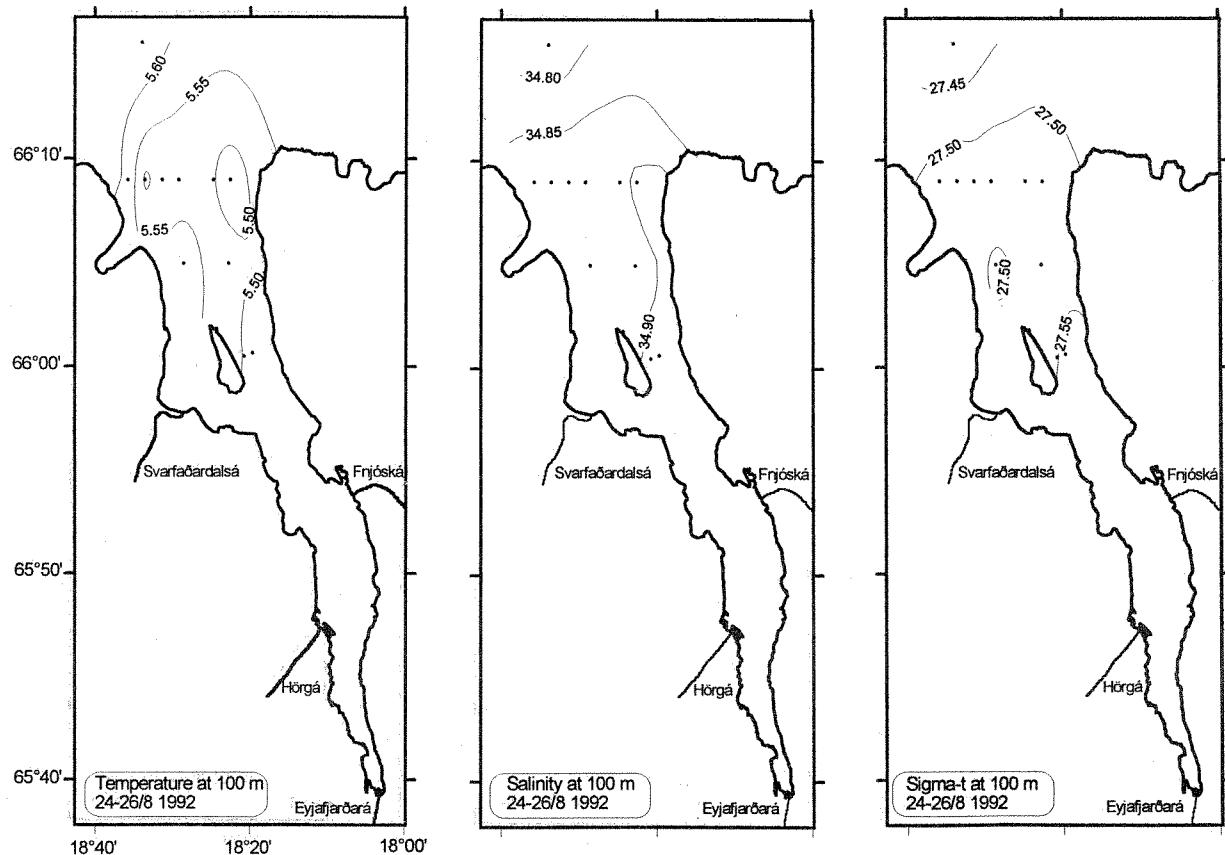


Figure 5.14.8. Horizontal sections of temperature, salinity and sigma-t.

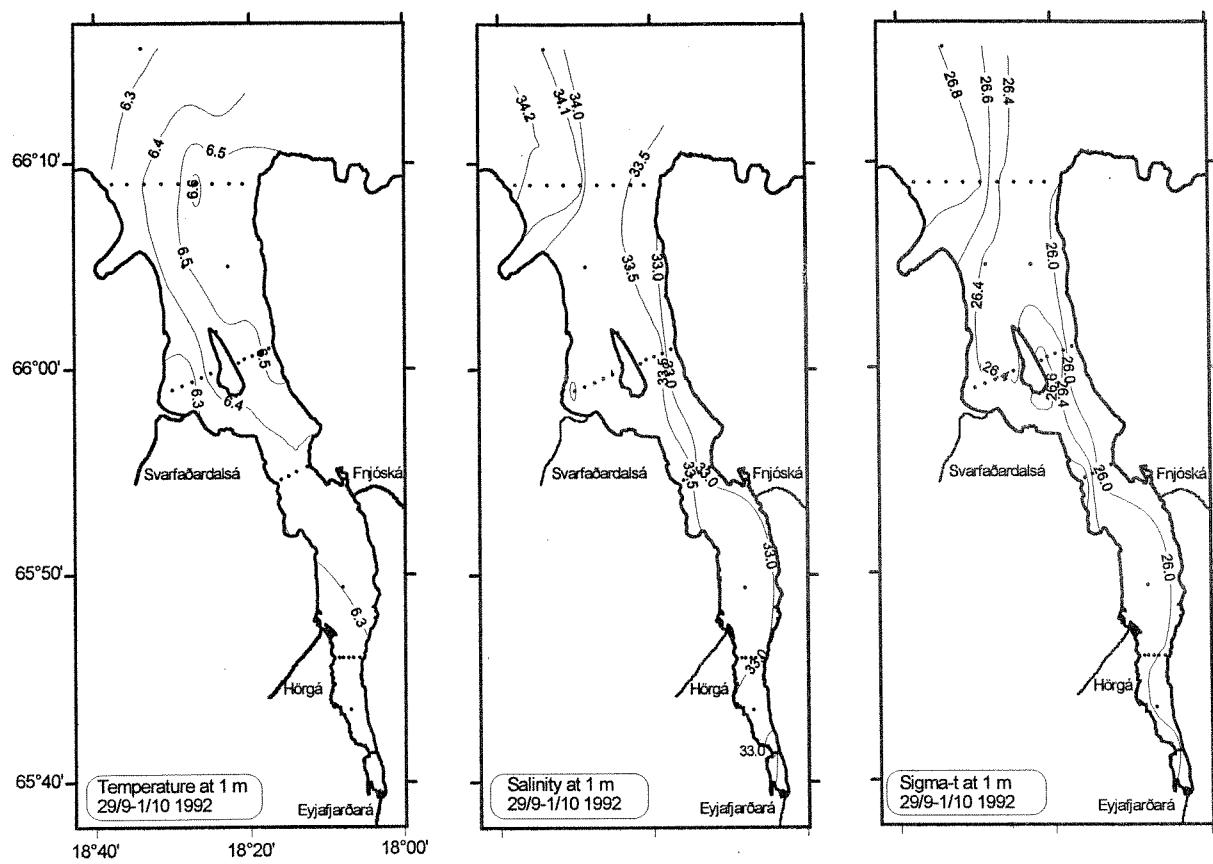


Figure 5.15.1. Horizontal sections of temperature, salinity and sigma-t.

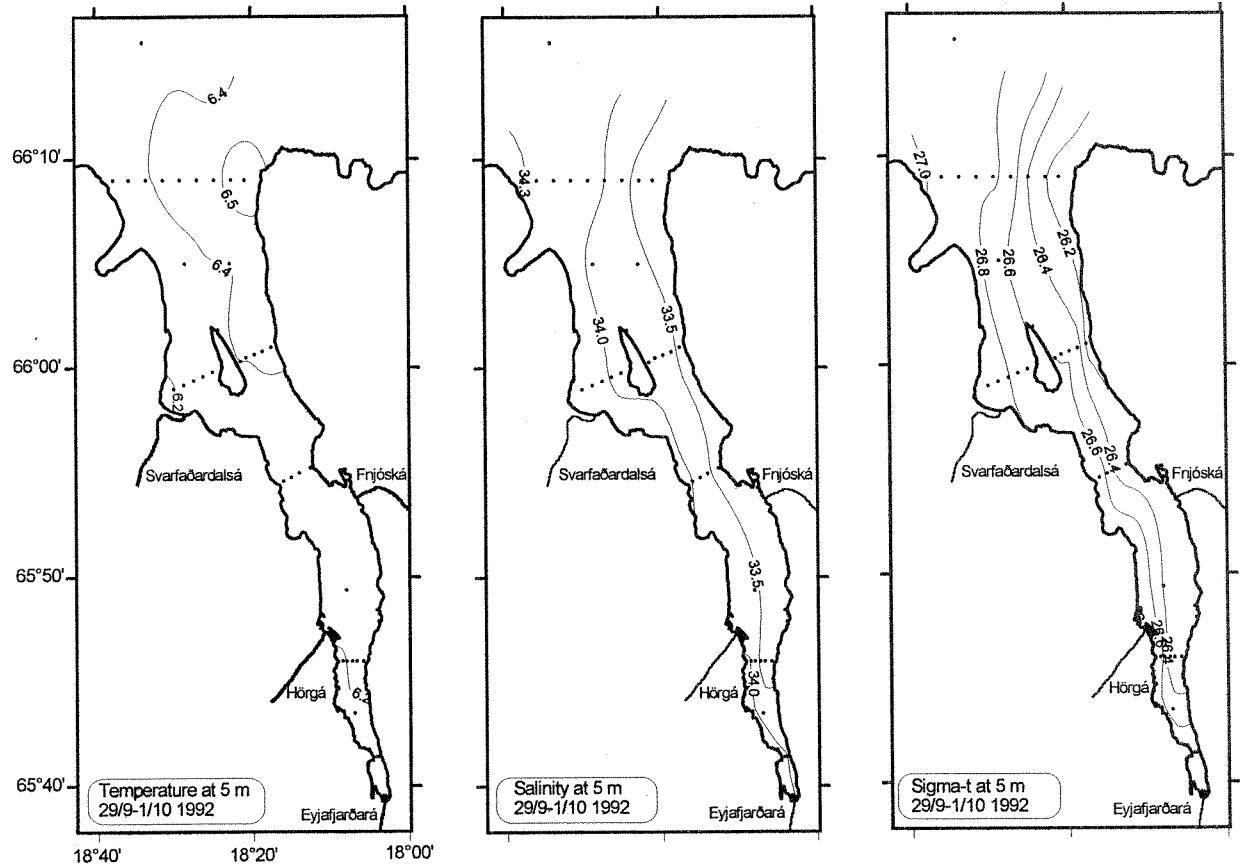


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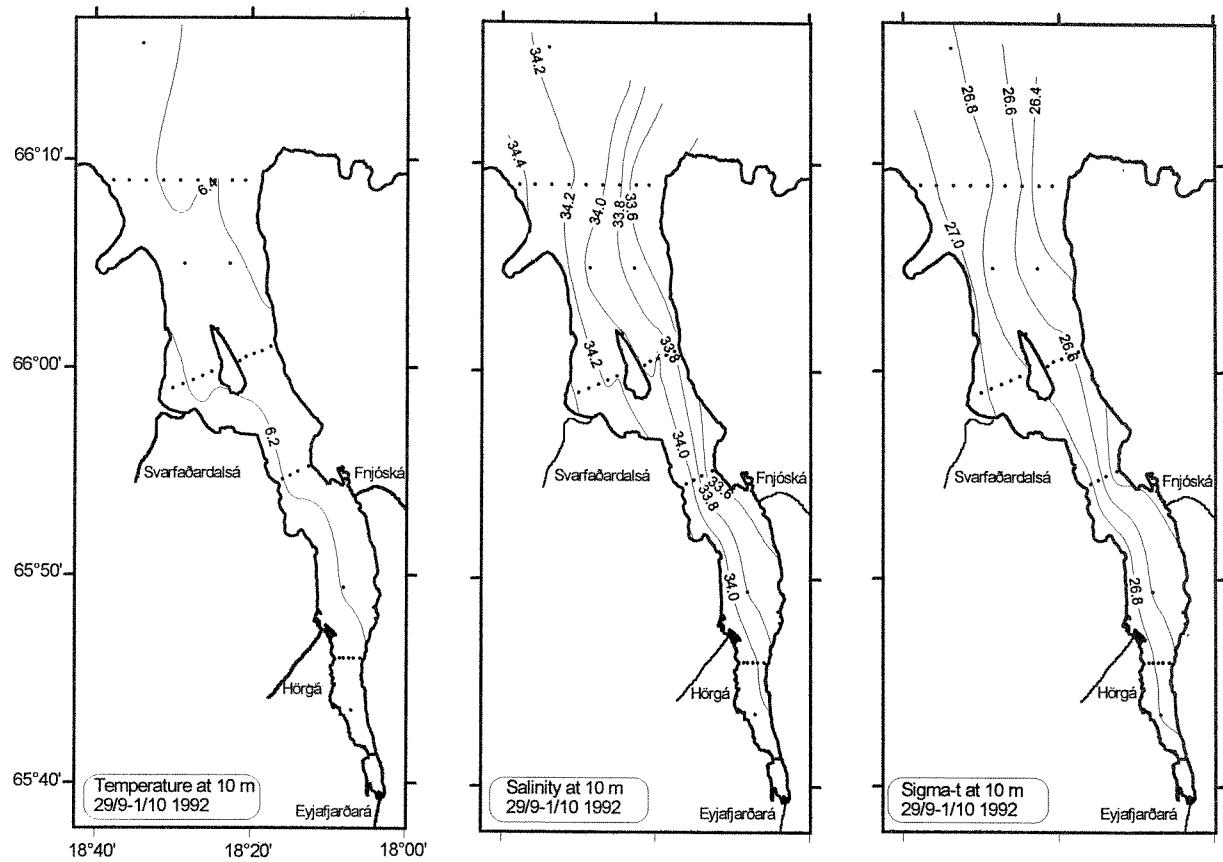


Figure 5.15.3. Horizontal sections of temperature, salinity and sigma-t.

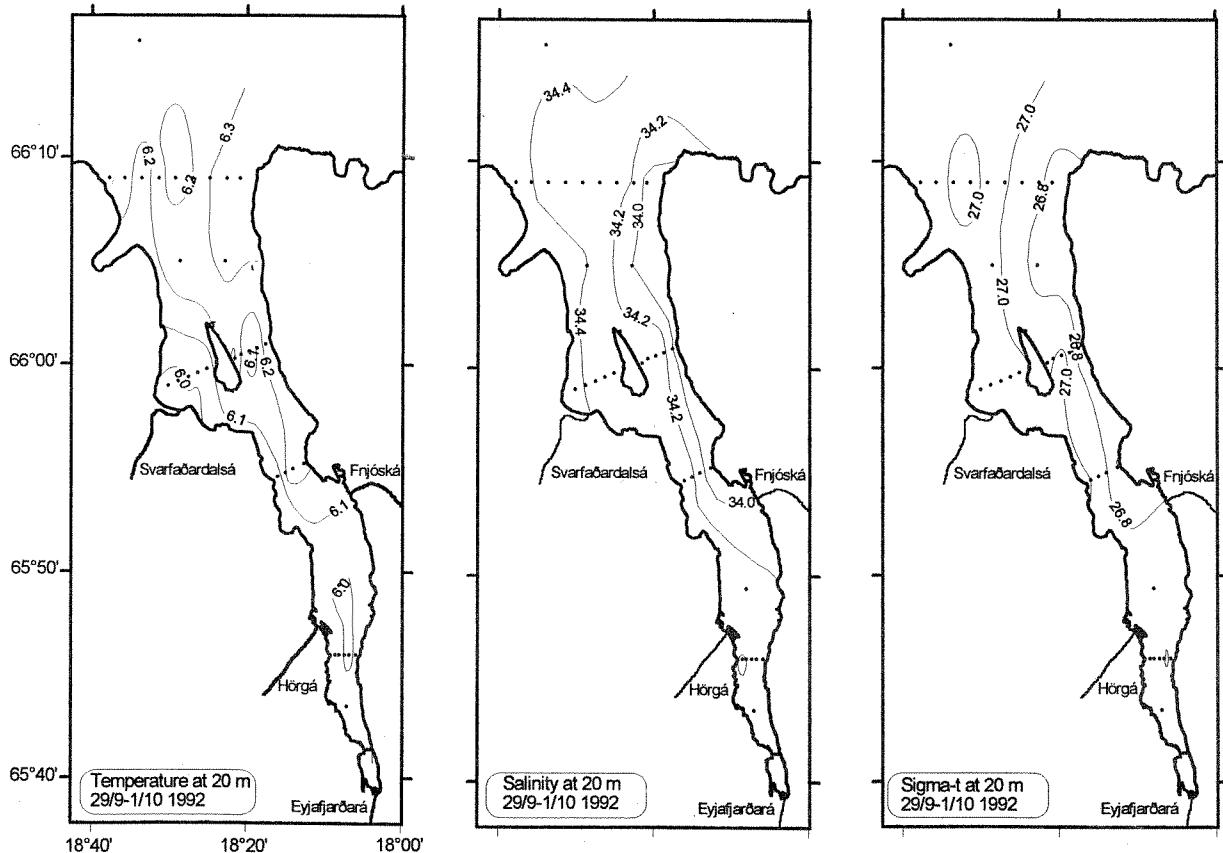


Figure 5.15.4. Horizontal sections of temperature, salinity and sigma-t.

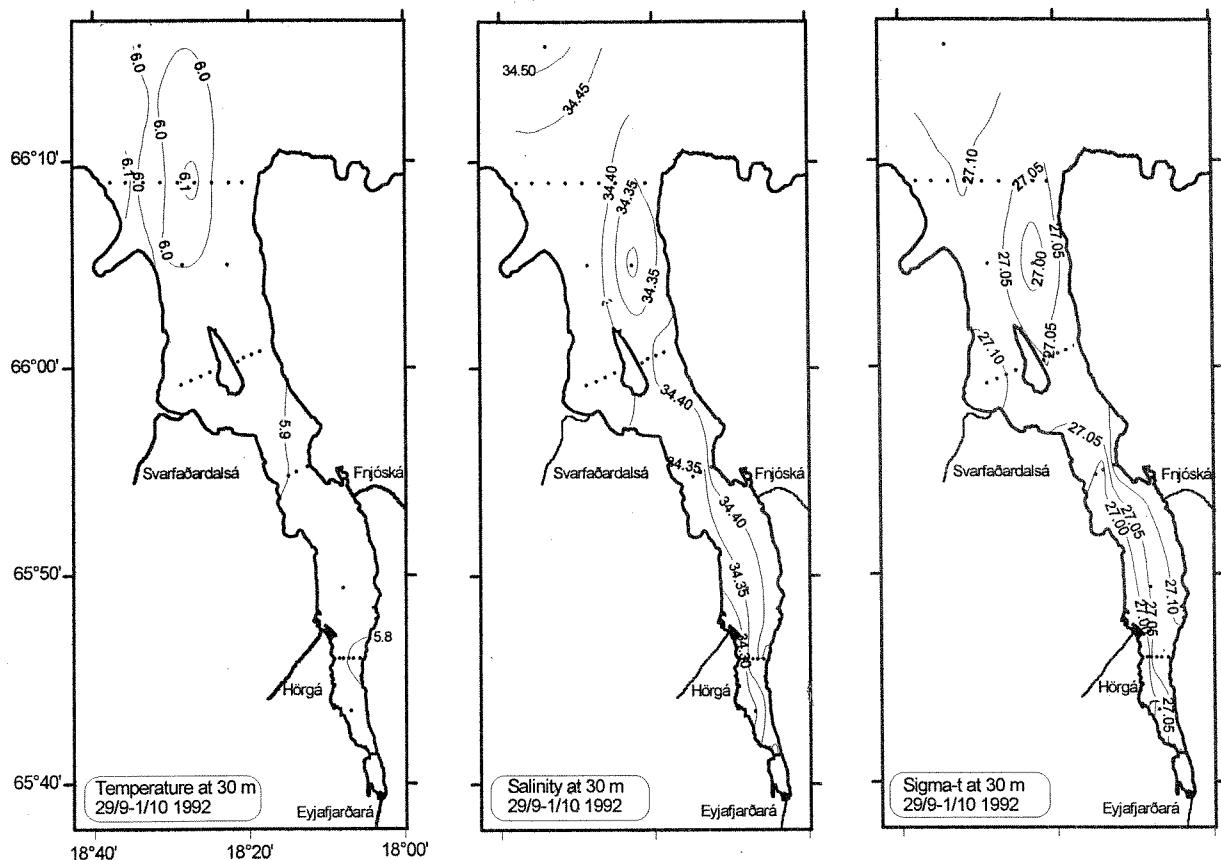


Figure 5.15.5. Horizontal sections of temperature, salinity and sigma-t.

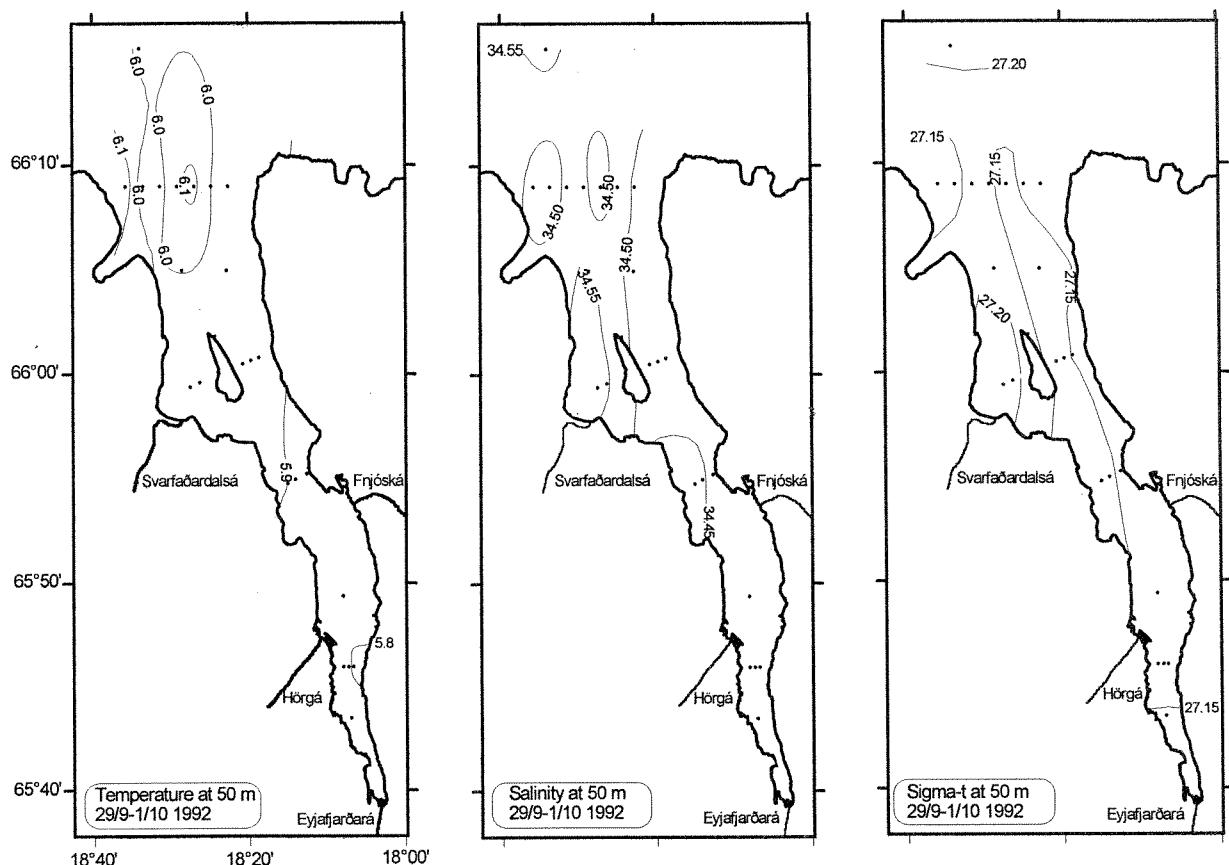


Figure 5.15.6. Horizontal sections of temperature, salinity and sigma-t.

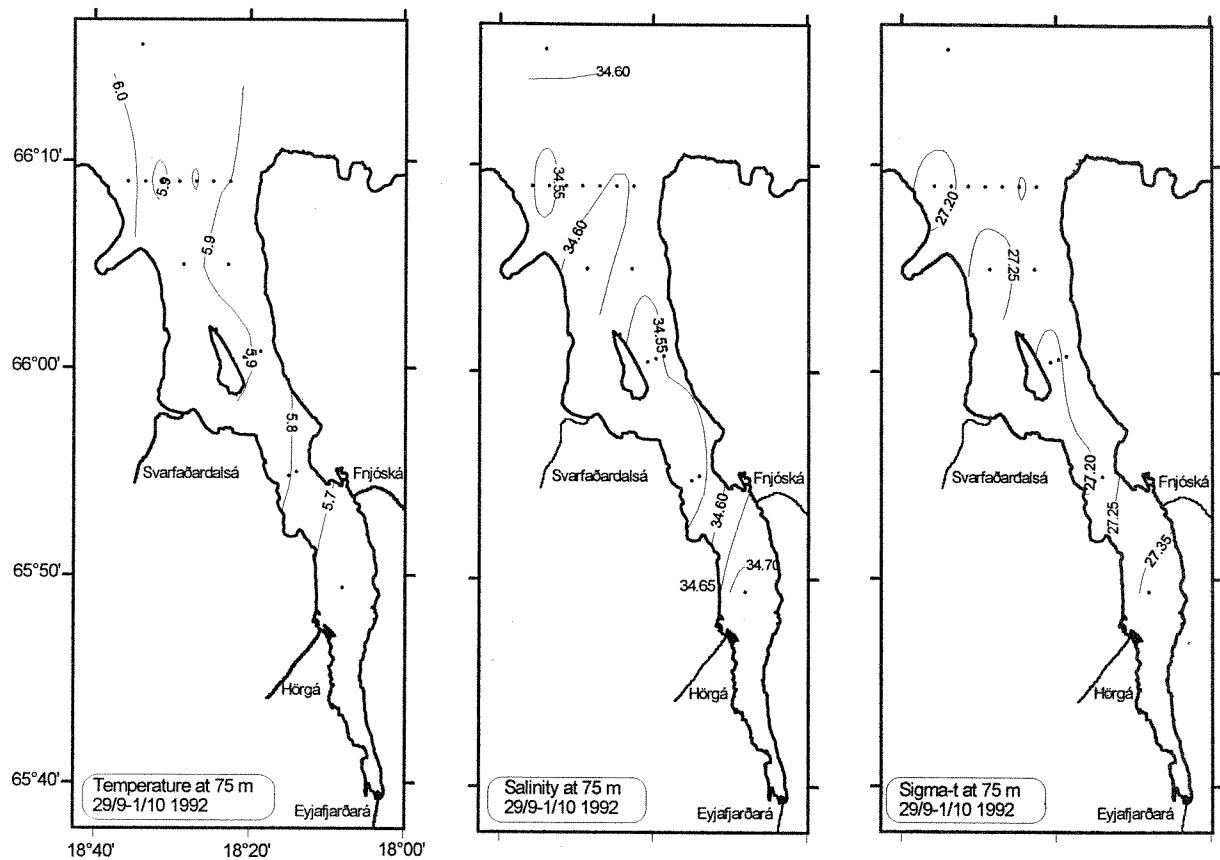


Figure 5.15.7. Horizontal sections of temperature, salinity and sigma-t.

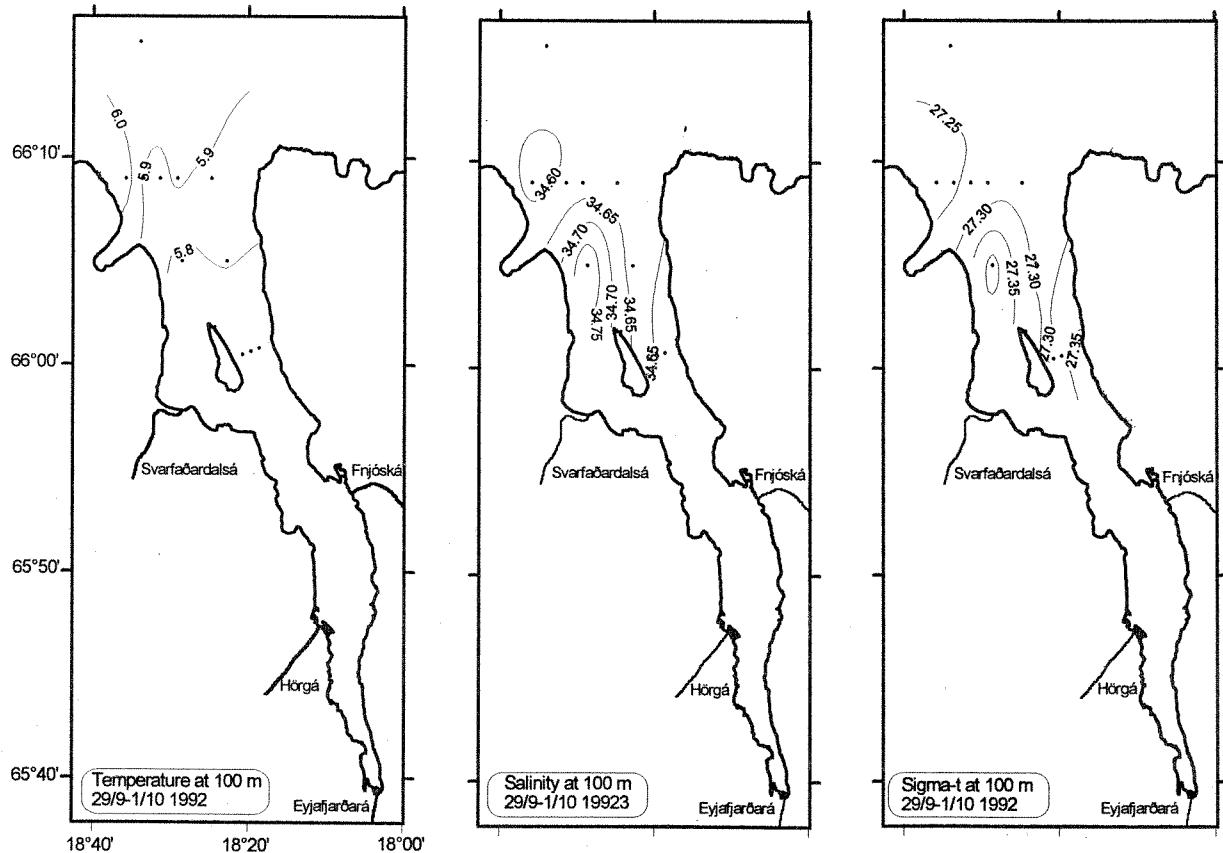


Figure 5.15.8. Horizontal sections of temperature, salinity and sigma-t.

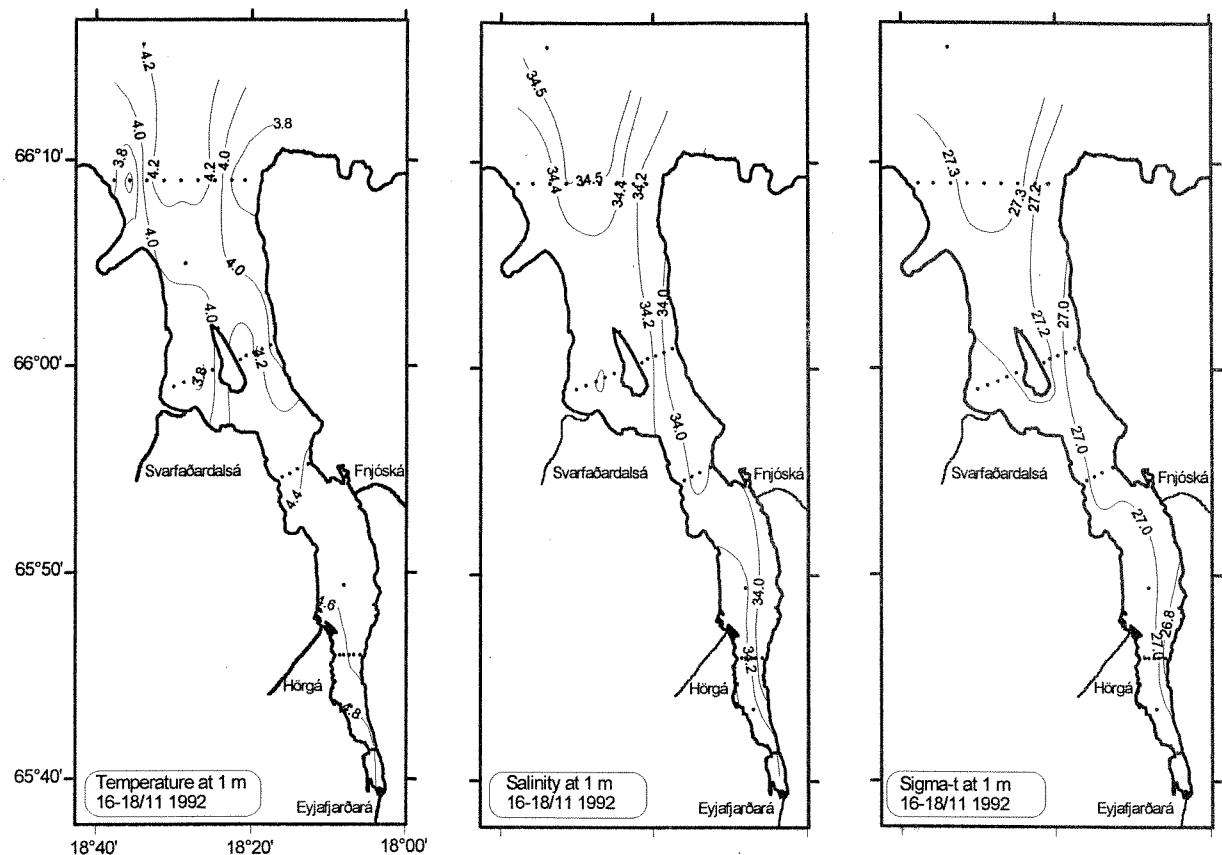


Figure 5.16.1. Horizontal sections of temperature, salinity and sigma-t.

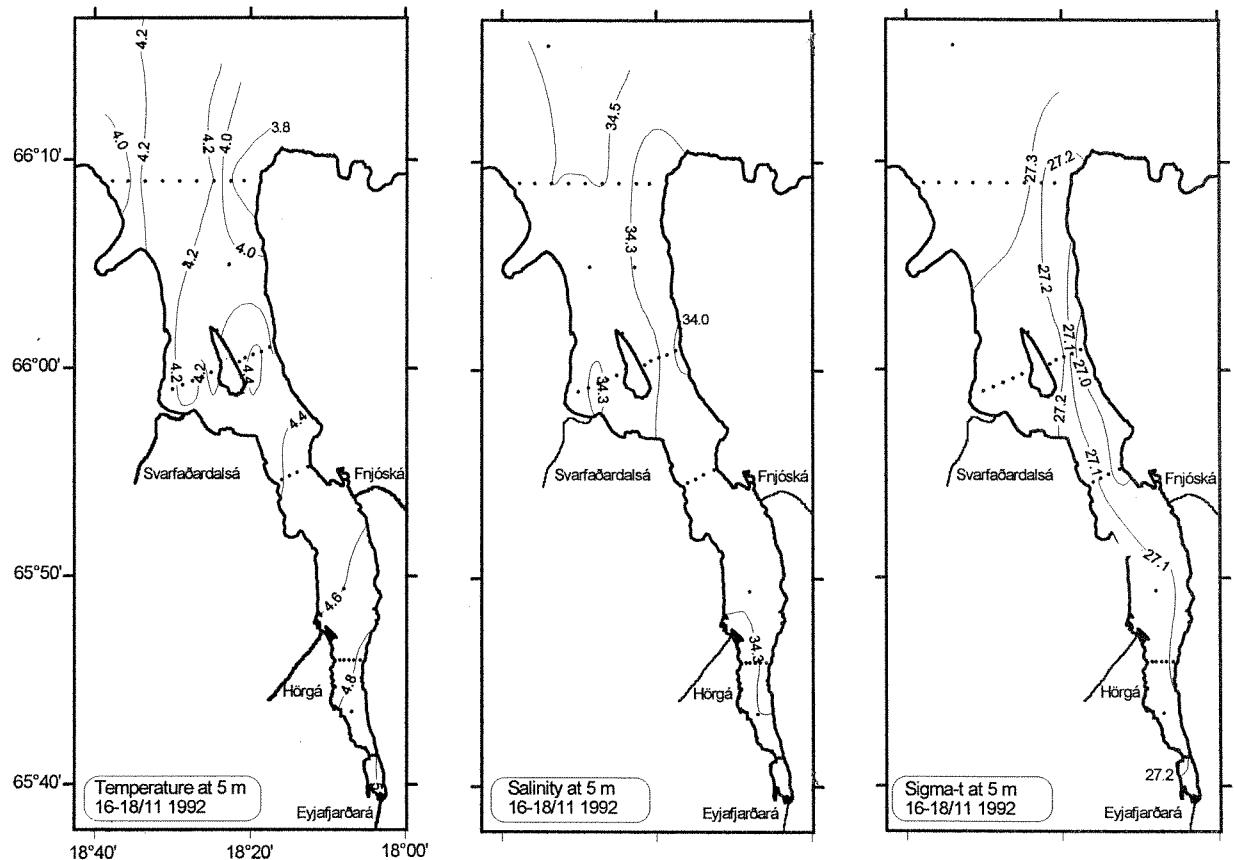


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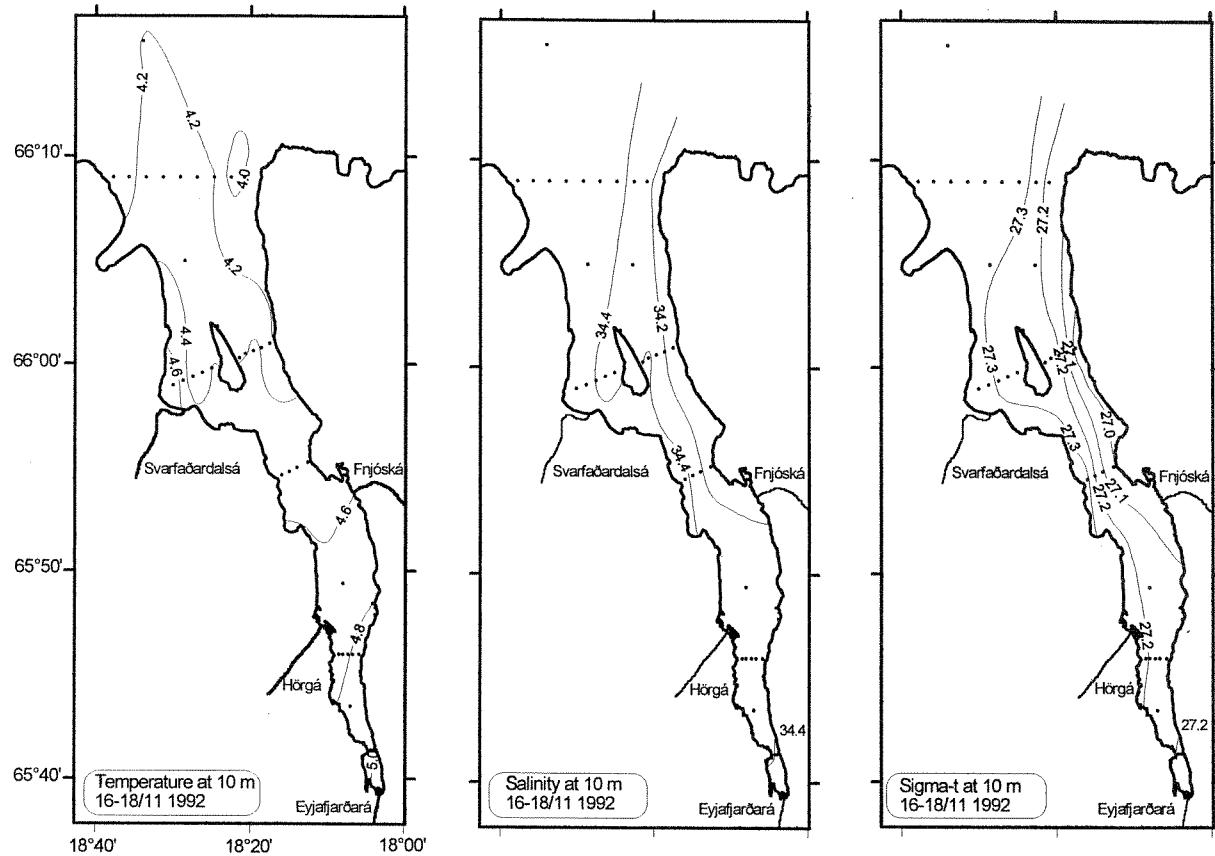


Figure 5.16.3. Horizontal sections of temperature, salinity and sigma-t.

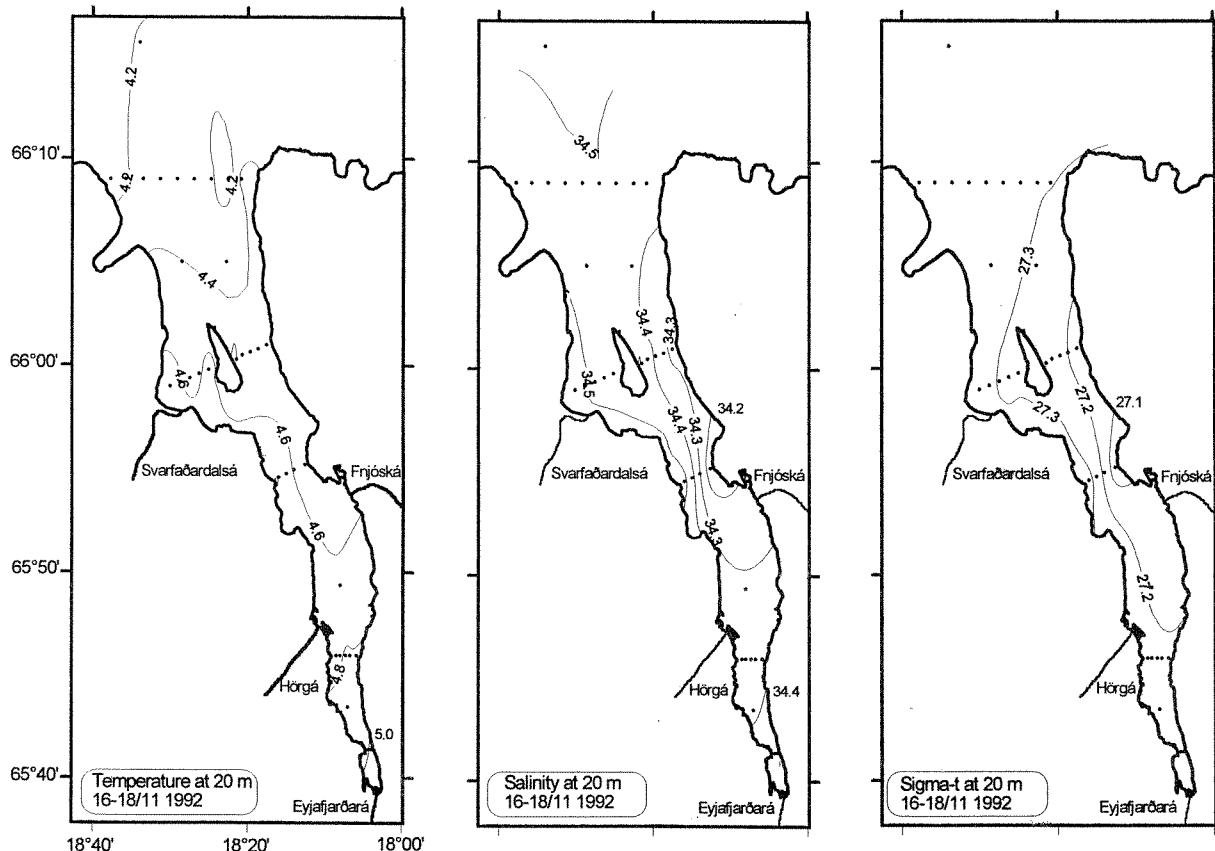


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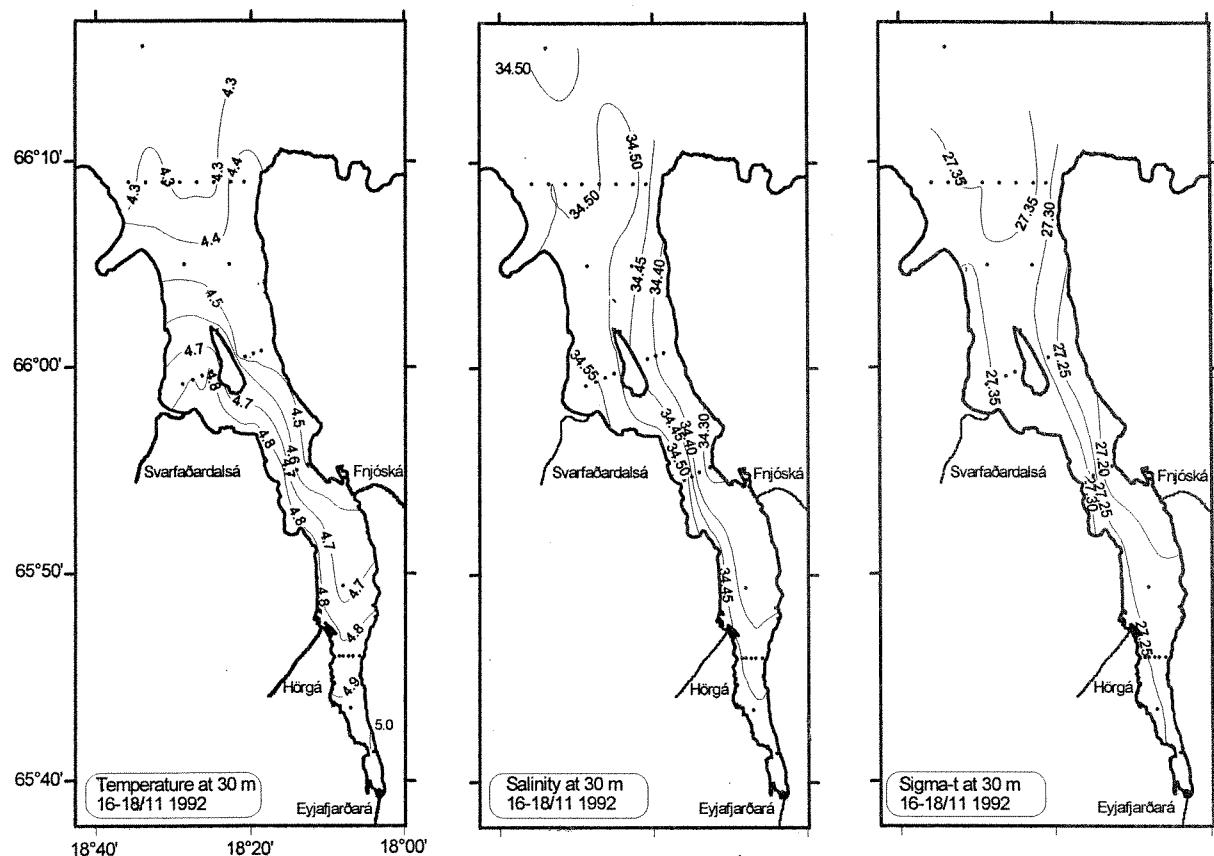


Figure 5.16.5. Horizontal sections of temperature, salinity and sigma-t.

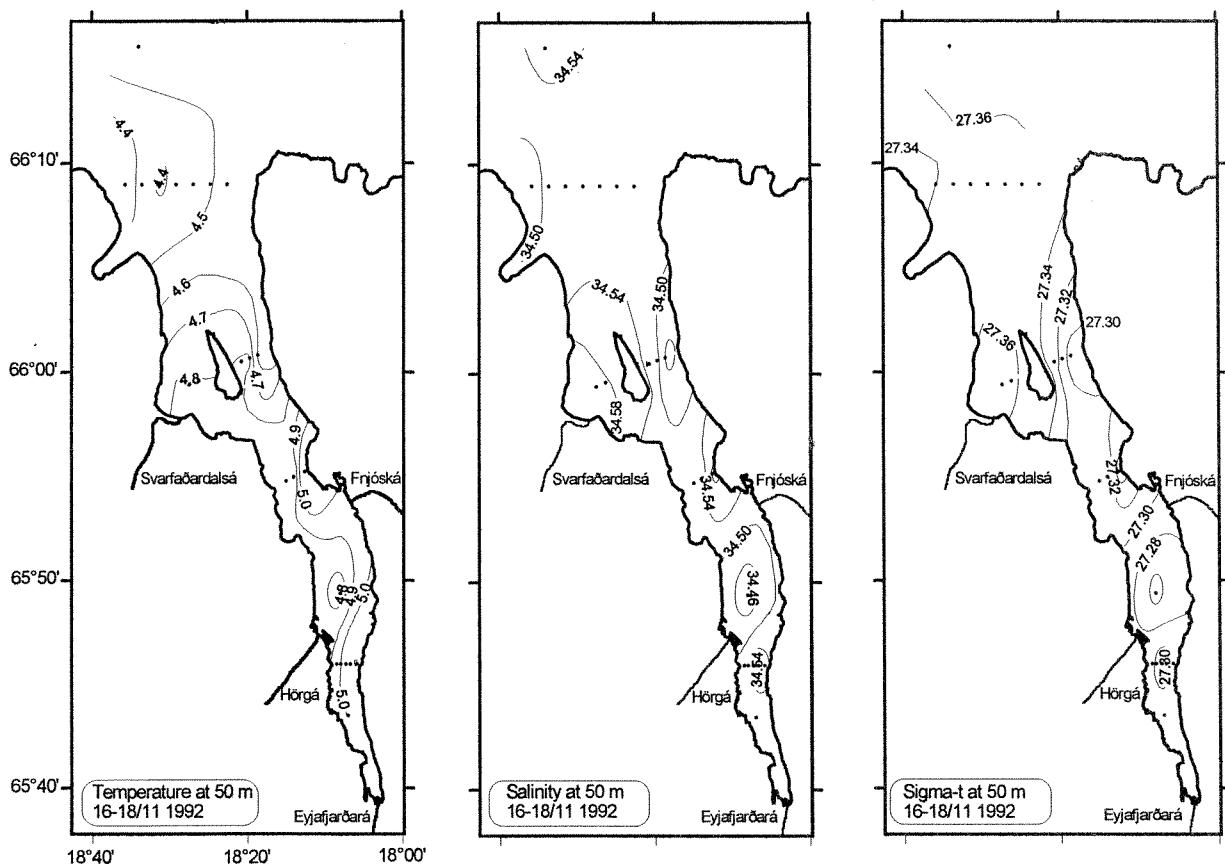


Figure 5.16.6. Horizontal sections of temperature, salinity and sigma-t.

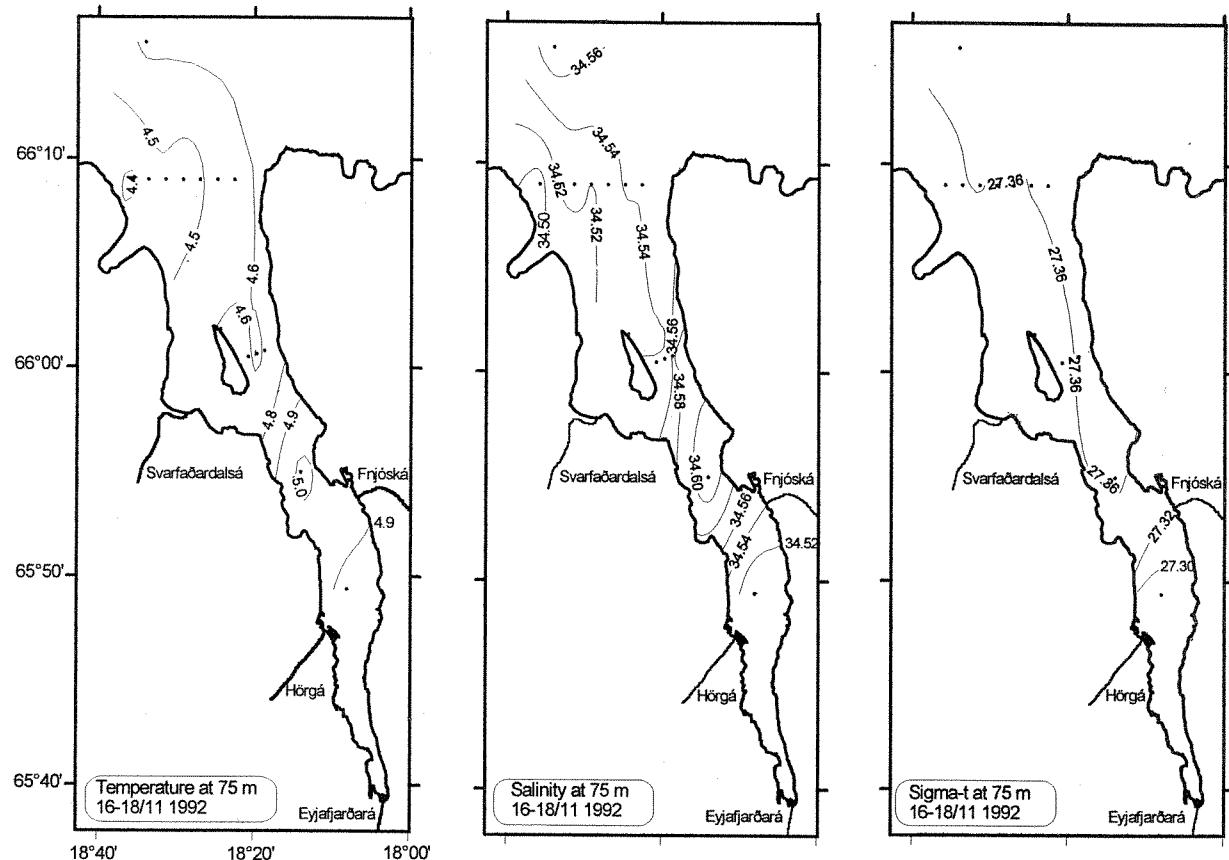


Figure 5.16.7. Horizontal sections of temperature, salinity and sigma-t.

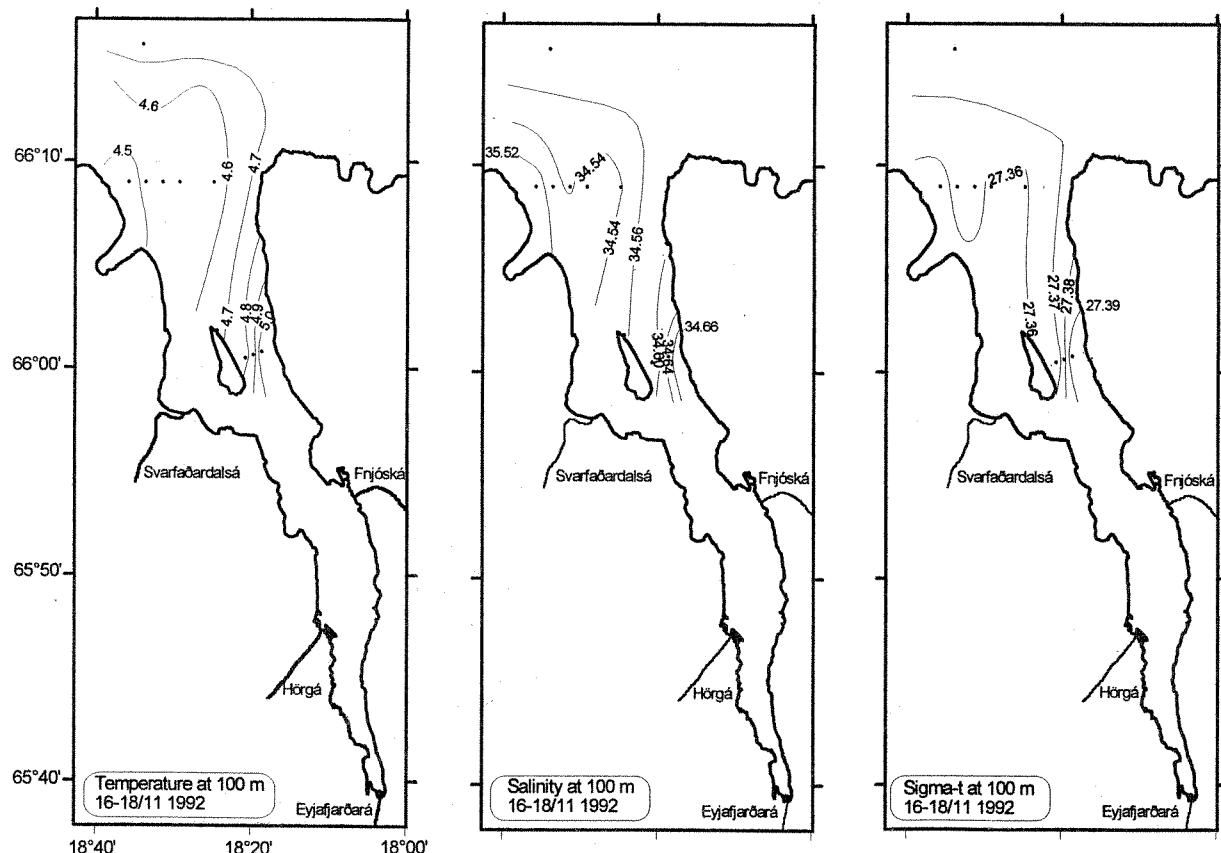


Figure 5.16.8. Horizontal sections of temperature, salinity and sigma-t.

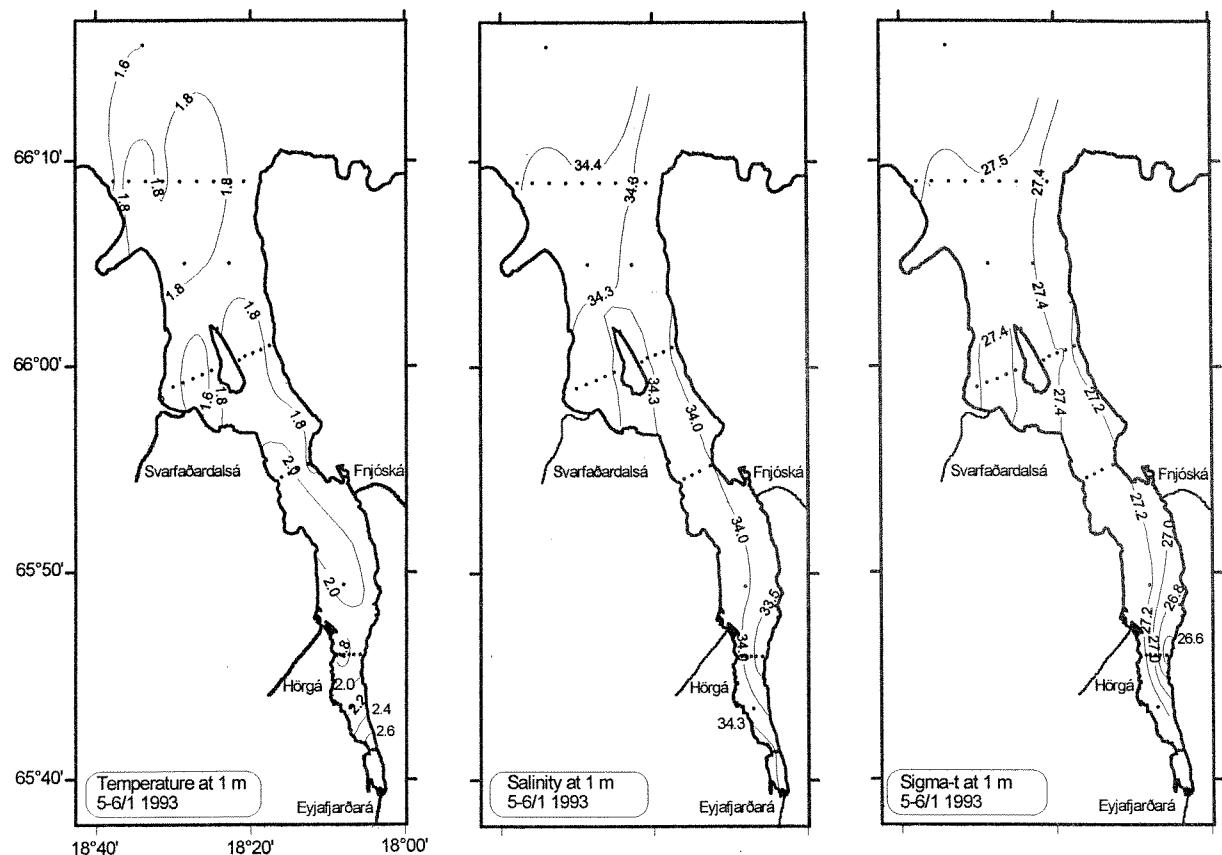


Figure 5.17.1. Horizontal sections of temperature, salinity and sigma-t.

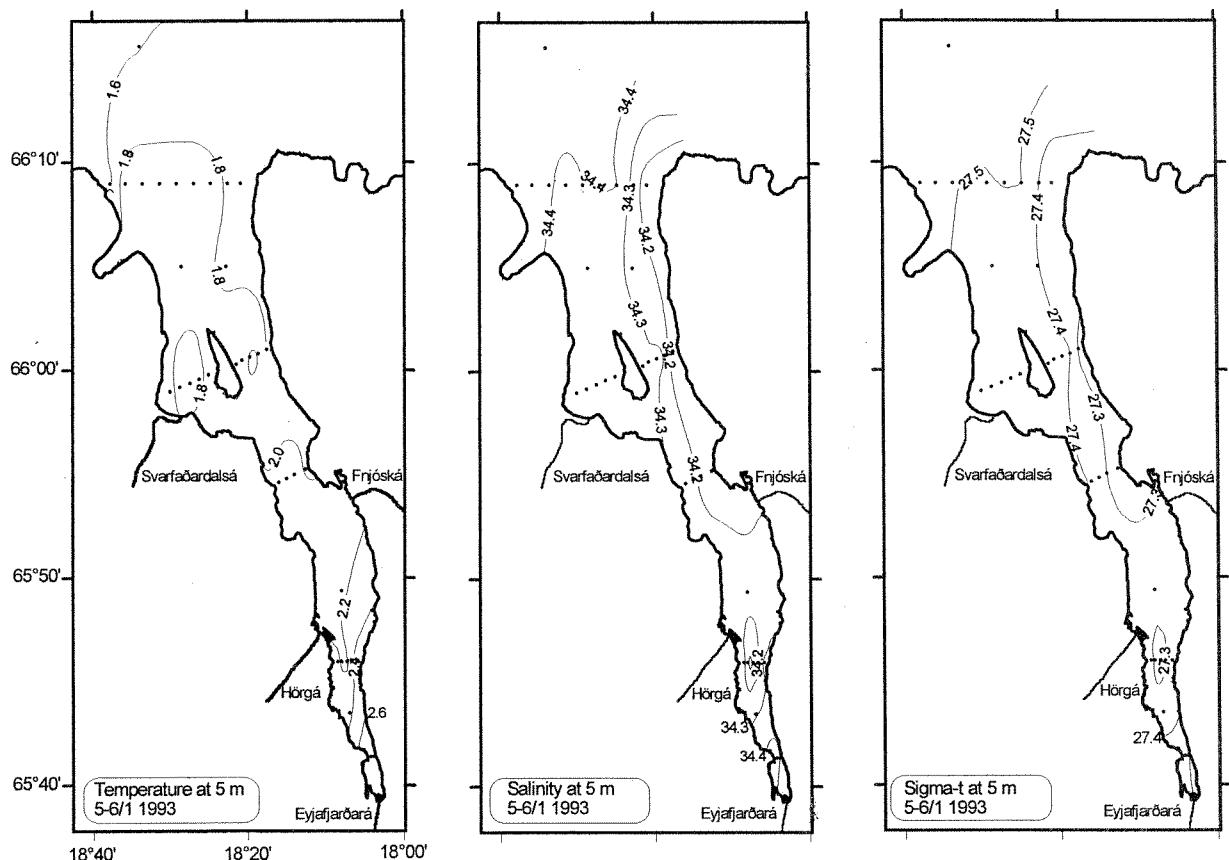


Figure 5.17.2. Horizontal sections of temperature, salinity and sigma-t.

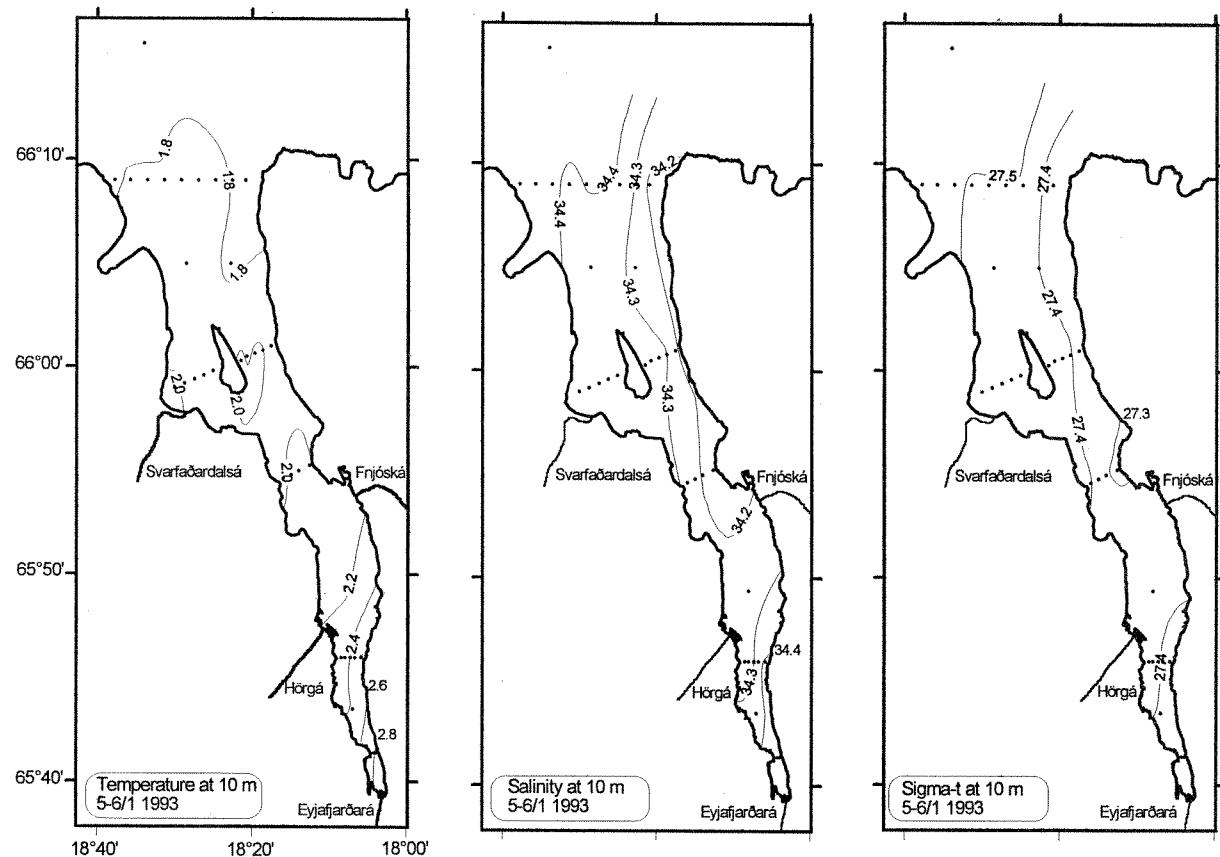


Figure 5.17.3. Horizontal sections of temperature, salinity and sigma-t.

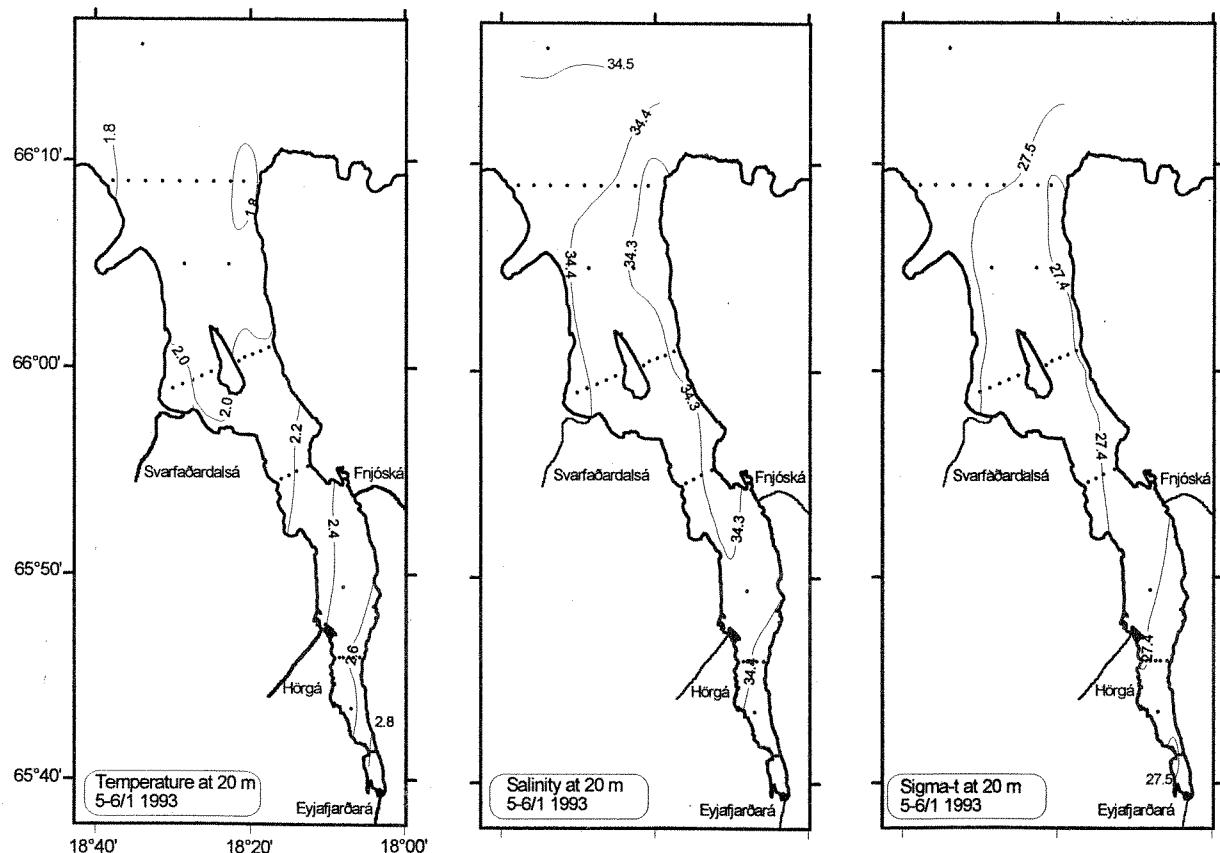


Figure 5.17.4. Horizontal sections of temperature, salinity and sigma-t.

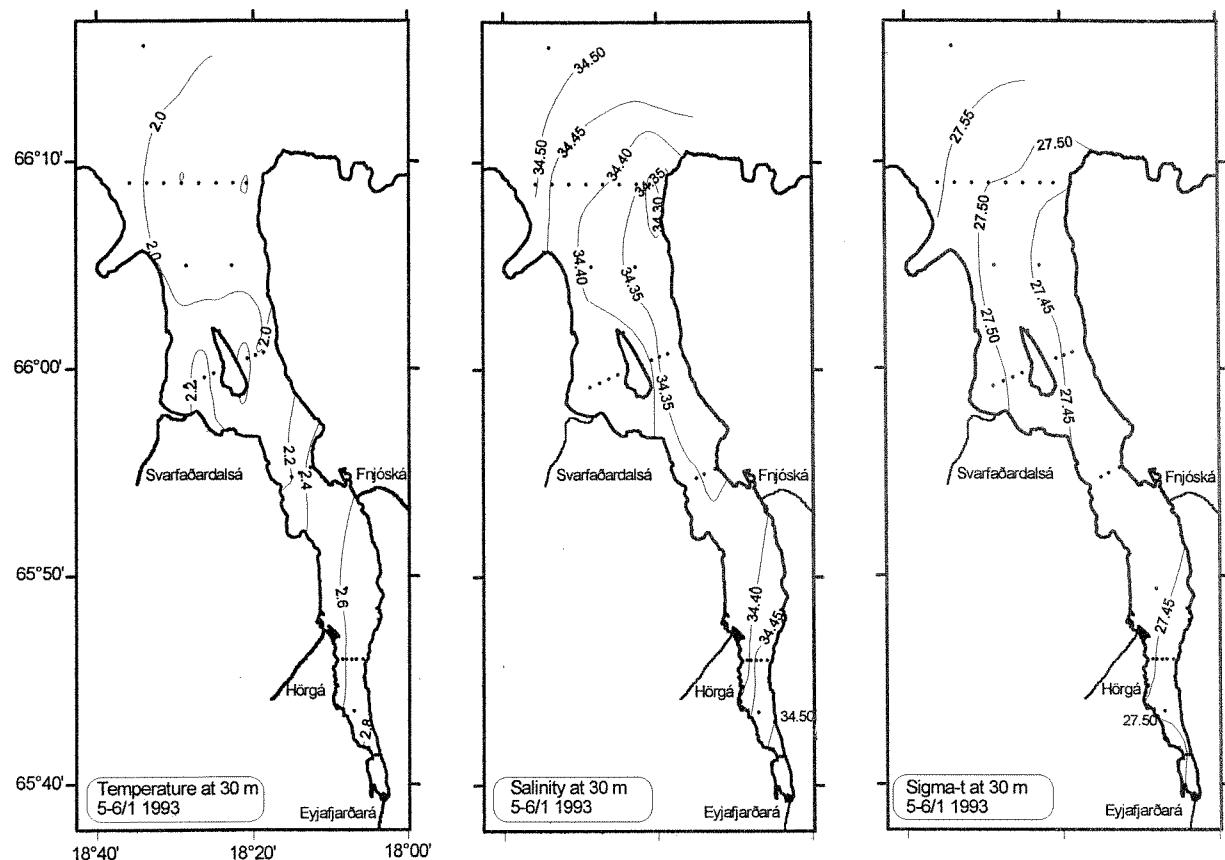


Figure 5.17.5. Horizontal sections of temperature, salinity and sigma-t.

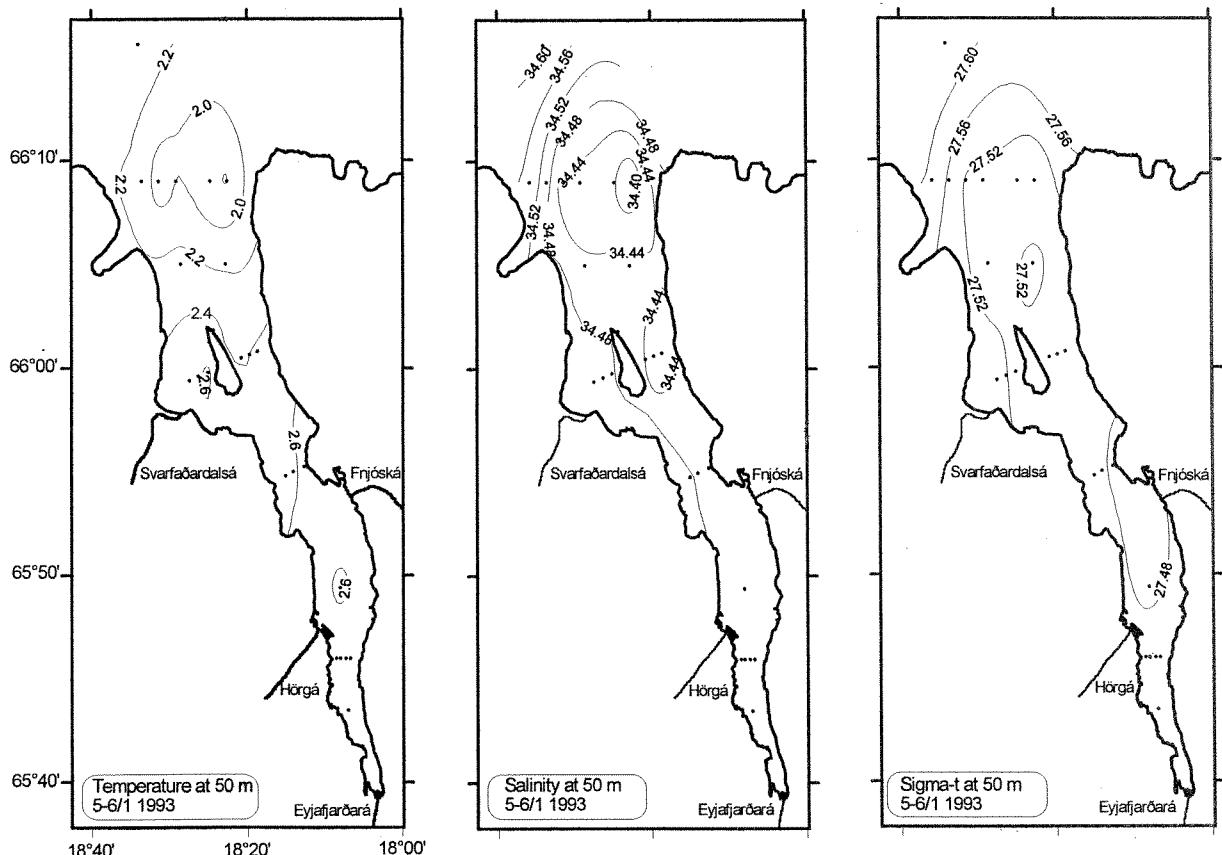


Figure 5.17.6. Horizontal sections of temperature, salinity and sigma-t.

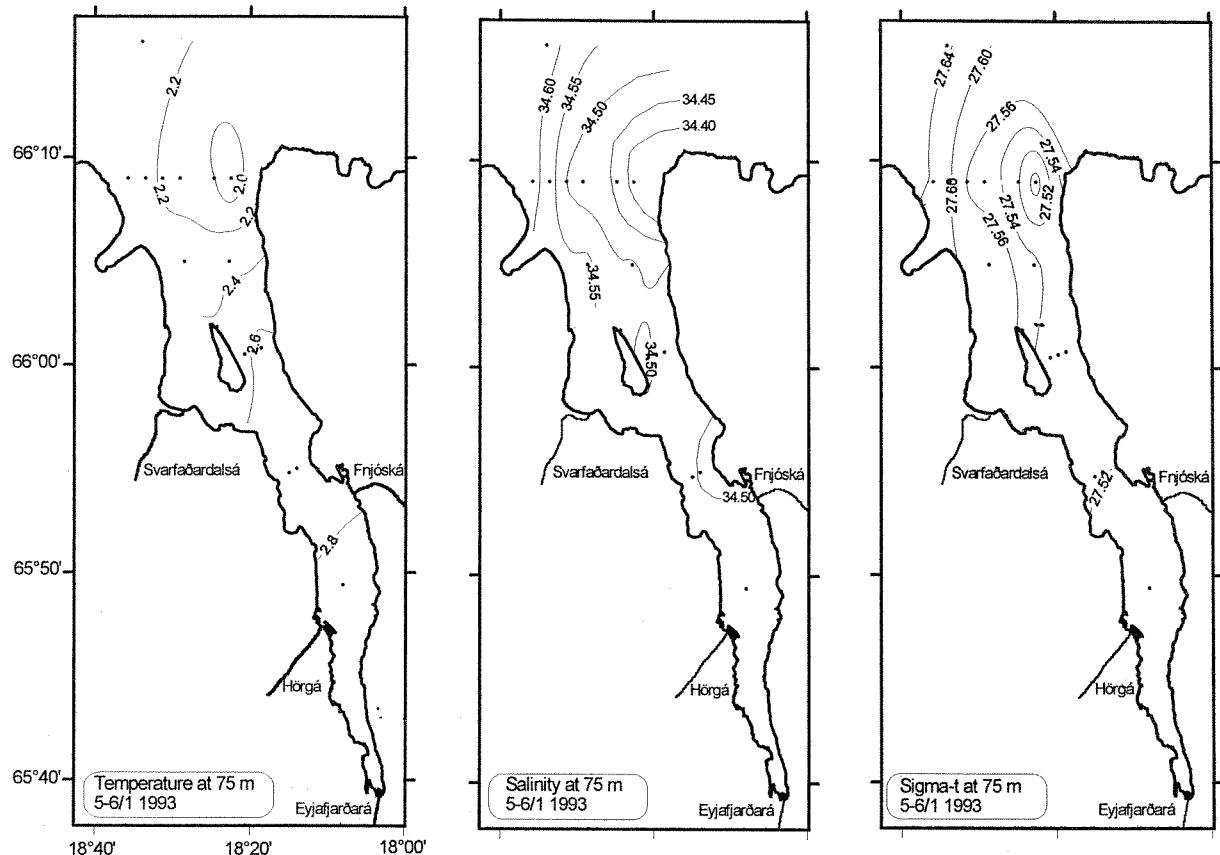


Figure 5.17.7. Horizontal sections of temperature, salinity and sigma-t.

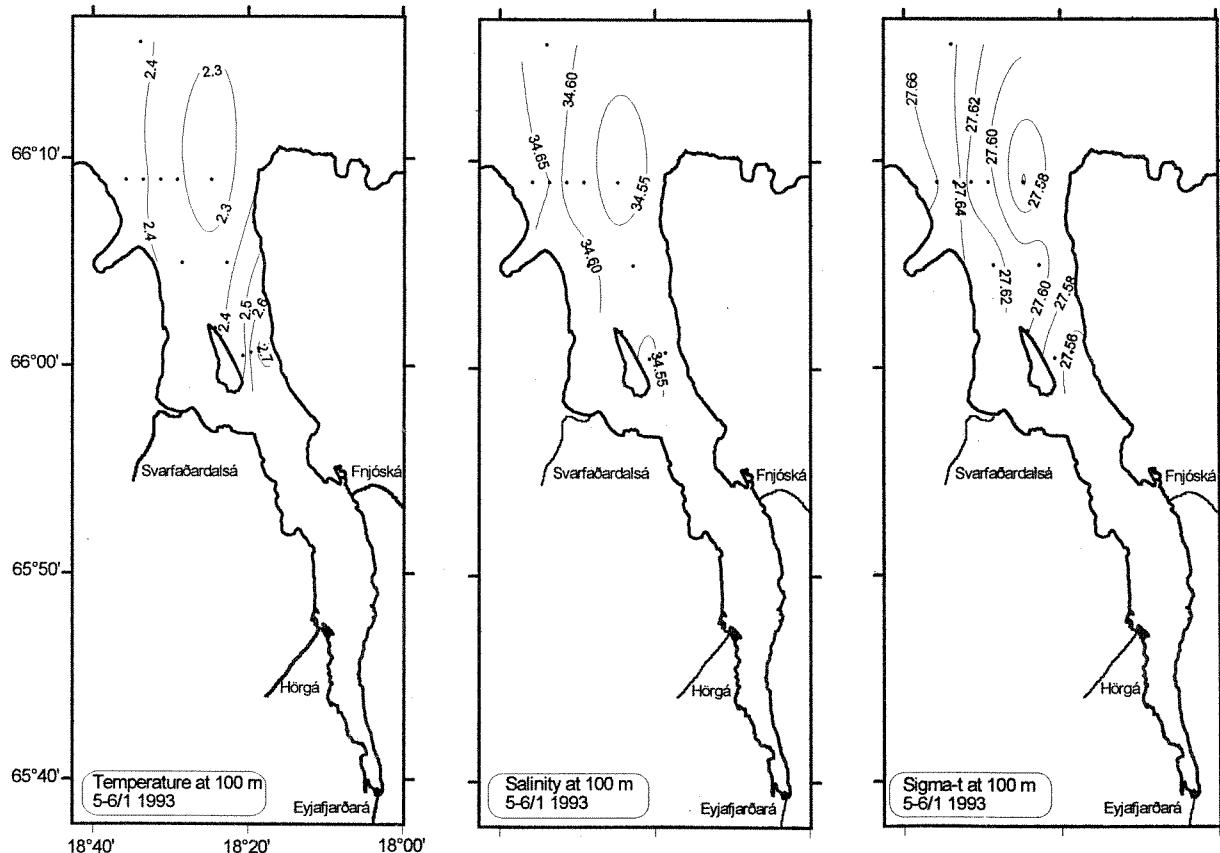


Figure 5.17.8. Horizontal sections of temperature, salinity and sigma-t.

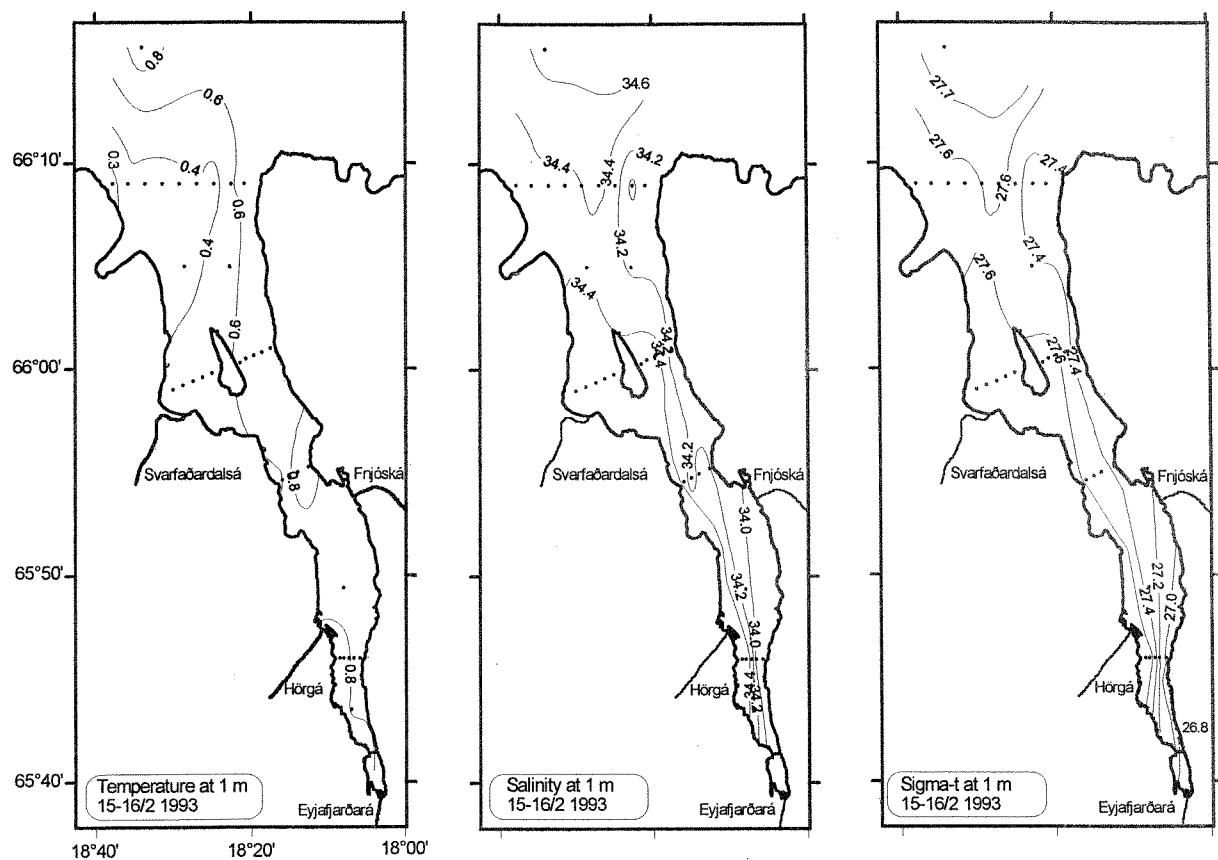


Figure 5.18.1. Horizontal sections of temperature, salinity and sigma-t.

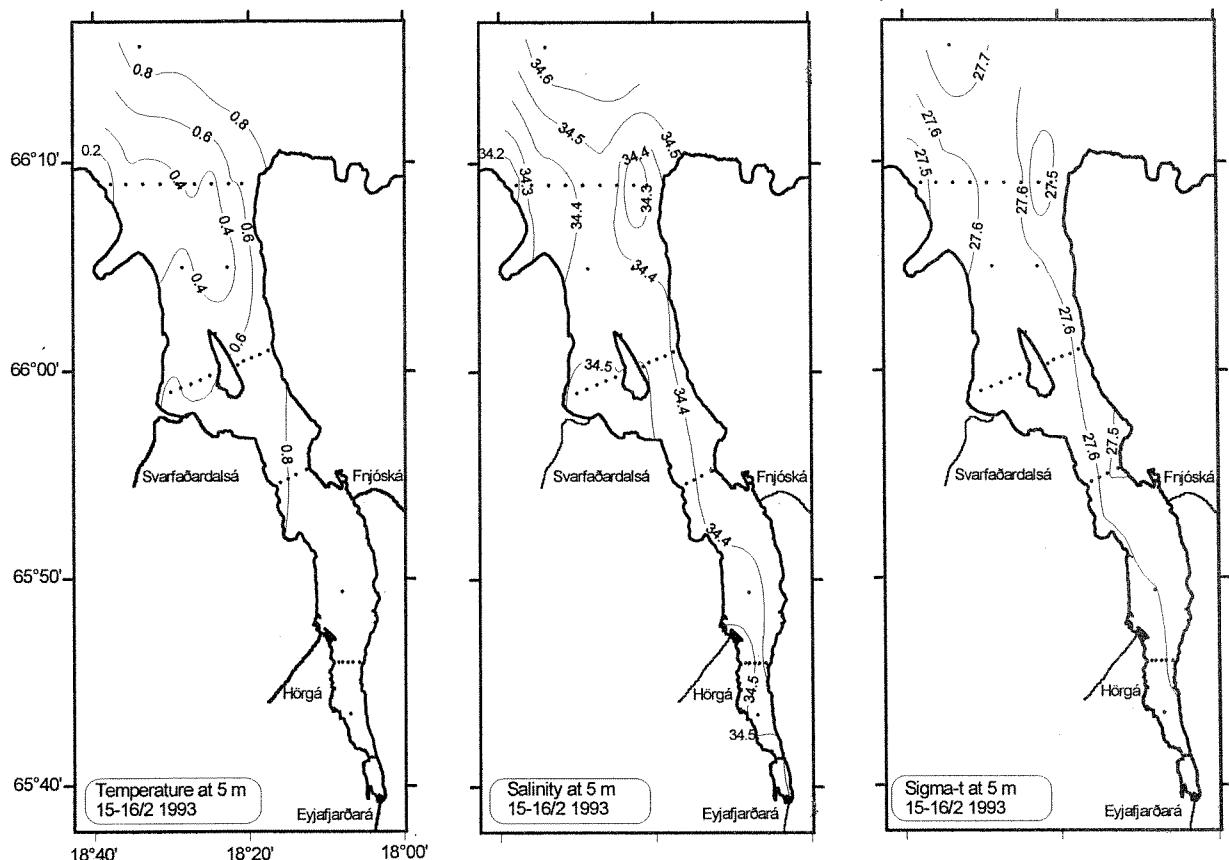


Figure 5.18.2. Horizontal sections of temperature, salinity and sigma-t.

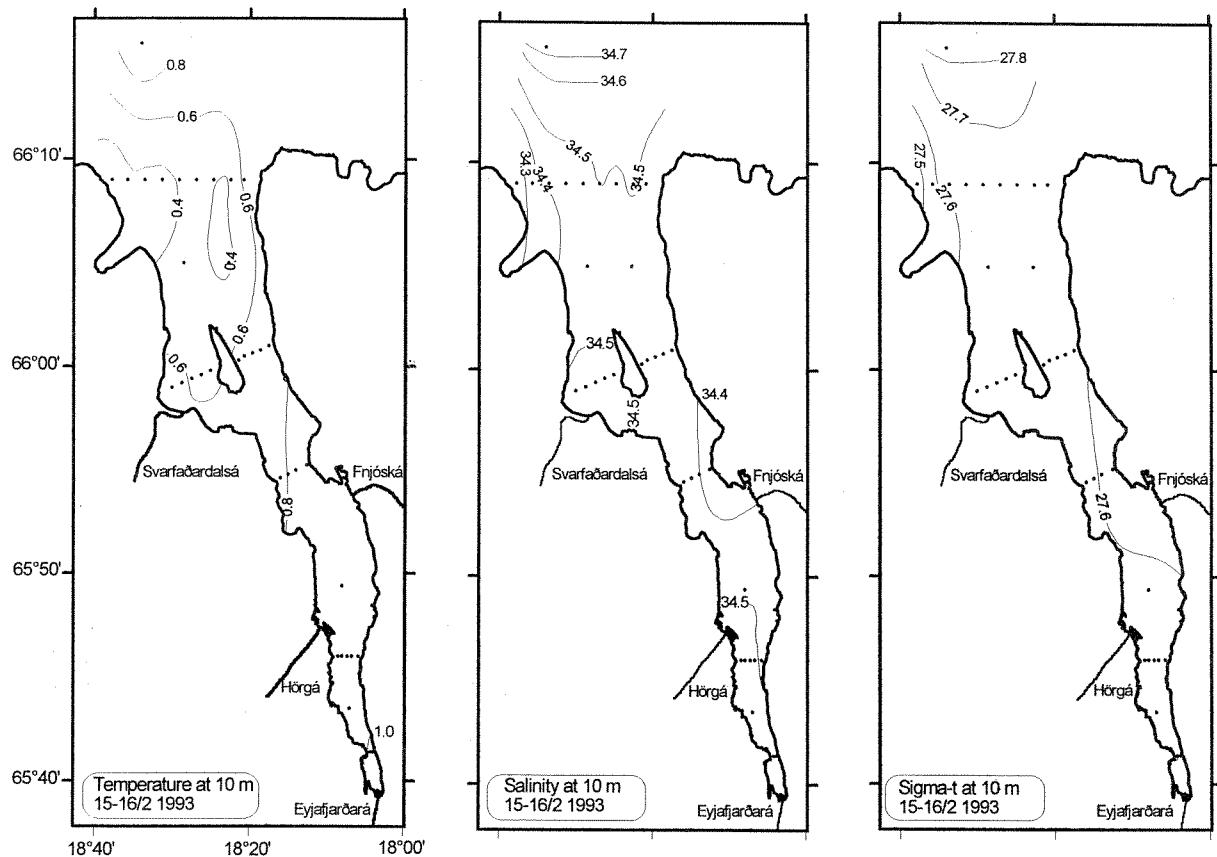


Figure 5.18.3. Horizontal sections of temperature, salinity and sigma-t.

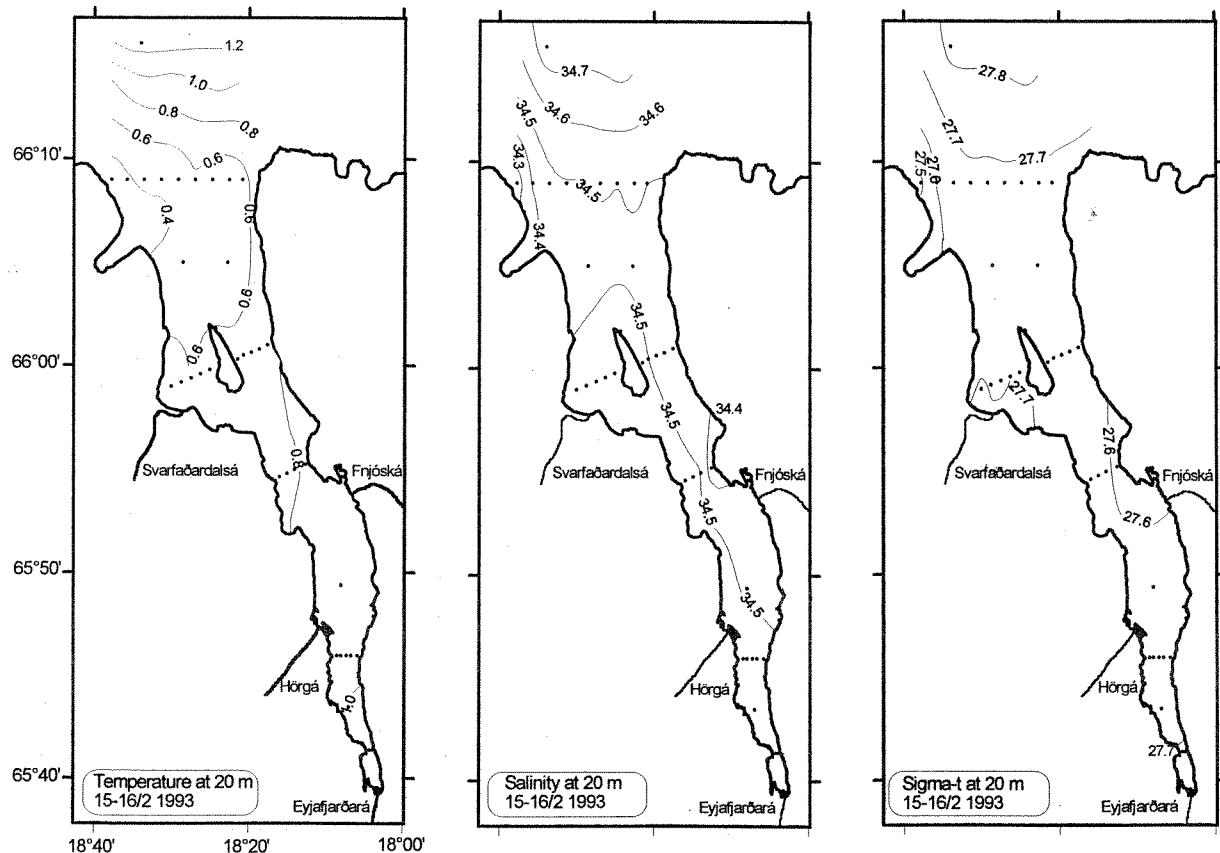


Figure 5.18.4. Horizontal sections of temperature, salinity and sigma-t.

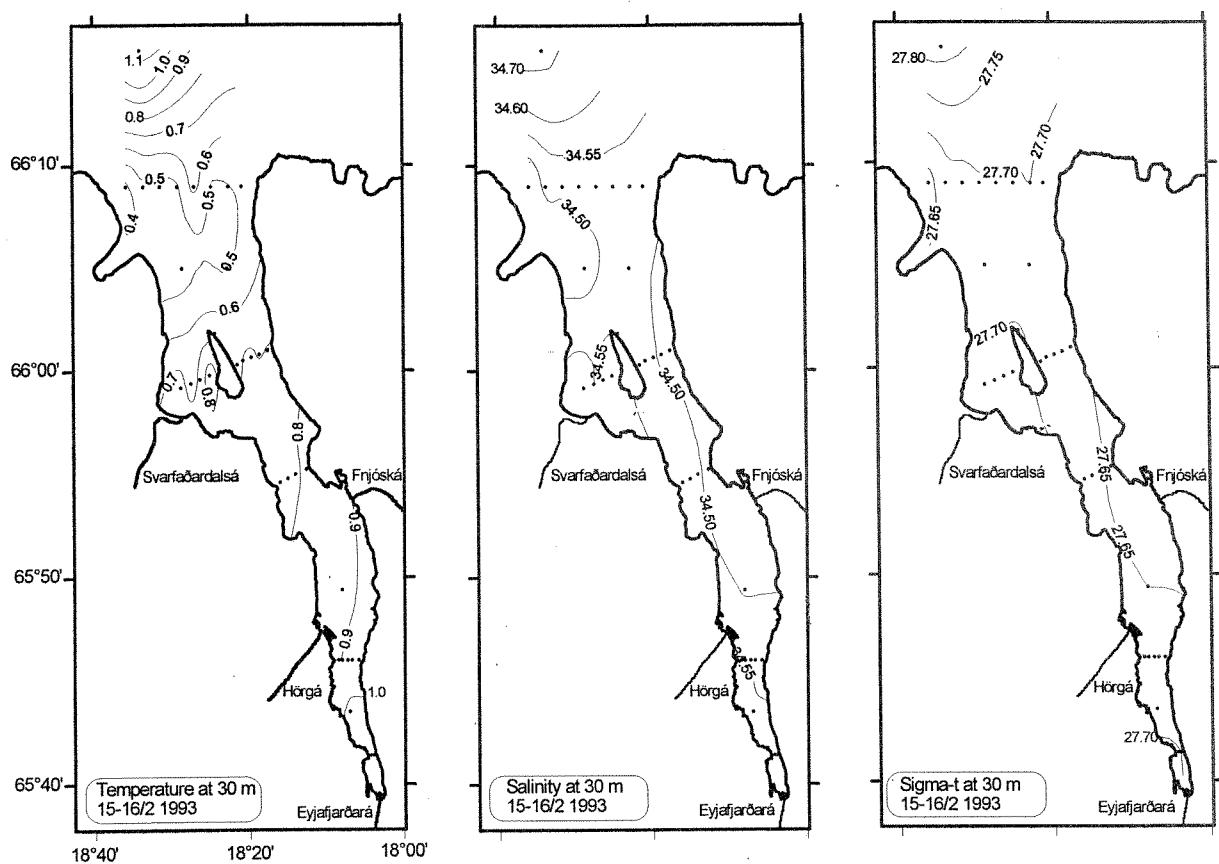


Figure 5.18.5. Horizontal sections of temperature, salinity and sigma-t.

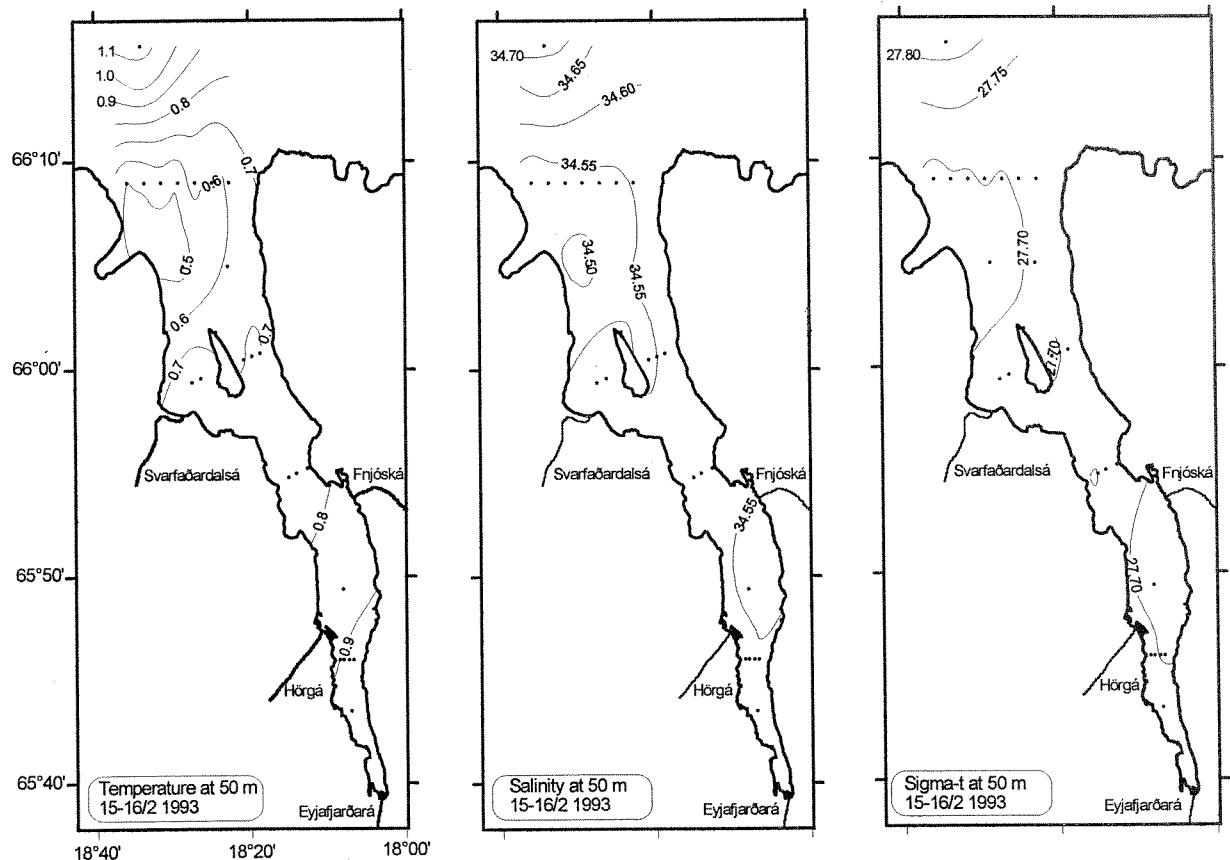


Figure 5.18.6. Horizontal sections of temperature, salinity and sigma-t.

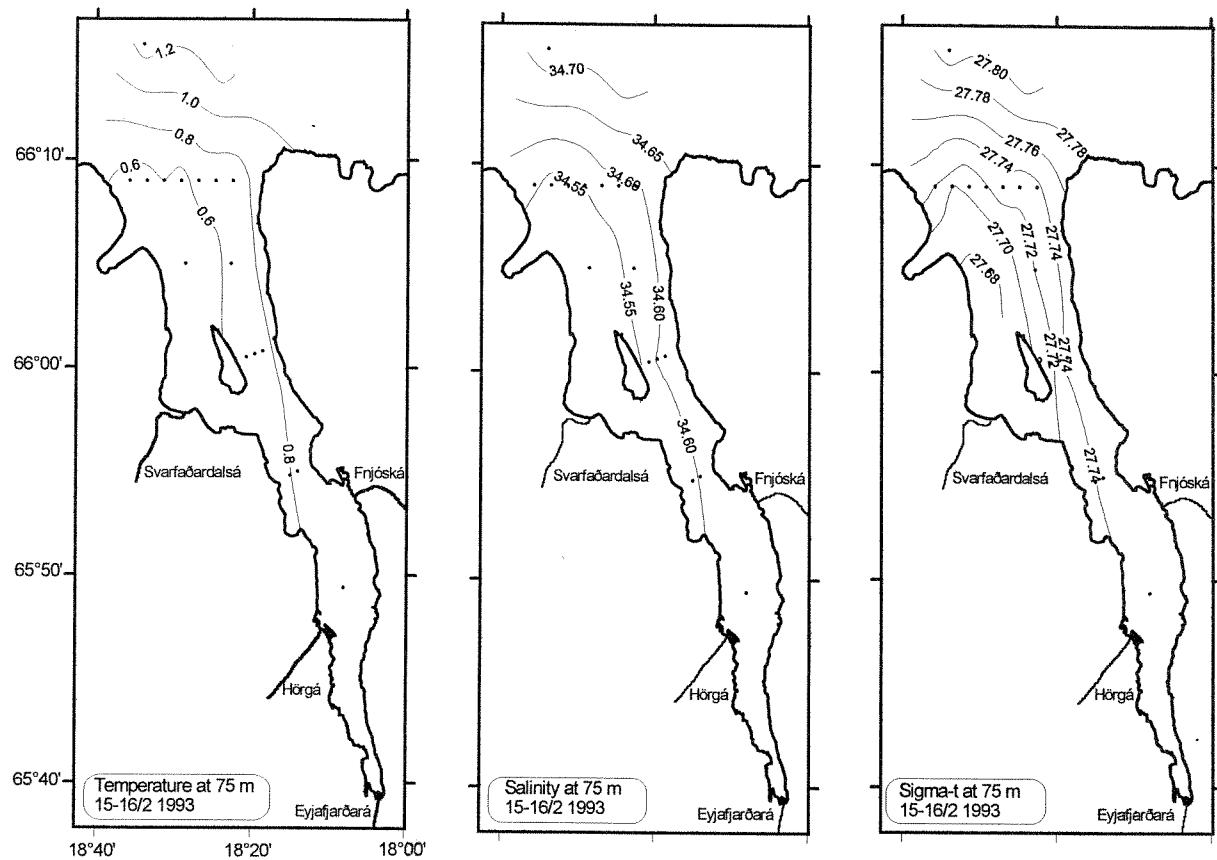


Figure 5.18.7. Horizontal sections of temperature, salinity and sigma-t.

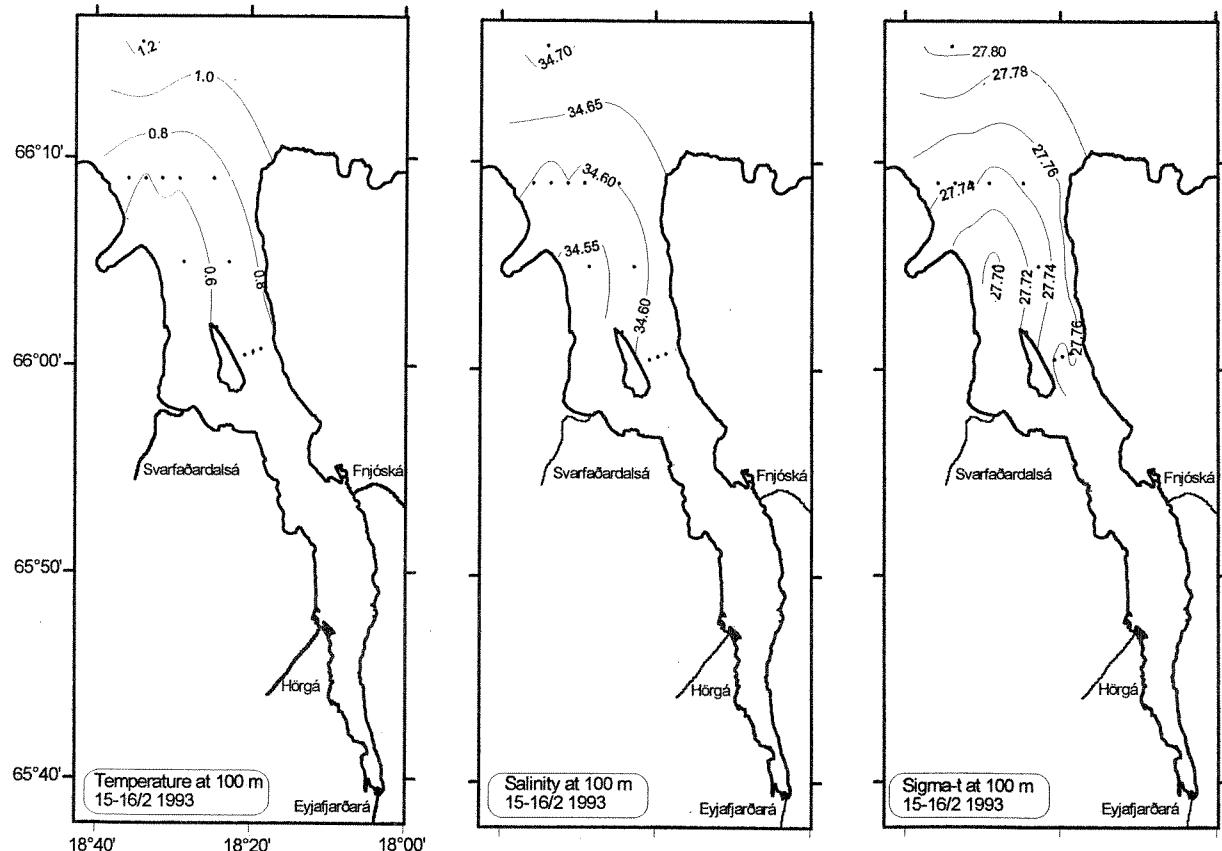


Figure 5.18.8. Horizontal sections of temperature, salinity and sigma-t.

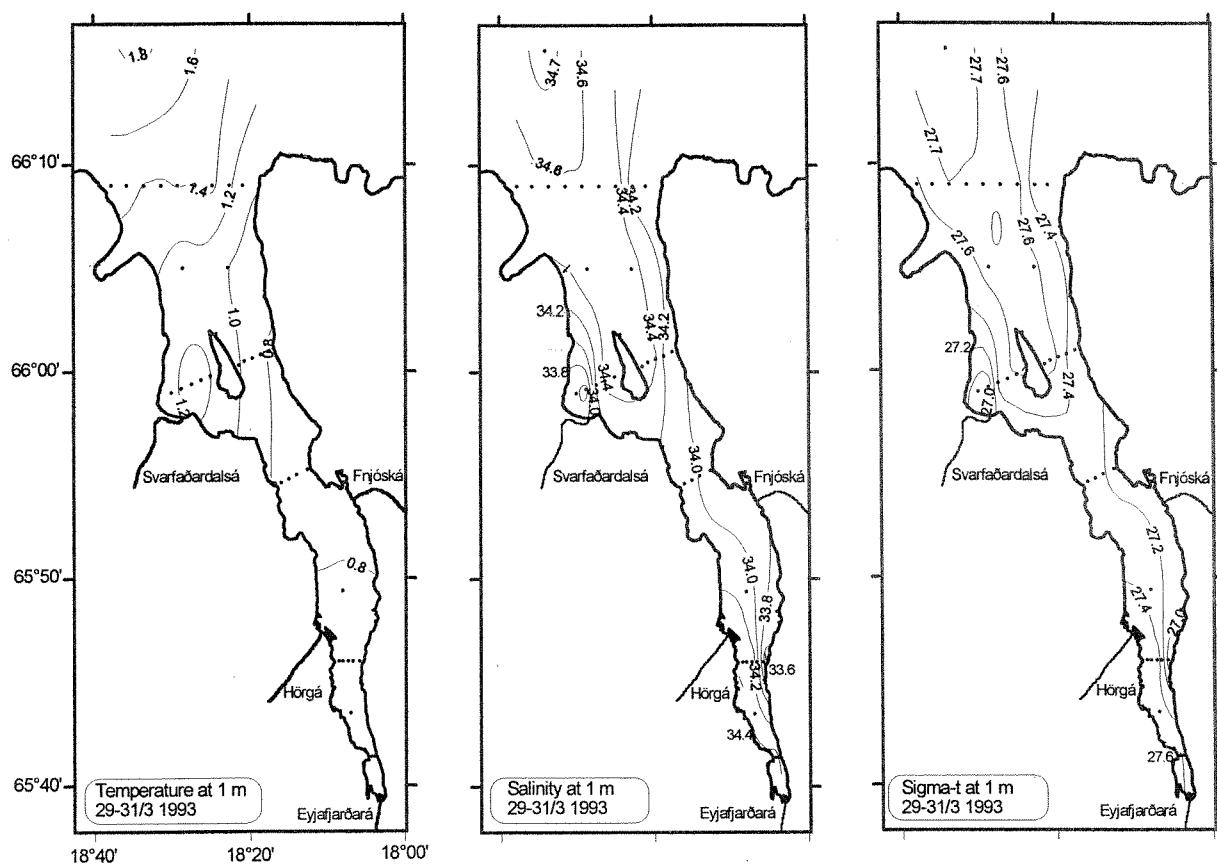


Figure 5.19.1. Horizontal sections of temperature, salinity and sigma-t.

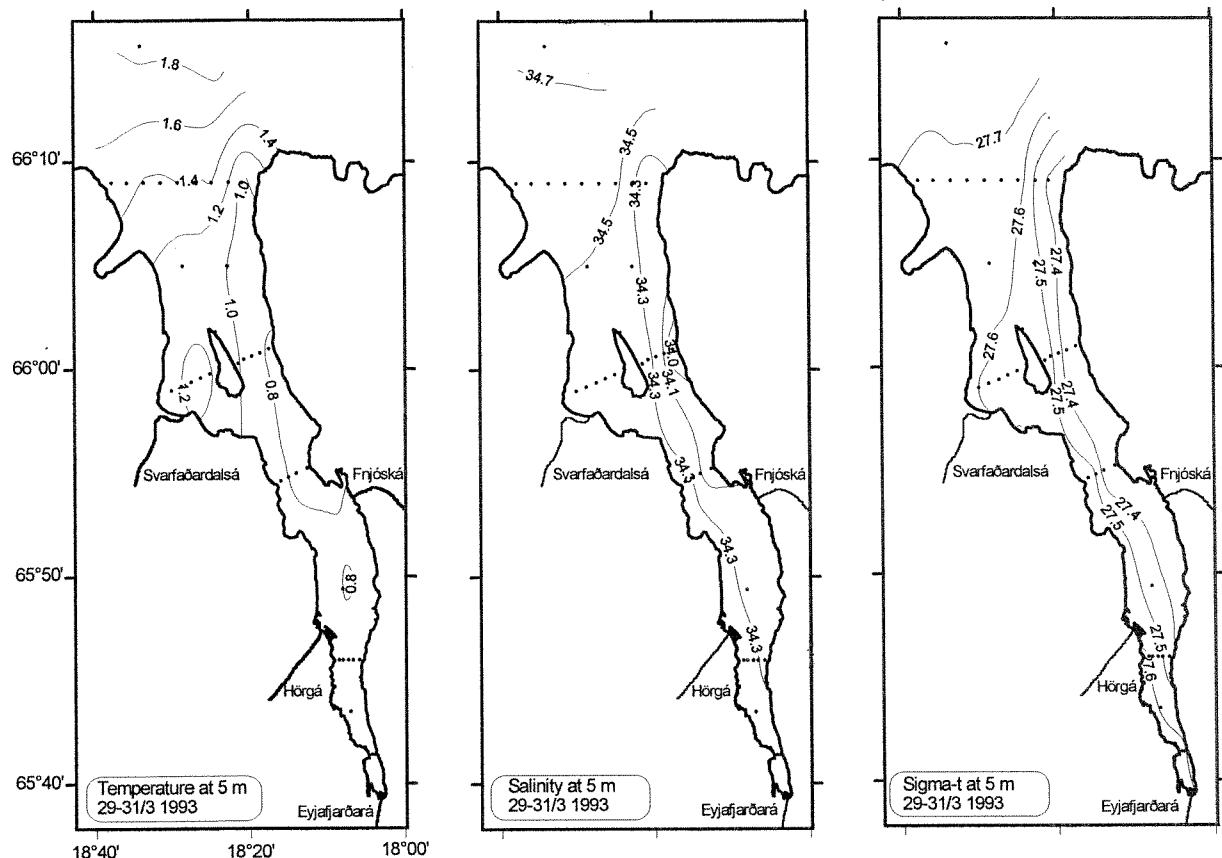


Figure 5.19.2. Horizontal sections of temperature, salinity and sigma-t.

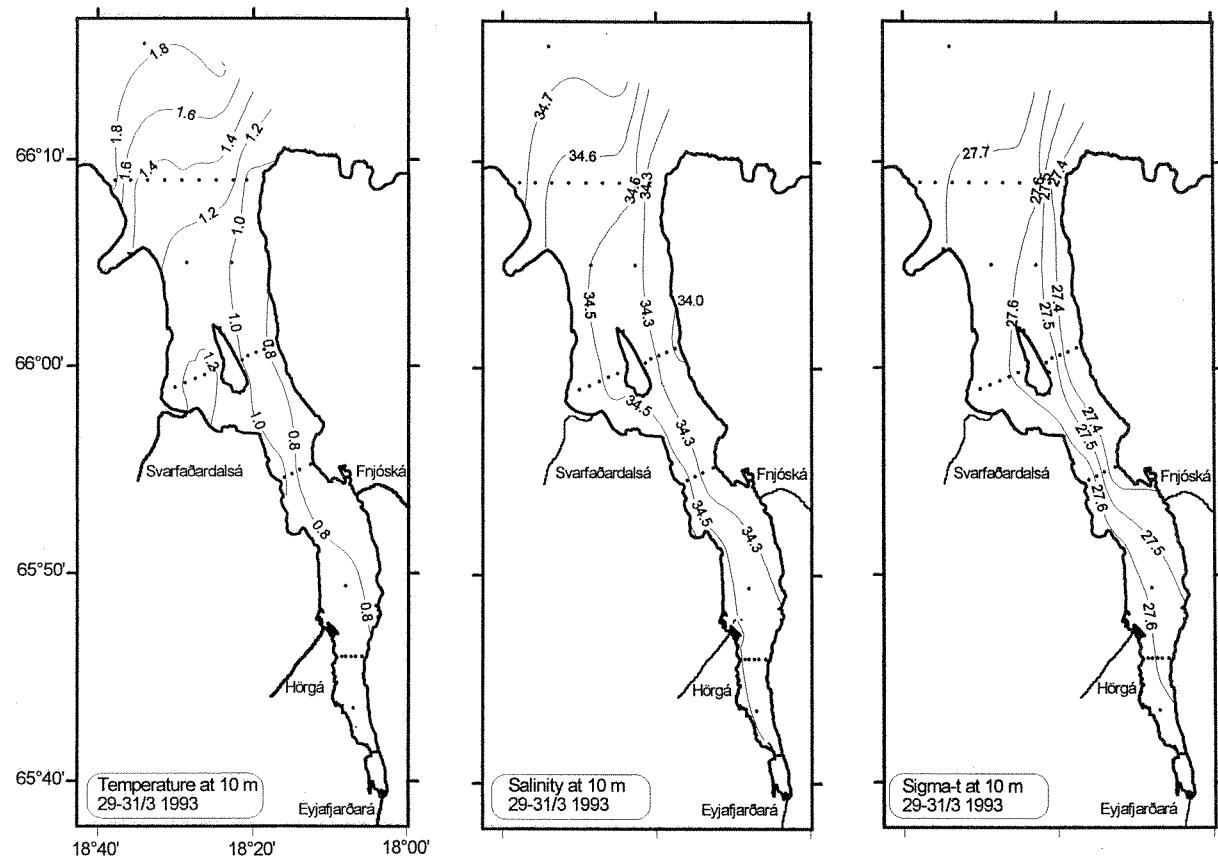


Figure 5.19.3. Horizontal sections of temperature, salinity and sigma-t.

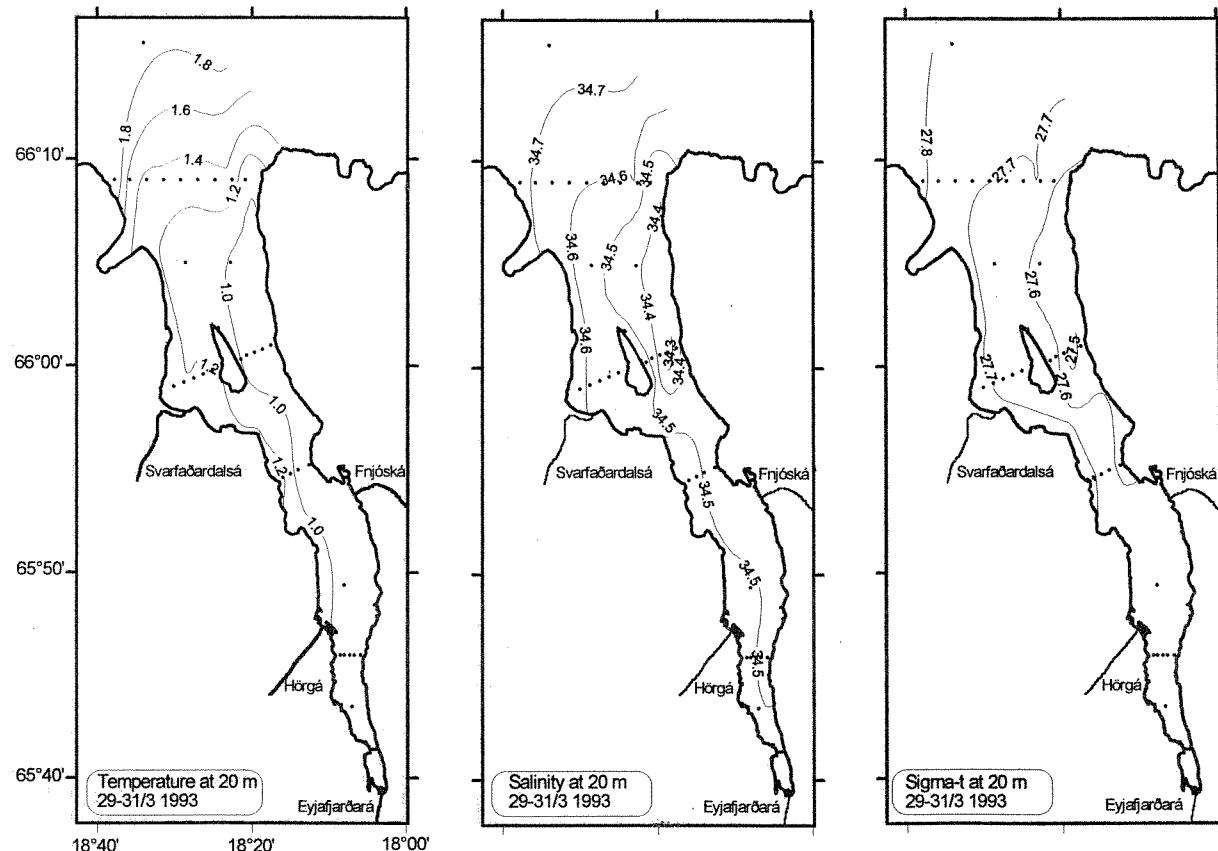


Figure 5.19.4. Horizontal sections of temperature, salinity and sigma-t.

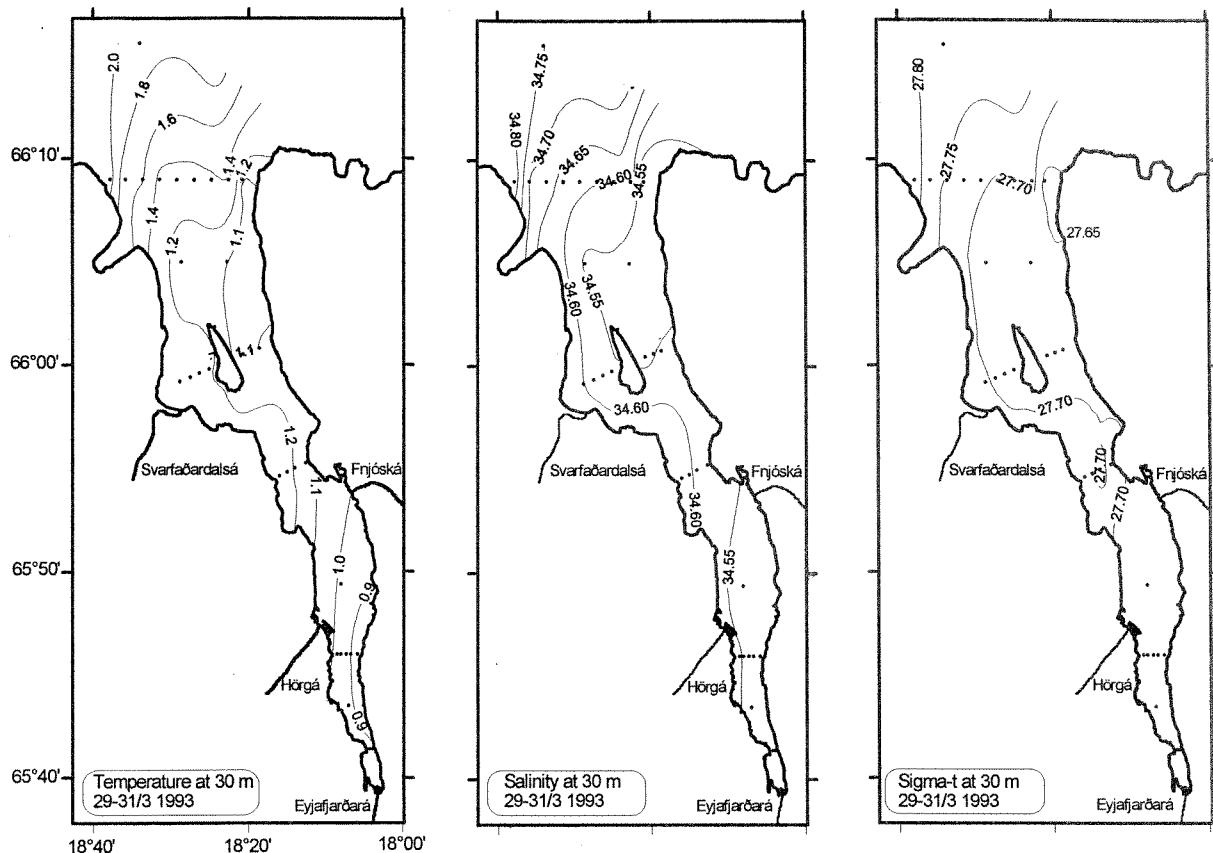


Figure 5.19.5. Horizontal sections of temperature, salinity and sigma-t.

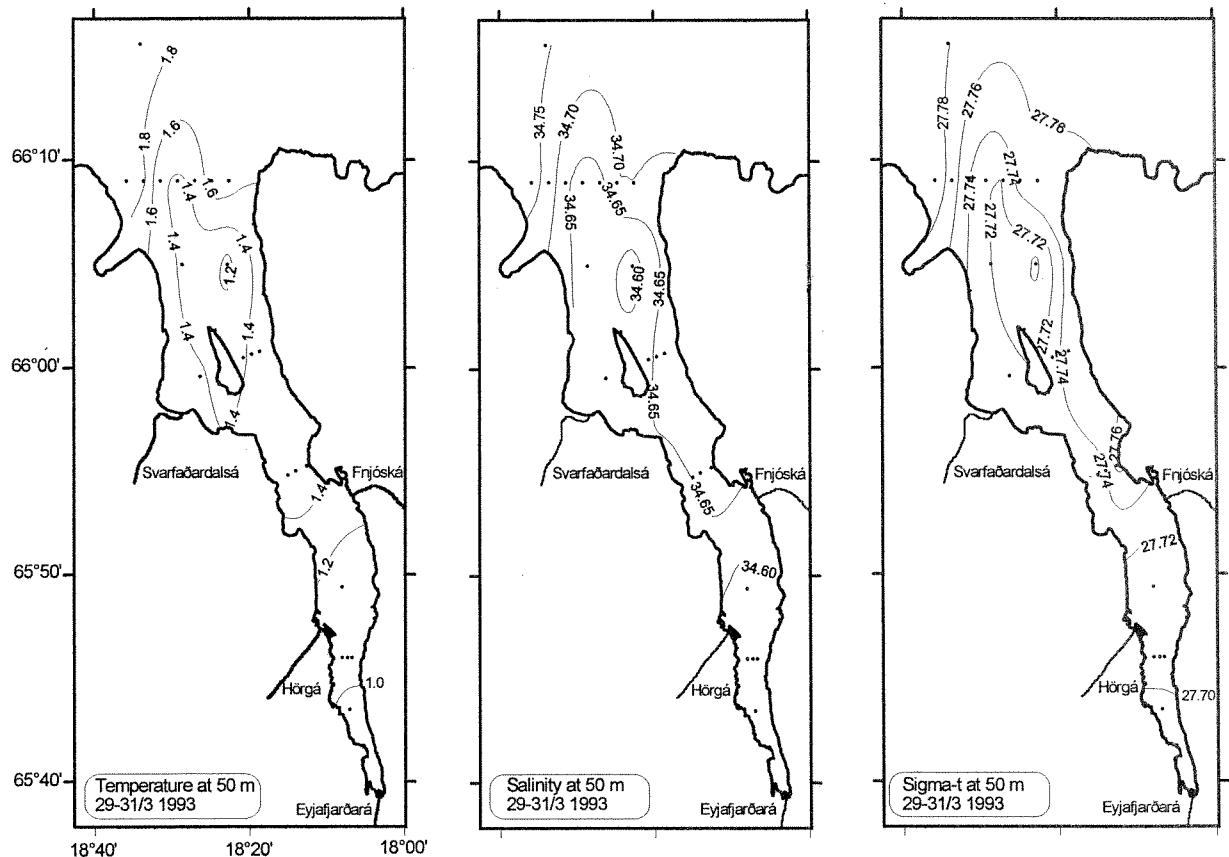


Figure 5.19.6. Horizontal sections of temperature, salinity and sigma-t.

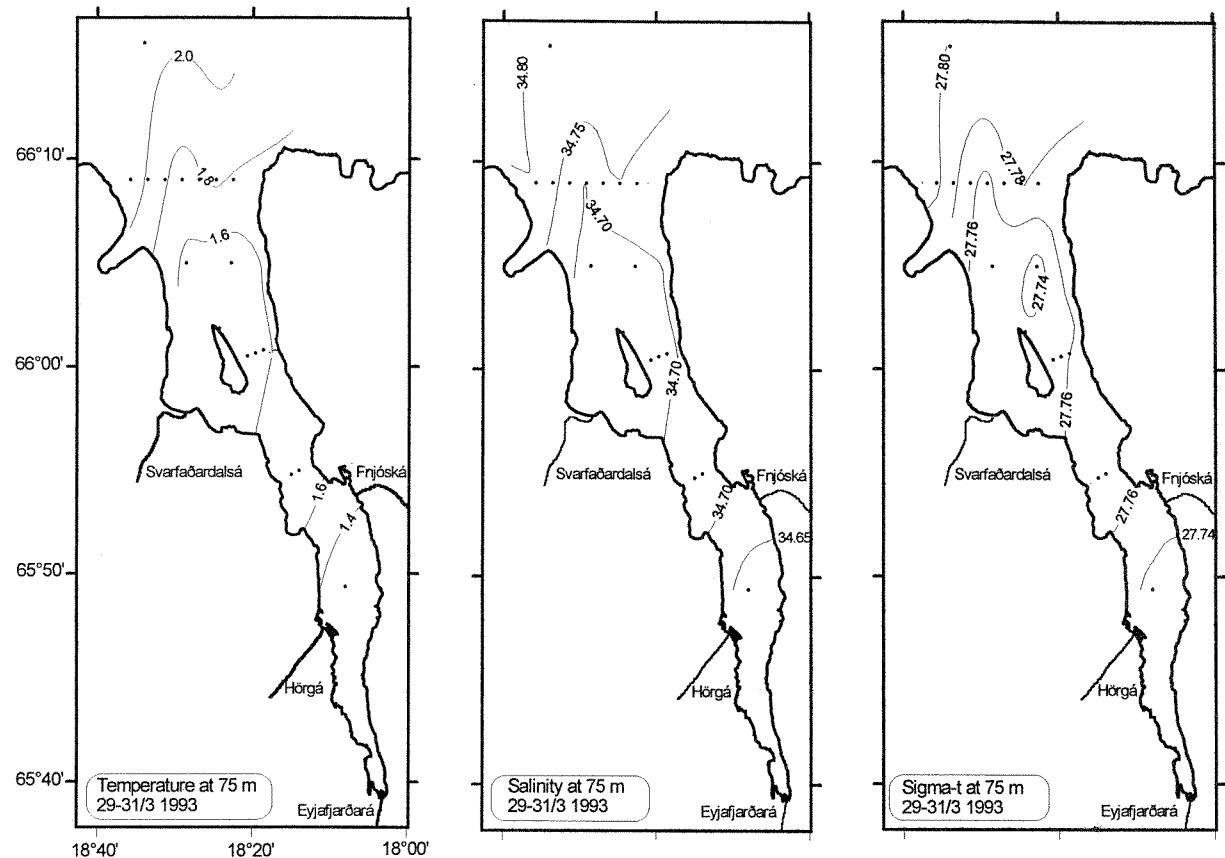


Figure 5.19.7. Horizontal sections of temperature, salinity and sigma-t.

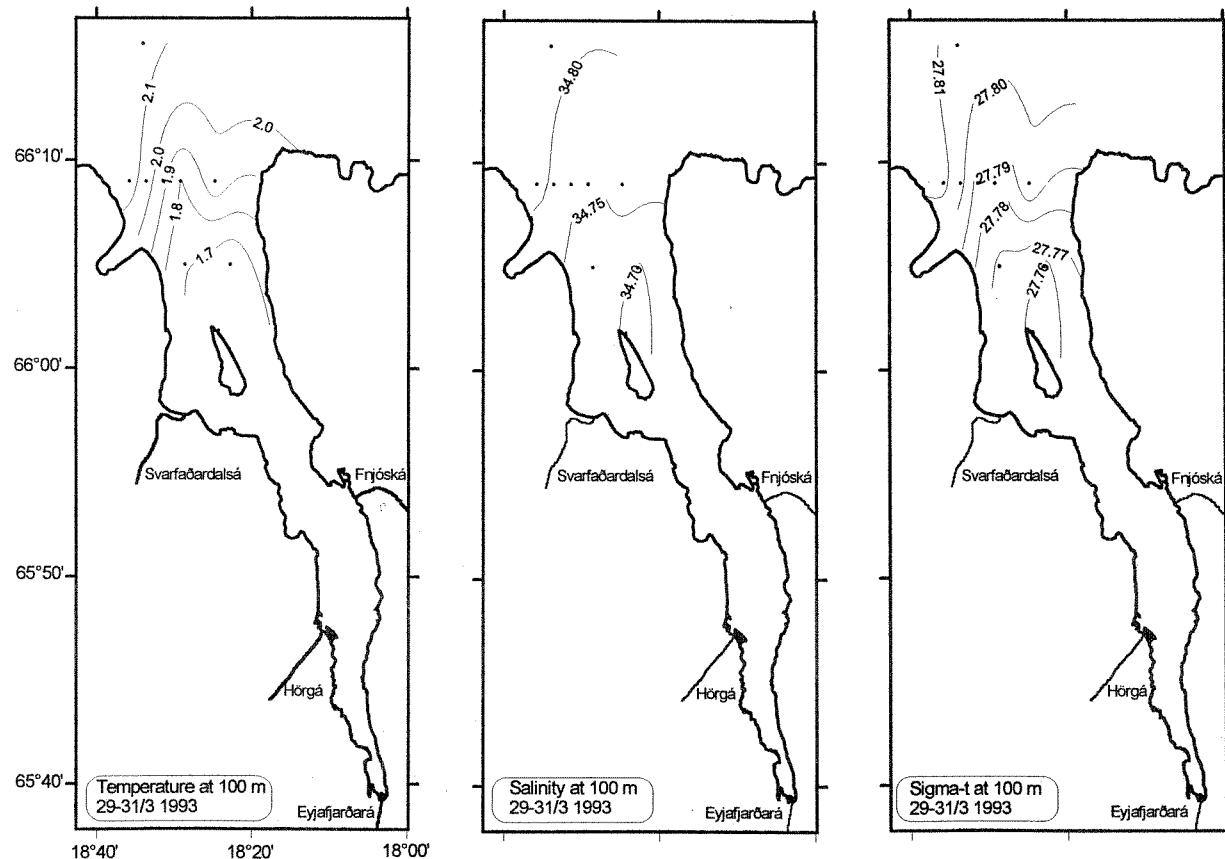


Figure 5.19.8. Horizontal sections of temperature, salinity and sigma-t.

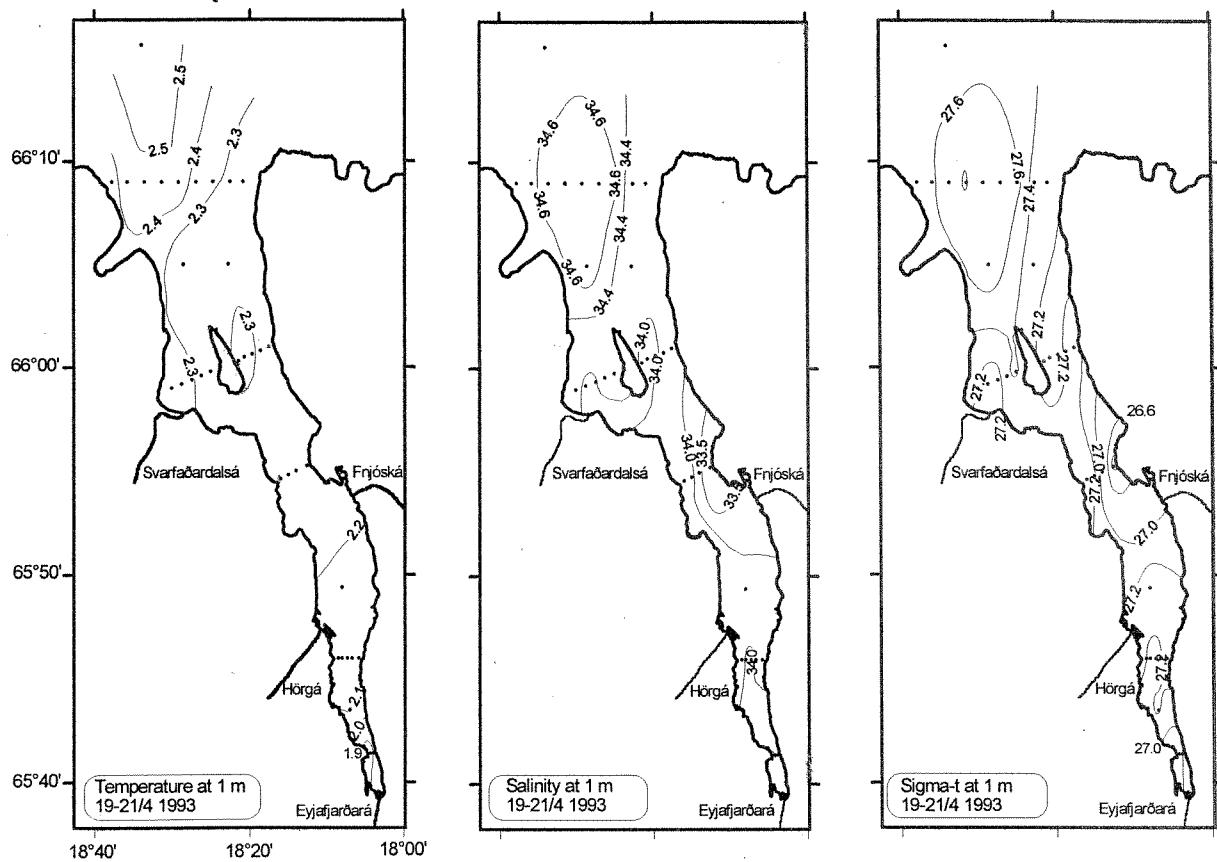


Figure 5.20.1. Horizontal sections of temperature, salinity and sigma-t.

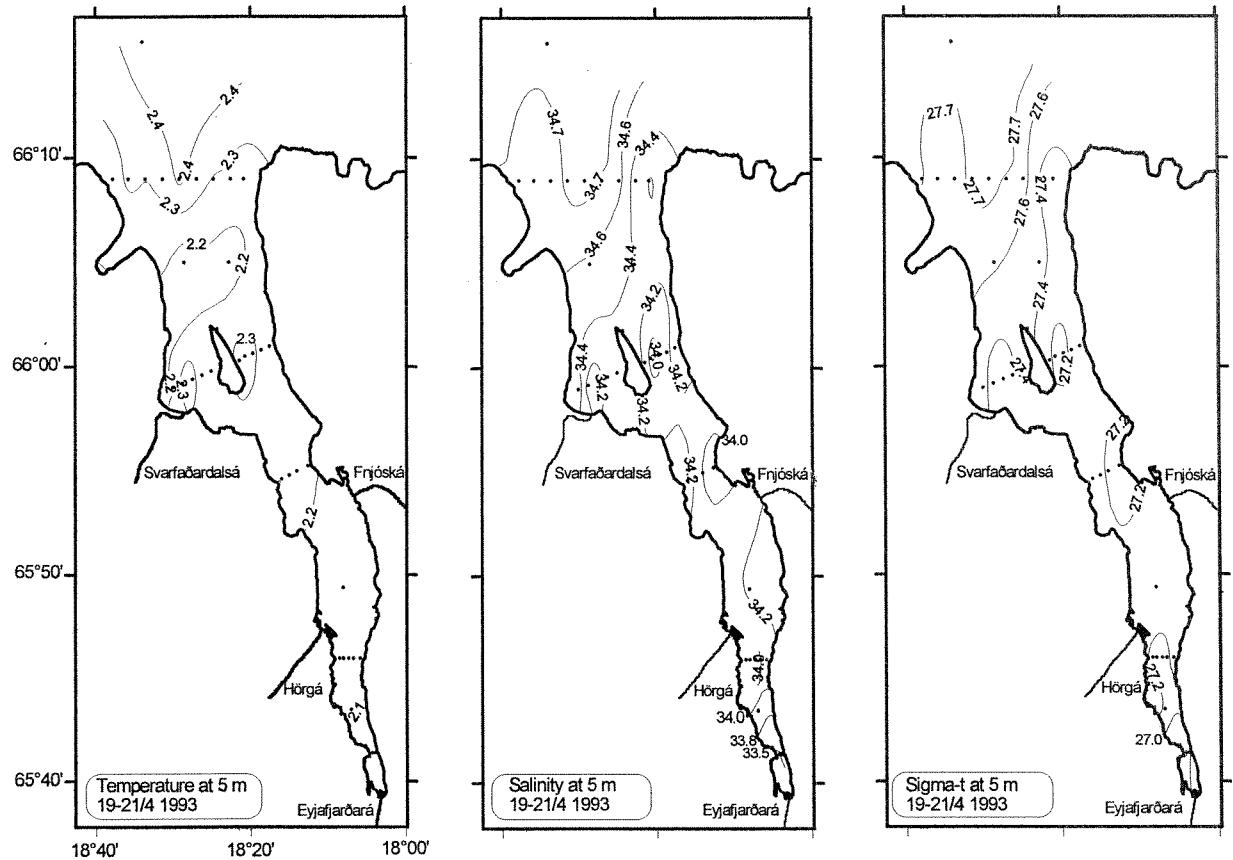


Figure 5.20.2. Horizontal sections of temperature, salinity and sigma-t.

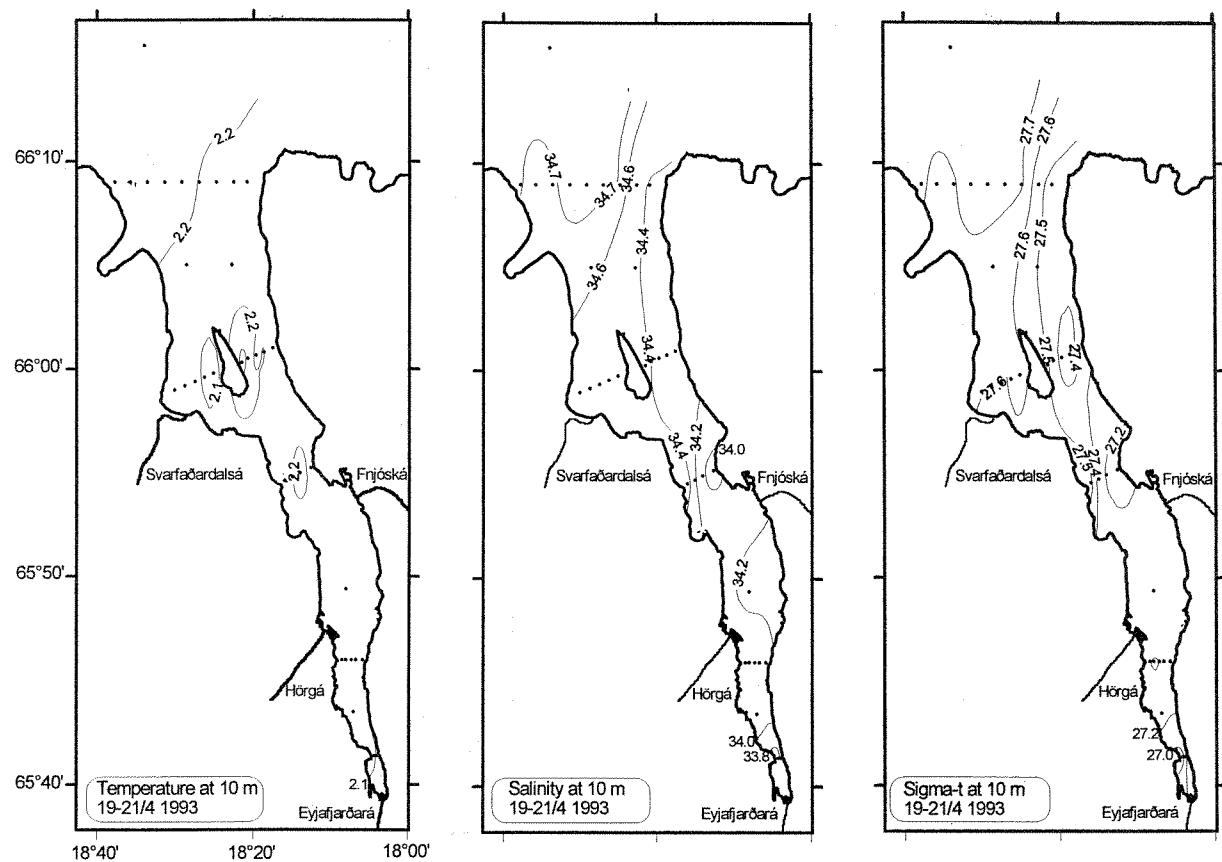


Figure 5.20.3. Horizontal sections of temperature, salinity and sigma-t.

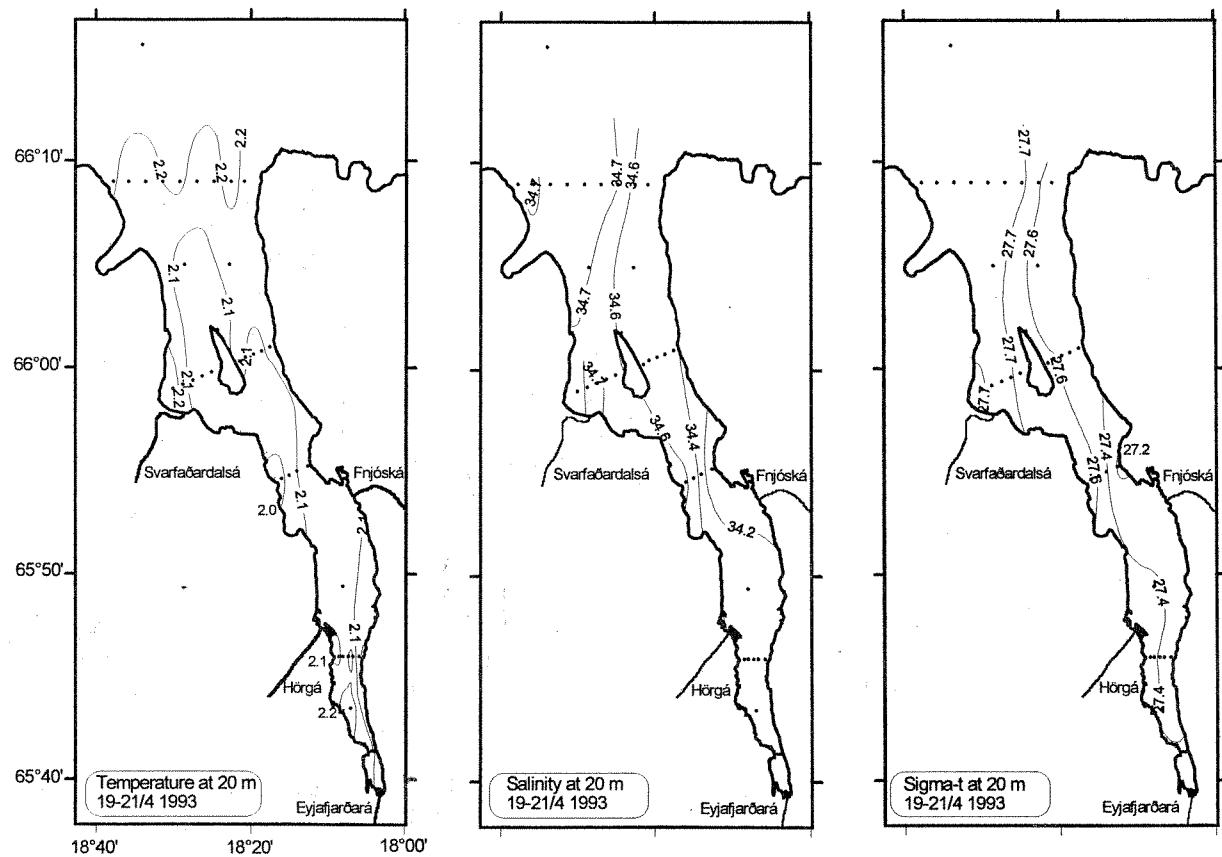


Figure 5.20.4. Horizontal sections of temperature, salinity and sigma-t.

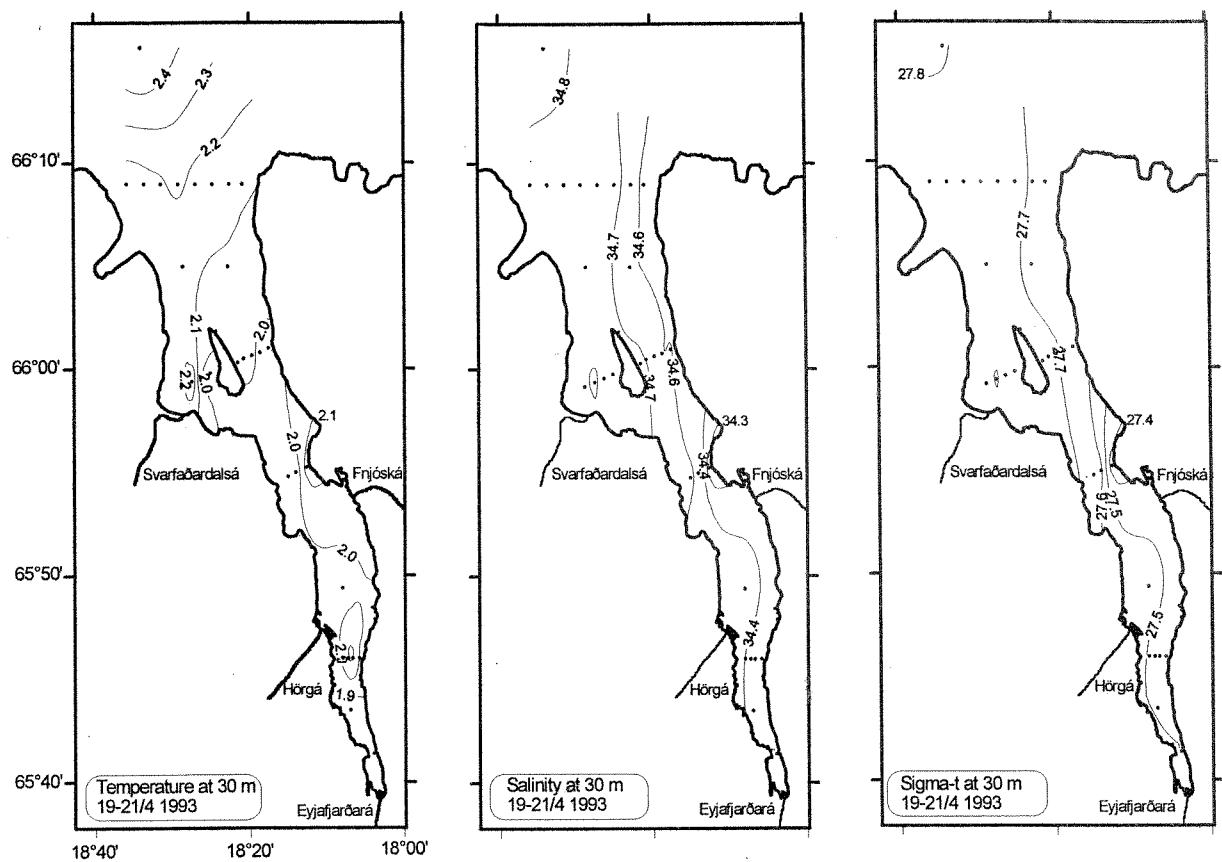


Figure 5.20.5. Horizontal sections of temperature, salinity and sigma-t.

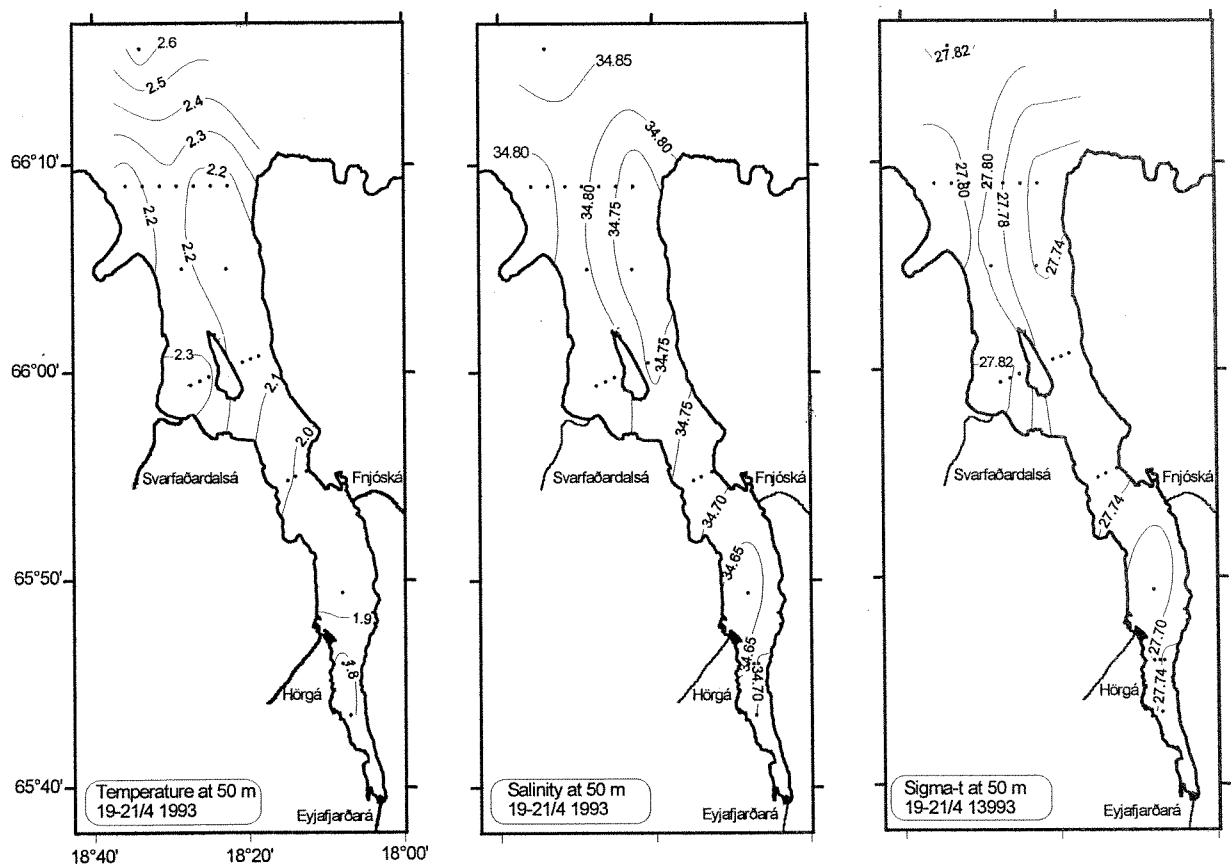


Figure 5.20.6. Horizontal sections of temperature, salinity and sigma-t.

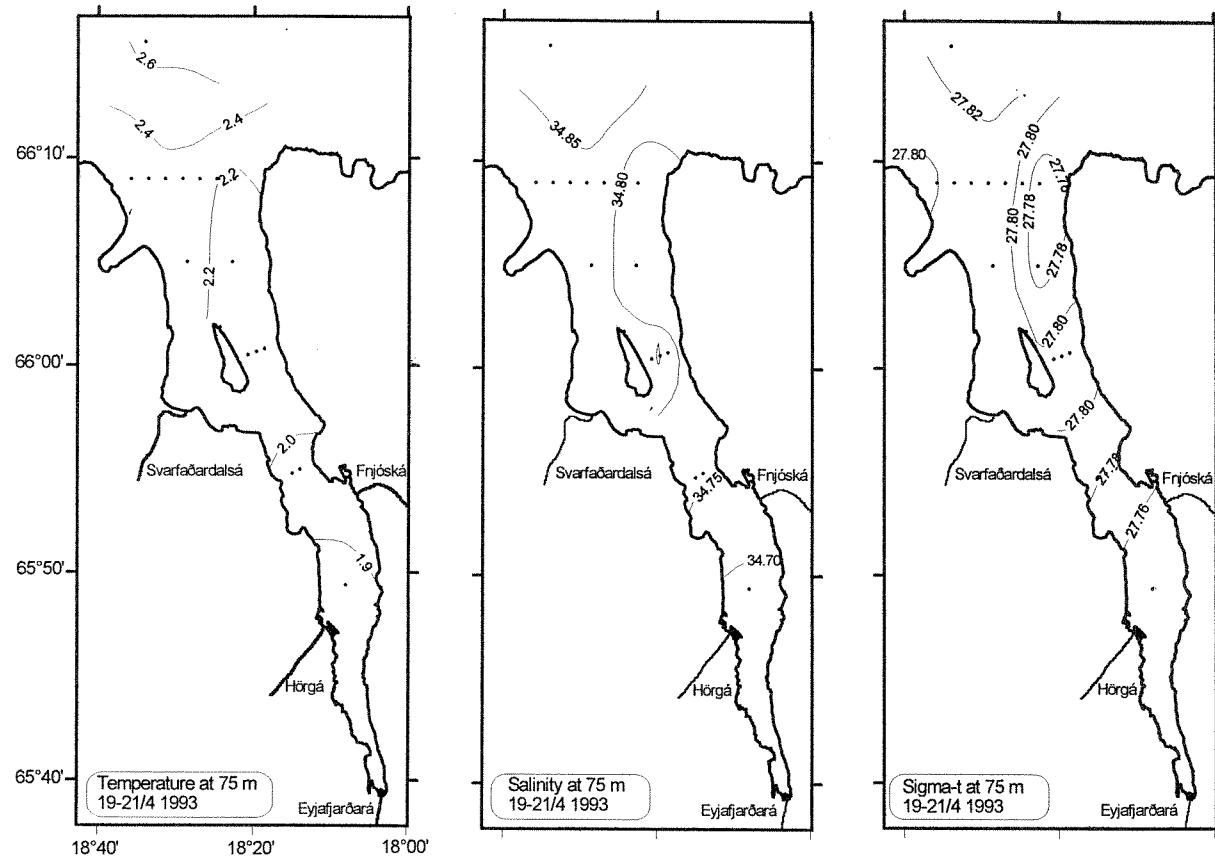


Figure 5.20.7. Horizontal sections of temperature, salinity and sigma-t.

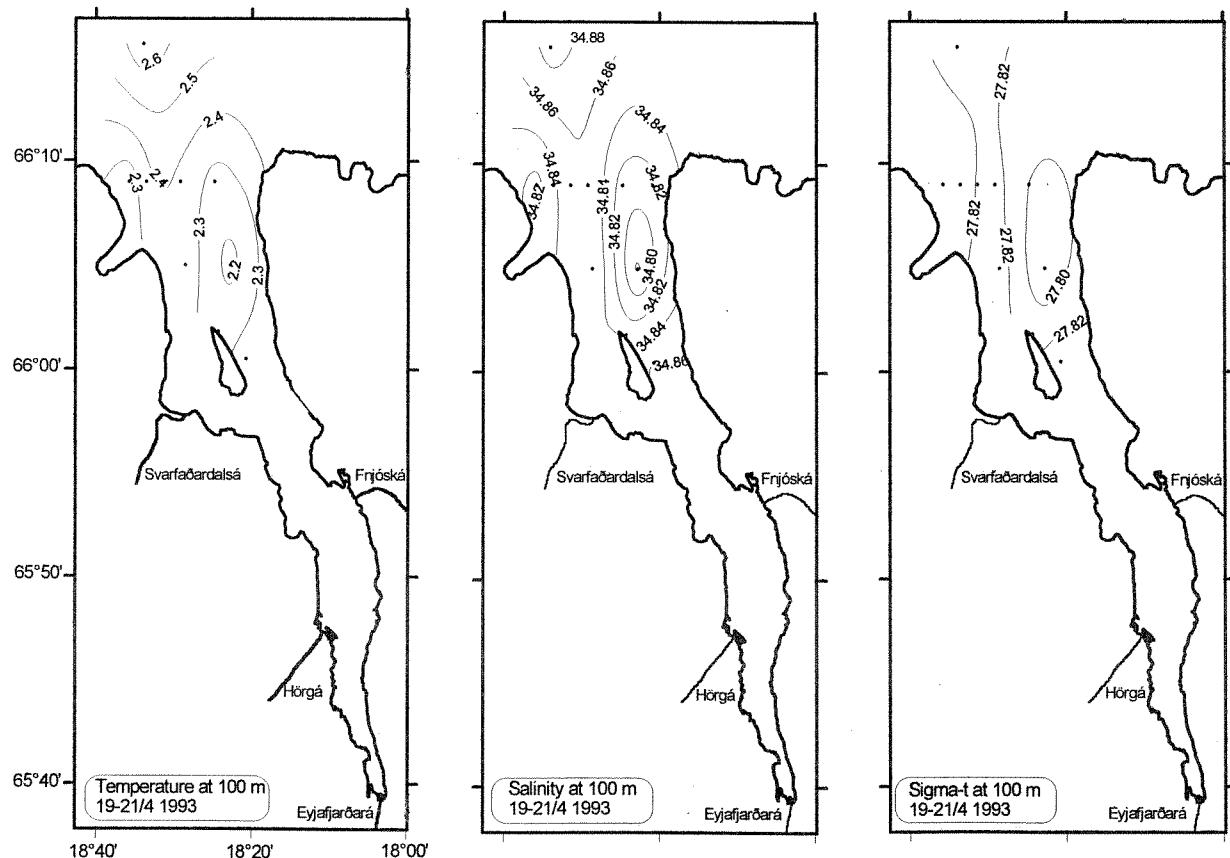


Figure 5.20.8. Horizontal sections of temperature, salinity and sigma-t.

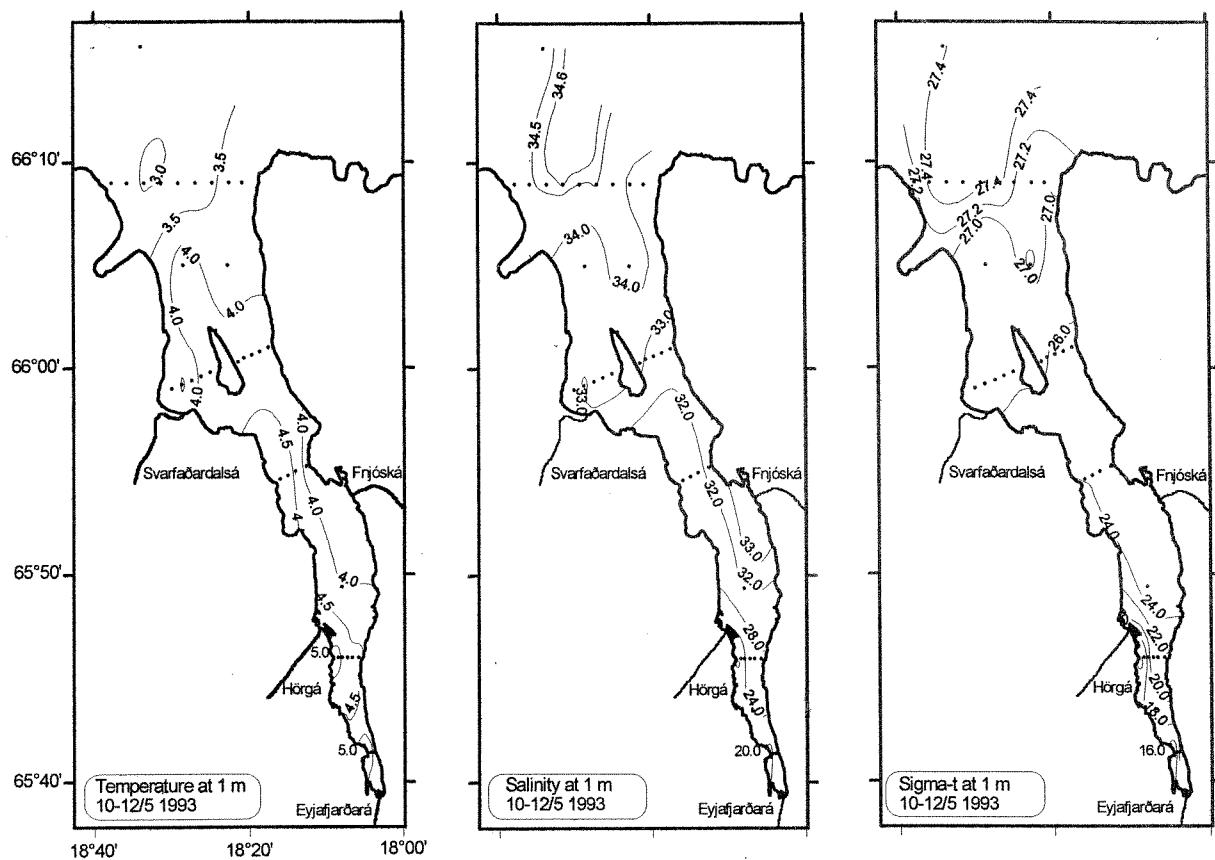


Figure 5.21.1. Horizontal sections of temperature, salinity and sigma-t.

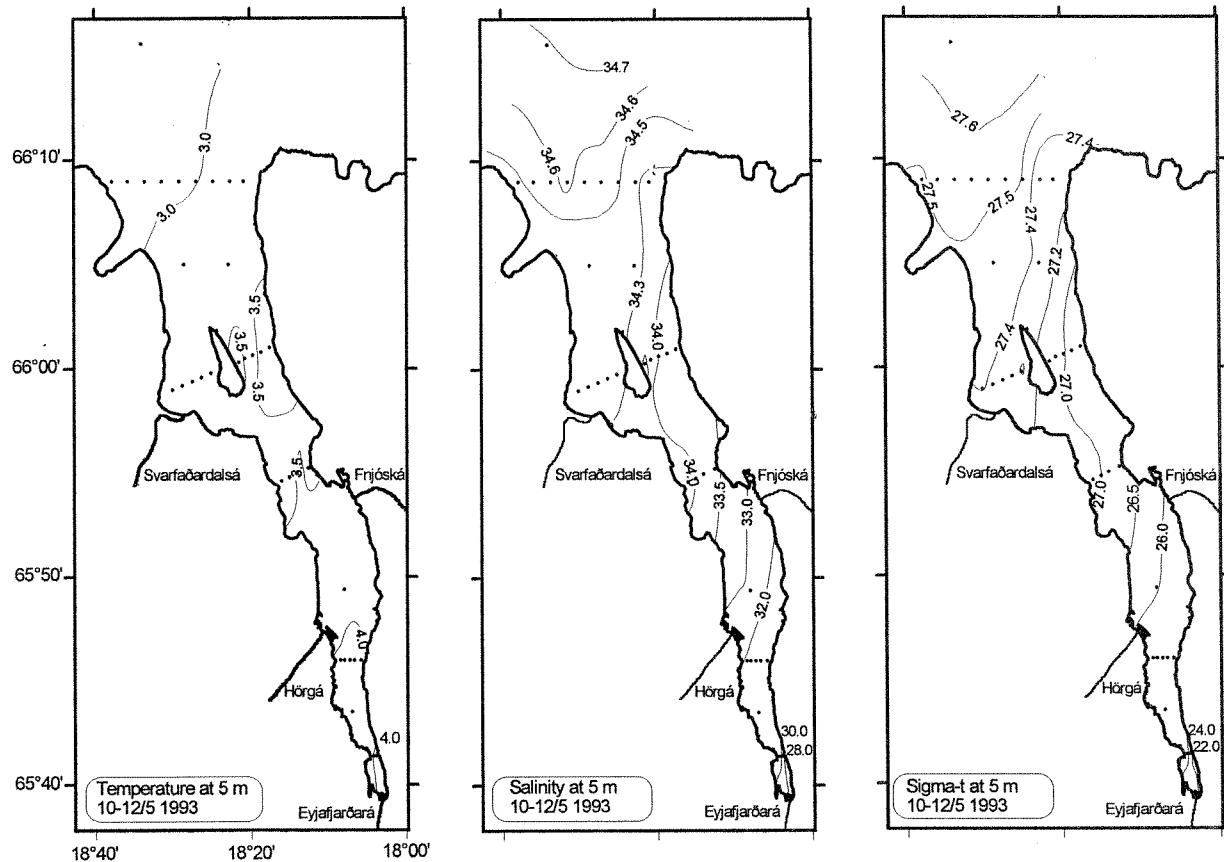


Figure 5.21.2. Horizontal sections of temperature, salinity and sigma-t.

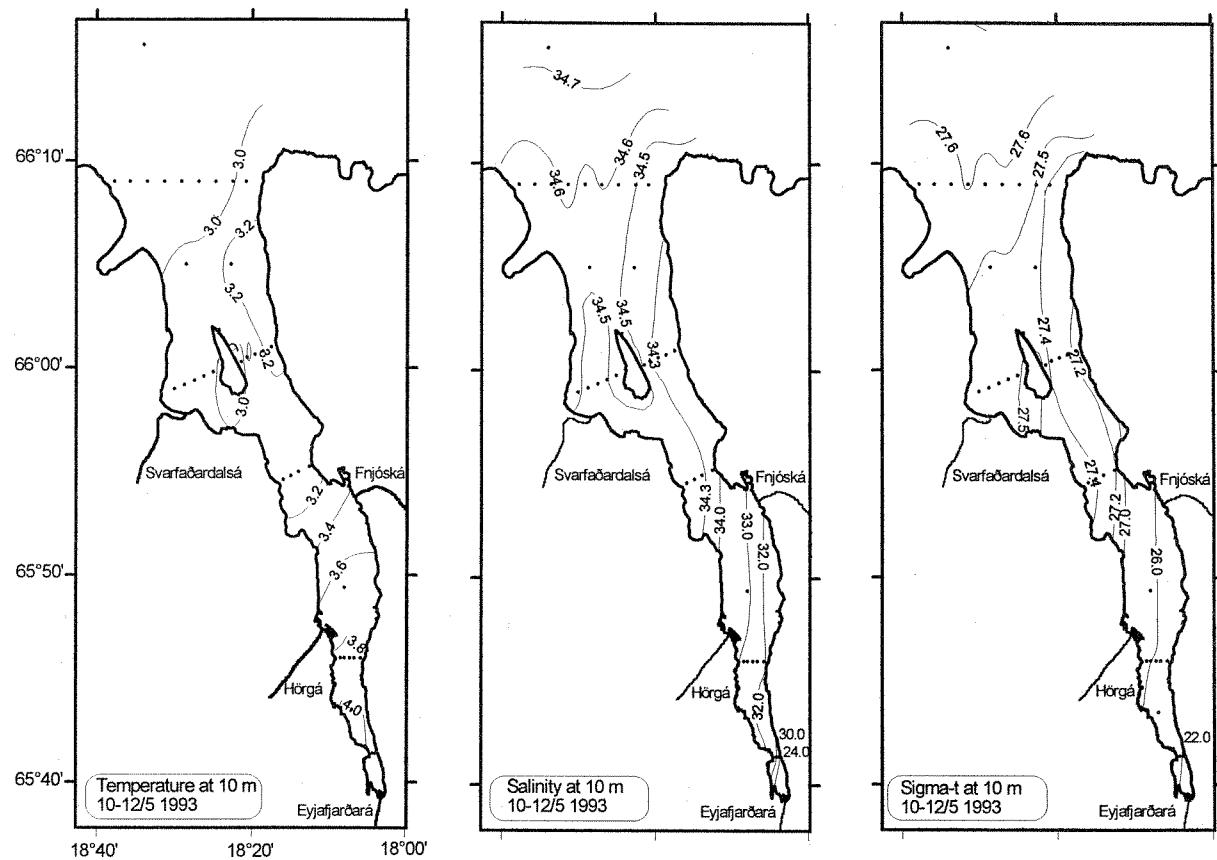


Figure 5.21.3. Horizontal sections of temperature, salinity and sigma-t.

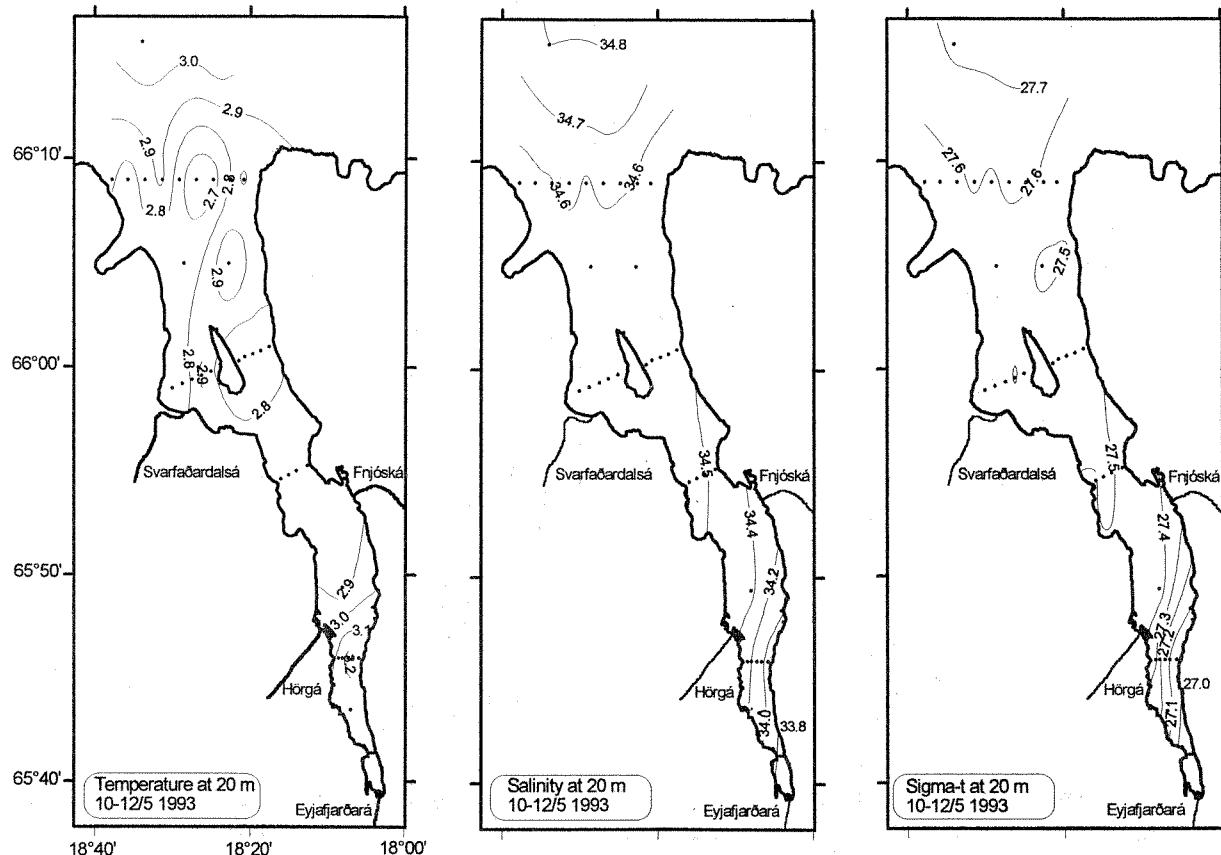


Figure 5.21.4. Horizontal sections of temperature, salinity and sigma-t.

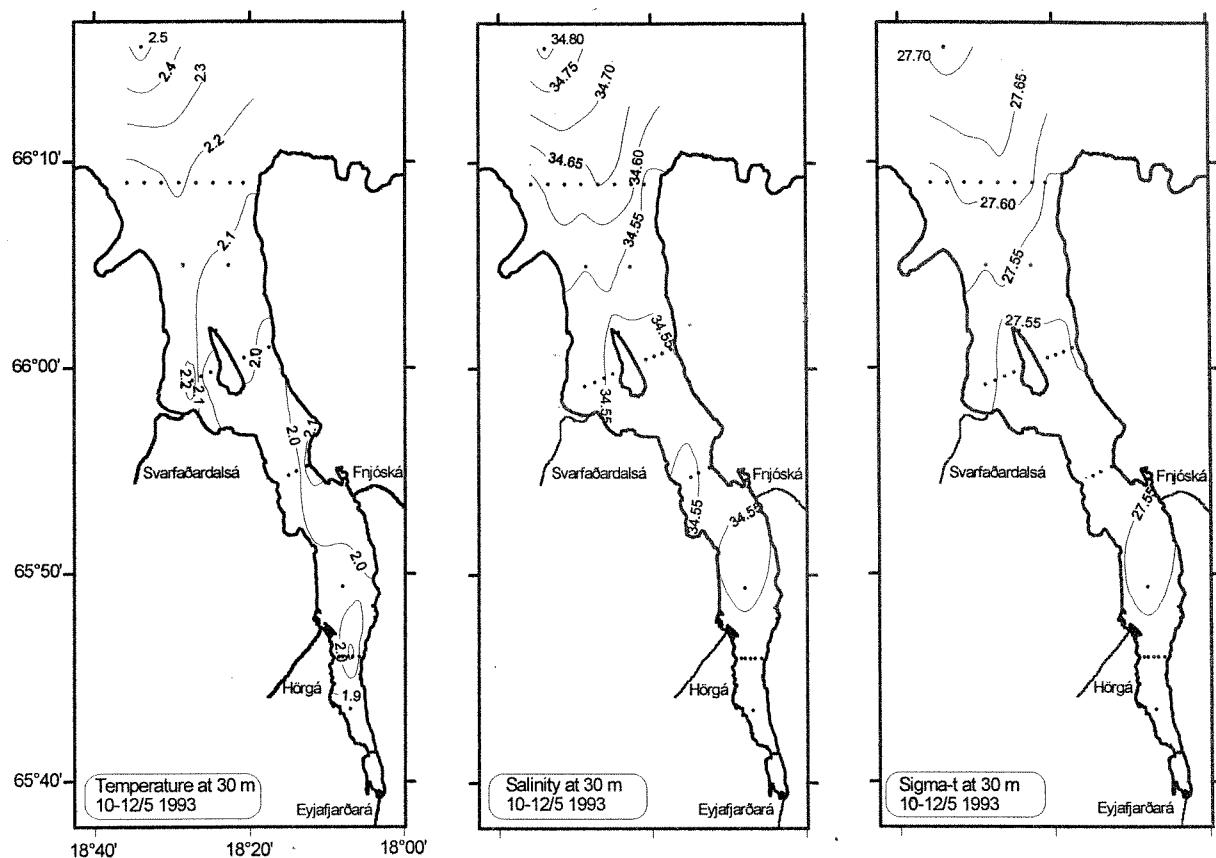


Figure 5.21.5. Horizontal sections of temperature, salinity and sigma-t.

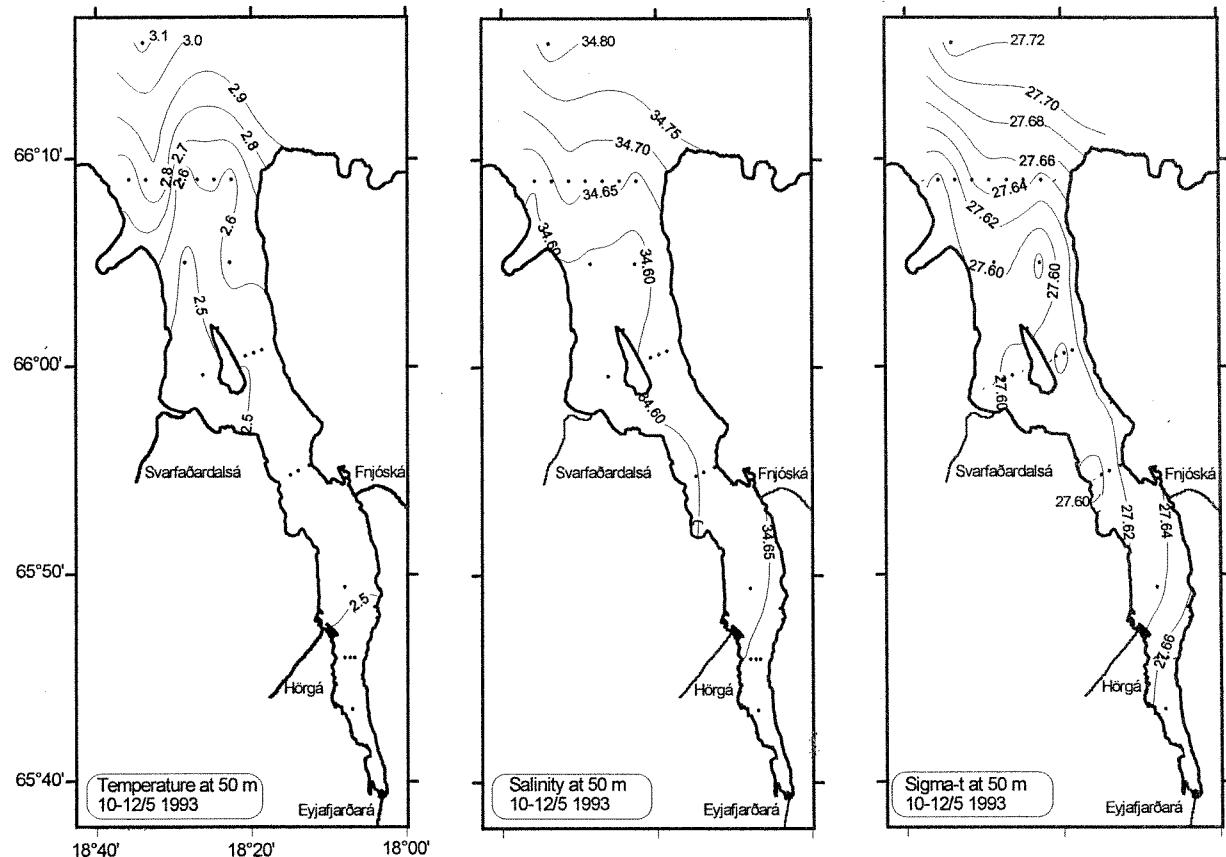


Figure 5.21.6. Horizontal sections of temperature, salinity and sigma-t.

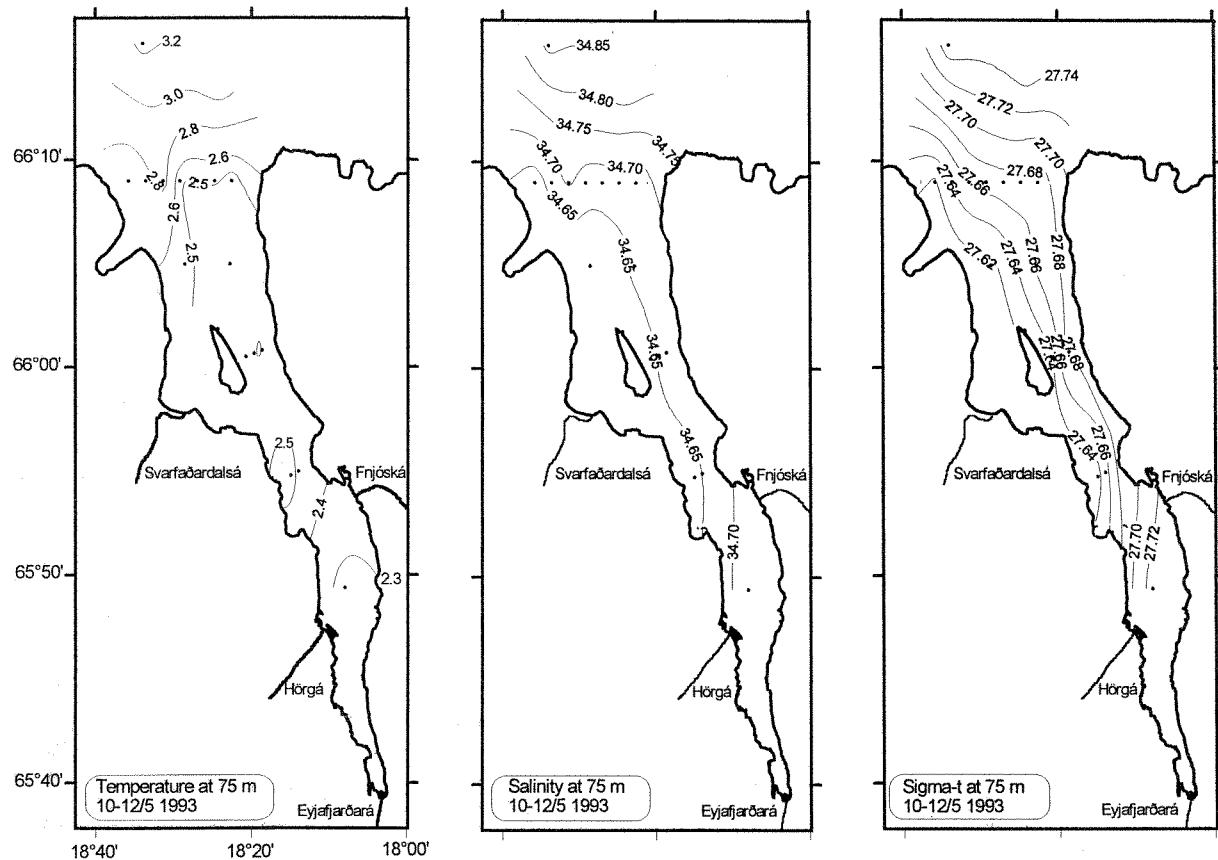


Figure 5.21.7. Horizontal sections of temperature, salinity and sigma-t.

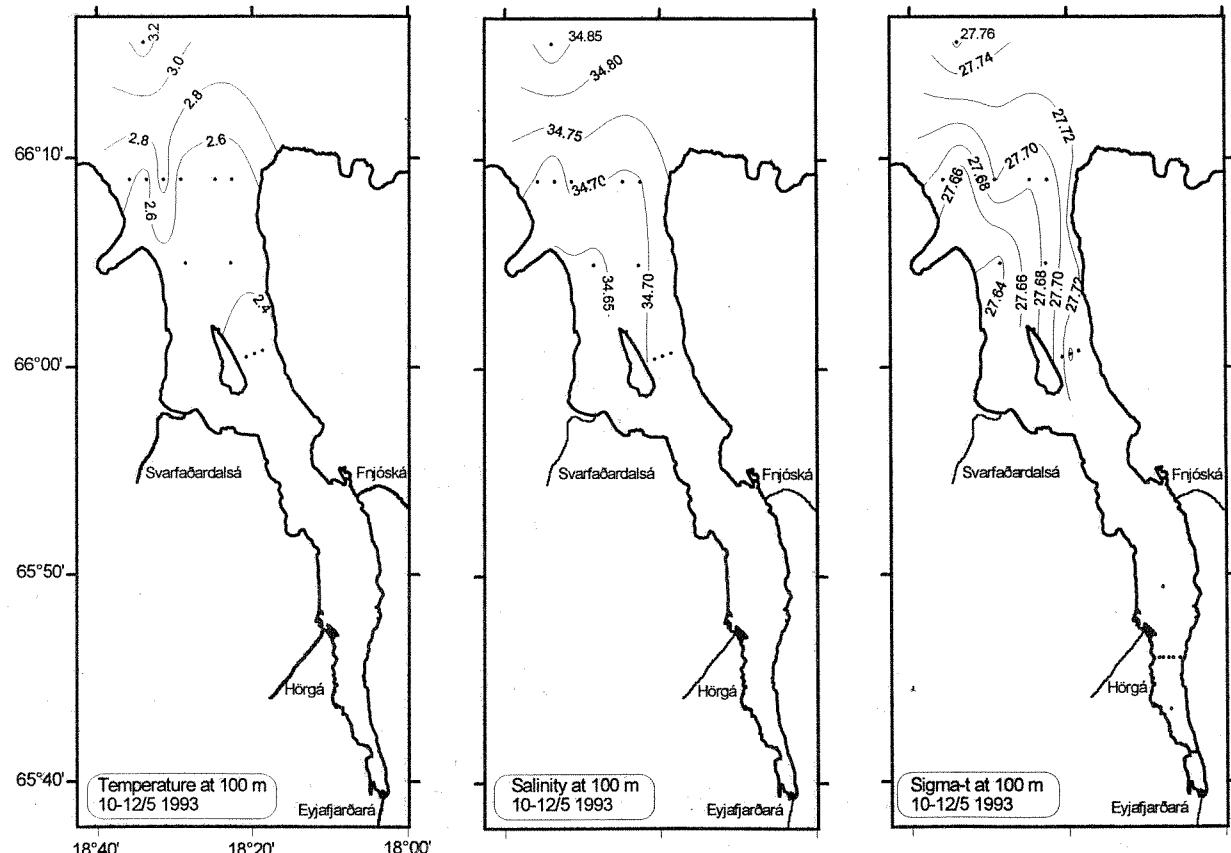


Figure 5.21.8. Horizontal sections of temperature, salinity and sigma-t.

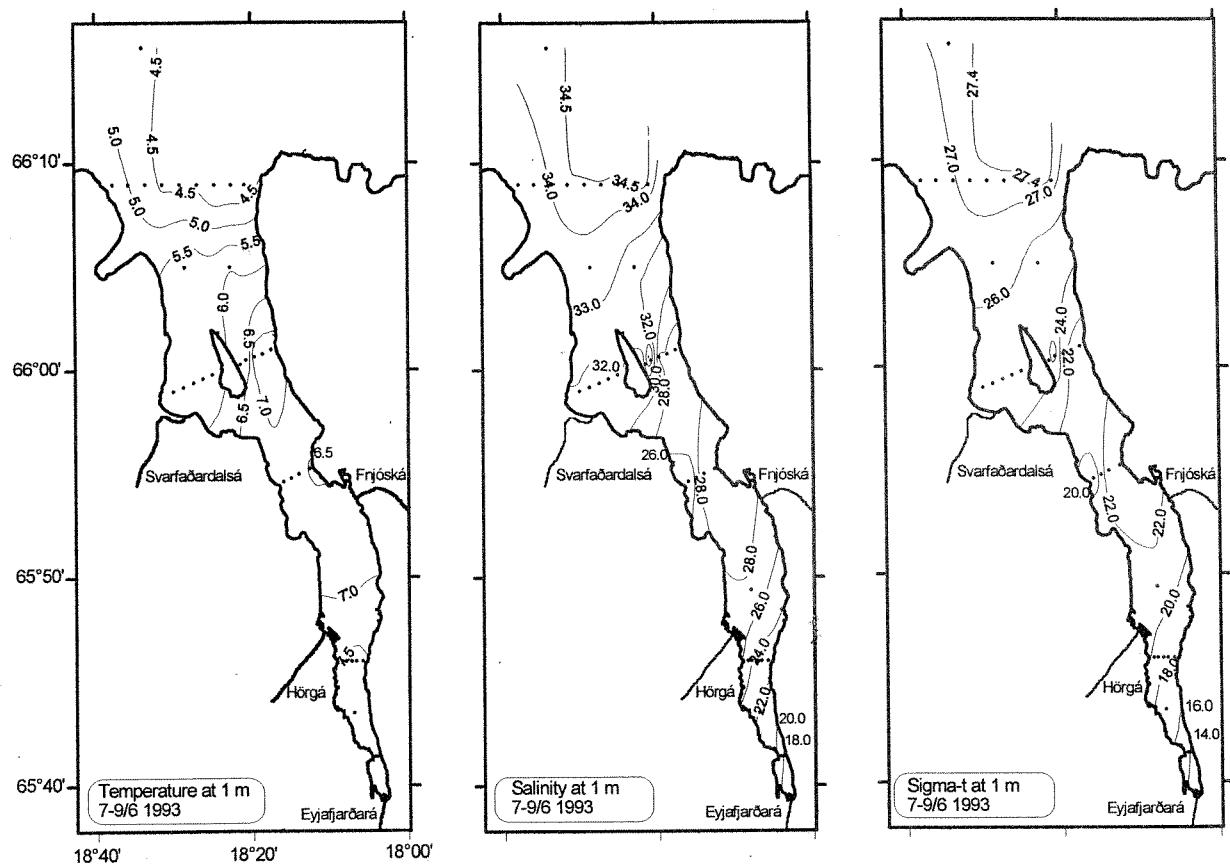


Figure 5.22.1. Horizontal sections of temperature, salinity and sigma-t.

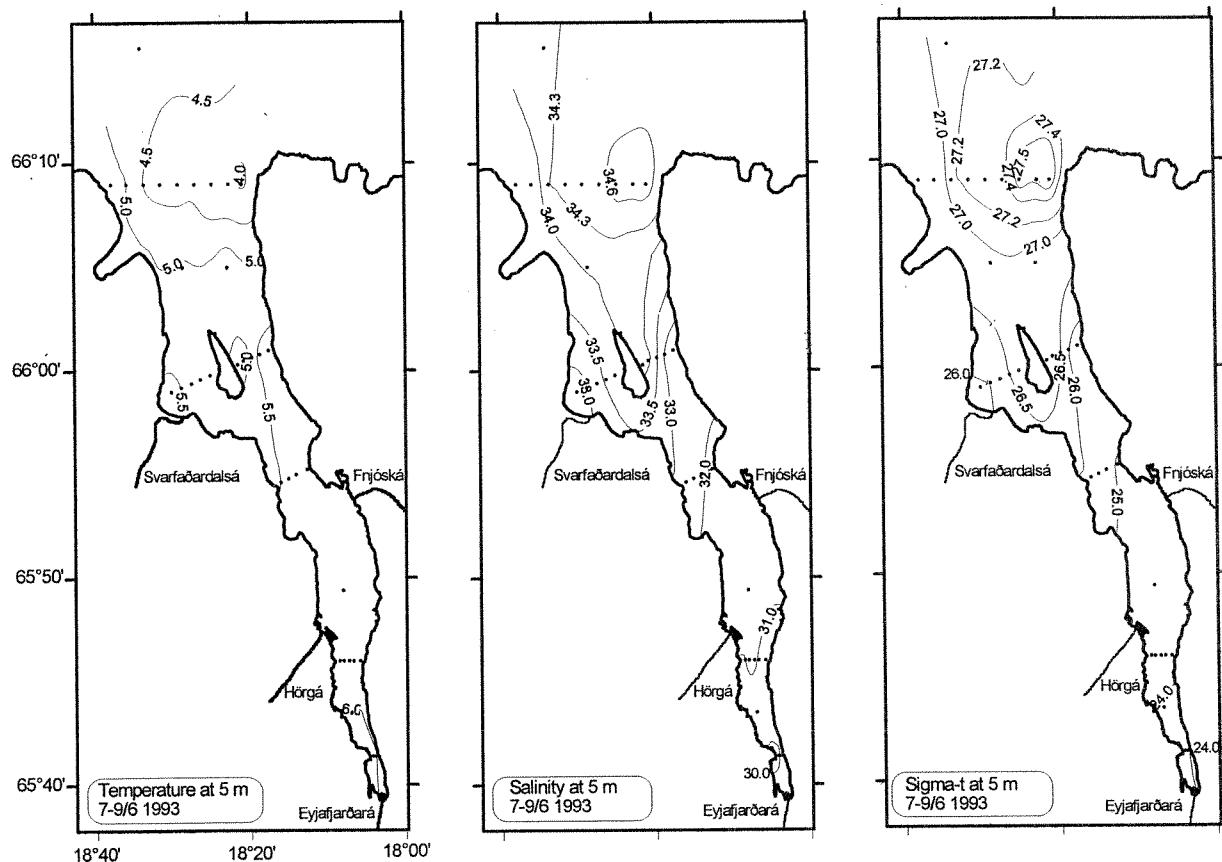


Figure 5.22.2. Horizontal sections of temperature, salinity and sigma-t.

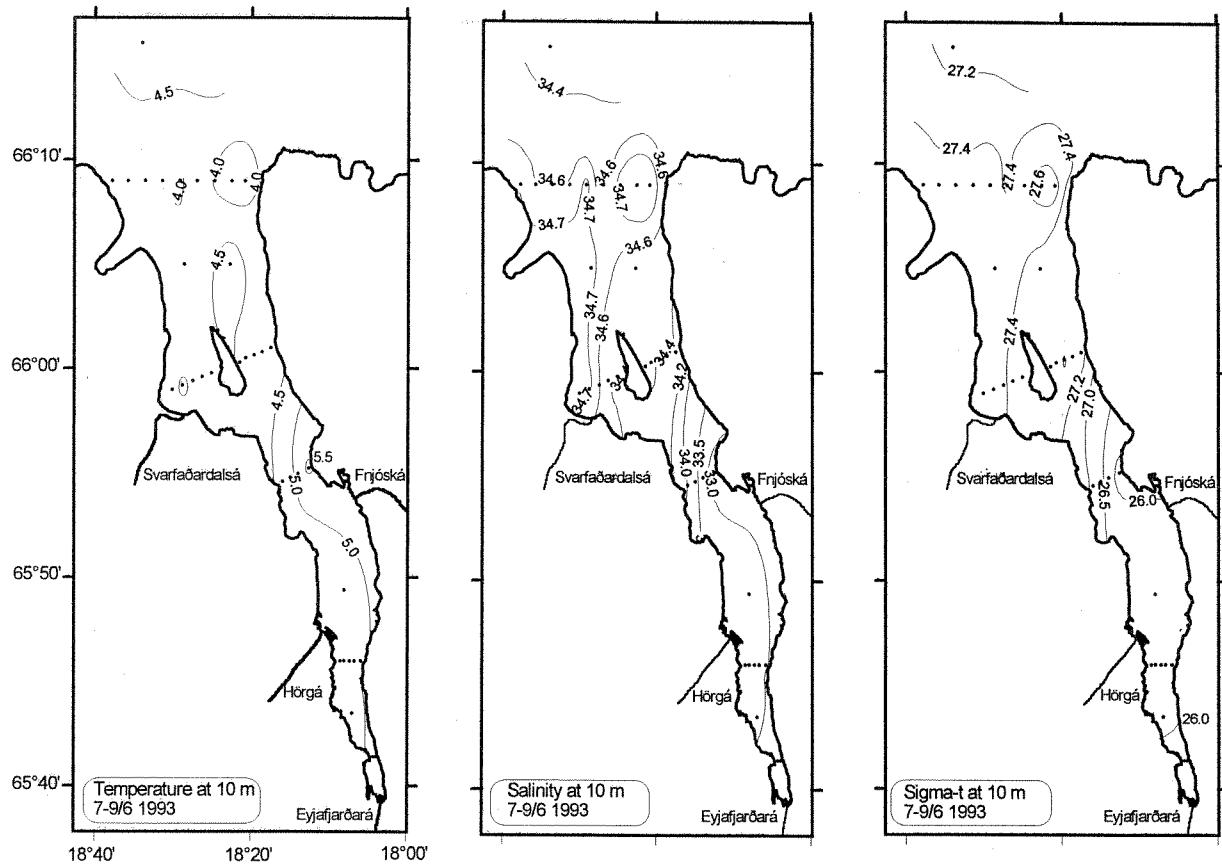


Figure 5.22.3. Horizontal sections of temperature, salinity and sigma-t.

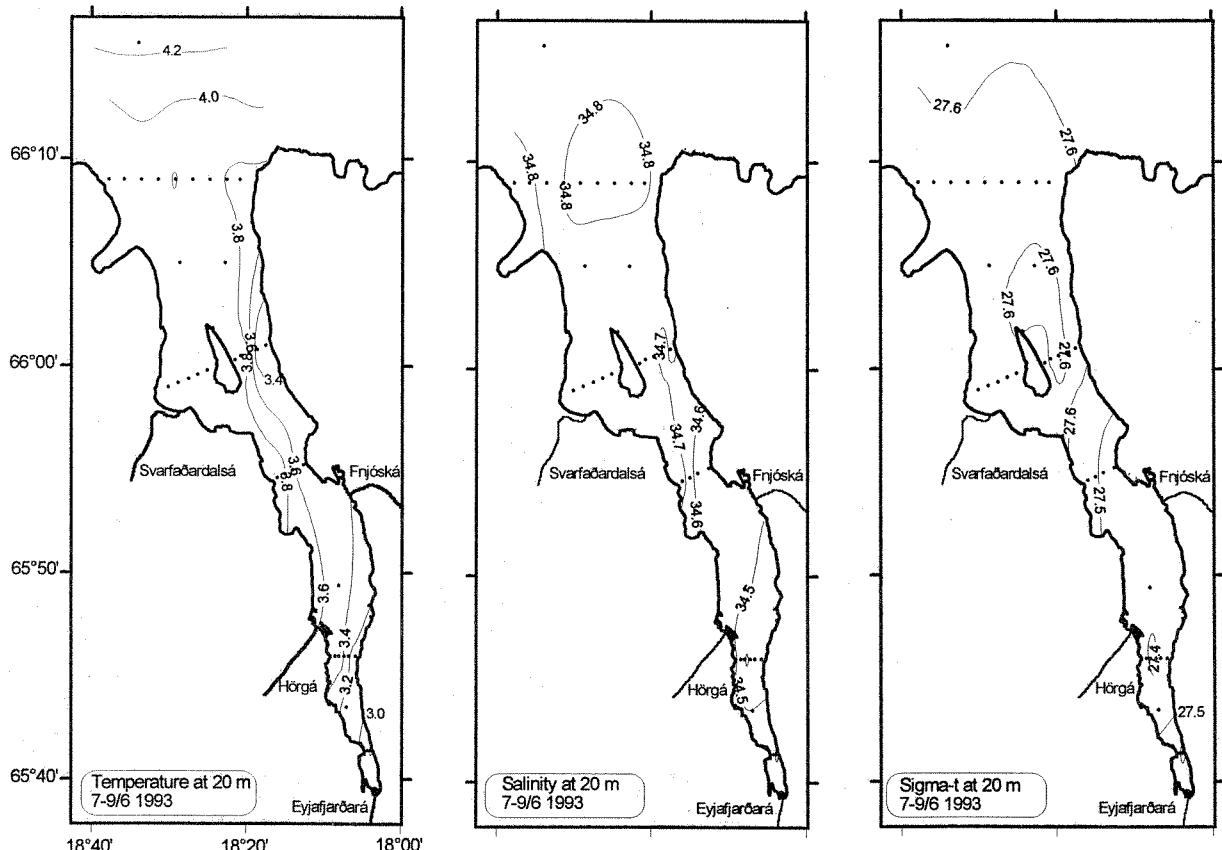


Figure 5.22.4. Horizontal sections of temperature, salinity and sigma-t.

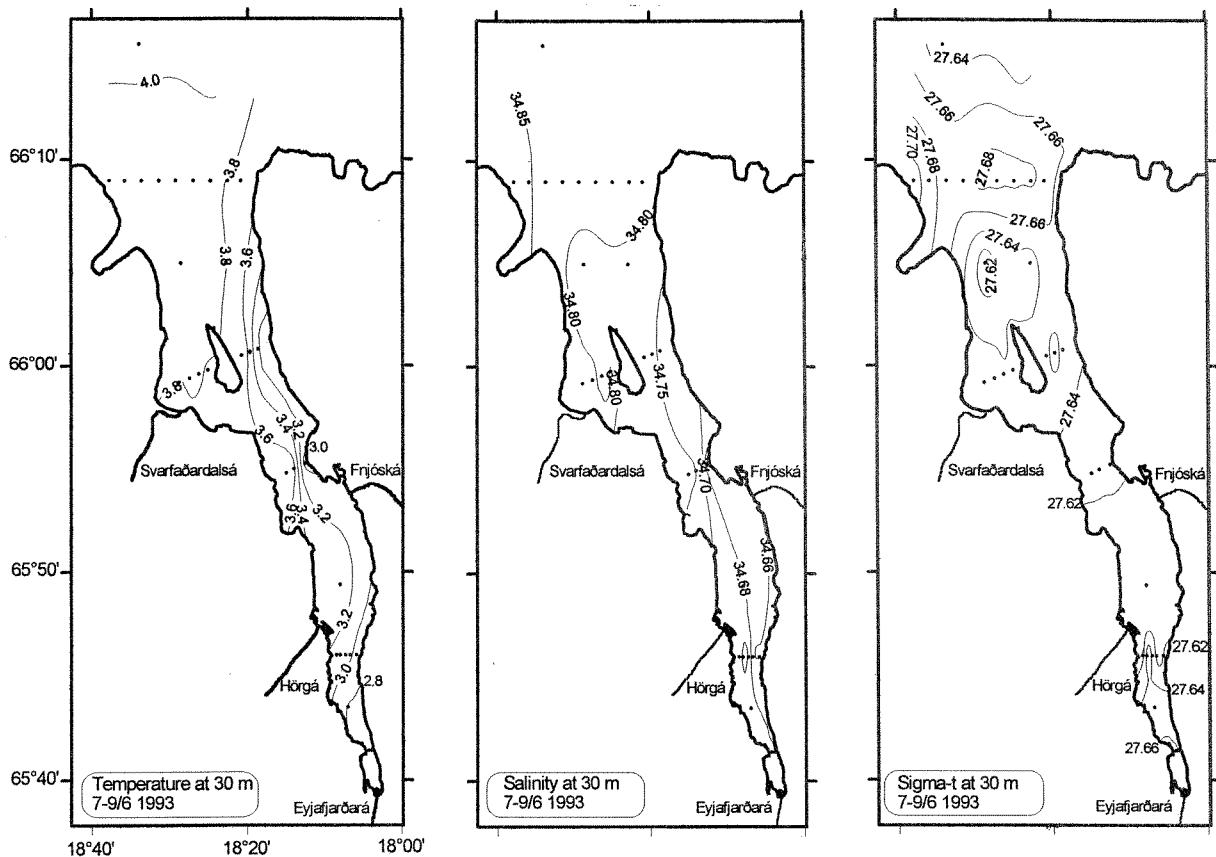


Figure 5.22.5. Horizontal sections of temperature, salinity and sigma-t.

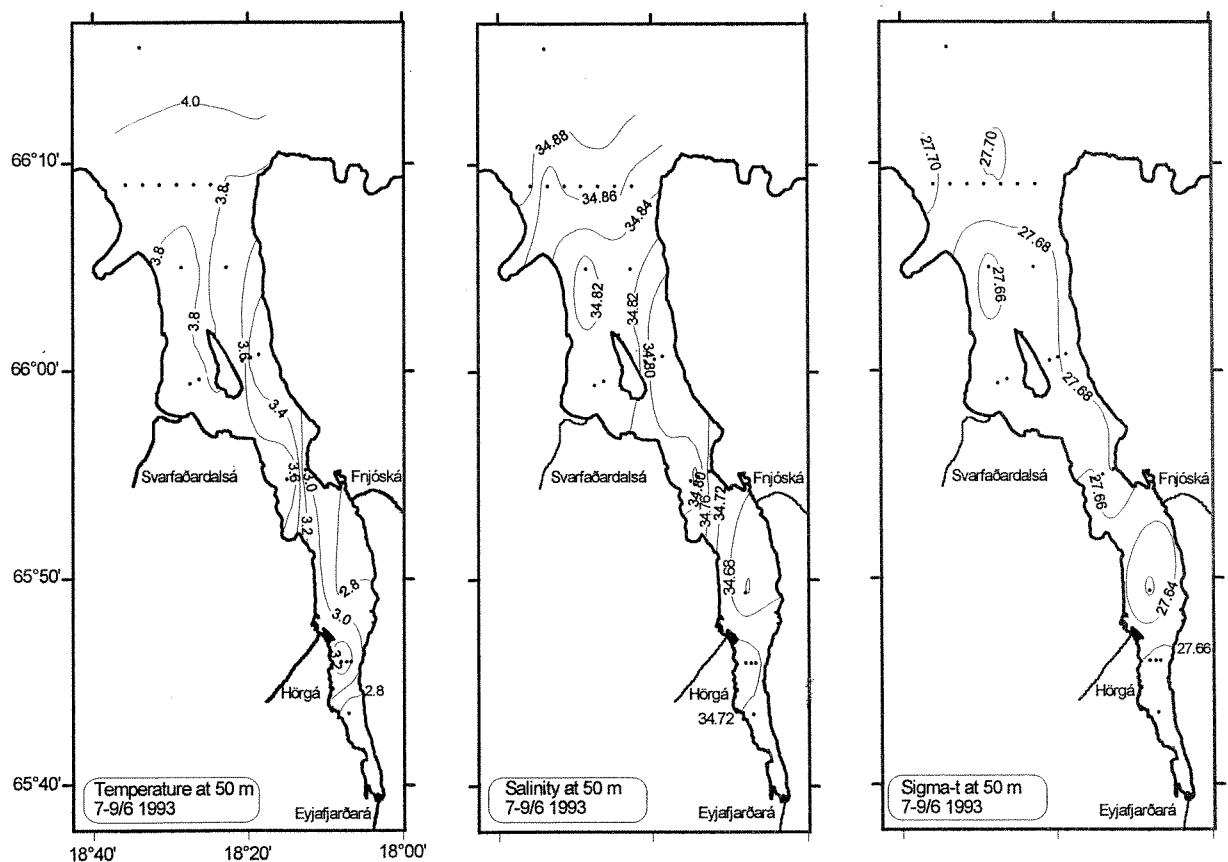


Figure 5.22.6. Horizontal sections of temperature, salinity and sigma-t.

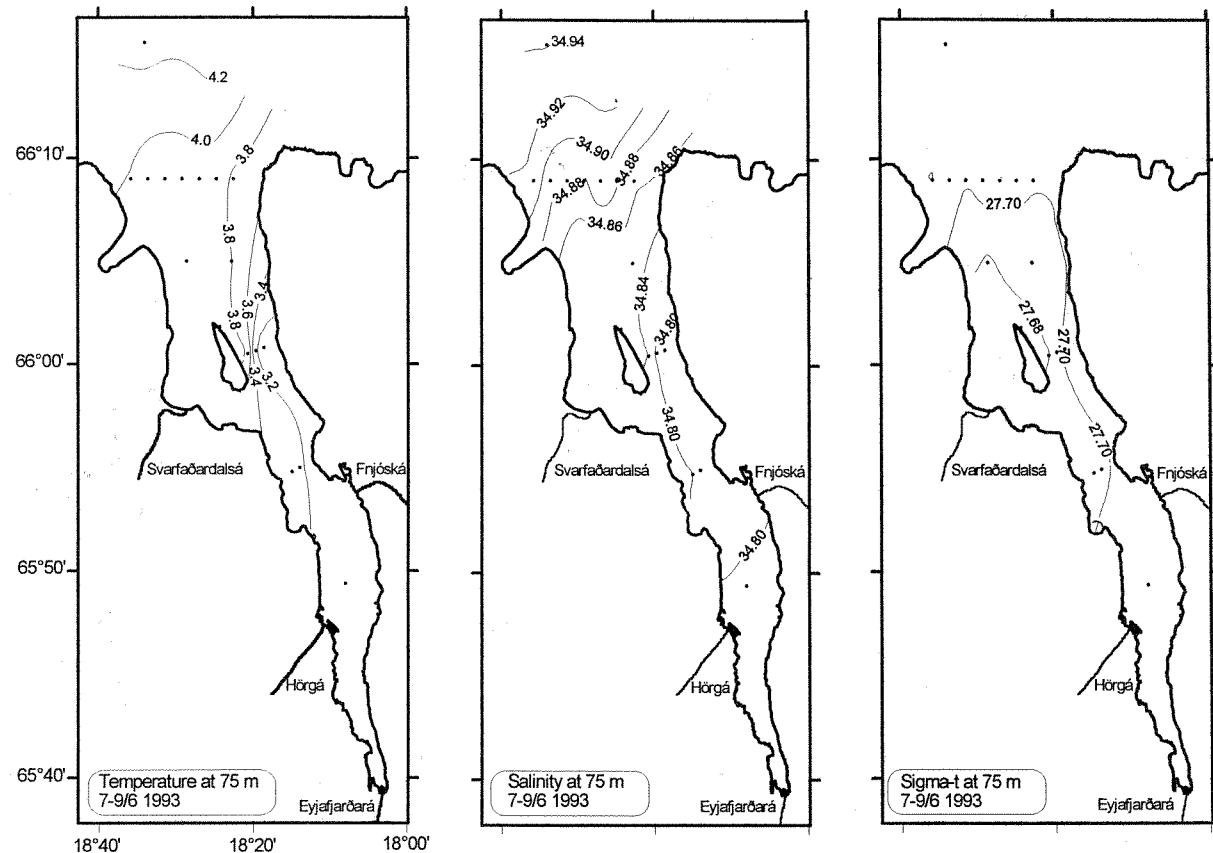


Figure 5.22.7. Horizontal sections of temperature, salinity and sigma-t.

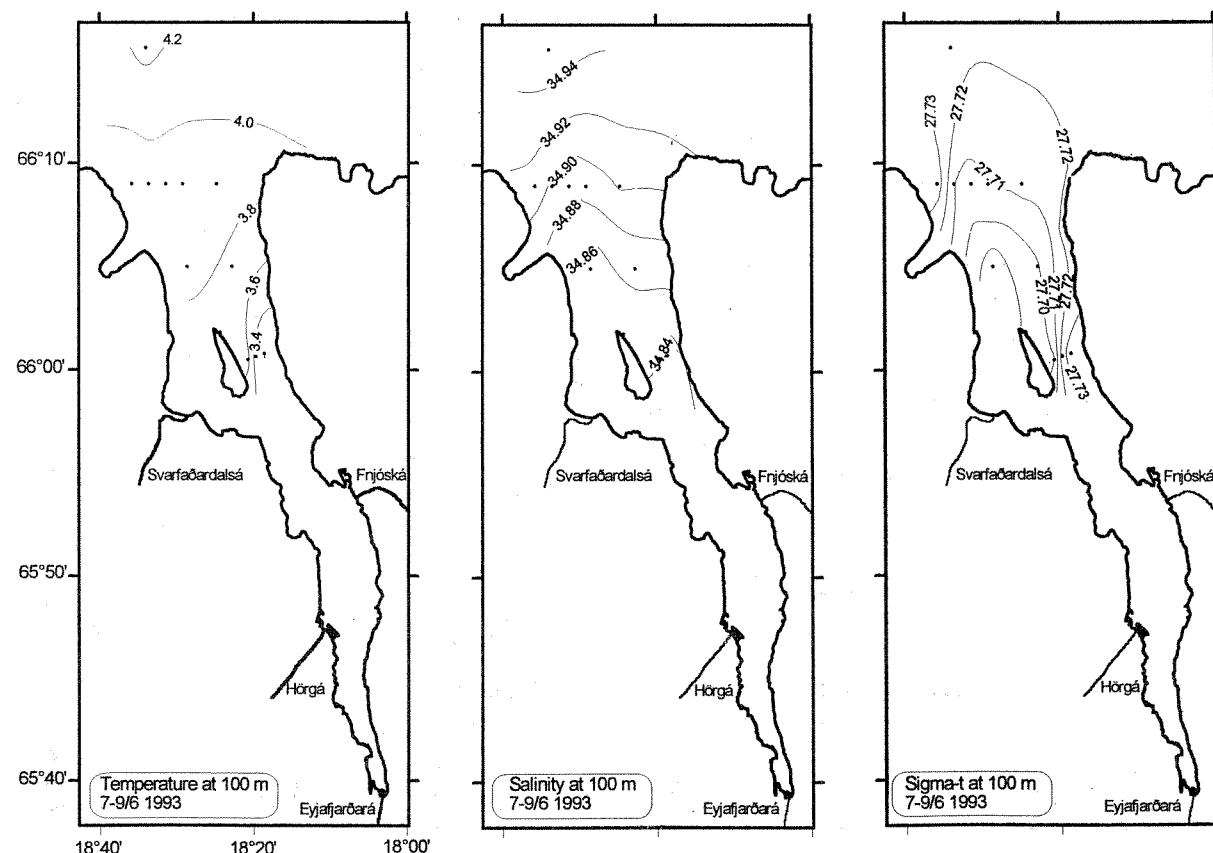


Figure 5.22.8. Horizontal sections of temperature, salinity and sigma-t.

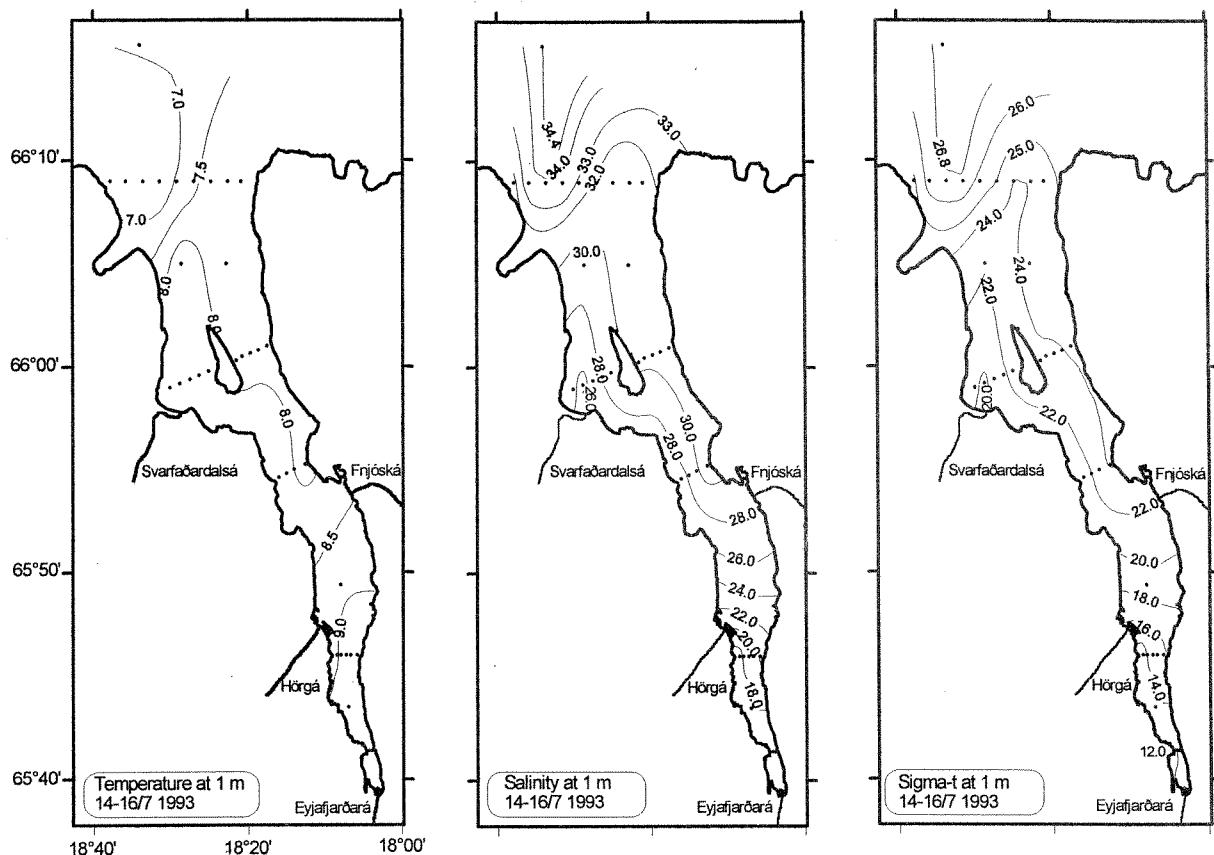


Figure 5.23.1. Horizontal sections of temperature, salinity and sigma-t.

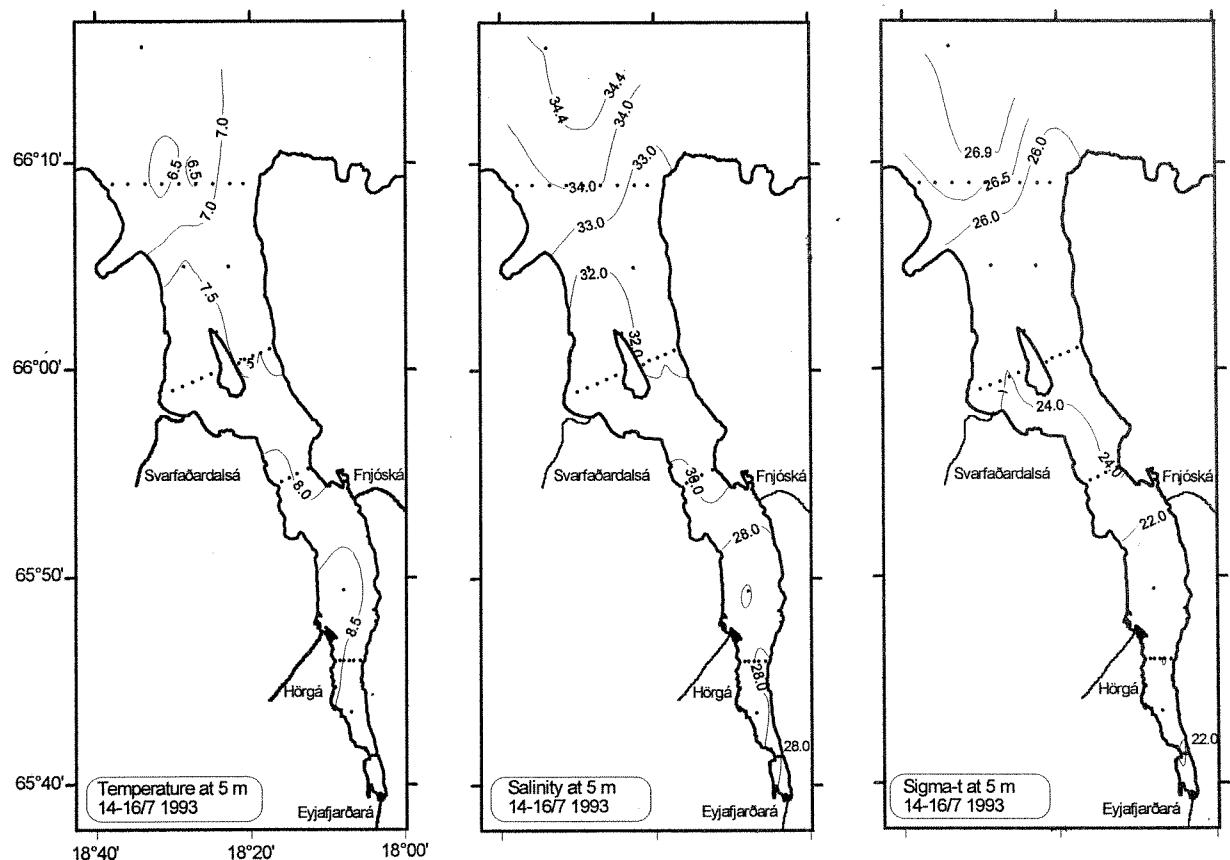


Figure 5.23.2. Horizontal sections of temperature, salinity and sigma-t.

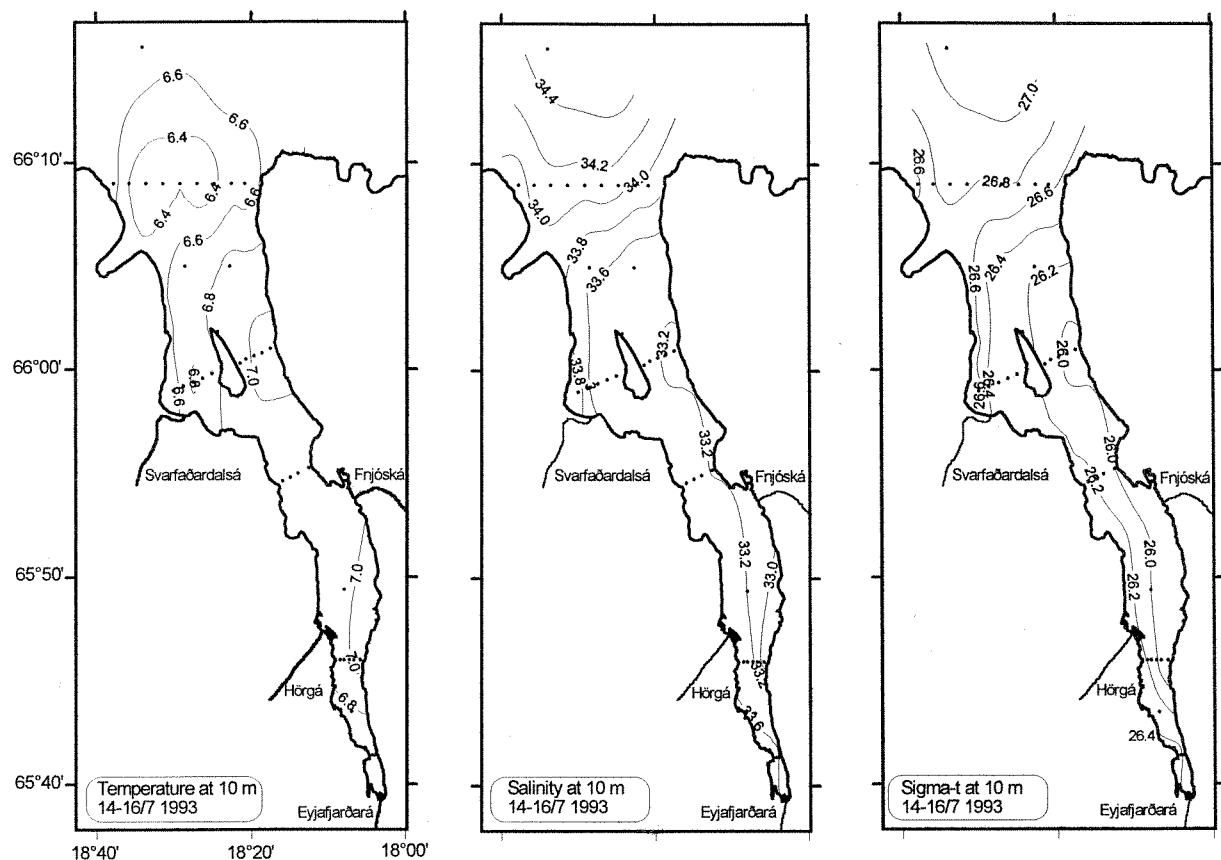


Figure 5.23.3. Horizontal sections of temperature, salinity and sigma-t.

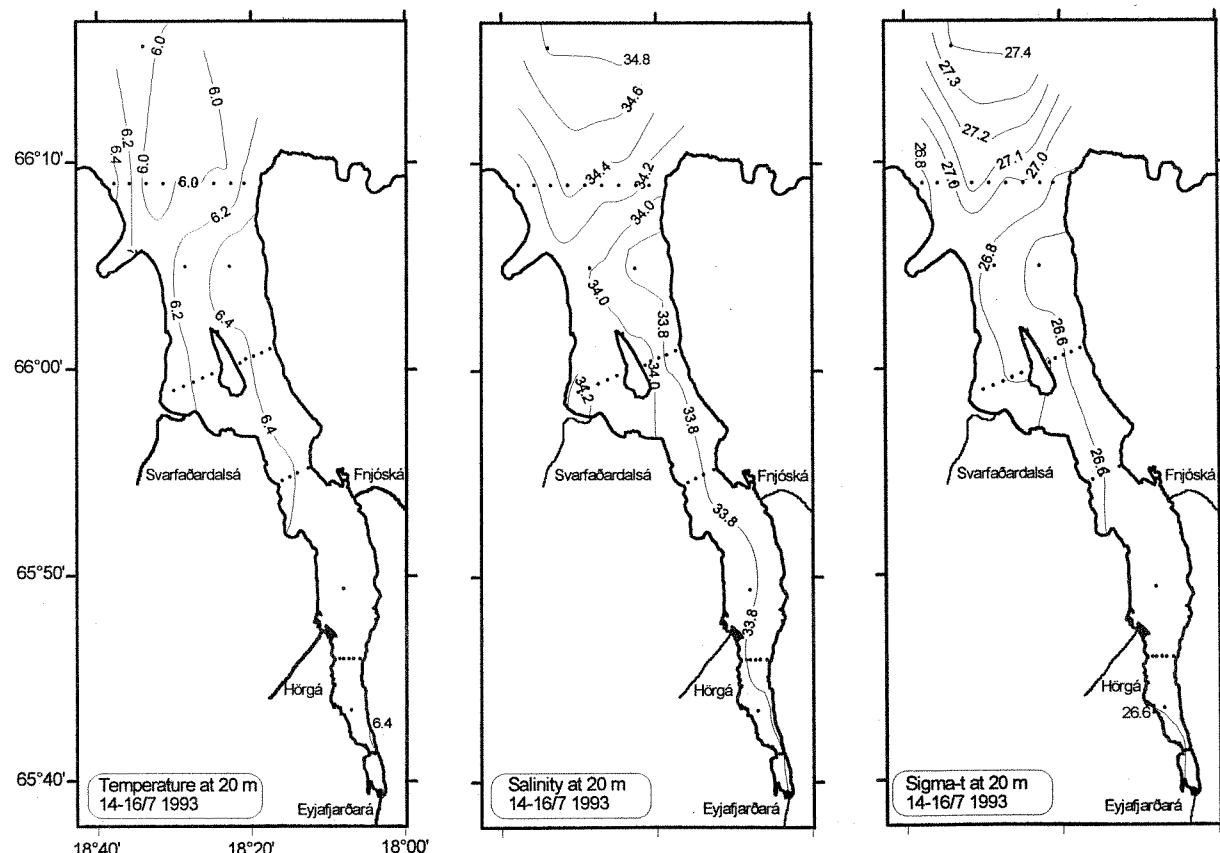


Figure 5.23.4. Horizontal sections of temperature, salinity and sigma-t.

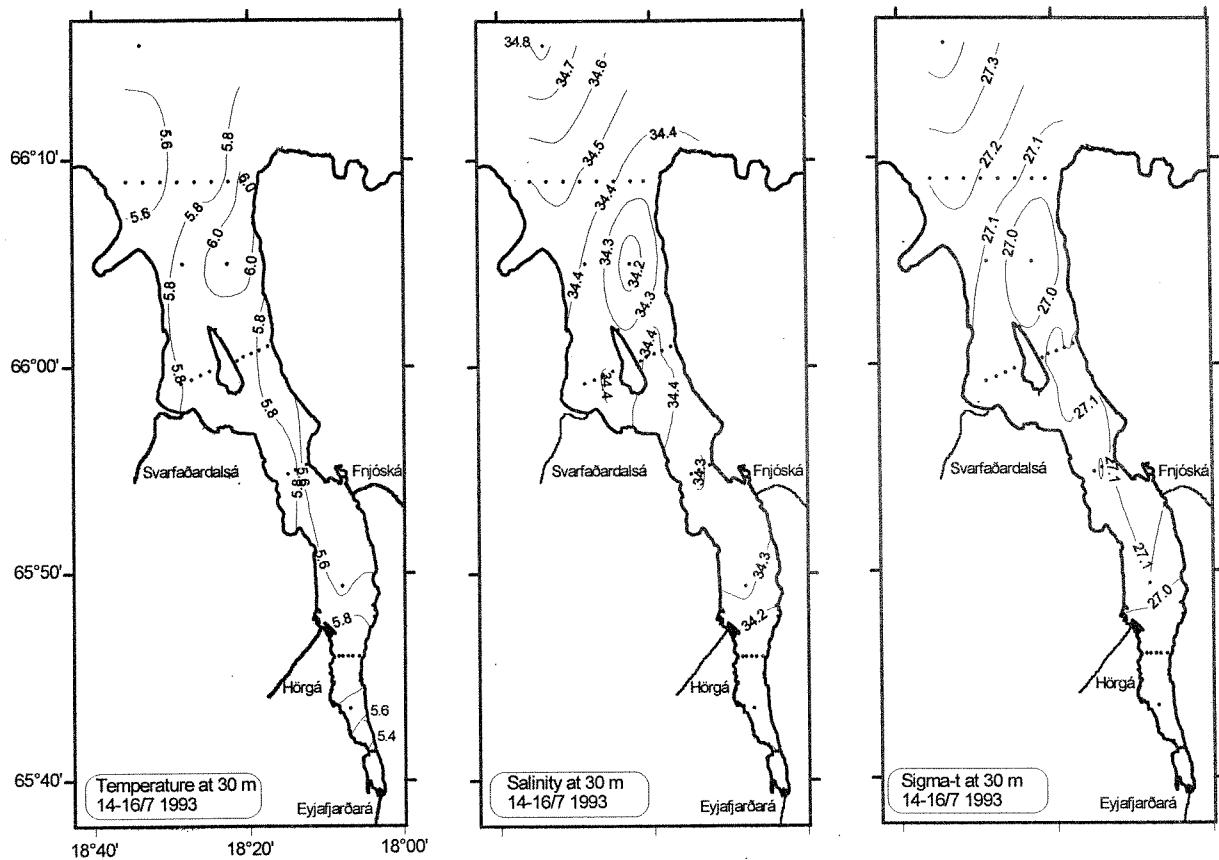


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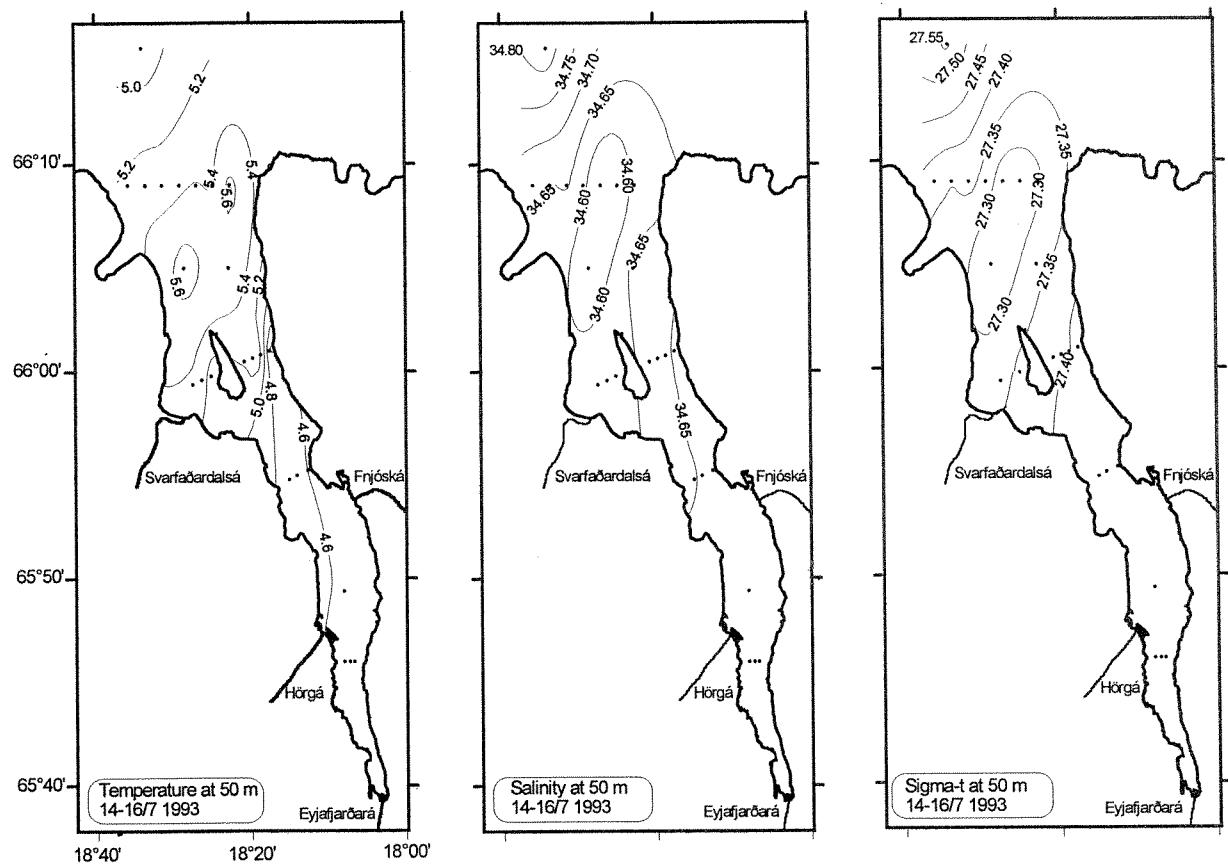


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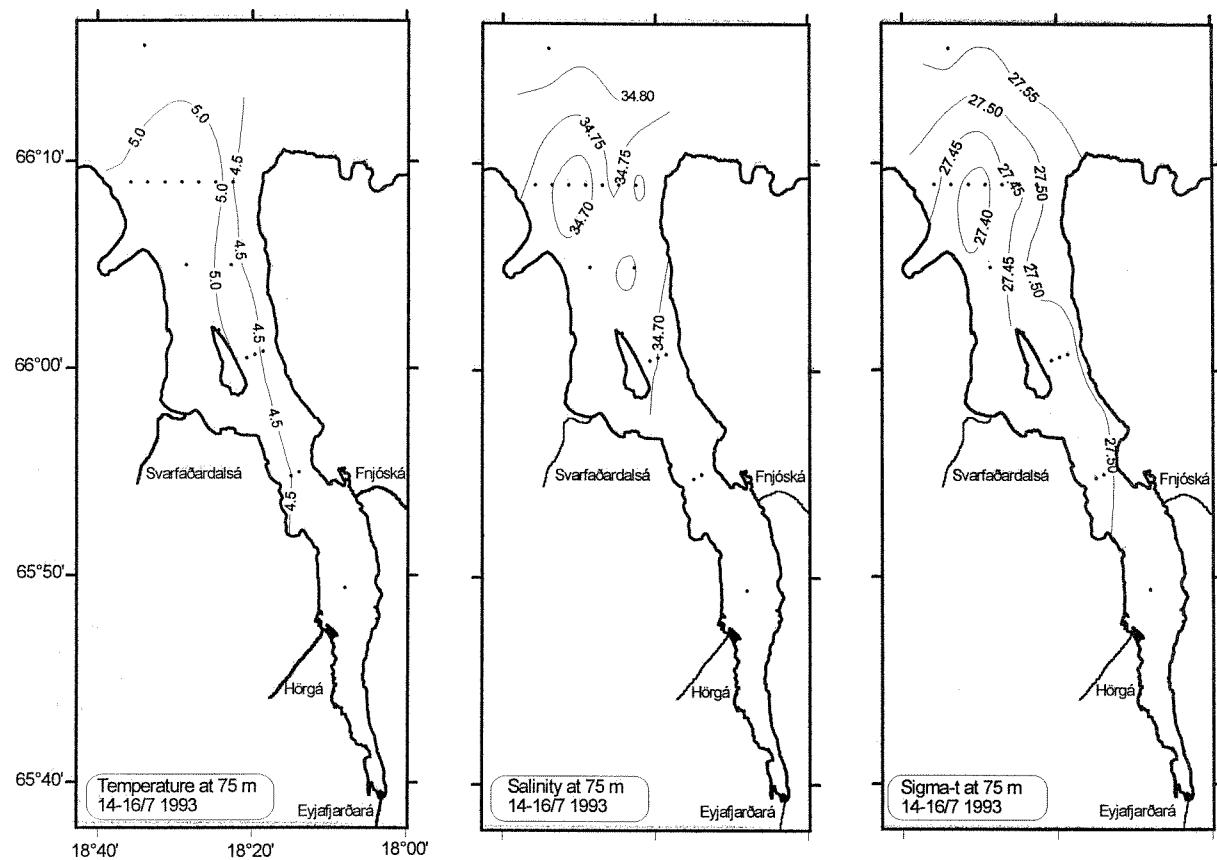


Figure 5.23.7. Horizontal sections of temperature, salinity and sigma-t.

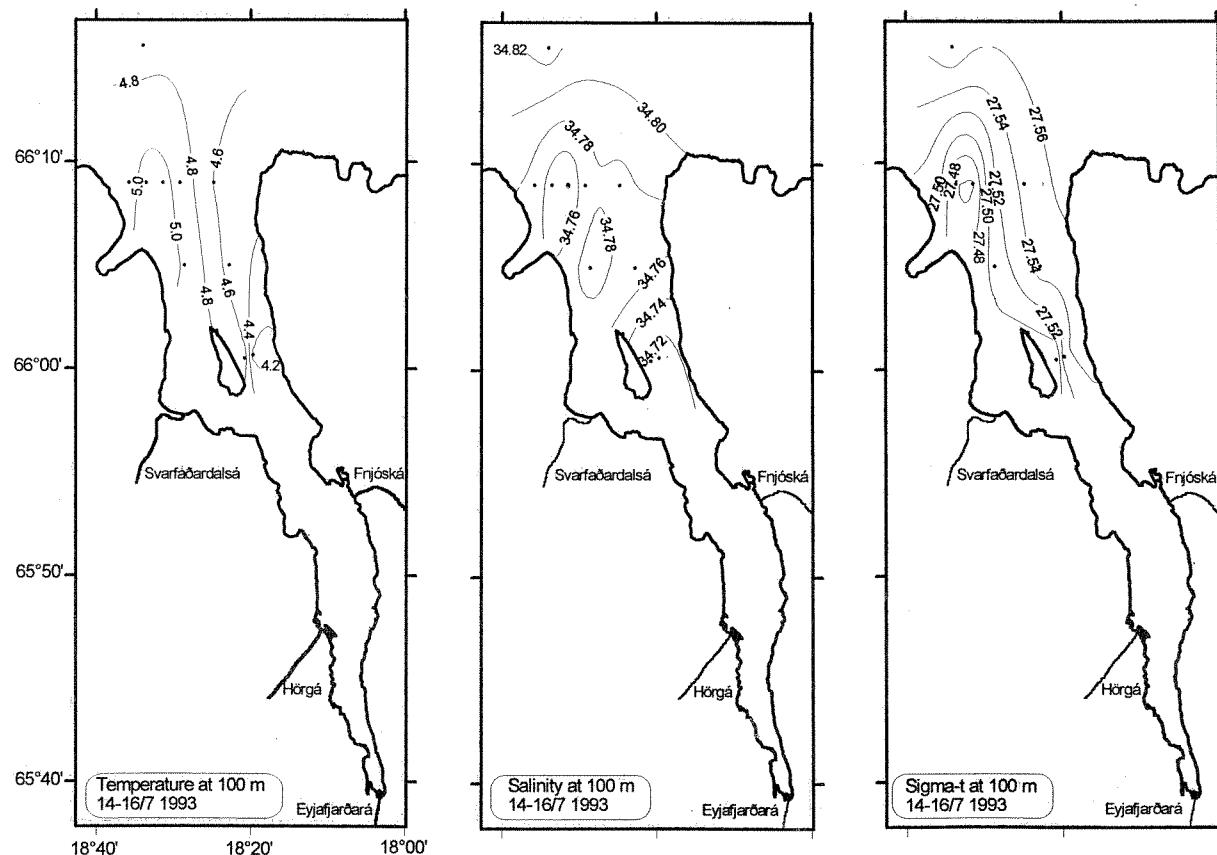


Figure 5.23.8. Horizontal sections of temperature, salinity and sigma-t.

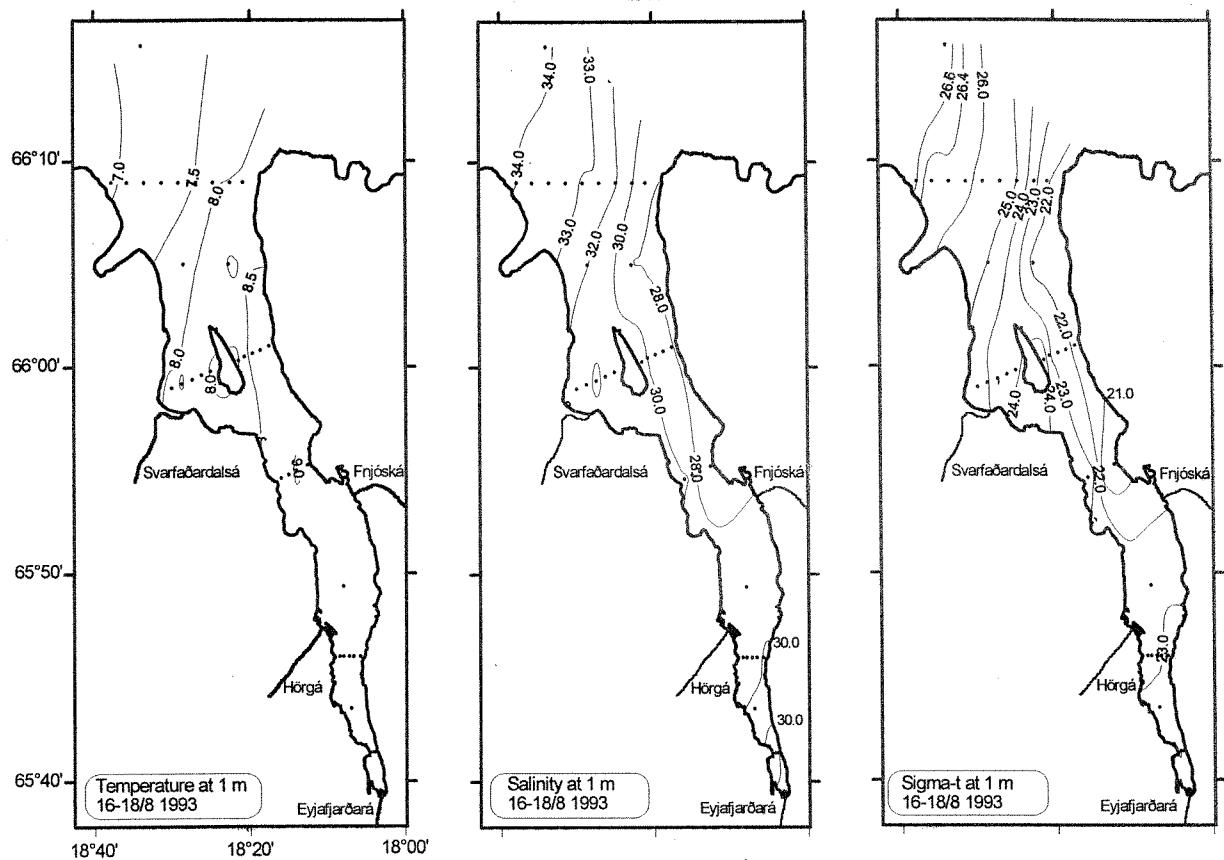


Figure 5.24.1. Horizontal sections of temperature, salinity and sigma-t.

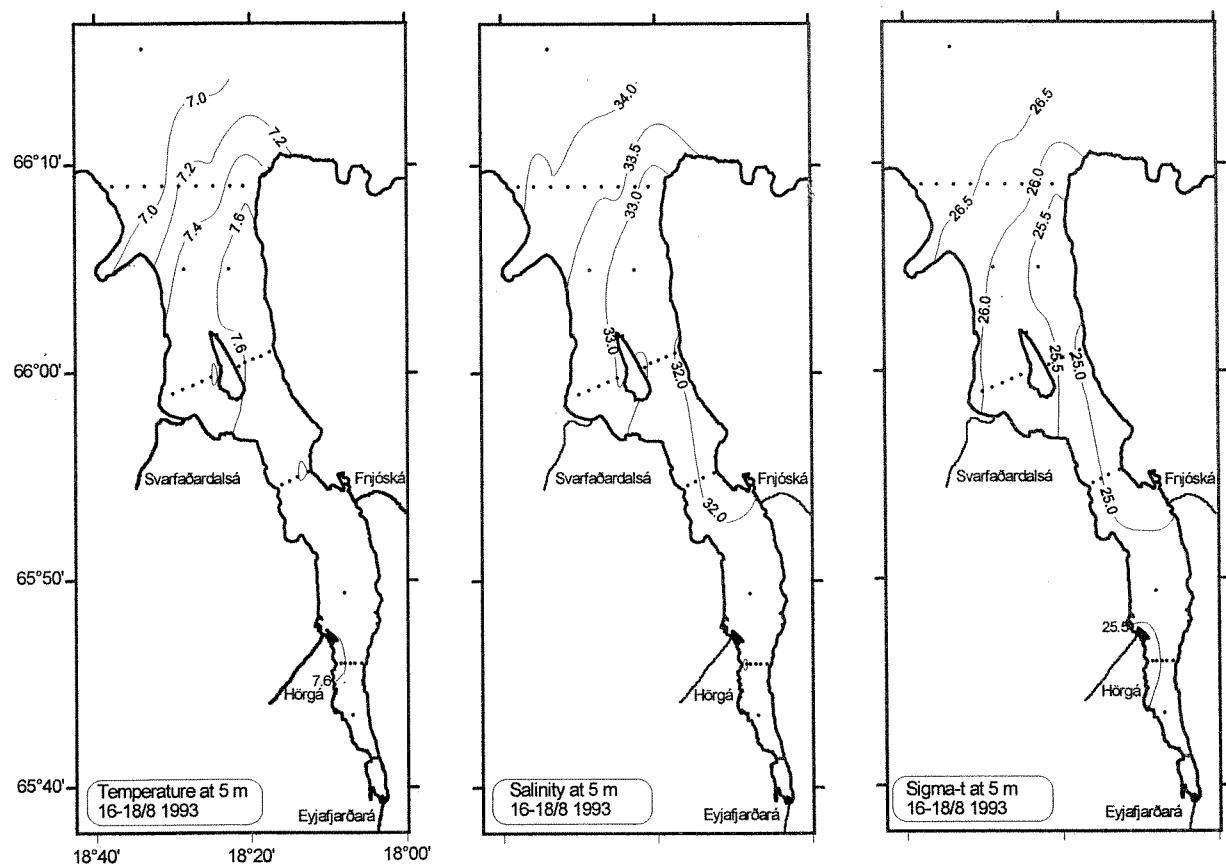


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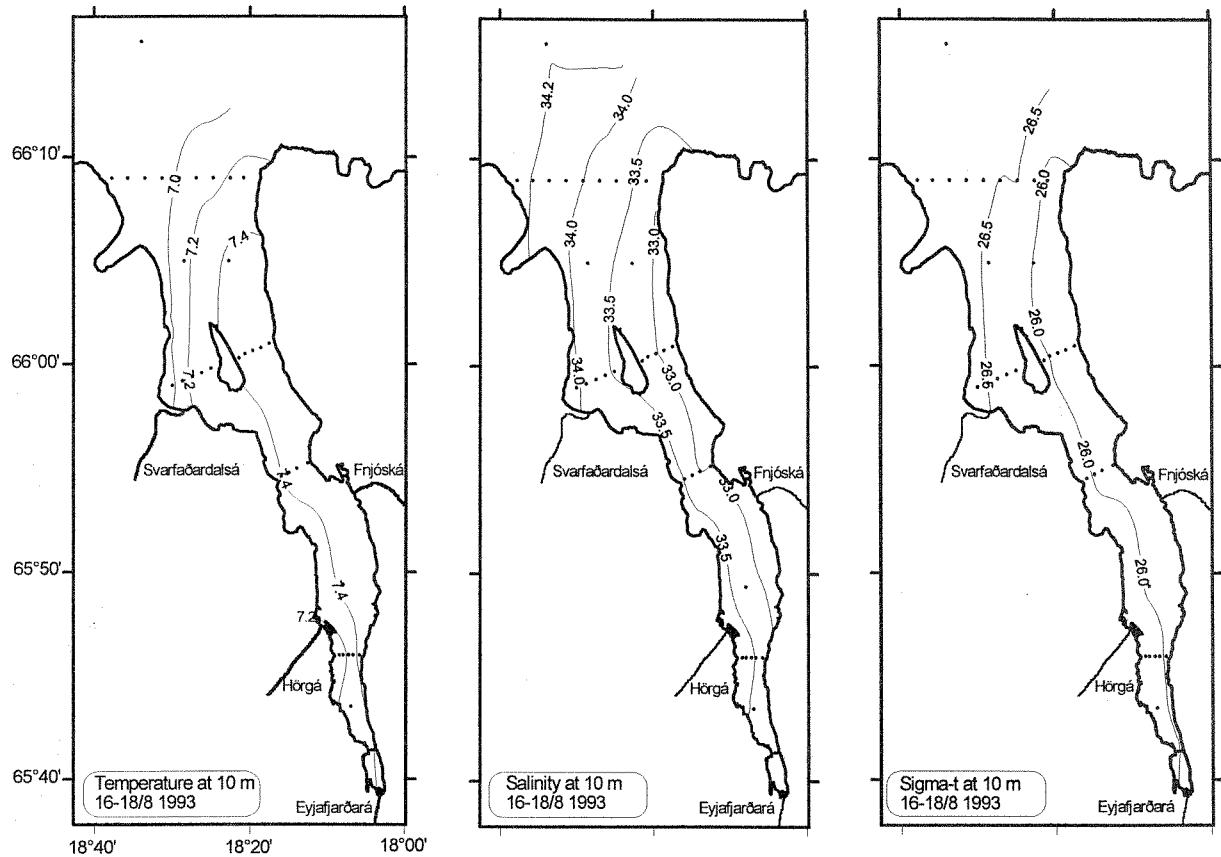


Figure 5.24.3. Horizontal sections of temperature, salinity and sigma-t.

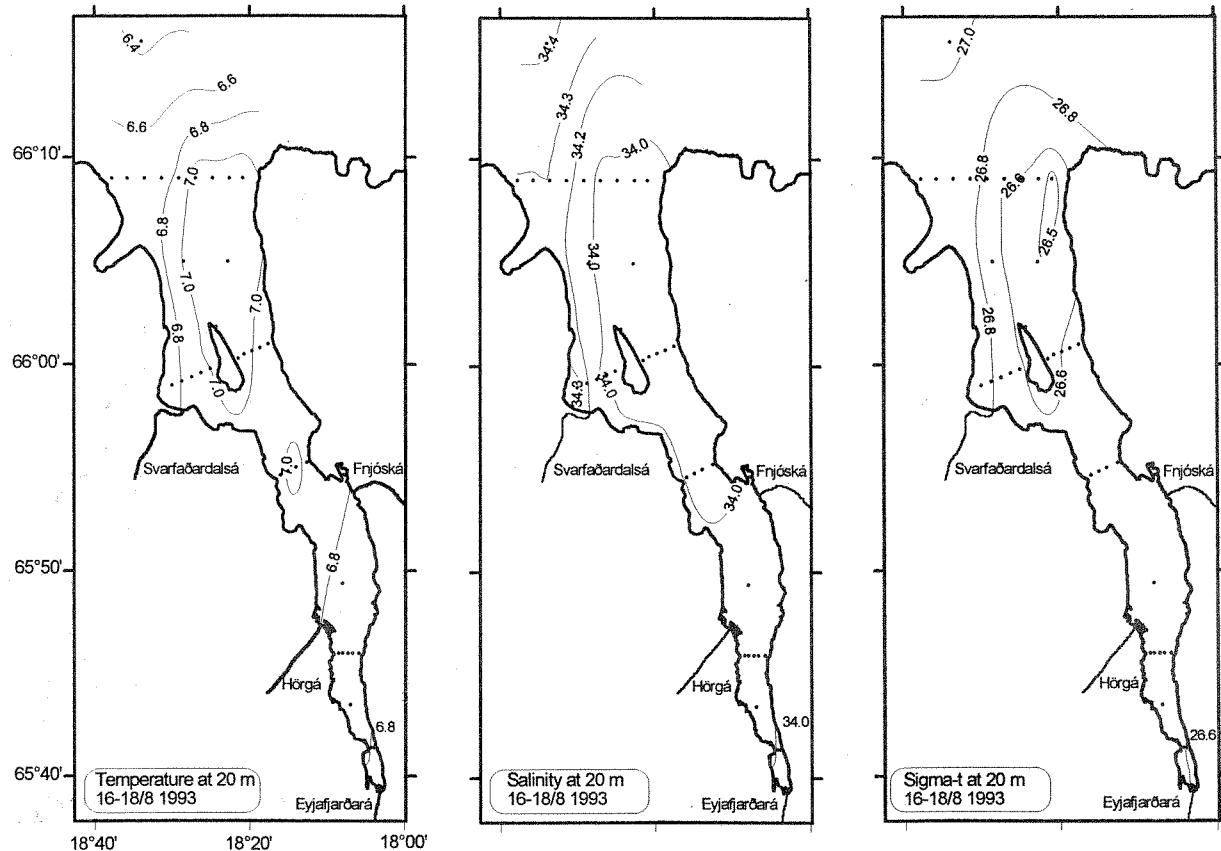


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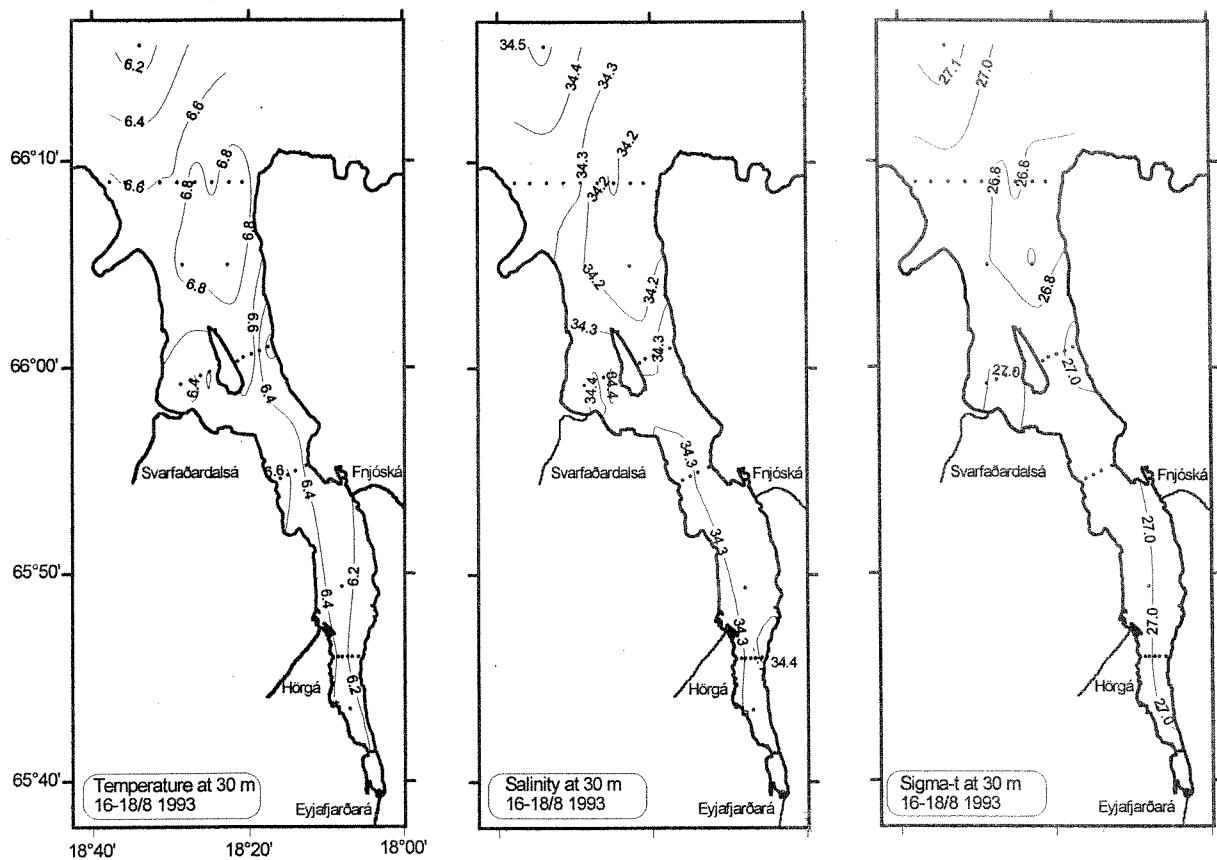


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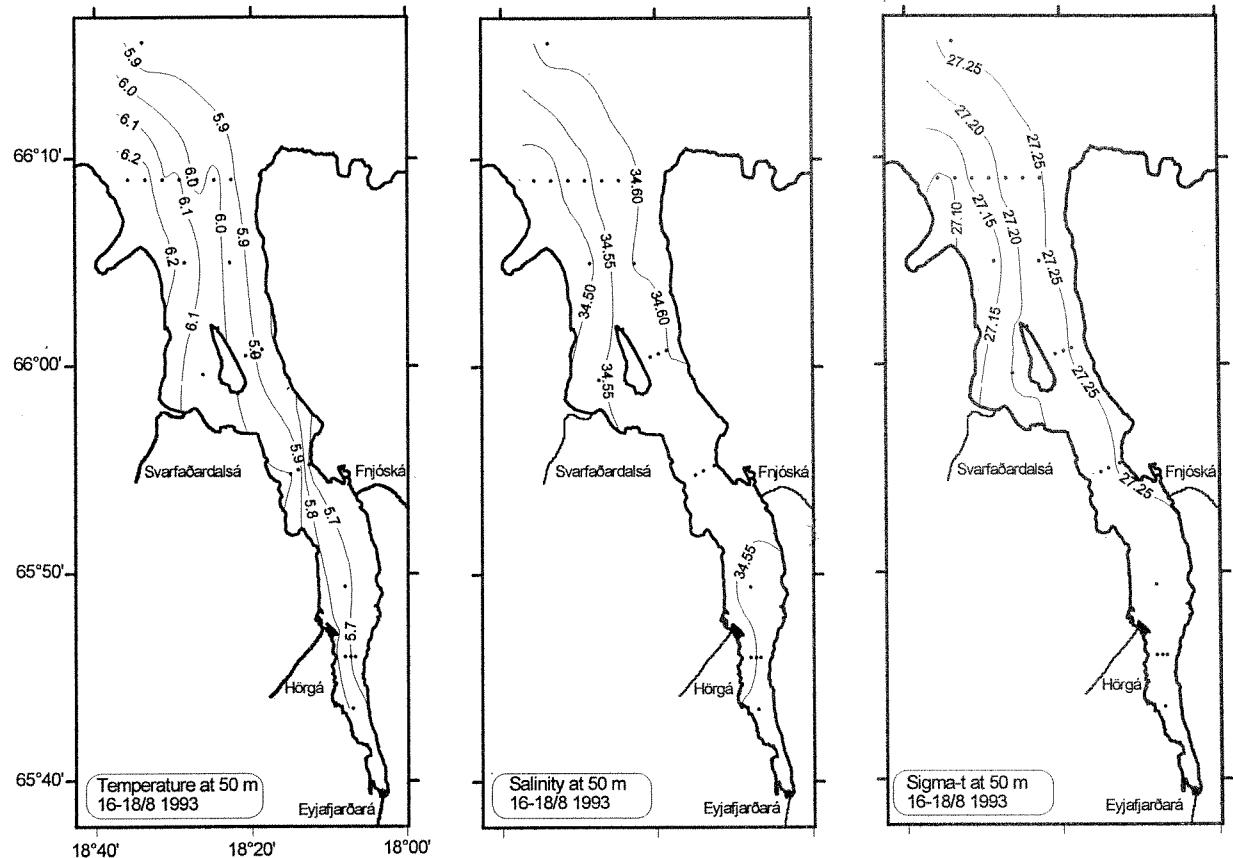


Figure 5.24.6. Horizontal sections of temperature, salinity and sigma-t.

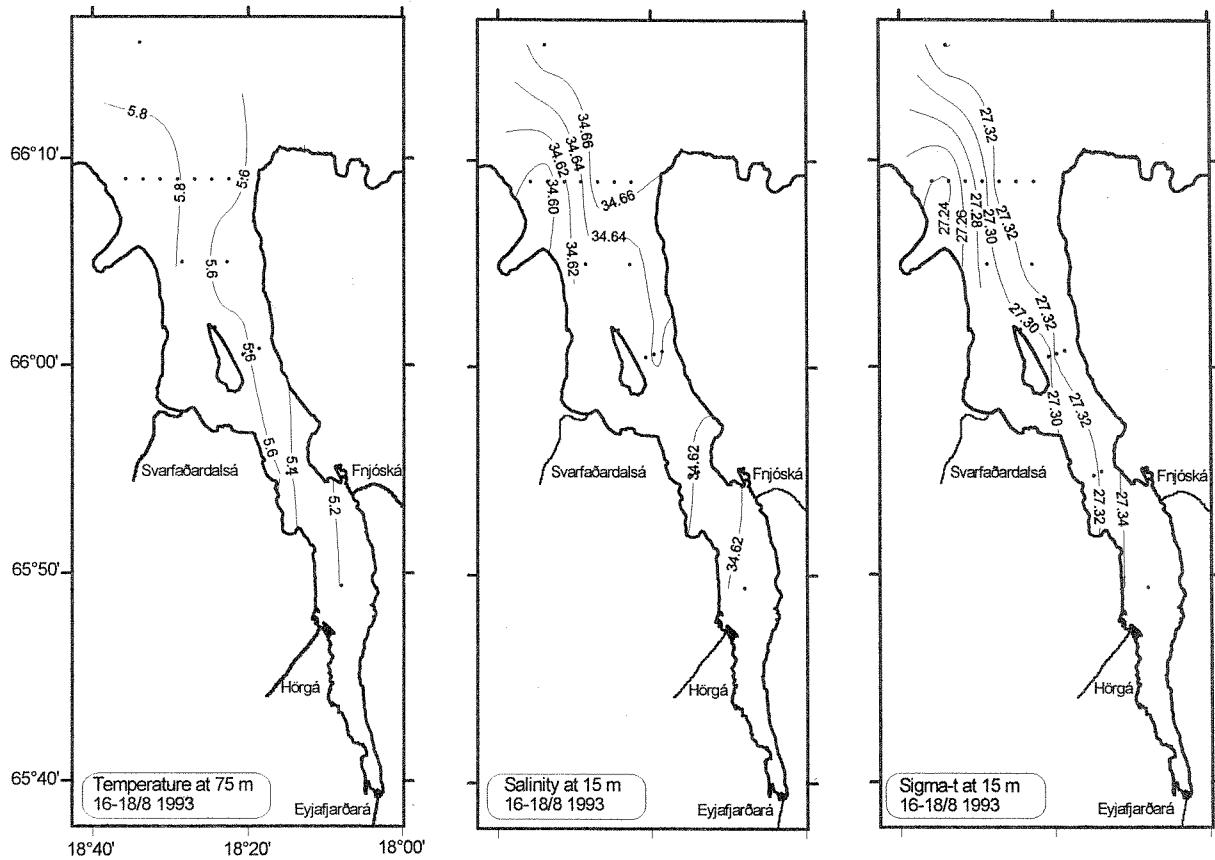


Figure 5.24.7. Horizontal sections of temperature, salinity and sigma-t.

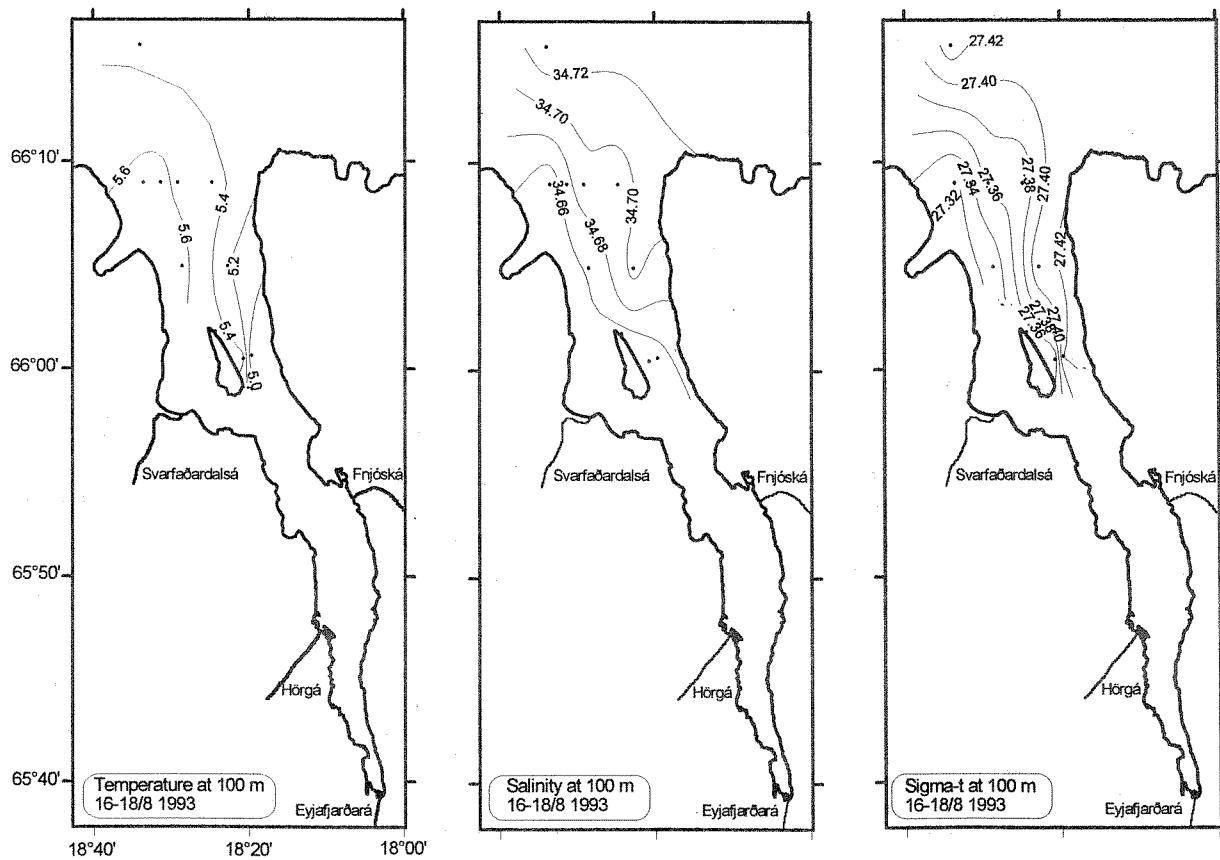


Figure 5.24.8. Horizontal sections of temperature, salinity and sigma-t.





## Hafrannsóknastofnun. Fjöllrit

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2. **Kjartan Thors:** Skýrsla um rannsóknir hafssbotnsins í sunnanverðum Faxaflóa sumarið 1975. Reykjavík 1977. 24 s.
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11. Nytjastofnar sjávar og umhverfisþættir 1987. Aflahorfur 1988. *State of marine stocks and environmental conditions in Icelandic waters 1987. Fishing prospects 1988*. Reykjavík 1987. 68 s.
12. Haf- og fiskirannsóknir 1988-1992. Reykjavík 1988. 17 s. (Ófáanlegt - *Out of print*).
13. **Ólafur K. Pálsson, Björn Æ. Steinarsson, Einar Jónsson, Gunnar Jónsson, Gunnar Stefánsson, Sigfús A. Schopka:** Stofnmæling botnfiska á Íslandsmiðum. Reykjavík 1988. 76 s. (Ófáanlegt - *Out of print*).
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