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**FISHERY BOARD OF SWEDEN**

Series Hydrography, Report No. 17

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**HYDROGRAPHICAL OBSERVATIONS  
ON SWEDISH LIGHTSHIPS  
IN 1963**



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# FISHERY BOARD OF SWEDEN

Ser. Hydrography

Reports Nos. 9—17

Göteborg



**FISHERY BOARD OF SWEDEN**

Series Hydrography, Report No. 17

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**HYDROGRAPHICAL OBSERVATIONS  
ON SWEDISH LIGHTSHIPS  
IN 1963**



**B**eträffande den plan och metodik, efter vilken observationerna bedrivits, må följande nämnas:

Samtliga observationer är gjorda kl 07 GMT f.m.

Den riktning varifrån vinden kommer anges i dekadgrader och dess styrka uppskattas efter Beauforts 12-gradiga skala.

Mätning av lufttemperaturen har gjorts medelst en lufttermometer, graderad i halva grader (C) av den typ, som användes vid meteorologiska stationer av II klass.

Vattnets strömhastighet vid ytan och nära botten mäts genom loggning med en i 2-meterslängder uppstucken lina fastsatt vid en mindre flottör i ytan från vilket ett strömkors hängts i en tunn lina. Den längd av mätlinan, som löper ut över fartygets reling under 3 min. observeras. Vid större strömhastighet antecknas tiden för löpning av 100 m. lina. Strömhastigheten uträknas i cm/sek. Riktningen varifrån strömmen kommer observeras vid mätningens avslutande och anges i dekadgrader.

Vattentemperaturen bestäms å östersjöfyrskuppen och Vinga med omvändningstermometer monterad på en oisolerad vattenhämtare, varvid ett djup tages åt gången. På Fladen tages vattenproverna med en isolerad vattenhämtare varvid temperaturen avläses å en medföljande djupvattenstermometer.

Vattenprov för bestämning av salthalten tages å fyrskuppen i Östersjön sex gånger i månaden. På Vinga, Fladen och Bornö station göres daglig observation av salthalt. På Vinga (djupen 0—15 m.) och Bornö station är salthalten bestämd med Petterssons

guldkedjeareometer. Ombord på fyrskuppen är noggrannheten  $\pm 0.1 \text{ }^{\circ}/_{00} \text{ S}$ , medan den på Bornö station är  $\pm 0.05 \text{ }^{\circ}/_{00} \text{ S}$ . Tre gånger i månaden sändes prov till laboratoriet för kontroll. Dessa prover klortitreras med en noggrannhet på  $\pm 0.02 \text{ }^{\circ}/_{00} \text{ S}$ . Som regel titreras proverna från 30—40 m. på Fladen och 20—40 m. på Vinga medan Fladens prover från 0—20 m. och övriga fyrskups prover som regel bestäms med konduktometer. Areometerbestämningen göres direkt ombord medan övriga prover sändes i glas- eller polyetenflaskor till laboratoriet för bestämning. Glasflaskor användes alltid på Vinga och ibland på fyrskuppen i Östersjön.

Beträffande metodiken vid salthaltsbestämning med konduktometer hänvisas till nr 12 av denna tidskrift.

Samtliga observationer äro sammanförda till en månadstabell omfattande följande: Vindens riktning och styrka, lufttemperaturen, strömmens riktning och hastighet i ytan och nära botten, vattnets temperatur vid de olika djupen samt vattnets salthalt vid samma djup. Vissa extremvärden äro understrukna, nämligen vindstyrkan 7 och däröver, minimum och maximumvärden av lufttemperatur varje månad, maximumvärden av strömmen varje månad, minimum och maximumvärden av vattnets temperatur och salthalt varje månad och varje djup. Fyrskippet Sydostbrotten blev indraget den 19 dec. 1963.

Göteborg i juli 1965

ARTUR SVANSSON

Concerning the plan and the methods according to which the observations have been carried out it should be mentioned that:

All observations were made at 7 a.m. GMT.

The direction from which the wind comes is given in tens of degrees and the force is estimated according to Beaufort's 12 degrees scale.

All measurements of the air temperature were made using an air thermometer (graduated in half degrees of centigrades) of the type used at second class meteorological stations.

The speed of the water current at the surface and near the bottom was measured by logging with a line, marked every 2 meters, attached to a float from which a current cross hangs at the depth in question. The length of the line played out over the ship's railing during 3 minutes was observed. In case of high current speeds the time for playing out 100 metres of line was recorded. The speed of the current is given in cm/sec. The direction from which the current comes was observed at the end of the measurement and is given in tens of degrees.

The water temperature is determined by a reversing thermometer connected to an unisolated water sampler, one depth at a time. At Fladen water samples were taken with the aid of an isolated water sampler provided with a non-reversing thermometer.

Water sampling for determination of salinity (S) was carried out in the Baltic six times a month. At Vinga, Fladen and Bornö station daily measurements of salinity were made. At Vinga (the depths 0—15 m) and at Bornö station the salinity was determined with Pettersson's gold chain areometer. On the

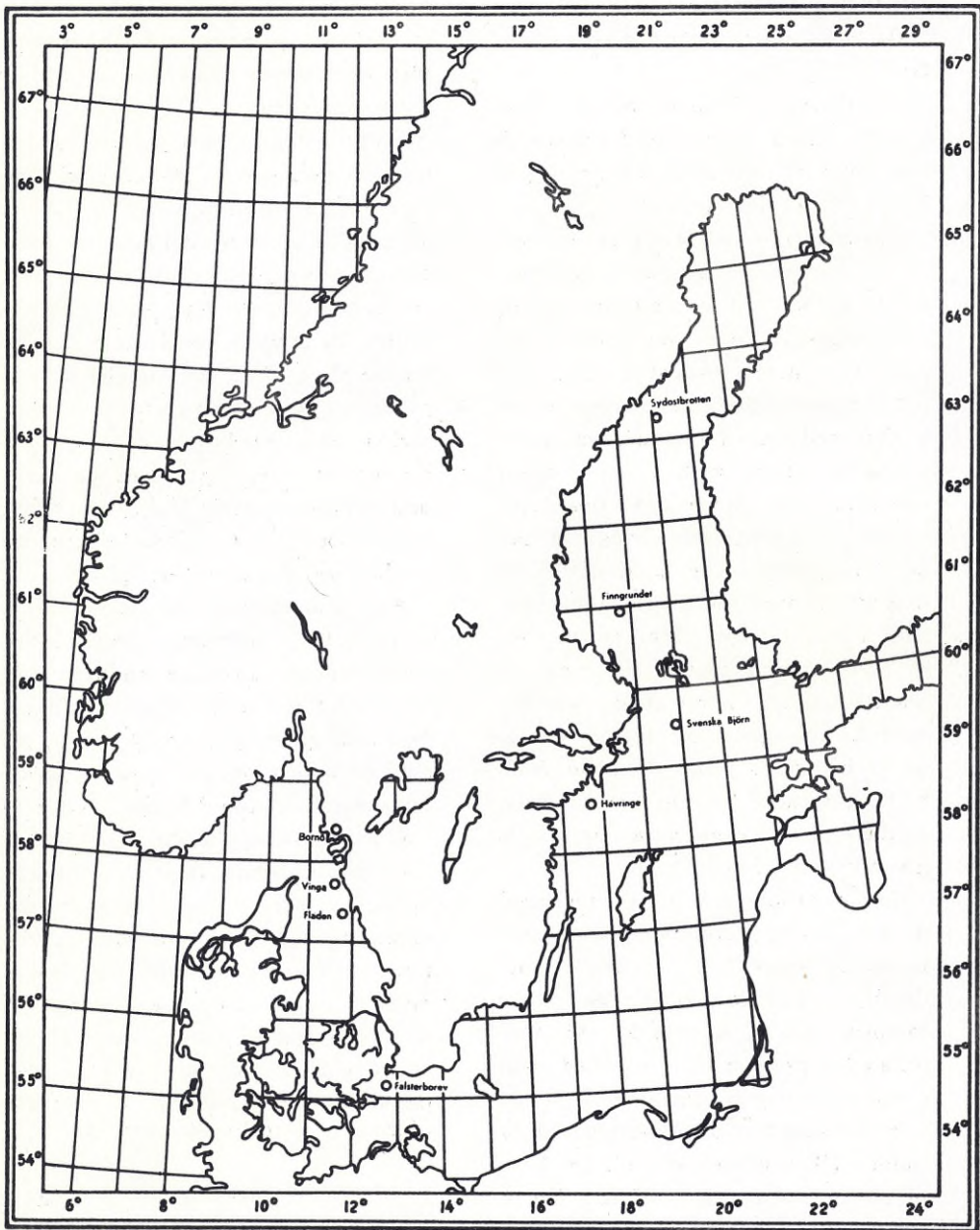
light ships the accuracy of this determinations is  $\pm 0.1$  ‰ S, while at Bornö station it is  $\pm 0.05$  ‰ S. Three times a month samples were sent to the laboratory for control. These samples were titrated for chloride with a normal accuracy of  $\pm 0.02$  ‰ S. Regularly such a titration was carried out on samples from 30—40 m at Fladen and 20—40 m at Vinga, while the samples of 0—20 m at Fladen and the remaining samples usually are analysed conductometrically. The areometer determinations were carried out directly on the place, while the samples for the other analyses were sent to the laboratory in glass or polythene bottles. Glass bottles were regularly used at Vinga and occasionally at the Baltic light ships. Concerning the conductometric method see this series no. 12.

All observations are listed in a monthly table, containing the following specifications: direction and force of the wind, temperature of the air, direction and speed of the current at the surface and near the bottom, water temperature at the different depths as well as the salinity at the same depths.

Certain extreme values are underlined, e. g. a force 7 wind or more, the minimum and maximum value of air temperature each month, the maximum value of current each month, the minimum and maximum value of the water temperature and salinity each month at each depth. On 19 Dec. the Light ship Sydstöbrotten ceased.

Göteborg, July 1965

ARTUR SVANSSON



Positioner för svenska observerande fryskepp.



# SYDOSTBROTEN

Juni

1963

20° 11' E

# SYDOSTBROTEN

Observatör: R. WELANDER

63° 19' N

Juni

Datum	Vind		Lufttemp.	Ström ifrån		Vattnets temperatur i °C						Vattnets saltihalt i ‰/‰							
	Riktn.	Styrka		Riktn.	cm/sek.	0 m	5 m	10 m	20 m	30 m	40 m	0 m	5 m	10 m	20 m	30 m	40 m		
1	05	1	12.4	09	3	00	0	7.0	6.8	5.4	0.8	0.4	0.2	4.18	4.88	5.17	5.58	5.59	5.72
2	00	0	12.8	00	0	00	0	7.8	7.5	6.2	2.1	0.5	0.2						
3	00	0	12.0	32	3	00	0	8.7	8.6	7.5	6.2	2.1	0.5						
4	05	5	10.6	09	20	14	9	8.6	8.4	7.5	6.2	2.1	0.5						
5	18	1	11.4	36	9	23	7	8.6	8.4	7.5	6.2	2.1	0.5						
6	32	2	11.7	18	3	00	0	9.3	9.2	8.3	4.3	0.9	0.4	4.72	4.74	5.15	5.27	5.65	5.82
7	20	1	11.2	00	0	00	0	10.2	10.0	9.2	4.0	0.8	0.4						
8	07	5	11.2	07	10	16	7	9.4	9.4	7.6	1.6	0.5	0.3						
9	23	4	9.6	25	9	00	0	9.5	9.4	7.6	1.6	0.5	0.3						
10	05	2	9.8	02	9	05	3	9.9	9.9	8.0	2.1	0.3	0.5	4.54	4.65	4.88	5.41	5.59	5.92
11	05	3	11.4	25	4	00	0	9.9	9.7	8.0	2.1	0.3	0.5						
12	16	2	9.7	14	6	00	0	10.4	10.4	9.2	1.0	0.2	0.4						
13	32	6	10.0	05	23	07	9	9.1	9.2	9.2	1.0	0.2	0.4						
14	32	4	8.6	36	4	00	0	9.5	9.4	3.2	1.6	0.4	0.5						
15	34	4	9.4	05	9	09	6	9.4	9.4	3.2	1.6	0.4	0.5						
16	36	2	10.2	00	0	00	0	9.9	9.9	6.1	1.7	0.2	0.7	4.52	4.50	4.88	5.46	5.80	5.99
17	16	3	10.4	25	12	27	8	10.0	10.0	9.7	1.4	0.3	0.8						
18	07	4	11.0	18	11	18	6	10.0	10.0	9.9	0.4	0.3	1.0						
19	16	1	10.2	14	6	00	0	10.1	10.0	9.9	0.4	0.3	1.0						
20	05	6	8.7	09	19	09	8	9.7	9.7	9.2	1.0	0.4	1.1	4.81	4.85	4.91	5.53	5.84	6.04
21	02	5	9.2	07	14	36	8	9.5	9.5	9.2	1.0	0.4	1.1						
22	02	2	10.6	27	3	27	6	9.3	9.3	9.2	1.0	0.4	1.1						
23	11	2	8.4	00	0	00	0	9.4	9.4	9.3	1.9	0.6	0.8						
24	05	2	9.3	00	0	00	0	9.6	9.4	9.3	1.9	0.6	0.8						
25	18	1	10.4	00	0	00	0	9.8	9.6	9.2	4.7	0.7	0.6						
26	16	3	11.2	23	3	29	4	9.8	9.8	9.7	3.4	0.2	0.8	4.80	4.77	4.78	5.46	5.84	5.98
27	05	6	12.2	23	4	20	3	9.9	9.9	9.9	7.6	0.8	0.6						
28	00	0	12.6	00	0	00	0	10.0	10.0	9.7	4.8	0.7	1.2						
29	23	1	11.8	00	0	00	0	10.4	9.7	9.6	4.8	0.7	1.2						
30	27	1	14.4	00	0	00	0	11.4	11.4	9.5	9.3	8.0	2.6	0.5	0.6				
31																			
M		3	10.7					9.5	9.3	8.0	2.6	0.5	0.6	4.60	4.73	4.96	5.45	5.72	5.91

# SYDOSTBROTEN

Juli

## SYDOSTBROTEN

63° 19' N

20° 11' E

Juli

Observatör: R. WELANDER, G. ALLING

1963

Datum	Vind		Luft- temp.	Ström från		Vätnets temperatur i °C						Vätnets salthalt i ‰						
	Rikt.	Styrka		0 m	Rikt.	40 m	0 m	5 m	10 m	20 m	30 m	40 m	0 m	5 m	10 m	20 m	30 m	40 m
1	05	4	13.6	11	9	00	0	11.0	10.0	4.5	0.6	0.7	4.77	4.77	4.75	5.42	5.84	5.81
2	23	1	13.5	34	14	32	10	11.2										
3	07	3	14.0	00	0	20	3	11.7	11.6	2.5	0.8	1.2						
4	34	2	18.4	07	18	00	0	12.4										
5	00	0	17.0	02	6	00	0	13.7	12.0	2.8	0.7	1.3						
6	34	4	14.0	36	27	36	10	13.2	13.2	4.4	1.2	1.0	4.23	4.23	4.34	4.29	5.43	6.03
7	05	3	13.5	23	3	00	0	13.0	13.0	6.2	1.0	1.3						
8	05	4	13.2	14	6	20	7	13.3										
9	14	3	13.6	20	7	00	0	13.6	13.4	7.1	0.8	0.9	4.85	4.84	4.85	5.12	5.50	5.78
10	16	4	13.4	27	12	25	6	13.8										
11	18	4	14.0	20	16	32	4	14.3	14.3	7.0	0.7	1.3						
12	16	5	13.8	18	20	32	7	14.2										
13	23	6	13.0	23	9	05	10	14.1	14.1	11.2	1.0	1.2						
14	27	1	13.0	16	18	16	3	14.2										
15	18	3	13.8	20	8	36	4	14.5	14.6	5.7	1.2	1.2	4.68	4.67	4.69	5.48	5.68	5.88
16	18	4	14.8	18	17	36	4	14.3	14.2	4.2	1.6	1.4						
17	18	4	13.4	36	14	36	6	14.0	14.0	11.6	1.3	1.6						
18	18	4	14.4	29	10	00	0	13.8										
19	23	3	14.7	36	6	05	7	14.6	14.4	2.8	2.0	1.6						
20	16	6	14.2	18	7	00	0	14.4										
21	32	5	12.6	36	10	05	6	14.0	14.0	3.7	5.8	1.6	4.62	4.68	4.68	5.45	5.59	5.87
22	32	6	13.4	18	20	14	10	13.2										
23	34	2	14.8	36	4	05	7	13.0	12.9	12.6	2.0	1.6						
24	32	2	14.4	07	13	00	0	12.9										
25	18	4	14.4	18	10	11	4	13.2	13.2	3.4	1.4	2.0	4.97	4.98	5.00	5.53	5.79	5.75
26	20	5	14.7	20	9	36	4	13.4	13.4	5.2	1.6	1.0						
27	34	5	14.2	05	7	02	10	13.2	13.0	6.4	1.4	0.8						
28	07	3	15.2	07	4	05	8	13.0										
29	02	3	16.4	09	17	09	6	14.2	13.6	9.0	1.2	1.2						
30	05	1	18.4	00	0	00	0	14.0										
31	05	2	18.6	07	9	07	3	15.6	14.2	6.6	2.4	1.8	4.69	4.70	4.72	5.22	5.64	5.85
M		3	14.5					13.5	13.4	6.2	1.5	1.3						

# SYDOSTBROTEN

Augusti

# SYDOSTBROTEN

Observatör: R. WELANDER

68° 19' N

20° 11' E

1963

Augusti

Datum	Vind		Luft-temp.	Ström från		Vattens temperatur i °C						Vattens salthalt i ‰/‰							
	Rikt.	Styrka		0 m	40 m	0 m	5 m	10 m	20 m	30 m	40 m	0 m	5 m	10 m	20 m	30 m	40 m		
1	05	1	19.6	07	13	05	4	16.0	14.1	13.4	8.4	1.0	1.0	4.92	4.95	5.03	5.54	5.88	5.97
2	16	2	17.6	00	0	00	0	17.0	15.8	14.6	5.7	1.4	1.2						
3	20	3	16.2	36	16	02	10	15.7	15.7	14.6	5.7	1.4	1.2						
4	36	2	19.5	09	3	09	6	15.7	15.7	14.6	5.7	1.4	1.2						
5	07	4	15.0	14	10	14	6	15.1	15.1	15.1	7.0	2.5	1.3	4.96	4.95	5.02	5.47	5.79	5.93
6	14	3	15.1	18	10	18	9	15.2	15.2	15.0	6.8	2.3	1.3						
7	20	1	15.6	00	0	00	0	15.4	15.4	15.0	6.2	2.0	1.4						
8	00	0	17.0	00	0	00	0	16.0	16.0	16.2	6.6	2.5	1.4						
9	07	3	17.6	14	17	14	4	16.2	16.2	15.0	6.6	2.5	1.4						
10	14	3	15.6	20	13	23	6	16.0	16.0	15.5	4.4	1.5	0.9	4.81	4.83	4.93	5.53	5.80	5.97
11	07	5	13.2	16	13	18	9	15.5	15.5	15.5	4.4	1.5	0.9						
12	07	4	13.6	07	14	07	9	15.1	15.1	15.1	4.4	1.5	0.9						
13	05	5	14.2	07	21	07	11	14.6	14.6	14.6	4.4	1.5	0.9						
14	05	3	14.2	07	23	07	6	14.4	14.4	14.4	4.4	1.5	0.9						
15	16	2	14.5	00	0	00	0	14.5	14.5	14.5	4.4	1.5	0.9	4.50	4.50	4.50	4.96	5.80	5.99
16	00	0	19.5	05	4	00	0	14.7	14.7	14.7	4.4	1.5	0.9						
17	05	3	15.4	09	16	09	6	14.5	14.5	14.5	4.4	1.5	0.9						
18	18	2	15.2	14	3	00	0	15.2	15.2	15.2	4.4	1.5	0.9						
19	09	3	16.2	00	0	00	0	15.5	15.5	15.5	4.4	1.5	0.9						
20	07	6	14.6	07	36	09	31	14.7	14.7	14.7	4.4	1.5	0.9	4.36	4.42	4.53	5.42	5.63	5.97
21	00	0	12.1	36	12	02	7	14.9	14.9	14.9	4.4	1.5	0.9						
22	34	1	16.2	00	0	09	4	15.5	15.5	15.5	4.4	1.5	0.9						
23	16	2	14.7	14	9	00	0	15.5	15.5	15.5	4.4	1.5	0.9						
24	29	5	12.0	36	9	32	8	15.2	15.2	14.9	8.5	2.9	1.8						
25	18	2	15.3	16	16	18	6	15.1	15.0	15.0	10.2	2.7	2.0	4.30	4.34	4.45	5.34	5.77	5.90
26	14	2	14.3	00	0	00	0	15.2	15.2	15.0	7.0	2.3	1.5						
27	20	5	15.0	27	23	29	10	15.2	15.2	15.2	6.4	2.1	1.4						
28	20	5	14.6	23	9	27	6	15.1	15.1	15.1	7.7	4.3	1.6						
29	20	4	15.0	20	11	00	0	15.1	15.1	15.1	7.7	4.3	1.6						
30	36	2	14.6	02	4	02	3	15.0	15.0	14.8	5.8	3.5	1.9						
31	07	2	14.4	00	0	05	3	15.0	14.9	14.8	5.8	3.5	1.9	4.64	4.67	4.74	5.38	5.78	5.96
M		3	15.4					15.3	15.2	14.9	7.0	2.4	1.4						

# SYDOSTBROTEN

September

## SYDOSTBROTEN

20° 11' E

63° 19' N

September

Observatör: R. WELANDER, G. ALLING

1963

Datum	Vind		Luft-temp.	Ström från 0 m		Vattnets temperatur i °C						Vattnets saltinhalt i ‰						
	Rikt.	Styrka		Rikt.	Styrka	0 m	5 m	10 m	20 m	30 m	40 m	0 m	5 m	10 m	20 m	30 m	40 m	
1	05	6	12.6	07	8	09	4	14.7	14.7	6.6	2.8	1.9	4.64	4.66	4.66	5.42	5.78	5.87
2	07	6	13.4	09	8	05	3	14.5					14.6	14.5	14.4	9.1	2.5	1.8
3	07	1	15.0	05	4	07	6	14.6	14.5	14.4	9.1	2.5	1.8					
4	14	1	15.2	00	0	18	3	14.8					14.8					
5	16	4	15.2	14	18	14	14	14.8	14.8	14.7	9.8	2.7	1.8					
6	14	1	14.8	07	7	07	9	14.2	14.2	14.2	10.9	4.4	1.3					
7	02	6	12.7	05	24	05	22	14.5	14.5	14.5	9.5	3.7	1.7	4.87	4.87	4.89	5.29	5.67
8	32	3	12.6	00	0	00	0	14.3					14.3					
9	18	4	14.2	00	0	00	0	14.5	14.5	14.5	10.8	3.7	2.0					
10	18	6	13.7	20	18	20	7	14.0					14.0					
11	25	3	12.4	34	9	02	3	14.0	14.0	14.3	11.7	3.2	2.0	4.58	4.59	4.98	5.30	5.75
12	20	3	13.8	27	12	34	7	13.8					13.8					
13	29	5	10.4	36	10	00	0	14.0	14.0	14.0	12.2	3.7	1.9					
14	20	6	12.8	18	18	18	4	13.5					13.5					
15	25	7	10.4	02	13	05	7	12.9	12.9	12.9	11.2	2.3	1.9					
16	20	4	12.2	20	17	20	3	12.8	12.8	12.8	9.7	2.3	1.7	4.59	4.61	4.59	5.24	5.88
17	27	5	9.6	36	10	00	0	11.2	11.2	11.2	10.4	3.5	1.8					
18	27	5	11.5	18	11	00	0	12.1					12.1					
19	27	5	9.0	25	18	00	0	11.0	11.0	11.0	7.9	2.9	2.0					
20	32	2	11.2	18	10	23	4	11.6					11.6					
21	23	3	8.9	18	9	36	4	11.4	11.3	11.2	5.6	2.3	1.8	4.83	4.83	4.81	5.53	5.89
22	23	3	11.2	00	0	00	0	11.6					11.6					
23	20	3	11.6	36	10	05	7	11.6	11.5	11.4	9.3	2.2	1.8					
24	16	3	11.2	02	9	05	12	11.6					11.6					
25	16	5	12.0	09	6	18	4	11.6	11.6	11.5	8.5	3.9	1.7					
26	16	7	12.2	16	9	18	3	11.7	11.7	11.7	10.5	2.9	1.9					
27	20	7	10.7	09	16			10.7	10.6	10.7	10.0	2.2	1.8					
28	36	4	9.2	05	16	09	14	10.6					10.6	5.09				
29	25	3	7.6	07	10	07	13	11.2	11.2	11.2	11.3	11.4	10.8					
30	18	2	8.2	09	16	09	27	11.2	11.3	11.4	11.4	11.4	9.8					
31																		
M		4	11.9					12.8	12.8	12.8	9.8	3.9	2.7	4.70	4.78	4.79	5.36	5.79



# SYDOSTBROTEN

Oktober

## SYDOSTBROTEN

68° 19' N

20° 11' E

Observatör: R. WELANDER, G. ALLING

1963

Oktober

Datum	Vind		Luft- temp.	Ström från		Vattens temperatur i °C							Vattens salthalt i ‰						
	Rikt.	Styrka		0 m	Rikt.	40 m	0 m	5 m	10 m	20 m	30 m	40 m	0 m	5 m	10 m	20 m	30 m	40 m	
1	11	4	8.2	11	24	16	32	10.3	10.9	11.6	11.3	11.1	10.5	5.37	5.49	5.68	5.64	5.65	5.66
2	07	3	9.2	09	28	09	43	11.2	11.2	11.4	11.5	11.5	11.5	5.50	5.51	5.53	5.60	5.59	5.71
3	09	5	7.8	11	20	23	11	11.3	11.3	11.4	11.5	11.5	11.5	5.61	5.62	5.63	5.63	5.69	5.71
4	02	7	8.0					11.0											
5	09	5	8.2	07	14	09	21	10.9	10.9	10.3	10.6	10.5	10.3	5.30	5.29	5.28	5.62	5.73	5.73
6	16	5	8.2	16	9	18	4	10.2	10.2	10.3	10.4	10.1	9.5	5.45	5.47	5.43	5.46	5.52	5.90
7	02	1	10.4	05	28	05	31	10.2	9.9	9.9	9.8	10.0	7.1	5.56	5.55	5.53	5.63	5.65	5.83
8	27	4	7.0	05	13	09	22	10.6	10.4	10.4	10.4	10.6	9.8						
9	20	8	8.6					10.4	10.4	10.5	10.6	10.6	9.8						
10	20	6	8.6	36	32			10.4	10.3	10.3	10.4	10.1	9.5	5.47	5.49	5.51	5.60	5.64	5.76
11	27	5	6.0	36	22	05	40	10.4	10.3	10.3	10.4	10.4	10.5						
12	05	8	5.8					10.3	10.3	10.3	10.4	10.4	10.5						
13	27	3	5.2	00	0	00	0	10.3	10.6	10.6	10.6	10.6	10.5						
14	05	7	5.2	02	33	05	27	10.6	10.4	10.4	10.4	10.5	10.5						
15	34	6	5.0	00	0	00	0	10.4	10.4	10.4	10.4	10.5	10.5						
16	20	6	7.6	23	21	34	22	9.3	9.2	9.3	9.9	10.1	9.6	5.30	5.29	5.28	5.62	5.73	5.73
17	29	5	8.0	34	25	02	33	9.4	9.4	9.5	9.7	9.8	9.6						
18	20	2	8.1	36	11	05	10	9.2	9.4	9.4	9.4	9.8	9.5						
19	32	5	6.2	36	14	36	17	9.4	9.4	9.4	9.4	9.8	9.5						
20	20	6	9.0	20	9	02	10	9.3	9.1	9.1	9.1	9.3	8.7	5.45	5.47	5.43	5.46	5.52	5.90
21	18	7	8.0	20	7	36	9	9.1	9.1	9.0	9.1	9.3	8.7						
22	25	5	9.0	02	20	02	21	9.1	8.9	8.9	9.0	9.5	9.5						
23	25	5	9.0	36	14	05	17	8.9	8.9	8.9	9.0	9.5	9.5						
24	23	5	8.2	23	4	02	9	8.3	8.5	8.6	9.2	8.8	7.8						
25	27	5	9.0	34	20	05	16	8.6	8.5	8.6	9.2	8.8	7.8						
26	27	5	8.0	34	20	05	22	8.5	8.6	8.6	8.8	8.7	7.0						
27	34	6	6.2	36	31	36	25	8.4	8.4	8.4	8.7	8.7	7.5						
28	27	5	7.2	34	22	00	0	8.2	8.1	8.3	8.4	8.5	7.9						
29	05	3	3.2	05	17	05	4	8.0	8.0	8.0	8.0	8.5	7.9						
30	20	6	6.1	05	17	05	7	8.0	8.0	8.0	8.0	8.3	6.8						
31	23	2	7.2	02	25	05	9	8.0	8.0	8.0	8.0	8.3	6.8						
M		5	7.5					9.6	9.5	9.6	9.6	9.8	9.1	5.47	5.49	5.51	5.60	5.64	5.76

# SYDOSTBROTEN

November

## SYDOSTBROTEN

20° 11' E

63° 19' N

November

Observatör: R. WELANDER, G. ALLING

1963

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰							
	Rikt.	Styrka		0 m	40 m	0 m	5 m	10 m	20 m	30 m	40 m	0 m	5 m	10 m	20 m	30 m	40 m		
1	27	6	5.2	05	24	00	0	7.8	7.8	7.9	8.2	8.4	7.7	5.46	5.42	5.49	5.77	5.83	5.83
2	11	6	4.8	14	50	14	25	7.6	7.6	7.7	8.5	8.6	7.7	5.46	5.42	5.49	5.77	5.83	5.83
3	09	3	4.9	09	26	05	16	7.7	7.7	7.9	8.2	8.4	7.7	5.46	5.42	5.49	5.77	5.83	5.83
4	02	3	3.0	05	22	05	10	7.6	7.6	7.9	8.2	8.4	7.7	5.46	5.42	5.49	5.77	5.83	5.83
5	27	5	3.3	05	26	05	17	7.3	7.3	7.3	8.1	8.5	7.5	5.09	5.14	5.53	5.74	5.78	5.90
6	32	3	3.0	02	42	05	28	6.8	6.8	7.0	7.6	8.3	8.5	5.09	5.14	5.53	5.74	5.78	5.90
7	18	7	6.0	05	42	05	27	7.1	7.1	7.4	7.6	7.7	7.7	5.78	5.78	5.77	5.77	5.78	5.85
8	09	3	4.4	05	31	09	32	6.8	6.8	7.8	7.8	7.8	7.8	5.78	5.78	5.77	5.77	5.78	5.85
9	02	7	2.1	02	39	02	42	7.7	7.7	7.8	7.8	7.8	7.8	5.78	5.78	5.77	5.77	5.78	5.85
10	36	5	-0.4	36	16	36	9	7.4	7.4	7.3	7.3	7.3	6.6	5.78	5.78	5.77	5.77	5.78	5.85
11	36	4	-2.8	00	0	18	4	7.4	7.4	7.3	7.3	7.3	6.6	5.78	5.78	5.77	5.77	5.78	5.85
12	02	3	-3.2	05	8	02	4	6.7	6.8	6.5	6.5	6.9	7.0	5.78	5.78	5.77	5.77	5.78	5.85
13	11	6	-0.2	11	12	20	8	6.5	6.5	6.5	6.5	6.9	7.0	5.78	5.78	5.77	5.77	5.78	5.85
14	11	5	3.4	14	16	20	11	6.7	6.7	6.5	6.6	6.8	6.7	5.78	5.78	5.77	5.77	5.78	5.85
15	14	5	5.2	14	7	00	0	6.4	6.5	6.6	6.8	6.7	6.7	5.78	5.78	5.77	5.77	5.78	5.85
16	14	5	5.2	18	4	18	4	6.6	6.6	6.7	6.8	6.9	6.8	5.78	5.78	5.77	5.77	5.78	5.85
17	05	3	1.8	27	16	23	6	5.9	5.9	6.0	7.0	7.2	6.2	5.78	5.78	5.77	5.77	5.78	5.85
18	34	4	-1.8	02	21	32	6	6.2	6.2	6.0	6.0	6.0	6.0	5.78	5.78	5.77	5.77	5.78	5.85
19	09	8	1.8					6.0	6.0	6.0	6.0	6.0	6.0	5.78	5.78	5.77	5.77	5.78	5.85
20	20	7	-2.0					5.9	5.9	6.0	6.0	6.0	6.0	5.78	5.78	5.77	5.77	5.78	5.85
21	34	8	-4.0					5.8	5.8	6.0	6.0	6.0	6.0	5.78	5.78	5.77	5.77	5.78	5.85
22	36	7	-2.8					5.4	5.4	5.0	5.0	5.2	4.5	5.78	5.78	5.77	5.77	5.78	5.85
23	02	7	-3.0	02	22	36	9	5.0	5.0	5.0	5.0	5.2	4.5	5.78	5.78	5.77	5.77	5.78	5.85
24	32	4	-3.8	34	17	36	10	4.5	4.5	3.8	4.2	4.8	4.8	5.78	5.78	5.77	5.77	5.78	5.85
25	25	4	0.2	32	8	34	11	3.8	3.8	3.8	4.2	4.8	4.8	5.78	5.78	5.77	5.77	5.78	5.85
26	16	4	-0.6	25	16	27	4	3.4	3.4	3.7	4.5	4.8	4.8	5.78	5.78	5.77	5.77	5.78	5.85
27	18	5	3.2	25	14	00	0	3.5	3.5	3.5	4.6	4.8	4.8	5.78	5.78	5.77	5.77	5.78	5.85
28	20	7	3.6					3.8	3.8	3.8	4.1	4.5	4.8	5.78	5.78	5.77	5.77	5.78	5.85
29	20	4	4.0	27	8	00	0	3.8	3.8	3.8	4.1	4.5	4.8	5.78	5.78	5.77	5.77	5.78	5.85
30	00	0	4.0	02	4	05	4	3.8	3.8	6.1	6.2	6.6	6.7	5.78	5.78	5.77	5.77	5.78	5.85
31																			
M		5	1.5					6.1	6.1	6.2	6.6	6.7	6.4	5.78	5.78	5.77	5.77	5.78	5.85

# SYDOSTBROTEN

December

## SYDOSTBROTEN

63° 19' N

20° 11' E

December

Observatör: R. WELANDER

1963

Datum	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C						Vattnets salthet i ‰					
	Riktin. styrka	0 m		Riktin. styrka	40 m	0 m	5 m	10 m	20 m	30 m	40 m	0 m	5 m	10 m	20 m	30 m	40 m
1	20	4	4.3	27	7	00	3.9	3.9	4.0	4.8	4.3	5.50	5.50	5.49	5.57	5.85	5.98
2	20	4	4.0	25	7	23	3.7	3.8	4.5	4.5	4.1						
3	27	4	3.4	29	12	34	3.8	3.8	4.5	4.5	4.1						
4	34	4	1.8	05	8	14	3.1	3.8	4.5	4.5	4.1						
5	32	3	2.8	36	14	36	2.8	3.9	4.6	4.6	4.7						
6	25	4	1.8	25	18	32	2.6	3.4	4.2	4.5	4.6						
7	32	8	1.2														
8	36	6	-0.1	36	16	36	3.5	3.0	3.2	3.5	3.9						
9	02	1	-2.3	00	0	00	2.9	3.0	3.2	3.5	4.2						
10	23	5	2.1	27	9	36	2.9	2.9	3.0	3.0	3.2						
11	32	1	0.0	34	9	36	2.8	2.9	3.0	3.0	3.2						
12	09	2	-2.0	09	9	11	2.6	2.3	2.4	3.1	3.2						
13	29	4	1.0	32	3	05	2.3	2.3	2.4	3.1	3.2						
14	02	5	1.6	09	12	18	2.3	2.1	2.2	3.0	3.6						
15	27	3	-2.0	00	0	16	2.1	2.1	2.2	3.0	3.6						
16	36	8	-0.6														
17	36	3	-4.0	11	3	16	2.1	2.1	2.1	2.3	2.3						
18	18	7	-2.0														
19	09	6	-3.8	14	12	18	2.2	2.2	2.2	2.2	2.5						
20	09	3	-5.6	14	13	23	1.9										
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
M		(4)	(0.1)				(2.8)	(2.9)	(3.0)	(3.4)	(3.7)	(3.8)	(5.31)	(5.50)	(5.63)	(5.77)	(5.94)

# FINNGRUNDET

Januari

## FINNGRUNDET

61° 04' N

18° 41' E

Januari

Observatör: E.A. ALM, E. STEFANSON

1963

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰						
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	
1	36	5	1.6	05	38	36	33	1.8	1.8	1.8	2.2	2.4	5.67	5.75	5.72	5.75	5.72	5.88
2	29	6	0.2	36	8	36	8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
3	34	4	-0.3	36	4	36	6	1.6	1.6	1.6	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
4	23	6	-2.0															
5	09	2	-1.4	36	6	36	6	0.6	1.2	1.2	1.2	1.2	0.6	1.2	1.2	1.2	1.2	1.2
6	05	6	-2.6	36	17	36	16	1.0	1.2	1.2	1.2	1.2	1.0	1.2	1.2	1.2	1.2	1.2
7	32	5	-4.4	32	6	32	9	1.4	1.4	1.4	1.6	1.8	1.4	1.4	1.4	1.4	1.4	1.4
8	27	6	-3.2	27	11	29	18	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
9	36	4	-3.8	36	16	36	12	0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0
10	20	4	-4.6	00	0	00	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
11	34	3	-4.0	36	4	36	6	0.8	1.0	1.0	1.1	1.2	0.8	1.0	1.0	1.1	1.2	1.0
12	25	4	-6.8	32	5	36	6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
13	23	5	-3.2	18	14	18	10	0.6	0.6	0.6	0.8	0.8	0.6	0.6	0.6	0.6	0.6	0.6
14																		
15																		
16																		
17																		
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27																		
28																		
29																		
30																		
31																		
M																		

# FINNGRUNDET

Maj

# FINNGRUNDET

18° 41' E

61° 04' N

1963

Observatör: E. STEFANSON

Maj

Datum	Vind		Luft-temp.		Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰									
	Rikt.	Styrka	0 m	30 m	Rikt.	cm <sup>3</sup> /sek.	0 m	5 m	10 m	15 m	20 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m				
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21	23	4	6.5	27	8	00	0	4.2	3.8	3.4	2.2	1.6	5.62	5.62	5.76	5.79	5.84	5.88				
22	18	5	6.8	18	6	18	6	4.2														
23	20	1	6.3	20	3	00	0	5.2	5.1	4.9	3.4	3.0										
24	05	4	7.3	05	13	05	6	4.7														
25	36	2	5.0	36	8	02	7	5.2	5.1	3.4	3.0	2.4										
26	36	2	6.8	34	4	36	6	5.2	3.6	3.2	3.0	2.6										
27	11	2	9.0	00	0	00	0	6.0	4.8	2.2	2.2	2.2										
28	00	0	10.2	02	4	02	2	7.6														
29	23	2	10.9	00	0	00	0	6.6	4.7	2.3	2.2	2.3										
30	36	4	8.1	05	7	05	7	6.4														
31	02	5	7.4	36	3	36	3	6.4	5.0	3.6	3.0	2.7										
M																						

# FINNGRUNDET

Juni

## FINNGRUNDET

18° 41' E

61° 04' N

Observatör: E. A. ALM, E. STEFANSON

Juni

1963

Datum	Vind		Lufttemp.	Ström från		Vattens temperatur i °C						Vattens salthalt i ‰							
	Rikt.	Styrka		Rikt.	emfakt.	0 m	5 m	10 m	15 m	20 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m		
1	02	2	7.2	34	6	36	7	7.0	6.9	5.4	4.1	3.6	3.4	5.64	5.64	5.74	5.79	5.85	5.86
2	29	1	9.6	00	0	00	0	7.0	7.1	6.9	5.2	4.0	3.4						
3	29	2	9.8	00	0	00	0	7.1	6.9	5.2	4.0	3.2	3.4						
4	36	3	6.4	36	6	02	5	5.2	5.8	5.3	5.1	5.1	3.1						
5	27	2	8.2	00	0	00	0	5.9	5.8	5.3	5.1	5.1	3.1						
6	34	3	11.0	36	10	36	6	7.2	7.1	6.8	5.4	5.2	3.4	5.77	5.75	5.75	5.80	5.82	5.92
7	05	1	8.0	36	3	36	2	7.2	7.2	7.1	6.0	4.5	3.4						
8	32	3	10.2	23	2	00	0	8.2	7.0	7.0	6.2	4.6	3.4						
9	23	1	9.4	23	11	23	7	7.6	7.0	7.0	6.2	4.6	3.4						
10	29	2	11.2	29	7	29	4	8.6	8.2	7.1	5.4	3.8	2.6	5.74	5.75	5.77	5.79	5.83	5.83
11	18	2	11.2	00	0	00	0	9.3	8.2	7.1	5.4	3.8	2.6						
12	34	2	9.4	00	0	00	0	8.2	6.2	6.1	4.3	3.2	2.4						
13	34	6	7.8	32	5	36	4	6.3	6.2	6.1	4.3	3.2	2.4						
14	34	3	7.6	36	4	36	4	6.2	6.2	6.1	4.5	3.0	2.1						
15	29	2	8.2	16	5	16	3	6.2	6.1	5.9	4.5	3.0	2.1						
16	32	2	9.0	00	0	00	0	6.6	6.5	5.9	4.8	4.0	2.5	5.84	5.83	5.83	5.83	5.83	5.93
17	16	2	8.8	00	0	00	0	7.4	7.4	6.4	5.4	4.8	3.6						
18	16	2	10.8	20	6	00	0	9.0	9.1	8.4	6.2	5.3	3.8						
19	16	3	10.4	18	5	00	0	9.4	9.1	8.4	6.2	5.3	3.8						
20	11	3	11.2	14	3	14	4	9.8	10.2	10.0	6.8	5.2	4.9	5.73	5.73	5.82	5.86	5.82	5.84
21	36	3	9.1	23	5	23	3	10.2	8.6	8.2	4.6	3.8	1.8						
22	02	4	10.5	00	0	05	7	9.2	8.6	8.2	4.6	3.8	1.8						
23	07	2	10.0	00	0	36	2	8.6	8.6	8.2	4.6	3.8	1.8						
24	18	2	11.0	32	11	00	0	10.1	10.6	10.6	6.8	3.4	1.9						
25	25	2	11.2	27	11	23	9	10.6	10.6	9.2	6.8	3.4	1.9						
26	16	3	12.8	18	2	00	0	10.6	7.0	5.6	3.9	3.0	1.9	5.75	5.80	5.80	5.82	5.82	5.82
27	09	5	11.2	09	3	00	0	10.6	9.2	9.2	4.6	3.4	1.9						
28	14	2	12.8	14	6	00	0	9.6	10.6	9.2	4.6	3.4	1.9						
29	34	1	10.0	36	3	36	3	10.0	8.8	7.0	3.8	3.2	2.8						
30	20	1	12.8	27	6	27	1	10.2	8.3	7.7	6.8	5.0	4.0	5.75	5.75	5.79	5.82	5.83	5.87
31																			
M		2	9.9					8.3	7.7	6.8	5.0	4.0	2.8	5.75	5.75	5.79	5.82	5.83	5.87

# FINNGRUNDET

Juli

18° 41' E

1963

# FINNGRUNDET

61° 04' N

Observatör: E.A. ALM, E. STEFANSON

Juli

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰								
	Riklin.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m			
1	02	3	13.0	32	4	32	6	10.6	10.2	7.6	5.4	3.6	3.4	5.75	5.78	5.80	5.82	5.82	5.82	
2	18	2	13.6	14	8	14	5	11.4												
3	02	5	14.3	02	17	02	8	11.9	11.9	8.2	8.2	4.0	2.8							
4	32	2	14.2	32	5	32	4	12.6												
5	36	3	13.8	27	2	36	3	12.2	11.9	8.0	5.2	3.3	3.1	5.75	5.73	5.77	5.78	5.80	5.81	
6	23	1	14.6	00	0	00	0	13.0	13.0	9.8	7.6	5.2	2.4							
7	05	2	13.3	23	1	05	4	13.9	12.9	9.0	6.9	5.4	2.4							
8	05	6	12.2	05	16	05	2	12.4												
9	20	1	14.0	27	4	16	3	12.0	11.8	10.2	8.8	3.6	2.8							
10	20	2	13.2	23	13	00	0	12.2												
11	20	3	13.6	00	0	00	0	13.2	13.0	10.2	7.0	2.9	2.8	5.73	5.81	5.80	5.78	5.81	5.81	
12	20	5	12.0	23	7	27	4	13.2												
13	23	5	12.0																	
14	18	2	13.6	00	0	36	3	12.8	12.8	12.2	6.5	2.8	2.6							
15	00	0	13.0	00	0	00	0	12.8												
16	20	3	15.0	23	8	18	5	12.9												
17	23	4	14.2	23	6	00	0	13.1	13.1	13.0	6.0	3.7	3.5	5.73	5.73	5.74	5.84	5.87	5.88	
18	20	4	14.2	20	6	20	3	13.5												
19	25	1	15.1	32	4	00	0	13.9	13.7	13.2	6.2	3.4	3.3							
20	18	5	15.2	16	6	18	3	14.4												
21	27	7	13.6	23	6	27	9	12.0	12.0	12.0	8.0	3.8	3.0	5.68	5.69	5.68	5.73	5.78	5.81	
22	32	5	12.6	00	0	14	5	11.9												
23	27	2	13.8	36	14	36	8	11.8	11.8	11.6	10.2	7.7	3.3							
24	11	2	13.2	36	7	36	4	12.0												
25	16	3	14.4	18	11	18	6	12.4	12.3	11.7	9.2	6.6	3.4							
26	25	5	14.2	18	3	27	4	12.4	12.4	12.2	10.6	8.2	5.2	5.72	5.73	5.70	5.76	5.76	5.77	
27	34	5	14.0	32	4	36	3	12.4	12.4	12.0	9.0	6.8	4.8							
28	05	2	14.2	00	0	00	0	12.8												
29	36	3	13.4	02	6	00	0	13.2	13.1	12.6	11.8	8.5	3.0							
30	36	3	14.6	05	6	36	4	13.2												
31	00	0	15.0	29	2	36	2	13.4	13.0	10.2	9.6	4.2	2.6	5.73	5.75	5.75	5.81	5.81	5.82	
M		3	13.8					12.7	12.4	10.8	8.0	4.9	3.2							

# FINNGRUNDET

61° 04' N

18° 41' E

Augusti

Observatör: E.Å. ALM, E. STEFANSON

1963

Dag	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰					
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m
1	07	2	16.8	02	5	36	3	14.2	13.1	12.8	11.0	6.7	3.4				
2	09	2	16.3	05	1	00	0	15.1									
3	27	3	16.2	27	12	32	6	15.4	13.2	12.1	10.6	6.0	3.2				
4	34	3	15.7	32	6	34	7	15.8									
5	07	4	16.4	09	11	09	7	15.4	13.8	12.6	10.8	6.0	3.1				
6	11	3	16.0	00	0	00	0	15.4	15.4	13.6	10.8	6.6	3.2				
7	14	1	14.8	00	0	00	0	15.5	15.4	15.0	10.6	8.0	3.1				
8	16	3	15.6	16	3	16	3	15.6									
9	07	5	16.7	09	3	00	0	16.1	15.8	15.4	12.4	7.0	3.2				
10	23	6	15.2														
11	20	3	14.6	27	3	05	9	15.6	15.6	15.6	11.2	8.2	3.6				
12	09	6	15.4														
13	02	2	16.2	36	7	05	4	16.0	16.0	14.0	10.9	6.0	3.8				
14	36	1	15.6	34	8	36	10	15.7									
15	05	1	15.0	00	0	00	0	16.0	16.0	15.3	12.0	4.6	4.0				
16	11	3	16.8	09	12	00	0	16.2	16.2	16.0	12.0	10.4	4.0				
17	05	2	18.4	05	4	00	0	16.2	16.2	16.0	12.0	10.4	4.0				
18	02	3	17.2	02	8	02	7	16.8	16.8	15.6	9.4	4.2	2.8				
19	09	5	17.6	14	9	18	11	16.8	16.8	15.6	9.4	4.2	2.8				
20	18	3	15.4	02	8	00	0	15.8									
21	23	4	15.2	27	6	27	4	15.8	15.8	15.4	10.0	4.4	2.1				
22	23	2	15.6	00	0	00	0	15.8									
23	23	1	15.2	14	6	14	7	16.2	16.0	15.8	13.8	8.5	3.7				
24	32	2	15.0	02	2	00	0	15.6									
25	20	4	16.0	32	3	00	0	16.4	16.4	15.6	14.0	8.0	3.6				
26	16	2	16.2	32	4	32	3	16.4	16.4	15.2	10.6	4.0	3.8				
27	20	5	15.0	18	11	18	6	15.8	15.7	15.0	14.0	6.0	4.1				
28	23	5	14.2														
29	23	4	14.1	20	4	25	3	15.6	15.2	15.0	11.8	5.1					
30	00	0	15.1	00	0	09	2	14.1									
31	09	3	15.5	09	5	00	0	15.9	15.7	15.7	14.4	4.0	3.5				
M		3	15.8					15.8	15.5	14.8	11.9	6.7	3.5				



# FINNGRUNDET

September

# FINNGRUNDET

18° 41' E

61° 04' N

September

Observatör: E. STEFANSON

1963

Dag	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C						Vattnets salihalt i ‰							
	Riktn. styrka	styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m		
1	02	4	14.5	05	8	05	10	15.4	15.2	15.2	9.8	4.0	2.8	5.58	5.58	5.59	5.76	5.84	5.84
2	20	3	15.8	36	9	36	9	15.4	15.4	15.2	9.0	4.4	3.8	5.58	5.58	5.59	5.76	5.84	5.84
3	11	3	16.8	14	6	14	3	15.4	15.4	15.2	9.0	4.4	3.8	5.58	5.58	5.59	5.76	5.84	5.84
4	27	1	15.2	05	4	36	4	15.4	15.4	15.2	9.0	4.4	3.8	5.58	5.58	5.59	5.76	5.84	5.84
5	20	4	14.1	29	3	00	0	15.2	15.1	15.1	9.0	4.6	3.3	5.60	5.61	5.61	5.74	5.82	5.85
6	16	2	15.8	00	0	00	0	15.4	15.4	15.4	10.2	4.8	3.3	5.60	5.61	5.61	5.74	5.82	5.85
7	32	6	14.0	36	8	36	4	15.4	15.3	15.3	9.2	4.6	3.4	5.60	5.61	5.61	5.74	5.82	5.85
8	25	2	14.2	00	0	36	3	15.2	15.2	15.2	15.0	6.8	3.2	5.60	5.61	5.61	5.74	5.82	5.85
9	20	3	14.4	23	3	00	0	15.2	15.2	15.2	15.0	6.8	3.2	5.60	5.61	5.61	5.74	5.82	5.85
10	20	4	14.0	18	9	18	7	14.6	14.6	14.4	8.2	4.0	2.9	5.53	5.54	5.53	5.79	5.80	5.82
11	25	4	12.6	20	4	25	2	14.6	14.4	14.2	8.2	4.0	2.9	5.53	5.54	5.53	5.79	5.80	5.82
12	23	4	12.7	23	3	18	7	14.6	14.2	14.2	8.0	4.2	3.0	5.63	5.62	5.64	5.66	5.79	5.81
13	32	4	11.6	36	3	02	11	14.2	14.2	14.2	8.0	4.2	3.0	5.63	5.62	5.64	5.66	5.79	5.81
14	23	6	13.0											5.63	5.62	5.64	5.66	5.79	5.81
15	29	7	11.9											5.63	5.62	5.64	5.66	5.79	5.81
16	23	5	13.8	23	10	36	11	12.9	12.8	12.8	12.0	4.3	2.9	5.63	5.62	5.64	5.66	5.79	5.81
17	29	2	12.4	09	6	11	2	13.9	13.9	12.3	11.9	6.8	3.0	5.63	5.62	5.64	5.66	5.79	5.81
18	23	5	12.8	18	6	18	11	12.7	12.7	12.3	11.9	6.8	3.0	5.63	5.62	5.64	5.66	5.79	5.81
19	34	7	10.2											5.63	5.62	5.64	5.66	5.79	5.81
20	34	1	11.6	00	0	00	0	12.6	11.8	11.8	11.6	7.7	3.4	5.68	5.66	5.66	5.66	5.78	5.81
21	23	5	10.8	18	9	25	4	11.9	11.8	11.8	11.6	7.7	3.4	5.68	5.66	5.66	5.66	5.78	5.81
22	20	4	11.6	36	2	36	3	11.8	11.2	11.2	11.2	9.8	3.4	5.68	5.66	5.66	5.66	5.78	5.81
23	23	4	11.8	00	0	00	0	11.4	11.2	11.2	11.2	9.8	3.4	5.68	5.66	5.66	5.66	5.78	5.81
24	23	4	10.4	32	4	00	0	11.8	11.6	11.6	11.6	8.3	4.4	5.68	5.66	5.66	5.66	5.78	5.81
25	14	5	12.2	16	8	16	3	11.6	11.6	11.6	11.6	8.3	4.4	5.68	5.66	5.66	5.66	5.78	5.81
26	20	2	12.0	00	0	27	3	11.5	11.5	11.5	11.5	11.3	3.7	5.68	5.66	5.66	5.66	5.78	5.81
27	20	8	10.4											5.68	5.66	5.66	5.66	5.78	5.81
28	29	5	9.8											5.68	5.66	5.66	5.66	5.78	5.81
29	25	5	10.2	20	4	32	2	10.4	10.2	10.2	10.2	9.8	3.8	5.68	5.66	5.66	5.66	5.78	5.81
30	20	1	8.1	32	6	32	9	10.4	10.2	10.2	10.2	9.8	3.8	5.68	5.66	5.66	5.66	5.78	5.81
31														5.68	5.66	5.66	5.66	5.78	5.81
M		4	12.6					13.6	13.6	13.4	10.6	6.4	3.4	5.61	5.61	5.70	5.75	5.83	5.83

# FINNGRUNDET

61° 04' N

18° 41' E

Oktober

Observatör: E.A. ALM, E. STEFANSON

1963

Datum	Vind		Luft-temp.	Ström från		Vattens temperatur i °C						Vattens salthalt i ‰					
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m
1	34	2	8.4	34	6	34	4	10.4	10.4	10.4	7.9	4.2	5.68	5.66	5.66	5.80	5.83
2	36	2	9.0	00	0	00	0	10.1	10.4	10.4	8.2	4.1					
3	07	4	10.3	05	5	36	9	10.0	9.9	9.8	8.2	4.1					
4	36	5	8.8														
5	23	6	8.6														
6	25	4	8.0	32	5	32	10	9.2	9.0	8.2	7.0	3.8	5.65	5.63	5.63	5.69	5.82
7	29	2	8.6	29	11	29	6	8.2	8.0	6.8	4.4	2.6					
8	25	2	7.4	00	0	00	0	8.4	8.0	7.2	4.7	2.8					
9	20	6	9.0	23	4	23	6	8.1	8.0	7.2	4.7	2.8					
10	25	6	7.8														
11	29	5	6.8	29	10	27	3	7.4	7.2	7.0	7.3	3.1	5.62	5.62	5.62	5.62	5.62
12	32	2	6.0														
13	23	3	5.6	05	4	00	0	6.4	6.4	6.4	5.8	4.6					
14	05	10	5.6														
15	34	7	4.2														
16	23	4	5.6	23	4	23	3	5.8	5.8	5.8	5.8	5.8	5.69	5.69	5.69	5.69	5.69
17	27	2	6.2	00	0	00	0	5.8	5.8	5.8	5.8	5.8					
18	23	1	5.1	00	0	00	0	6.1	5.4	5.4	5.4	5.4					
19	27	4	6.8	00	0	00	0	5.4	5.4	5.4	5.4	5.4					
20	20	3	5.4	05	3	14	4	5.6	5.4	5.4	5.4	5.4	5.69	5.69	5.69	5.69	5.69
21	18	3	6.6	18	4	18	6	5.4	5.4	5.4	5.4	5.4					
22	23	5	8.6	23	10	27	6	5.4	5.4	5.4	5.4	5.4					
23	29	2	5.4	34	4	34	7	5.4	5.4	5.4	5.4	5.4					
24	23	5	6.4	23	6	23	8	5.4	5.4	5.4	5.4	5.4					
25	23	4	7.1	29	4	32	7	5.2	5.2	5.2	5.2	5.2					
26	27	1	5.4	00	0	00	0	5.2	5.2	5.2	5.2	5.2	5.71	5.71	5.71	5.69	5.73
27	32	4	7.0	32	3	36	3	5.2	5.2	5.2	5.2	5.2					
28	25	1	6.2	00	0	00	0	5.2	5.2	5.2	5.2	5.2					
29	29	4	6.2	36	8	36	6	5.2	5.2	5.2	5.2	5.2					
30	20	2	5.2	18	4	00	0	5.1	5.2	5.2	5.2	5.2					
31	23	4	4.1	27	6	32	3	5.1	5.2	5.2	5.2	5.2	5.67	5.66	5.67	5.70	5.73
M		4	6.8					6.6	6.7	6.6	6.4	5.8	4.6				

# FINNGRUNDET

November

# FINNGRUNDET

18° 41' E

61° 04' N

1963

Observatör: E. STEFANSON

November

Dag	Vind		Lufttemp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰					
	Rikt.	styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m
1	23	5	4.1	27	3	27	6	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
2	14	1	4.8	32	6	32	6	4.9									
3	09	2	5.1	00	0	00	0	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
4	34	1	5.0	00	0	36	3	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
5	25	3	5.0	23	3	23	4	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
6	20	3	5.4	18	8	00	0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
7	18	6	5.6														
8	00	0	5.6	32	4	00	0	5.0									
9	05	1	5.4	00	0	00	0	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
10	02	1	2.6	36	4	36	3	4.7									
11	36	2	1.8	36	3	05	4	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
12	11	4	2.5	09	21	05	10	4.8									
13	11	5	2.8	09	6	09	5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
14	20	4	5.8	14	4	18	4	4.7									
15	20	1	4.8	34	2	00	0	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
16	09	3	5.2	07	2	00	0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
17	32	2	1.5	36	3	09	6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
18	29	3	1.6	00	0	34	6	4.3									
19	11	3	5.4	11	2	11	3	4.4	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2
20	32	6	0.7														
21	29	7	2.0														
22	02	1	1.2	36	3	36	3	3.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
23	36	5	-0.4	36	13	36	9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
24	36	1	0.3	36	3	05	3	3.7									
25	20	4	0.6	23	4	23	6	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
26	11	5	0.6	36	4	05	8	3.5									
27	16	4	2.6	18	7	18	9	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
28	18	2	1.4	18	4	18	2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
29	20	3	3.6	23	7	23	7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
30	00	0	3.6	00	0	00	0	2.9									
31																	
M		3	3.2					4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4

# FINNGRUNDET

61° 04' N

18° 41' E

December

Observatör: E.A. ALM, E. STEFANSON

1963

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰					
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m
1	14	1	3.4	00	0	00	0	3.0	3.0	3.0	3.0	3.0	3.0	5.76	5.76	5.76	5.78
2	14	2	2.6	00	0	00	0	3.0	3.0	3.0	3.0	3.0	3.0	5.76	5.76	5.76	5.78
3	29	2	2.5	00	0	27	2	3.0	3.2	3.0	3.0	3.0	3.0	5.76	5.76	5.76	5.78
4	34	4	3.2	32	8	32	6	2.9	2.9	2.9	2.9	2.9	2.9	5.81	5.81	5.79	5.79
5	32	3	3.6	00	0	00	0	2.9	2.9	2.9	2.9	2.9	2.9	5.81	5.81	5.79	5.79
6	32	2	2.5	36	4	00	0	3.0	3.0	3.0	3.0	3.0	3.0	5.81	5.81	5.79	5.79
7	32	7	2.4														
8	34	4	1.2	32	12	32	16	3.2	3.2	3.2	3.2	3.2	3.2	5.79	5.79	5.79	5.79
9	05	2	1.0	14	4	18	2	3.4	3.2	3.2	3.4	3.4	3.4	5.79	5.79	5.79	5.81
10	22	3	1.4	36	3	36	6	3.2	2.7	2.7	2.7	2.7	2.7	5.79	5.79	5.79	5.81
11	32	2	1.6	34	3	34	4	2.7	2.7	2.7	2.7	2.7	2.7	5.79	5.79	5.79	5.81
12	07	5	0.2	05	9	05	14	2.6	3.0	3.0	3.0	3.0	3.0	5.83	5.83	5.83	5.83
13	32	2	-1.2	32	7	32	3	3.0	3.0	3.0	3.0	3.0	3.0	5.83	5.83	5.83	5.83
14	29	6	4.2	27	11	27	11	3.0	3.0	3.0	3.0	3.0	3.0	5.83	5.83	5.83	5.83
15	34	2	0.2	32	6	34	4	3.0	3.0	3.0	3.0	3.0	3.0	5.83	5.83	5.83	5.83
16	29	7	3.2														
17	34	3	-0.8	05	6	05	4	2.8	2.8	2.8	2.8	2.8	2.8	5.83	5.83	5.83	5.83
18	20	5	-2.3	23	4	18	3	2.6	2.2	2.2	2.2	2.2	2.2	5.83	5.83	5.83	5.83
19	16	7	0.0														
20	09	2	-2.1	05	7	05	12	2.0	2.2	2.2	2.2	2.2	2.2	5.83	5.83	5.83	5.83
21	05	3	-2.4	05	3	00	0	2.0	2.2	2.2	2.2	2.2	2.2	5.83	5.83	5.83	5.83
22	29	5	-1.6	32	8	32	6	2.2	2.2	2.2	2.2	2.2	2.2	5.83	5.83	5.83	5.83
23	32	2	0.1	36	6	36	4	2.2	2.2	2.2	2.2	2.2	2.2	5.83	5.83	5.83	5.83
24	25	5	2.6	23	4	00	0	2.2	2.2	2.2	2.2	2.2	2.2	5.83	5.83	5.83	5.83
25	25	5	0.8	27	10	29	9	1.8	1.8	1.8	1.8	1.8	1.8	5.83	5.83	5.83	5.83
26	23	7	0.5														
27	25	4	2.2	23	8	23	5	1.8	1.8	1.8	1.8	1.8	1.8	5.83	5.83	5.83	5.83
28	36	1	1.0	36	3	05	4	1.8	1.8	1.8	1.8	1.8	1.8	5.83	5.83	5.83	5.83
29	20	4	2.4	00	0	00	0	1.8	1.8	1.8	1.8	1.8	1.8	5.83	5.83	5.83	5.83
30	20	6	2.4	23	7	23	6	2.0	2.0	2.0	2.0	2.0	2.0	5.83	5.83	5.83	5.83
31	23	5	3.0	27	4	27	7	1.6	1.6	1.6	1.6	1.6	1.6	5.83	5.83	5.83	5.83
M		4	1.2					2.5	2.5	2.6	2.6	2.6	2.6	5.80	5.80	5.79	5.80

# SVENSKA BJÖRN

Januari

# SVENSKA BJÖRN

59° 36' N

19° 56' E

Januari

Observatör: T. E. SJÖGREN

1963

Dag	Vind		Lufttemp.	Ström från		Vattnets temperatur i °C							Vattnets salihalt i ‰							
	Riklin.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	m
1	32	3	-1.5	36	24	2.7	2.8	2.8	2.8	2.9	3.1	3.6	6.55	6.57	6.56	6.56	6.57	6.64	6.75	
2	32	4	-2.0	34	27	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.8	2.7	2.7	2.8	2.8	2.9		
3	36	4	0.5	09	6	2.7	2.7	2.7	2.7	2.8	2.8	2.9	2.6	2.6	2.7	2.8	2.8	2.9		
4	20	4	-0.5	32	13	2.6	2.6	2.6	2.6	2.7	2.7	2.9	2.4	2.5	2.6	2.7	2.9	3.0		
5	14	2	-1.5	36	11	2.4	2.4	2.4	2.4	2.5	2.5	2.6	2.4	2.4	2.5	2.6	2.8	2.8		
6	02	5	-3.0	05	13	2.4	2.4	2.4	2.4	2.5	2.5	2.6	2.4	2.4	2.5	2.6	2.8	2.8		
7	27	3	-6.5	29	17	2.4	2.4	2.4	2.4	2.5	2.5	2.6	2.4	2.4	2.5	2.6	2.8	2.8		
8	32	3	-3.6	36	16	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.2	2.4	2.4		
9	34	4	-2.0	05	22	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.3	2.8	2.9		
10	25	2	-4.3	27	3	1.9	1.9	1.9	1.9	1.9	1.9	2.0	1.8	1.8	1.9	1.9	2.0	2.2		
11	36	2	-3.5	05	16	05	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6		
12	27	3	-6.5	05	11	05	3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8		
13	23	2	-3.5	18	13	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7		
14	36	7	-5.0	02	50	02	47	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7		
15	05	7	-7.0	09	20	09	16	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		
16	02	7	-10.0	36	19	36	13	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		
17	34	5	-4.3	16	8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		
18	23	4	-5.5	27	9	27	7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
19	32	5	0.5	32	6	32	3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		
20	05	4	-4.7	09	12	09	14	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		
21	02	4	-5.0	16	13	16	9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
22	34	3	1.2	36	13	36	10	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2		
23	27	3	-0.5	36	13	36	12	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2		
24	32	4	0.5	05	47	05	37	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7		
25	18	4	-1.8	32	11	34	7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7		
26	20	4	0.2	32	11	32	13	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7		
27	32	2	-2.0	05	12	05	7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7		
28	16	2	-0.4	05	8	07	8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8		
29	14	1	-2.3	11	12	11	8	0.7	0.7	0.9	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.3		
30	29	1	-4.2	09	7	09	7	-0.3	-0.3	0.2	0.2	0.5	0.8	0.8	0.8	0.8	0.8	0.8		
31	02	6	-3.2	02	25	02	18	-0.3	-0.3	0.2	0.2	0.5	0.8	0.8	0.8	0.8	0.8	0.8		
M		4	-2.9					1.5	1.6	1.6	1.6	1.7	1.8	1.8	1.8	1.8	1.8	2.0		

# SVENSKA BJÖRN

Februari

## SVENSKA BJÖRN

59° 36' N

19° 56' E

Februari

Observatör: K.H. HALLBOM

1963

Dag	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰										
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	m		
1	07	4	-8.3	07	9	07	8	0.0	0.4	0.4	0.5	0.8	1.0	1.0	1.0	6.48	6.50	6.50	6.53	6.52	6.61	6.72
2	07	4	-5.5	02	13	02	11	0.4	0.4	0.7	0.7	0.7	0.8	0.8								
3	11	3	-2.0	11	19	11	11	0.5	0.7	0.7	0.7	0.7	0.8	0.8								
4	07	5	-1.0	07	20	07	16	0.0	0.7	0.7	0.7	0.7	0.7	0.7								
5	32	6	-4.8	36	74	34	3	0.1	0.5	0.5	0.5	0.6	0.7	0.7								
6	29	2	-3.8	32	5	34	4	-0.3	-0.1	0.0	0.5	0.8	1.0	1.0								
7	05	3	-5.3	07	15	05	6	-0.1	0.3	0.9	1.0	1.1	1.2	1.3								
8	07	5	-7.0	11	11	09	7	0.0	0.1	0.1	0.2	0.2	0.2	0.2								
9	20	1	-6.5	00	0	00	0	-0.2	0.1	0.1	0.2	0.2	0.9	1.0								
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
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23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
M																						

# SVENSKA BJÖRN

Maj

# SVENSKA BJÖRN

59° 36' N

19° 56' E

Observatör: K.H. HALLBOM, T.E. SJÖGREN

1963

Maj

Datum	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰							
	Riktn. styrka	0 m		Riktn. styrka	30 m	0 m	5 m	10 m	15 m	20 m	30 m	34 m	0 m	5 m	10 m	15 m	20 m	30 m	34 m
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8	18	2	3.8	34	9	34	8												
9	07	1	6.1	05	8	02	7	2.8											
10	14	3	5.7	02	6	02	7	3.0											
11	14	4	6.4	00	6	23	4	2.7											
12	27	2	6.0	29	6	32	5	3.8											
13	20	1	7.4	34	4	00	0	4.4											
14	14	2	6.0	36	3	02	4	4.2											
15	29	1	4.7	05	9	02	4	4.7											
16	29	2	8.8	34	9	32	2	5.0											
17	23	1	7.4	36	5	36	6	4.7											
18	20	3	6.5	36	6	02	8	4.2											
19	18	3	6.6	02	5	02	7	4.7											
20	18	4	5.8	34	9	34	3	4.7											
21	23	1	7.0	36	11	36	6	4.8											
22	14	2	8.4	02	5	02	5	5.3											
23	02	1	8.7	02	11	02	9	6.4											
24	05	3	10.2	09	12	09	9	6.7											
25	07	2	10.1	07	7	07	2	7.5											
26	07	1	12.2	05	2	00	0	8.3											
27	09	3	9.4	00	0	05	4	7.4											
28	09	2	10.1	07	12	05	8	7.2											
29	27	1	12.3	02	7	02	2	8.9											
30	34	5	11.4	05	26	05	13	8.3											
31	02	4	10.2	02	9	02	4	8.5											
M		2	8.0					5.4	6.1	5.2	1.7	1.2	1.0	0.8					
								6.23	6.20	6.30	6.55	6.67	6.77	6.83					

# SVENSKA BJÖRN

Juni

## SVENSKA BJÖRN

19° 56' E

59° 36' N

Observatör: K.H. HALLBOM, T.E. SJÖGREN

1963

Juni

Datum	Vind		Luft-temp.	Ström från		Vattens temperatur i °C							Vattens salthalt i ‰									
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	34 m	0 m	5 m	10 m	15 m	20 m	30 m	34 m	m		
1	02	3	11.6	36	8	00	0	6.7	6.6	3.3	1.4	1.2	1.1	1.1	1.0	6.27	6.28	6.29	6.38	6.53	6.67	6.73
2	32	3	10.2	32	7	32	7	8.9	8.9	9.2	8.6	2.5	1.1	1.4								
3	18	3	10.0	36	9	36	4	9.3	9.2	9.2	8.6	2.5	1.1	1.4								
4	05	1	11.6	09	16	05	10	9.5	9.5	9.2	8.6	2.5	1.1	1.4								
5	32	3	9.9	05	18	32	4	9.8	9.8	9.0	2.6	2.3	1.6	1.3								
6	23	4	11.5	36	20	36	13	10.3	10.3	10.3	8.9	5.1	2.9			6.08	6.07	6.42	6.64	6.71	6.82	6.84
7	05	3	12.3	09	17	09	14	9.7	9.7	8.6	4.2	2.6	2.0									
8	23	2	13.6	05	13	05	12	11.1	11.1	10.3	10.2	8.1	4.3	2.1								
9	00	0	16.5	07	7	36	3	10.3	10.2	8.1	6.1	4.3	2.1									
10	23	2	13.3	02	8	36	8	9.9														
11	14	1	14.0	14	19	14	15	10.1	10.1	10.1			4.5	2.3		6.18	6.22	6.37	6.55	6.59	6.73	6.75
12	20	3	14.8	36	8	36	9	10.4														
13	34	6	10.0	02	29	02	19															
14	34	3	10.2	02	19	05	17	10.7														
15	25	2	12.0	05	11	05	7	10.5														
16	02	2	11.5	09	20	07	14	10.3	10.3	10.3	10.3	10.3	10.3			6.08	6.07	6.10	6.16	6.38	6.56	6.72
17	18	3	13.8	00	0	00	0	10.7														
18	18	1	13.0	00	0	00	0	10.8														
19	14	3	13.2	07	9	09	8	11.0														
20	18	2	12.7	34	19	34	14	11.4														
21	00	0	14.6	00	0	00	0	12.4	11.4	10.1	8.2	5.9	3.2	2.5		6.09	6.09	6.05	6.11	6.15	6.52	6.77
22	34	3	14.0	00	0	02	3	12.4														
23	14	1	13.9	36	9	00	0	12.7														
24	23	2	14.1	36	6	36	6	12.6														
25	23	3	14.0	02	9	02	4	13.0														
26	11	3	15.2	36	2	36	2	13.0														
27	18	7	12.5	29	23	27	20	11.6														
28	18	2	12.0	36	9	36	6	10.4														
29	02	1	12.6	09	3	05	4	11.2	10.4	9.6	9.2	7.1	3.2	2.5		6.09	6.09	6.13	6.17	6.38	6.56	6.84
30	23	2	13.8	05	9	05	6	11.5														
31																						
M		2	12.7					10.8	9.7	8.3	4.9	3.5	2.1	1.8		6.13	6.14	6.23	6.34	6.46	6.64	6.78



# SVENSKA BJÖRN

Juli

# SVENSKA BJÖRN

59° 36' N

19° 56' E

Observerator: K.H. HALLBOM, T.E. SJÖGREN

Juli

1963

Datum	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C							Vattnets salthalt i ‰								
	Riktn. Svtyka	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	34 m	0 m	5 m	10 m	15 m	20 m	30 m	34 m		
1	02	4	15.3	07	13	05	12	11.5	10.1	7.3	4.5	3.1	2.2	6.18	6.18	6.11	6.37	6.57	6.72	6.91	
2	34	1	14.4	14	8	00	0	12.4													
3	00	0	16.6	09	12	05	13	13.1	12.9	9.8	5.9	4.2	2.9								
4	29	2	15.8	36	6	36	2	13.4													
5	36	2	16.8	36	17	36	14	13.6	11.6	6.5	5.7	4.1	3.0								
6	20	2	16.2	27	7	00	0	14.2	14.0	12.2	7.3	5.6	4.0	5.97	5.98	6.21	6.21	6.39	6.62	6.88	
7	34	3	14.6	34	19	34	3	14.6	14.5	12.9	8.6	5.3	4.0								
8	32	4	14.0	32	19	32	9	14.1													
9	16	2	14.5	14	6	16	2	14.1	14.1	13.5	8.2	5.2	4.3								
10	20	4	14.8	32	6	00	0	13.5													
11	18	3	14.8	36	4	36	4	13.4	13.3	13.2	5.7	4.8	4.0								
12	20	6	13.0	27	14	27	7	13.8													
13	23	4	13.2	00	0	32	2	13.3	13.3	13.4	6.4	5.5	3.6								
14	14	2	14.0	00	0	00	0	13.3													
15	25	1	14.9	00	0	00	0	14.3	14.1	13.9	10.3	6.2	4.0								
16	18	3	15.0	25	4	00	0	14.4	14.3	13.9	8.9	6.2	4.2								
17	20	3	15.0	00	0	00	0	14.5	14.3	14.3	12.7	6.6	4.7								
18	20	3	15.5	00	0	00	0	14.7						5.84	5.84	5.87	5.88	6.08	6.59	6.93	
19	20	1	17.2	34	5	34	4	17.0	14.6	14.6	12.9	6.5	4.3								
20	18	4	16.5	34	3	00	0	15.1													
21	29	6	14.8	32	17	32	5	14.8	14.7	14.4	6.6	4.0	3.0								
22	32	3	14.2	34	4	34	2	14.7													
23	23	3	15.0	23	2	00	0	14.7	14.5	14.5	8.0	3.7	2.0								
24	16	2	16.6	09	4	09	1	14.7													
25	18	2	16.4	29	6	23	3	15.2	15.1	15.0	14.2	7.2	3.9								
26	23	3	16.0	27	8	29	7	15.3	15.3	15.3	14.2	7.5	4.1								
27	36	4	14.8	02	4	05	13	15.3	15.3	15.3	15.1	8.3	4.1								
28	02	3	15.0	05	11	02	3	15.2													
29	36	3	15.2	02	8	36	7	15.2	15.2	15.2	12.1	6.6	3.6								
30	05	3	16.6	02	5	02	6	15.2													
31	07	2	16.2	02	4	00	0	15.5	15.4	15.3	7.8	6.5	3.6								
M		3	15.3					14.3	14.2	13.6	10.3	6.2	4.0	2.6							
															5.93	5.94	5.98	6.02	6.28	6.63	6.89

# SVENSKA BJÖRN

59° 36' N

19° 56' E

Augusti

Observatör: K.H. HALLBOM

1963

Datum	Vind		Luft- temp.	Ström från				Vattnets temperatur i °C						Vattnets sölfhalt i ‰							
	Riklin.	Slysko		0 m	30 m	Riklin.	cm/sek.	Riklin.	cm/sek.	0 m	5 m	10 m	15 m	20 m	30 m	34 m	0 m	5 m	10 m	15 m	20 m
1	09	2	18.2	00	0	00	0	16.2	15.8	15.3	9.1	6.8	4.2	3.1	5.92	5.90	5.97	6.28	6.36	6.71	6.92
2	14	2	18.9	00	0	32	3	17.2	17.0	17.0	13.3	7.7	4.1	3.6	5.91	5.91	5.92	6.12	6.18	6.54	6.58
3	00	0	18.7	14	4	05	3	17.4	17.0	15.0	13.3	7.7	4.1	3.6	5.64	5.68	5.67	6.07	6.36	6.47	6.95
4	25	2	17.8	05	7	05	8	17.6	17.5	14.5	12.2	9.1	4.4	3.5	5.78	5.78	5.80	6.06	6.32	6.58	6.71
5	07	3	17.5	14	12	05	4	17.5	17.0	16.9	11.5	7.8	4.0	4.0	5.91	5.91	5.92	6.12	6.18	6.54	6.58
6	11	5	16.8	20	15	16	2	17.1	16.7	16.6	12.9	6.4	4.4	4.0	5.64	5.68	5.67	6.07	6.36	6.47	6.95
7	32	2	16.0	34	3	34	3	16.7	16.8	16.8	16.8	7.9	5.4	3.8	5.91	5.91	5.92	6.12	6.18	6.54	6.58
8	09	2	15.8	07	2	00	0	16.8	16.8	16.8	16.8	7.9	5.4	3.8	5.64	5.68	5.67	6.07	6.36	6.47	6.95
9	11	3	17.5	32	6	00	0	16.3	16.6	16.2	7.0	4.5	4.0	3.3	5.64	5.68	5.67	6.07	6.36	6.47	6.95
10	23	2	16.7	32	8	00	0	16.3	16.6	16.2	7.0	4.5	4.0	3.3	5.64	5.68	5.67	6.07	6.36	6.47	6.95
11	23	3	15.7	34	9	36	7	16.7	16.8	16.8	6.9	4.5	3.9	3.7	5.64	5.68	5.67	6.07	6.36	6.47	6.95
12	14	1	16.7	05	9	02	6	16.5	16.8	16.8	6.9	4.5	3.9	3.7	5.64	5.68	5.67	6.07	6.36	6.47	6.95
13	29	1	16.4	00	0	02	1	16.7	16.8	16.8	6.9	4.5	3.9	3.7	5.64	5.68	5.67	6.07	6.36	6.47	6.95
14	36	3	15.4	27	2	00	0	16.7	16.8	16.8	6.9	4.5	3.9	3.7	5.64	5.68	5.67	6.07	6.36	6.47	6.95
15	09	2	16.8	09	3	00	0	16.8	16.7	15.8	9.0	5.0	3.9	3.6	5.64	5.68	5.67	6.07	6.36	6.47	6.95
16	14	3	17.5	14	4	00	0	17.0	17.0	15.6	6.0	4.8	3.8	3.5	5.64	5.68	5.67	6.07	6.36	6.47	6.95
17	11	3	16.5	36	3	36	2	16.8	16.8	16.5	8.2	4.4	3.7	3.4	5.64	5.68	5.67	6.07	6.36	6.47	6.95
18	14	2	17.3	20	7	00	0	16.8	16.6	12.9	6.4	4.4	3.5	3.4	5.64	5.68	5.67	6.07	6.36	6.47	6.95
19	11	6	17.2	14	22	11	3	16.6	16.6	12.9	6.4	4.4	3.5	3.4	5.64	5.68	5.67	6.07	6.36	6.47	6.95
20	16	3	16.7	16	7	05	12	15.2	15.2	14.4	8.4	4.5	3.6	3.5	5.64	5.68	5.67	6.07	6.36	6.47	6.95
21	18	3	17.5	20	7	00	0	15.2	15.1	14.4	8.4	4.5	3.6	3.5	5.64	5.68	5.67	6.07	6.36	6.47	6.95
22	25	1	15.0	05	14	05	6	15.2	15.1	14.4	8.4	4.5	3.6	3.5	5.64	5.68	5.67	6.07	6.36	6.47	6.95
23	36	1	15.1	25	2	00	0	15.5	15.3	14.9	13.4	6.0	4.1	3.8	5.64	5.68	5.67	6.07	6.36	6.47	6.95
24	23	2	15.4	11	6	00	0	15.3	15.3	14.9	13.4	6.0	4.1	3.8	5.64	5.68	5.67	6.07	6.36	6.47	6.95
25	25	2	15.4	36	10	36	9	15.8	15.5	15.0	10.8	5.8	4.2	3.7	5.64	5.68	5.67	6.07	6.36	6.47	6.95
26	18	2	17.1	34	2	36	2	15.7	15.6	14.7	10.4	5.6	4.3	3.9	5.64	5.68	5.67	6.07	6.36	6.47	6.95
27	20	3	15.7	09	2	34	2	16.0	16.0	15.0	8.9	5.0	4.0	3.9	5.64	5.68	5.67	6.07	6.36	6.47	6.95
28	23	3	15.6	05	7	36	6	15.7	16.1	16.0	9.2	6.7	3.9	3.9	5.64	5.68	5.67	6.07	6.36	6.47	6.95
29	23	1	16.6	02	6	02	6	16.1	16.1	16.0	9.2	6.7	3.9	3.9	5.64	5.68	5.67	6.07	6.36	6.47	6.95
30	36	3	15.5	05	2	02	6	16.0	15.9	15.8	15.3	6.7	4.7	4.5	5.64	5.68	5.67	6.07	6.36	6.47	6.95
31	05	5	14.7	07	28	07	16	16.0	16.4	15.5	9.8	5.8	4.0	3.7	5.64	5.68	5.67	6.07	6.36	6.47	6.95
M		2	16.6					16.4	16.4	15.5	9.8	5.8	4.0	3.7	5.64	5.68	5.67	6.07	6.36	6.47	6.95

# SVENSKA BJÖRN

September

## SVENSKA BJÖRN

19° 56' E

59° 36' N

Observatör: K.H. HALLBOM, T.E. SJÖGREN

September

1963

Dag	Vind		Luft-temp.	Ström från		Väthets temperatur i °C						Väthets salthalt i ‰								
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	34 m	0 m	5 m	10 m	15 m	20 m	30 m	34 m	m
1	14	1	16.7	05	3	05	3	16.1	16.1	16.0	8.0	5.2	5.4	5.3	6.33	6.33	6.27	6.32	6.43	6.48
2	18	2	16.4	36	2	05	2	16.2	16.2	16.1	10.8	9.1	5.4	5.1	6.33	6.33	6.27	6.32	6.43	6.48
3	18	2	17.3	20	7	23	2	16.2	16.2	16.1	10.8	9.1	5.4	5.1	6.33	6.33	6.27	6.32	6.43	6.48
4	29	2	16.2	05	2	05	2	16.2	16.2	16.1	10.8	9.1	5.4	5.1	6.33	6.33	6.27	6.32	6.43	6.48
5	23	3	15.7	29	4	27	3	16.0	16.0	16.0	13.8	6.4	4.2	4.8	6.13	6.14	6.27	6.33	6.36	6.52
6	14	4	16.1	27	8	27	3	16.2	16.1	16.1	10.4	6.2	5.2	4.9	6.13	6.14	6.27	6.33	6.36	6.52
7	29	5	14.0	34	24	36	18	15.3	15.3	15.2	14.6	6.8	6.2	5.1	6.13	6.14	6.27	6.33	6.36	6.52
8	27	3	14.2	32	6	34	6	15.2	15.2	15.2	11.4	6.8	6.0	5.0	6.08	6.08	6.11	6.32	6.48	6.66
9	20	2	15.3	09	4	14	7	15.3	15.3	15.2	11.4	6.8	6.0	5.0	6.08	6.08	6.11	6.32	6.48	6.66
10	16	4	15.2	36	7	36	6	15.2	15.2	15.0	15.2	7.8	5.8	5.6	6.08	6.08	6.11	6.32	6.48	6.66
11	32	3	13.2	09	7	05	4	15.2	15.2	15.0	15.2	7.8	5.8	5.6	6.08	6.08	6.11	6.32	6.48	6.66
12	25	2	13.7	05	17	00	0	15.4	15.4	15.0	15.2	7.8	5.8	5.6	6.08	6.08	6.11	6.32	6.48	6.66
13	34	3	14.2	05	4	05	13	15.2	15.2	15.1	14.9	9.0	6.1	4.6	6.08	6.08	6.11	6.32	6.48	6.66
14	23	6	13.5	05	9	05	7	14.9	14.9	14.9	9.0	6.1	4.6	6.08	6.08	6.11	6.32	6.48	6.66	7.15
15	29	6	11.6	36	18	36	17	12.1	12.1	11.8	11.5	11.3	6.3	4.7	6.09	6.08	6.08	6.11	6.94	7.15
16	23	4	12.4	32	9	32	7	12.0	12.0	12.0	11.9	11.6	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
17	05	2	13.5	14	13	11	6	13.1	13.1	12.6	11.8	11.8	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
18	20	3	13.2	32	11	29	8	12.6	12.6	12.6	11.8	11.8	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
19	34	5	10.8	36	6	02	7	13.1	13.1	13.1	13.1	13.1	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
20	32	1	13.5	36	2	00	0	12.7	12.7	12.7	12.7	12.7	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
21	25	3	13.1	29	11	29	8	12.6	12.6	12.6	12.6	12.6	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
22	18	2	14.0	32	18	27	4	12.6	12.6	12.6	12.6	12.6	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
23	23	1	13.2	36	7	36	11	12.9	12.9	12.9	12.9	12.9	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
24	23	4	12.2	27	16	27	9	12.6	12.6	12.6	12.6	12.6	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
25	16	4	14.4	27	8	27	7	12.6	12.6	12.6	12.6	12.6	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
26	18	3	13.4	27	9	27	12	12.8	12.8	12.8	12.8	12.8	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
27	20	8	12.2	29	36	29	20	12.0	12.0	12.0	12.0	12.0	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
28	29	3	9.8	05	9	36	7	10.6	10.6	10.6	10.6	10.6	5.0	3.6	6.09	6.08	6.08	6.11	6.94	7.15
29	25	4	8.6	27	19	27	11	11.2	11.2	11.2	10.8	10.2	8.1	7.8	6.14	6.14	6.17	6.20	6.60	6.79
30	36	1	8.6	27	4	34	7	11.3	11.3	11.3	11.3	11.3	5.0	3.6	6.14	6.14	6.17	6.20	6.60	6.79
31																				
M	3		13.5					13.8	14.4	14.3	12.1	8.2	5.9	5.1	6.14	6.14	6.17	6.20	6.60	6.79



# SVENSKA BJÖRN

November

1963

# SVENSKA BJÖRN

19° 56' E

59° 36' N

Observatör: K.H. HALLBOM, T.E. SJÖGREN

November

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C							Vattnets söthalt i ‰/‰							
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	34 m	0 m	5 m	10 m	15 m	20 m	30 m	34 m	37 m
1	20	2	5.4	32	11	32	9	6.3	6.3	6.3	6.2	6.0	5.4	6.37	6.35	6.37	6.44	6.57	6.72	6.87
2	11	2	7.0	05	4	05	7	6.3	6.3	6.3	6.2	6.2	5.6							
3	07	3	4.9	02	14	02	11	6.3	6.3	6.3	6.2	6.2	5.6							
4	02	3	5.4	05	14	05	15	6.3	6.3	6.3	6.2	6.2	5.6							
5	16	1	5.0	02	8	02	10	6.3	6.5	6.5	6.6	6.2	6.0	6.41	6.41	6.41	6.62	6.77	6.82	6.84
6	14	2	5.0	02	9	36	9	6.2	6.2	6.2	6.5	6.1	5.9	6.41	6.41	6.41	6.62	6.77	6.82	6.84
7	14	5	5.4	09	3	00	0	6.3	6.5	6.5	6.5	6.3	6.2							
8	20	2	6.7	36	6	36	6	6.2	6.2	6.2	6.3	6.2	6.0							
9	20	2	6.6	32	7	00	0	6.1	6.2	6.2	6.3	6.2	6.0							
10	29	5	4.6	27	16	27	1	6.0	6.1	6.2	6.3	6.2	5.8	6.64	6.65	6.66	6.70	6.70	6.74	
11	02	2	2.7	02	5	00	0	6.0	6.1	6.2	6.3	6.4	6.3	5.8	6.65	6.66	6.70	6.70	6.74	
12	14	6	4.7	18	16	16	6	6.0	6.1	6.2	6.3	6.3	6.1	6.1	6.65	6.66	6.70	6.70	6.74	
13	11	4	5.0	16	7	00	0	6.1	6.3	6.3	6.3	6.1	6.1	6.65	6.66	6.70	6.70	6.74		
14	20	5	6.7	32	5	32	5	6.2	6.3	6.3	6.3	6.1	6.1	6.65	6.66	6.70	6.70	6.74		
15	20	4	6.2	32	4	00	0	6.0	6.1	6.1	6.1	6.1	6.3	6.65	6.66	6.70	6.70	6.74		
16	14	5	5.3	09	24	11	13	5.9	6.0	6.1	6.2	6.2	6.0	6.65	6.66	6.70	6.70	6.74		
17	09	1	4.3	16	16	14	11	5.8	5.9	6.0	6.0	6.0	5.9	6.65	6.66	6.70	6.70	6.74		
18	25	2	2.4	36	2	36	1	5.4	5.8	5.8	5.9	6.0	6.0	6.65	6.66	6.70	6.70	6.74		
19	20	2	6.5	09	3	00	0	5.7	5.8	5.8	5.9	6.0	6.0	6.65	6.66	6.70	6.70	6.74		
20	32	4	2.6	00	0	00	0	5.3	5.8	5.8	5.9	6.0	6.0	6.65	6.66	6.70	6.70	6.74		
21	29	7	1.7	25	19	23	10	5.0	5.3	5.3	5.3	5.8	5.9	6.36	6.34	6.36	6.36	6.68	6.83	
22	09	4	2.0	23	3	23	11	5.0	5.3	5.3	5.3	5.8	5.9	6.36	6.34	6.36	6.36	6.68	6.83	
23	02	4	-0.2	05	13	36	11	4.6	5.0	5.1	5.1	5.4	5.5	6.36	6.34	6.36	6.36	6.68	6.83	
24	05	4	-0.2	14	13	14	4	4.5	5.0	5.1	5.1	5.4	5.5	6.36	6.34	6.36	6.36	6.68	6.83	
25	16	4	2.1	29	7	27	4	4.3	4.7	4.8	4.9	5.2	5.3	6.36	6.34	6.36	6.36	6.68	6.83	
26	09	5	1.5	09	16	09	6	4.5	4.8	4.8	4.8	5.0	5.1	6.36	6.34	6.36	6.36	6.68	6.83	
27	14	3	2.9	09	12	09	4	4.7	4.9	4.9	4.9	5.0	5.0	6.36	6.34	6.36	6.36	6.68	6.83	
28	14	2	3.4	02	2	34	2	4.6	4.9	4.9	4.9	5.0	5.0	6.36	6.34	6.36	6.36	6.68	6.83	
29	18	3	4.6	36	2	36	3	4.5	4.6	4.8	4.9	5.0	5.0	6.36	6.34	6.36	6.36	6.68	6.83	
30	11	2	4.7	02	8	05	6	4.5	4.6	4.8	4.9	5.0	5.0	6.36	6.34	6.36	6.36	6.68	6.83	
31																				
M		3	4.1					5.6	5.8	5.8	5.9	5.9	5.7	6.52	6.52	6.52	6.57	6.64	6.75	6.83

# SVENSKA BJÖRN

December

## SVENSKA BJÖRN

19° 56' E

59° 36' N

1963

Observatör: K.H. HALLBOM

December

Datum	Vind		Luft- temp.	Ström från				Vattens temperatur i °C								Vattens salthalt i ‰															
	Riktn. Svyd			0 m		30 m		5 m		10 m		15 m		20 m		30 m		34 m		5 m		10 m		15 m		20 m		30 m		34 m	
	Riktn.	Svyd		Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.
1	11	3	3.7	32	12	32	4	4.5	4.7	4.9	5.0	5.0	5.0	4.9	5.2	4.9	5.2	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
2	18	2	3.6	34	1	34	2	4.3	4.5	4.6	4.8	4.8	4.8	4.7	5.1	4.6	5.1	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
3	29	3	0.8	05	7	05	7	4.5	4.6	4.7	4.8	4.8	4.8	4.7	5.1	4.6	5.1	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
4	36	3	3.7	02	17	02	14	4.3	4.7	4.8	4.8	4.8	4.8	4.7	5.1	4.6	5.1	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
5	34	3	3.8	36	16	36	10	4.5	4.7	4.8	4.9	4.9	4.9	4.8	5.1	4.6	5.1	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
6	27	2	3.0	32	4	32	5	4.3	4.6	4.9	5.0	5.0	5.0	4.9	5.1	4.6	5.1	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
7	34	7	2.1	02	22	02	33	4.7	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.7	5.0	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
8	34	5	2.2	32	6	32	8	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.8	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
9	02	3	1.3	36	4	18	2	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.8	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
10	18	3	2.7	32	7	34	8	4.2	4.5	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.8	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
11	36	2	0.0	02	14	02	12	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.6	4.6	4.6	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
12	09	4	0.8	11	12	09	9	4.3	3.6	3.8	4.0	4.3	4.3	4.6	4.6	4.6	4.6	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
13	29	3	-2.2	09	3	29	8	3.7	3.6	3.8	4.0	4.3	4.3	4.6	4.6	4.6	4.6	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
14	32	6	3.7	34	5	32	21	4.0	4.0	4.0	4.0	4.0	4.0	4.4	4.4	4.4	4.4	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
15	05	1	-1.0	05	7	00	0	3.8	3.8	3.9	4.1	4.1	4.1	4.4	4.4	4.4	4.4	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
16	32	6	2.0	34	24	36	24	3.7	3.9	3.9	3.9	3.9	3.9	4.0	4.2	4.2	4.2	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
17	05	2	-2.3	20	3	20	3	3.7	3.7	3.8	3.9	4.1	4.1	4.1	4.1	4.1	4.1	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
18	25	4	-3.1	18	9	20	3	3.3	3.7	3.8	3.9	4.1	4.1	4.1	4.1	4.1	4.1	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
19	18	6	1.5	20	17	23	13	3.4	3.6	3.7	3.8	3.8	3.8	4.0	4.1	4.1	4.1	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
20	27	2	1.2	32	9	29	6	3.3	3.6	3.7	3.8	3.8	3.8	4.0	4.1	4.1	4.1	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
21	02	4	-3.1	05	12	05	9	3.3	3.4	3.4	3.6	3.7	3.7	3.7	3.8	3.8	3.8	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
22	27	4	-4.1	32	8	34	6	3.3	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
23	36	3	0.3	09	3	09	4	3.2	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
24	25	5	2.8	32	18	32	14	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
25	20	4	2.2	25	8	29	4	2.7	2.9	2.9	2.9	2.9	2.9	3.1	3.5	3.5	3.5	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
26	23	5	1.5	27	5	27	7	2.5	2.7	2.7	2.7	2.7	2.7	2.8	3.4	3.4	3.4	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
27	27	4	3.2	32	11	36	5	2.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
28	32	3	2.6	00	0	00	0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
29	23	3	3.4	23	12	23	9	2.5	2.7	2.7	2.7	2.7	2.7	2.8	3.4	3.4	3.4	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
30	23	6	2.8	27	17	27	7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
31	20	5	3.2	25	12	23	8	2.4	2.5	2.6	2.6	2.6	2.6	2.6	3.2	3.2	3.2	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		
M		4	1.4					3.6	3.8	3.8	3.9	4.0	4.0	4.2	4.4	4.4	4.4	6.50	6.50	6.50	6.69	6.76	6.82	6.82	6.82	6.86	6.86	6.86	6.86		

# HÄVRINGE

Januari

1963

# HÄVRINGE

17° 31' E

58° 33' N

Observatör: E. V. JOHNSON

Januari

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C						Vattnets söthalt i ‰									
	Rikt.	Styrka		0 m	30 m	Rikt.	cm/sek.	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m
1	27	4	-2.8	00	0	00	0	3.0	3.0	3.0	3.0	3.0	3.0	6.99	6.97	6.97	6.97	6.97	6.97	7.01	7.03
2	36	3	-2.7	00	0	00	0	3.0	2.8	2.8	2.8	2.8	2.9								
3	36	4	-3.0	00	0	00	0	2.8	2.8	2.8	2.8	2.8	2.8								
4	16	4	-0.6	16	7	00	0	2.7	2.8	2.8	2.8	2.8	2.7								
5	00	0	0.2	00	0	16	14	2.7	2.8	2.7	2.8	2.7	2.7								
6	02	5	-2.6	36	28	05	27	2.5	2.6	2.6	2.6	2.6	2.6								
7	29	5	-7.3	32	13	00	0	2.3	2.3	2.3	2.3	2.4	2.4								
8	29	4	-5.3	09	13	09	3	2.3	2.2	2.1	2.1	2.2	2.3								
9	34	2	-6.8	32	3	32	5	2.2	2.2	2.1	2.1	2.2	2.3								
10	27	1	-6.8	00	0	00	0	2.0	1.7	1.8	1.8	2.0	2.1	6.91	6.92	6.92	6.92	6.94	6.95	7.01	
11	36	2	-8.2	00	0	00	0	1.7	1.5	1.5	1.5	1.6	2.1								
12	29	3	-9.4	32	10	36	20	1.6	1.5	1.5	1.5	1.6	2.1								
13	32	5	-4.9	00	0	18	14	1.5	1.5	1.5	1.5	1.6	2.1								
14	36	10	-8.6					1.5	1.1	1.1	1.0	1.0	1.1								
15	02	9	-7.4					1.1	1.1	1.0	1.0	1.0	1.1								
16	02	7	-5.2					1.1	0.9	0.9	1.0	1.0	1.0	6.82	6.84	6.83	6.84	6.84	6.84	6.84	6.84
17	32	4	-9.5	32	12	05	3	1.0	0.8	0.8	1.0	1.0	1.1								
18	18	2	-5.7	00	0	18	7	0.9	0.6	0.6	0.7	0.8	1.1								
19	29	4	-2.0					0.5	0.6	0.6	0.7	0.8	1.1								
20	36	5	-5.1	07	13	05	3	0.7	0.4	0.3	0.5	0.5	0.6								
21	36	5	-7.2	36	7	07	3	0.4	0.4	0.3	0.5	0.5	0.6								
22	34	3	-1.4	36	3	00	0	0.3	0.2	-0.1	0.5	0.7	0.9								
23	29	4	-3.4					0.2	-0.1	-0.1	0.5	0.7	0.9								
24																					
25																					
26																					
27																					
28																					
29																					
30																					
31																					
M		(4)	(-5.0)					(1.7)	(1.6)	(1.6)	(1.7)	(1.7)	(1.8)	(2.0)	(6.91)	(6.91)	(6.91)	(6.92)	(6.93)	(6.96)	

# HÄVRINGE

58° 33' N

17° 31' E

Maj

Observatör: A.S. EKEFYR, E.V. JOHNSON

1963

Datum	Vind		Luft-temp.	Ström från		Vattens temperatur i °C							Vattens salthalt i ‰							
	Riktn.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	
1																				
2	16	2	7.8	00	0	00	0	1.1	0.9	0.6	0.5	0.7	0.7	0.7	6.64	6.62	6.74	6.76	6.79	6.83
3	18	4	3.3	00	0	00	0	1.3	1.2	0.7	0.5	0.5	0.4							
4	00	0	4.6	00	0	00	0	1.4												
5	07	5	4.2	02	20	05	15	1.5	1.5	1.5	1.0	1.2	0.5							
6	11	1	3.0	11	8	11	10	1.6	1.5	1.3	1.5	0.6	0.9							
7	23	1	5.8	00	0	00	0	1.9	1.9	1.1	1.4	0.5	0.5							
8	16	2	4.2	00	0	00	0	2.0												
9	07	2	5.4	07	12	07	10	2.7	2.3	1.8	1.4	0.6	1.0	1.1						
10	07	2	6.0	07	8	05	10	2.5												
11	14	4	5.5	00	0	00	0	3.5	3.4	2.5	1.5	1.1	0.6	1.1						
12	00	0	5.0	00	0	07	17	3.0												
13	18	1	5.4	00	0	02	7	3.5	3.4	3.3	1.3	1.0	1.7	1.2						
14	11	2	5.0	09	8	11	7	3.5												
15	27	1	7.0	00	0	00	0	3.9	3.8	3.3	1.2	1.0	1.8	1.2						
16	29	1	8.0	00	0	00	0	4.3	4.3	3.9	2.9	1.4	1.1	0.3						
17	00	0	7.4	00	0	00	0	4.5	4.5	3.6	2.6	1.5	0.9	1.4						
18	25	3	8.6	00	0	00	0	4.9												
19	20	4	7.2	00	0	07	6	5.0	4.9	3.1	1.5	1.6	1.2							
20	20	6	6.5	15	10	29	7	4.1												
21	20	2	9.0	32	7	00	0	7.0	7.0	6.1	5.9	4.2	2.6	1.6						
22	20	3	7.7	18	11	12	6	5.6												
23	09	1	9.0	00	0	00	0	6.8	6.3	5.3	5.0	2.0	2.0	1.5						
24	05	3	8.6	05	20	05	17	6.4												
25	05	3	10.4	05	13	05	9	7.0	6.9	6.6	5.2	2.1	1.7	1.3						
26	05	2	9.2	09	13	09	13	7.0	6.8	6.4	3.5	3.6	1.4	1.4						
27	05	2	8.4	09	10	05	20	7.0	6.9	6.9	6.3	2.3	1.6	1.3						
28	07	1	10.0	07	3	09	10	7.3												
29	00	0	9.2	00	0	00	0	7.9	7.2	6.8	5.8	3.1	1.9	1.5						
30	02	2	13.3	00	0	00	0	8.9												
31	02	6	12.0	02	16	02	17	10.5	9.2	7.3	5.3	3.9	1.8	1.7						
M		2	7.2					4.6	4.4	4.0	3.0	1.8	1.3	1.1						

# HÄVRINGE

Maj



# HÄVRINGE

Juni

# HÄVRINGE

17° 31' E

58° 33' N

Observatör: A.S. KEFYR, E.V. JOHNSON

Juni

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰									
	Riktn.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m		
1	02	4	11.0	07	15	05	13	9.1	9.0	6.2	4.5	3.4	2.1	1.4	6.48	6.47	6.57	6.55	6.64	6.67	6.86
2	34	1	12.6	02	7	02	14	10.0	10.7	7.2	5.6	5.1	3.2	1.7							
3	20	2	11.1	09	3	07	7	10.7	10.7	7.2	5.6	5.1	3.2	1.7							
4	09	3	10.8	09	3	07	13	10.3	10.3	7.5	6.0	5.0	3.3	2.3							
5	00	0	10.2	00	0	00	0	10.8	10.6	7.5	6.0	5.0	3.3	2.3							
6	25	2	13.2	36	10	36	6	11.5	11.5	8.2	6.3	4.6	2.9	2.0	6.46	6.49	6.58	6.57	6.55	6.59	6.80
7	02	1	12.6	05	13	36	13	11.7	11.4	7.8	5.8	4.3	3.3	2.2							
8	14	2	12.8	00	0	07	10	12.3	12.3	8.7	7.3	8.1	3.1	1.5							
9	05	1	13.8	23	13	25	17	13.0	12.3	8.7	7.3	8.1	3.1	1.5							
10	23	5	15.0	00	0	09	3	12.3	12.3	9.2	6.3	6.2	2.5	1.7	6.42	6.38	6.46	6.43	6.56	6.74	7.04
11	00	0	16.8	00	0	00	0	13.0	12.7	9.2	6.3	6.2	2.5	1.7							
12	27	1	16.6	02	7	02	10	13.9	13.3	7.6	5.9	5.3	3.1	1.5							
13	36	4	12.5	36	27	36	13	13.5	13.3	7.6	5.9	5.3	3.1	1.5							
14	02	4	12.4	36	14	07	16	13.7	12.9	12.7	12.8	9.5	6.7	2.0	6.47	6.47	6.48	6.48	6.65	6.93	7.16
15	00	0	14.2	34	10	02	17	12.9	13.0	12.5	9.0	5.0	2.3	1.5							
16	07	2	12.8	00	0	07	13	13.1	13.2	12.0	8.0	5.8	2.5	1.4							
17	27	3	15.0	29	2	29	7	13.3	13.2	12.0	8.0	5.8	2.5	1.4							
18	23	1	17.2	23	10	23	12	14.6	14.2	13.6	9.2	7.0	3.0	1.4							
19	14	5	15.0	09	3	11	7	14.4	14.2	13.6	9.2	7.0	3.0	1.4							
20	23	3	14.3	18	2	20	3	14.8	14.6	13.7	8.1	5.5	3.8	1.8	6.48	6.47	6.44	6.44	6.47	6.74	7.12
21	00	0	14.9	00	0	00	0	14.9	14.6	13.7	8.1	5.5	3.8	1.8							
22	07	2	14.2	07	3	07	5	15.4	15.3	12.4	7.0	7.0	2.2	1.6							
23	32	3	14.5	02	5	05	5	15.4	15.3	12.4	7.0	7.0	2.2	1.6							
24	23	5	13.8	34	3	00	0	15.0	15.0	15.0	8.5	3.4	2.1	1.4							
25	20	3	15.6	00	0	18	3	15.1	15.0	15.0	8.5	3.4	2.1	1.4							
26	11	5	15.2	11	13	11	7	14.6	14.5	14.5	7.5	3.9	1.3	1.4	6.43	6.39	6.43	6.84	6.90	7.11	7.28
27	25	7	12.6	32	10	29	17	13.5	13.3	13.2	3.2	2.2	1.5	1.3							
28	20	3	13.0	34	5	34	8	11.2	11.2	10.3	4.4	2.9	2.0	1.4							
29	07	2	12.6	05	13	05	10	11.7	11.2	10.3	4.4	2.9	2.0	1.4							
30	29	2	15.0	36	7	36	5	13.2	12.6	10.7	6.8	5.1	2.6	1.6	6.46	6.45	6.49	6.55	6.63	6.80	7.04
31																					
M		3	13.7					13.0	12.6	10.7	6.8	5.1	2.6	1.6	6.46	6.45	6.49	6.55	6.63	6.80	7.04

# HÄVRINGE

58° 33' N

17° 31' E

Juli

Observatör: A.S. EKEFYR, E.V. JOHNSON

1963

Dag	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰									
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m		
1	36	2	16.7	09	4	36	2	14.0	13.8	11.4	7.9	3.5	2.3	1.3	6.17	6.18	6.23	6.63	6.93	7.01	7.24
2	00	0	18.0	00	0	00	0	15.0	15.0	13.9	10.9	6.7	3.2	2.3	1.4						
3	29	1	16.2	32	7	32	3	15.4	13.9	10.9	6.7	3.2	2.3	1.4							
4	27	1	17.0	00	0	00	0	16.0	13.9	10.8	6.6	3.4	2.3	1.3							
5	05	1	18.6	00	0	00	0	17.6	13.9	10.8	6.6	3.4	2.3	1.3							
6	23	3	19.4	23	3	00	0	16.5	15.1	10.6	8.2	3.5	2.2	1.6	6.23	6.25	6.33	6.50	6.92	7.04	7.10
7	25	3	15.0	30	1	06	1	15.5	15.4	10.5	8.8	5.1	2.2	1.9							
8	32	5	12.6	36	7	34	3	14.0	13.9	13.0	4.7	3.1	1.9	1.7							
9	27	4	13.8	29	13	29	7	13.9	13.9	13.0	4.7	3.1	1.9	1.7							
10	23	2	13.0	00	0	00	0	14.0	13.9	13.0	4.7	3.1	1.9	1.7							
11	20	4	14.8	34	3	36	5	14.1	14.1	13.2	4.8	3.1	1.7	1.7	6.32	6.30	6.35	6.74	6.94	6.97	7.38
12	23	6	13.6	25	7	25	10	13.9	13.5	13.5	3.4	2.1	1.7	1.6							
13	23	2	14.0	23	12	23	10	13.6	13.5	13.5	3.4	2.1	1.7	1.6							
14	14	3	15.0	18	13	18	10	13.6	13.0	11.4	4.8	3.1	1.5	1.7							
15	27	2	14.0	00	0	00	0	13.0	13.7	13.2	3.6	3.1	1.7	1.7	6.32	6.36	6.36	7.00	7.07	7.14	7.32
16	20	4	15.0	20	3	18	3	13.7	13.7	13.2	3.6	3.1	1.7	1.7							
17	23	2	16.6	32	3	00	0	13.5	13.1	7.6	4.0	3.2	1.9	1.7							
18	20	2	15.6	00	0	00	0	14.1	13.0	8.9	2.7	2.2	1.8	1.6							
19	00	0	19.6	18	3	00	0	14.5	13.0	8.7	3.2	2.2	1.9	1.7	6.39	6.38	6.68	6.95	7.02	7.12	7.37
20	20	4	15.2	23	13	20	3	14.1	13.0	8.7	3.2	2.2	1.9	1.7							
21	27	5	13.7	29	17	29	3	13.0	13.0	8.7	3.2	2.2	1.9	1.7							
22	27	2	14.0	00	0	00	0	13.7	13.1	6.9	3.2	2.4	2.5	1.7							
23	20	2	16.0	00	0	00	0	13.2	13.1	6.9	3.2	2.4	2.5	1.7							
24	20	2	17.8	20	7	20	7	15.3	15.1	9.3	2.5	1.9	2.6	1.6							
25	20	3	17.0	00	0	00	0	15.2	13.8	9.3	2.5	1.9	2.6	1.6							
26	27	4	14.3	27	10	00	0	13.9	13.8	3.7	2.1	1.8	2.1	1.6	6.47	6.47	6.95	7.02	7.06	7.18	7.36
27	36	4	14.5	05	10	00	0	13.5	13.9	4.3	3.1	2.5	2.2	1.7							
28	34	2	16.5	00	0	00	0	15.5	14.1	5.2	3.0	2.1	2.1	1.6							
29	02	4	13.8	00	0	02	7	14.2	14.1	5.2	3.0	2.1	2.1	1.6							
30	02	2	14.9	00	0	00	0	14.4	13.8	6.8	4.3	2.3	2.0	1.9							
31	05	2	15.0	05	4	05	6	14.0	13.9	9.5	4.6	2.8	2.0	1.6	6.32	6.32	6.48	6.81	6.99	7.08	7.30
M		3	15.5					14.4	13.9	9.5	4.6	2.8	2.0	1.6	6.32	6.32	6.48	6.81	6.99	7.08	7.30

# HÄVRINGE

Augusti

# HÄVRINGE

Observatör: A.S. EKEFYR, A.S. FRITZ

17° 31' E

58° 33' N

Augusti

1963

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C							Vattnets salthalt i ‰								
	Riktn.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m		
1	07	2	17.0	07	15	09	10	14.4	14.2	6.4	3.5	2.7	2.3	2.2	6.53	6.51	6.83	7.00	7.08	7.06	7.09
2	18	1	17.8	05	12	09	13	15.3	15.5	13.6	6.5	5.3	3.9	3.6							
3	29	2	19.6	05	14	05	10	16.8	15.5	13.6	6.5	5.3	3.9	3.6							
4	05	2	17.2	09	13	09	20	17.3	17.0	15.9	13.1	9.0	5.5	4.8							
5	05	5	18.0	05	17	05	10	17.2	17.0	15.9	13.1	9.0	5.5	4.8							
6	07	4	17.8	07	11	20	17	17.1	17.0	17.0	14.3	10.3	6.1	5.8							
7	00	0	17.6	07	11	07	12	17.1	17.0	15.0	13.5	11.5	6.6	6.5							
8	11	4	16.2	07	10	09	7	17.0	16.6	15.4	14.6	13.4	9.8	7.9							
9	23	4	17.6	05	10	05	12	16.7	16.6	15.4	14.6	13.4	9.8	7.9							
10	00	0	16.6	14	12	09	7	17.0	16.8	16.8	15.3	14.2	10.3	7.1							
11	18	2	16.2	12	13	12	13	16.8	16.8	16.8	15.3	14.2	10.3	7.1							
12	25	2	15.6	25	3	23	4	16.9	16.9	16.8	14.6	13.4	9.3	5.1							
13	27	5	15.8	00	0	23	7	16.9	16.9	16.8	14.6	13.4	9.3	5.1							
14	27	3	15.2	00	0	18	3	16.8	16.9	16.8	14.6	13.4	9.3	5.1							
15	00	0	18.0	00	0	00	0	17.0	16.9	16.5	14.6	12.3	7.4	2.8							
16	14	3	15.8	23	7	14	3	17.3	17.1	15.8	14.8	13.4	5.6	2.3							
17	07	2	16.4	11	10	16	13	17.5	17.5	17.5	14.2	11.8	7.0	2.8							
18	09	3	17.4	09	8	09	3	17.4	17.5	17.5	14.6	11.1	7.2	2.8							
19	09	6	15.6	14	7	00	0	17.5	17.5	17.3	14.6	11.1	7.2	2.8							
20	18	2	15.0	05	13	07	10	17.0	16.9	16.7	16.5	11.7	10.2	7.2							
21	18	1	15.4	14	5	05	7	16.9	16.9	16.7	16.5	11.7	10.2	7.2							
22	00	0	15.4	14	7	14	7	16.7	17.1	17.1	16.7	15.3	8.8	5.1							
23	36	1	16.3	23	7	23	3	17.1	17.1	17.1	16.7	15.3	8.8	5.1							
24	23	1	17.0	20	3	20	7	17.1	17.1	17.1	16.7	15.3	8.8	5.1							
25	20	5	15.0	20	17	20	13	16.9	16.9	17.0	16.4	15.7	10.5	4.9							
26	27	2	14.8	00	0	23	3	17.0	17.0	17.0	15.8	14.7	8.8	4.7							
27	20	6	15.8	20	10	20	7	16.7	16.7	16.7	16.5	14.0	7.0	2.5							
28	23	4	15.2	00	0	00	0	16.7	16.4	16.3	16.3	11.7	2.9	2.0							
29	05	2	16.2	00	0	27	3	16.4	16.4	16.3	16.3	11.7	2.9	2.0							
30	32	1	14.8	32	3	27	7	16.4	16.5	16.4	16.4	11.8	3.2	2.3							
31	05	5	14.6	05	5	05	3	16.5	16.5	16.4	16.4	11.8	3.2	2.3							
M		3	16.4					16.8	16.7	15.9	14.1	11.8	7.0	4.3	6.34	6.33	6.47	6.52	6.59	6.76	6.94

# HÄVRINGE

58° 33' N

17° 31' E

Observatör: B. EDLUND, J. NILSSON, G. BULL

September

1963

Datum	Vind		Luft-temp.		Ström från		Vattens temperatur i °C						Vattens salthalt i ‰								
	Rikt.	Styrka	0 m	30 m	Rikt.	cm/sek.	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	
1	02	2	15.8	02	7	36	7	16.0	16.6	16.3	16.2	11.6	2.9	2.3	6.28	6.27	6.41	6.48	6.72	7.06	7.19
2	20	3	17.0	23	3	00	0	16.5	16.5	16.5	16.4	11.7	3.3	2.9							
3	18	1	16.2	09	7	09	7	16.6	16.6	16.6	16.4	11.7	3.3	2.9							
4	17	2	15.8	09	5	09	3	16.1	16.1	16.1	16.1	11.5	3.4	2.8							
5	18	4	15.0	09	5	00	0	16.1	16.0	16.0	15.8	11.5	3.4	2.8							
6	11	5	15.8	11	20	11	12	16.5	16.5	16.5	14.8	8.0	6.4	4.2	6.35	6.35	6.38	6.44	6.35	6.72	7.04
7	27	5	13.5	00	0	34	12	15.5	15.5	15.5	15.6	14.0	13.1	4.6							
8	27	2	13.8	00	0	00	0	15.2	15.2	15.2	15.6	14.0	13.1	4.6							
9	20	2	15.5	00	0	02	10	15.9	15.9	15.9	15.6	14.0	13.1	4.6							
10	29	2	14.0	29	8	27	12	15.5	15.5	15.5	15.6	14.0	13.1	4.6							
11	27	0	16.4	00	0	00	0	15.8	15.6	15.6	15.9	15.2	5.4	4.8	6.23	6.18	6.18	6.39	6.38	6.88	7.04
12	03	1	14.0	00	0	00	0	15.5	15.6	15.6	15.7	11.5	5.0	4.2							
13	29	2	12.0	00	0	00	0	15.6	15.6	15.6	15.7	11.5	5.0	4.2							
14	23	6	14.0	23	17	23	20	15.0	14.3	14.3	12.8	6.6	4.2	2.8							
15	25	7	13.0	25	14	27	17	14.4	14.3	14.3	12.8	6.6	4.2	2.8							
16	27	6	15.0	27	8	27	3	13.9	13.9	13.9	9.7	5.7	2.3	2.0	6.45	6.47	6.44	6.59	6.84	7.16	7.50
17	27	1	13.0	00	0	00	0	14.1	13.1	13.1	12.8	4.6	2.2	1.8							
18	23	2	14.5	00	0	00	0	14.2	11.3	11.0	8.4	3.2	2.2	2.2							
19	36	5	10.0	02	8	00	0	12.2	11.3	11.0	8.4	3.2	2.2	2.2							
20	00	0	9.0	18	13	18	10	13.5	14.2	14.0	8.9	4.2	2.2	2.0	6.44	6.45	6.50	6.66	6.95	7.21	7.50
21	20	2	11.0	23	7	20	7	13.9	14.2	14.0	8.9	4.2	2.2	2.0							
22	18	2	15.0	18	2	00	0	13.2	13.8	13.6	7.2	5.9	2.0	2.2							
23	25	2	13.8	25	10	25	7	14.2	13.8	13.6	7.2	5.9	2.0	2.2							
24	23	3	13.0	25	7	25	3	13.8	14.0	14.0	9.6	5.7	2.4	2.4							
25	16	4	15.0	16	17	16	13	14.2	14.0	14.0	9.6	5.7	2.4	2.4							
26	27	5	13.0	23	3	00	0	13.0	12.9	12.9	9.0	4.9	2.4	2.4							
27	20	9	10.0	20	6	25	4	13.0	12.2	12.2	8.8	4.5	2.4	2.0							
28	32	6	10.0	27	3	00	0	9.4	9.2	9.0	9.0	3.8	2.0	2.0							
29	25	5	8.0	25	3	25	7	9.2	9.2	9.0	9.0	3.8	2.0	2.0							
30	07	3	8.5	00	0	25	3	8.5	14.2	13.4	11.4	7.3	3.7	2.8	6.35	6.39	6.44	6.59	6.72	7.06	7.29
31																					
M		3	13.4					14.2	14.2	13.4	11.4	7.3	3.7	2.8	6.35	6.39	6.44	6.59	6.72	7.06	7.29

# HÄVRINGE

Oktober

# HÄVRINGE

58° 33' N

17° 31' E

Observatör: B. EDLUND, E.V. JOHANSSON

1963

Oktober

Dag	Vind		Lufttemp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰								
	Riktn.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	m
1	26	4	8.0	27	10	32	3	8.7	8.8	6.6	8.6	8.7	2.2	1.9	6.78	6.80	6.80	6.90	7.17	7.43
2	23	2	9.0	23	8	00	0	3.0	8.8	8.5	8.4	7.7	2.1	2.0						
3	18	4	10.0	09	3	00	0	8.0	8.8	8.5	8.4	7.7	2.1	2.0						
4	23	3	8.5	05	5	00	0	3.2	7.4	7.2	7.2	3.4	3.0	2.4						
5	18	4	9.0	00	0	00	0	8.2	7.4	7.2	7.2	3.4	3.0	2.4						
6	18	3	7.5	00	0	00	0	7.8	7.2	4.5	3.2	2.4	2.2	2.2	6.80	7.06	7.34	7.48	7.56	7.57
7	00	0	7.0	00	0	00	0	7.5	7.1	4.4	3.2	2.4	2.2	2.2						
8	27	2	8.0	36	4	36	2	8.0	8.0											
9	18	7	8.5					8.0												
10	18	6	7.0	00	0	18	4	7.2	7.2	7.2	7.1	5.1	2.0	1.9						
11	27	3	7.2	00	0	00	0	6.5	6.5	6.5	6.5	5.4	2.0	2.0	6.92	6.93	6.92	7.01	7.46	7.60
12	32	9	8.5					6.2												
13	18	2	7.0	00	0	00	0	5.1	5.1	5.1	5.0	5.0	2.4	2.0						
14	36	9	6.5					5.5												
15	32	5	4.0	00	0	00	0	3.8	3.8	3.8	3.8	3.7	3.6	2.5						
16	20	4	5.5	27	7	00	0	4.0	4.0	4.0	3.9	3.8	3.8	2.5	7.19	7.16	7.23	7.23	7.22	7.54
17	00	0	6.8	20	3	20	5	4.7	4.7	4.7	4.7	3.9	3.7	2.5						
18	00	0	5.8	00	0	00	0	4.8	4.4	4.4	4.4	4.1	3.4	2.4						
19	23	3	7.0	00	0	00	0	4.4	4.4	4.4	4.4	4.1	3.4	2.4						
20	18	3	6.5	16	7	14	3	4.0												
21	18	3	6.0	00	0	16	7	4.6	4.6	4.6	4.6	4.4	4.1	2.8	7.09	7.07	7.08	7.13	7.19	7.49
22	20	5	7.2	00	0	00	0	4.6												
23	36	2	5.0	00	0	00	0	4.6	4.6	4.6	4.6	4.6	3.9	2.7						
24	20	4	5.0	00	0	00	0	4.6												
25	23	3	6.2	00	0	00	0	4.4	4.4	4.3	4.3	3.5	3.2	2.5						
26	27	1	7.0	00	0	00	0	4.7	4.7	4.6	4.4	4.1	3.8	2.7	7.11	7.11	7.13	7.19	7.30	7.50
27	32	1	6.0	36	3	00	0	4.7	4.7	4.6	4.5	4.3	3.1	2.7						
28	25	2	6.5	00	0	20	3	4.6												
29	25	3	6.0	00	0	25	3	5.2	5.2	5.0	5.0	4.9	3.8	2.9						
30	16	2	6.2	20	7	18	6	5.8												
31	18	2	5.6	00	0	00	0	5.9	5.9	5.9	5.9	5.3	3.6	3.3	6.98	7.02	7.08	7.16	7.32	7.52
M		3	6.9					5.6	5.7	5.3	5.2	4.6	3.1	2.4						

# HÄVRINGE

58° 33' N

17° 31' E

November

Observatör: E.V. JOHNSON

1963

Datum	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰							
	Riktn. styrka	0 m		Riktn. styrka	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m
1	14	3	6.5	16	12	5	5.6	5.3	5.2	5.2	4.2	3.1	6.93	6.97	6.99	7.00	7.02	7.14	
2	11	2	6.2	20	5	00	5.6	5.2	5.2	5.2	4.2	3.1	6.93	6.97	6.99	7.00	7.02	7.14	
3	00	0	6.2	00	0	00	5.9	5.2	5.2	5.5	4.2	3.3	6.93	6.97	6.99	7.00	7.02	7.14	
4	07	3	5.0	00	0	07	5.9	5.2	5.2	5.5	4.2	3.3	6.93	6.97	6.99	7.00	7.02	7.14	
5	14	2	6.2	32	4	36	5.8	5.8	5.5	4.8	4.0	3.7	6.97	6.94	7.07	7.08	7.14	7.25	7.23
6	11	4	6.2	02	2	02	5.6	5.0	4.8	4.6	4.1	3.8	6.97	6.94	7.07	7.08	7.14	7.25	7.23
7	14	6	6.0				5.6												
8	20	3	6.7	00	0	00	5.2	5.9	5.9	5.8	4.6	3.7	6.93	6.97	6.99	6.99	7.05	7.04	
9	20	4	7.2	20	10	20	5.9	5.4	5.4	5.3	5.2	5.1	6.93	6.97	6.99	6.99	7.05	7.04	
10	27	6	4.5	27	10	27	5.9	5.4	5.4	5.3	5.2	5.1	6.93	6.97	6.99	6.99	7.05	7.04	
11	11	2	3.8	00	0	00	5.8	5.4	5.4	5.3	5.2	5.1	6.93	6.97	6.99	6.99	7.05	7.04	
12	14	7	6.0				5.4	5.4	5.4	5.4	5.2	5.2	6.93	6.97	6.99	6.99	7.05	7.04	
13	20	3	6.5	36	11	00	5.4	5.4	5.4	5.4	5.2	5.2	6.93	6.97	6.99	6.99	7.05	7.04	
14	23	6	5.6				5.5	5.4	5.4	5.4	5.2	5.2	6.93	6.97	6.99	6.99	7.05	7.04	
15	20	4	6.0	00	0	00	5.4	5.4	5.4	5.4	5.3	5.3	6.93	6.97	6.99	6.99	7.05	7.04	
16	11	5	5.3	00	0	00	5.4	5.4	5.4	5.4	5.2	5.2	6.93	6.97	6.99	6.99	7.05	7.04	
17	29	7	3.8				5.3	5.3	5.2	5.2	5.0	5.0	6.93	6.97	6.99	6.99	7.05	7.04	
18	14	4	5.0	00	0	00	5.2	5.3	5.3	5.3	5.2	5.1	6.93	6.97	6.99	6.99	7.05	7.04	
19	20	5	7.0	27	3	27	5.3	5.3	5.3	5.3	5.2	5.1	6.93	6.97	6.99	6.99	7.05	7.04	
20	36	2	2.5	00	0	00	5.1	5.2	5.2	5.2	5.1	5.1	6.93	6.97	6.99	6.99	7.05	7.04	
21	29	7	3.5				5.2	5.2	5.2	5.2	5.1	5.1	6.93	6.97	6.99	6.99	7.05	7.04	
22	11	6	3.0	00	0	00	5.1	4.5	4.4	4.4	4.3	4.2	6.93	6.97	6.99	6.99	7.05	7.04	
23	11	4	0.0				4.5	4.4	4.4	4.4	4.3	4.2	6.93	6.97	6.99	6.99	7.05	7.04	
24	02	2	-1.0	00	0	02	4.2	4.1	4.0	4.0	3.9	3.9	6.93	6.97	6.99	6.99	7.05	7.04	
25	14	8	2.5				4.2	4.1	4.0	4.0	3.9	3.9	6.93	6.97	6.99	6.99	7.05	7.04	
26	14	7	4.5				4.1	4.1	4.1	4.0	4.0	3.9	6.93	6.97	6.99	6.99	7.05	7.04	
27	14	3	2.0	11	3	18	4.1	4.1	4.0	4.0	3.9	3.9	6.93	6.97	6.99	6.99	7.05	7.04	
28	14	2	4.5	14	3	14	5.0	5.3	5.3	5.1	5.0	5.0	6.93	6.97	6.99	6.99	7.05	7.04	
29	18	2	5.0	00	0	14	5.3	5.3	5.3	5.1	5.0	5.0	6.93	6.97	6.99	6.99	7.05	7.04	
30	18	1	4.0	00	0	00	5.1	5.3	5.3	5.1	5.0	5.0	6.93	6.97	6.99	6.99	7.05	7.04	
31																			
M		4	4.7				5.3	5.3	5.2	5.1	4.7	4.4	6.90	6.90	6.93	6.96	6.98	7.05	7.03

# HÄVRINGE

December

# HÄVRINGE

17° 31' E

58° 33' N

1963 \*

Observatör: A.S. EKEFYR, E.V. JOHNSON, J.E. NILSSON

December

Dag	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C										Vattnets salthalt i ‰										
	Riktn.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m							
1	14	3	4.5	02	5	02	7	5.3	5.3	5.3	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	6.69	6.78	6.77	6.77	6.84	6.90	6.82
2	14	1	5.0	23	3	00	0	5.1																		
3	32	3	2.0	32	3	27	7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	6.77	6.77	6.77	6.84	6.90	6.82	
4	34	3	2.0	36	3	00	0	4.8																		
5	34	4	2.0	00	0	00	0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	6.78	6.87	6.84	6.87	6.88	6.93	
6	27	3	1.0	00	0	00	0	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7							
7	34	6	1.0	34	5	00	0	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	6.78	6.87	6.84	6.87	6.88	6.93	
8	32	7	2.0	00	0	00	0	4.7																		
9	00	0	2.0	00	0	00	0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.70	6.85	6.82	6.82	6.86	6.91	6.90
10	23	3	1.0	00	0	00	0	4.5																		
11	34	2	0.5	00	0	00	0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	6.70	6.85	6.82	6.82	6.86	6.91	6.90
12	05	7	-2.1																							
13	36	2	-2.8	05	17	05	20	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.70	6.85	6.82	6.82	6.86	6.91	6.90
14	29	5	2.0	00	0	00	0	3.9																		
15	02	2	-1.0	05	10	00	0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.90	6.85	6.85	6.82	6.87	6.88	6.98
16	27	7	1.0	32	20	32	13	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	6.90	6.85	6.85	6.82	6.87	6.88	6.98
17	05	3	-2.0	00	0	00	0	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8							
18	29	5	-2.0	18	17	20	13	3.8																		
19	20	6	-1.0					3.2																		
20	36	2	-5.0	00	0	00	0	3.2	3.3	3.3	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	6.70	6.85	6.82	6.82	6.86	6.91	6.90
21	34	6	-4.0	00	0	00	0	3.3																		
22	32	6	-4.0	18	10	18	3	3.2																		
23	29	4	-2.0	00	0	00	0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	6.94	6.91	6.92	6.92	6.94	6.92	
24	25	7	3.0	00	0	00	0	3.5																		
25	18	5	1.5	00	0	00	0	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	6.94	6.91	6.92	6.92	6.94	6.92	
26	23	6	1.2	20	7	20	5	1.6	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	6.80	6.87	6.80	6.87	6.88	6.93	
27	27	6	3.0	00	0	00	0	1.8	1.8	1.8	1.8	2.4	2.7	3.0	3.4											
28	27	3	2.0	00	0	00	0	1.9																		
29	23	3	1.5	00	0	25	7	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	6.80	6.87	6.80	6.87	6.88	6.93	
30	20	6	2.5	20	7	05	5	2.2																		
31	20	6	3.8	20	5	20	3	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	6.80	6.86	6.83	6.83	6.85	6.90	6.91
M		4	0.6					3.7	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	6.80	6.86	6.83	6.83	6.85	6.90	6.91

# FALSTERBOREV

55° 18' N

12° 47' E

Januari

Observatör: A. KNAFVE

1963

Datum	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C						Vattnets sölnhalt i ‰							
	Rikt.	Styrka		0 m	10 m	0 m	5 m	10 m	m	m	m	m	0 m	5 m	10 m	m	m	m	m
1	14	4	-1.4	16	22	14	19	2.0	2.4	2.0									
2	14	5	-3.0	14	22	16	24	1.4	1.4	1.9									
3	09	6	-0.4	11	33	11	25	1.0	1.6	1.9									
4	09	8	-0.8	09	39	11	41	1.2	1.6	1.5									
5	18	3	1.0	14	17	14	13	1.2	1.6	1.4									
6	34	4	-1.2	34	17	34	11	1.1	1.4	1.4									
7	05	2	-6.0	36	11	05	6	0.6	1.0	1.0									
8	27	2	-3.0	18	17	18	8	0.8											
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
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22																			
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
M																			



# FALSTERBOREV

April

## FALSTERBOREV

12° 47' E

55° 18' N

Observatör: G.E. SÖDER, A. KNAFVE

1963

April

Datum	Vind		Luft-temp.	Sjöröm från		Vattnets temperatur i °C					Vattnets salthalt i ‰/‰						
	Rikt.	Styrka		0 m	10 m	0 m	5 m	10 m	m	m	m	0 m	5 m	10 m	m	m	m
1																	
2																	
3																	
4																	
5																	
6																	
7	07	2	2.0	11	21	11	9	0.1	0.1								
8	11	1	2.0	00	0	00	0	0.4									
9	16	2	2.8	00	0	00	0	1.0	1.0								
10	11	3	2.8	07	18	09	9	1.1									
11	14	2	3.0	14	17	18	9	1.1	1.1	1.0							
12	27	1	3.1	00	0	00	0	1.2									
13	32	2	2.0	25	8	00	0	1.4	1.3								
14	18	1	3.2	18	13	00	0	1.4									
15	20	4	3.0	18	18	18	9	1.4	1.1	0.1							
16																	
17																	
18																	
19																	
20	30	2	3.0	36	13	34	14	1.8									
21	23	1	4.1	00	0	00	0	2.1	2.9	2.1							
22	14	1	3.3	00	0	00	0	2.2									
23	32	1	4.0	00	0	00	0	2.8	2.8	2.2							
24	02	1	3.2	07	10	05	6	2.6									
25	05	1	5.0	02	13	02	9	2.8	2.8	2.8							
26	29	1	4.1	00	0	00	0	2.8	2.8	2.6							
27	29	1	6.0	00	0	00	0	3.2	2.5	2.5							
28	18	2	4.3	00	0	00	0	2.8									
29	23	1	5.0	00	0	00	0	3.0	3.0	3.0							
30	27	1	5.2	00	0	00	0	2.5									
31																	
M		(2)	(3.6)					(1.9)	(1.9)	(1.7)							(7.30) (7.30)

# FALSTERBOREV

55° 18' N

12° 47' E

Maj

Observatör: A. KNAPVE

1963

Dag	Vind		Luft- temp.	Ström från				Vattnets temperatur i °C				Vattnets salthalt i ‰				
	Rikn.	Styrka		0 m	Rikn.	cm/sk.	Rikn.	cm/sk.	0 m	5 m	10 m	0 m	5 m	10 m	0 m	5 m
1	27	1	3.0	00	0	00	0	3.4	2.8	2.3	7.33	7.38	7.43			
2	29	2	5.1	27	6	00	0	2.6	2.6	2.6						
3	23	2	5.2	27	13	27	17	3.2								
4	11	2	5.0	00	0	00	0	3.0								
5	14	1	4.3	00	0	00	0	3.0								
6	25	1	6.3	00	0	00	0	3.1								
7	23	1	6.0	00	0	00	0	3.3								
8	09	2	7.0	09	6	09	4	4.0								
9	11	3	6.4	16	17	16	19	4.0								
10	11	2	7.2	09	17	09	6	4.6								
11	16	2	7.0	00	0	00	0	4.6								
12	23	1	7.4	00	0	00	0	4.6								
13	18	1	8.5	16	7	16	6	4.8								
14	23	2	6.2	00	0	00	0	5.0								
15	00	0	8.0	00	0	00	0	5.6								
16	34	2	9.4	00	0	32	6	6.2								
17	32	1	7.4	00	0	00	0	6.2								
18	25	2	8.2	29	17	29	13	6.4								
19	25	3	7.0	18	17	16	13	6.2								
20	25	2	7.3	27	13	27	22	6.2								
21	16	4	9.8	14	17	14	6	6.2								
22	16	3	10.2	36	17	36	11	6.6								
23	14	2	11.0	07	17	09	6	6.8								
24	11	2	10.0	09	6	00	0	7.0								
25	00	0	12.0	00	0	00	0	7.4								
26	16	2	13.2	00	0	00	0	8.0								
27	00	0	13.0	00	0	00	0	10.4								
28	09	3	14.0	14	13	14	11	10.0								
29	09	3	12.0	09	17	14	22	9.0								
30	00	0	15.0	00	0	00	0	10.0								
31	00	0	18.2	00	0	00	0	10.6	10.2	10.1	7.39	7.40	7.41			
M		2	8.7					5.9	5.6	5.4	7.39	7.43	7.47			

# FALSTERBOREV

Juni

# FALSTERBOREV

12° 47' E

55° 18' N

1963

Observatör: G.E. SÖDER

Juni

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C					Vattnets salthalt i ‰				
	Rikt.	Styrka		0 m	10 m	0 m	5 m	10 m	0 m	5 m	10 m	0 m	5 m	10 m	
1	36	2	15.0	36	11	34	13	10.2	10.0	10.0	7.58	7.60	7.57		
2	05	1	13.3	09	6	11	8	10.6							
3	32	1	12.6	00	0	00	0	10.2	10.1						
4	29	2	14.8	00	0	00	0	12.4							
5	09	3	12.2	07	11	07	6	15.4	15.3	15.3	7.36	7.42	7.43		
6	11	5	14.2	07	22	07	25	11.6	11.4	11.4					
7	09	3	15.2	05	24	11	17	12.4	12.2	12.1					
8	09	1	15.3	09	17	09	11	11.6							
9	00	0	16.0	00	0	00	0	12.6	12.1	12.1					
10	00	0	17.0	00	0	00	0	13.8							
11	32	3	15.0	23	6	00	0	13.6	13.0	13.0	7.34	7.33	7.32		
12	29	3	15.3	23	8	23	6	13.4							
13	29	2	13.3	32	11	32	8	13.0	12.3	11.2					
14	27	1	15.0	00	0	00	0	14.2							
15	32	1	17.8	29	13	32	6	15.2	15.1	14.0	7.74	7.74	7.78		
16	18	2	17.8	00	0	00	0	15.2	15.2	14.5					
17	25	2	16.2	00	0	00	0	15.8							
18	18	2	16.3	36	8	36	6	15.4	14.8	12.4					
19	23	5	14.0	27	28	27	24	14.4	14.7	12.6					
20	27	5	13.2	27	23	27	14	15.2							
21	20	1	14.0	29	31	29	20	14.2	14.2	14.2	7.97	8.01	8.02		
22	00	0	15.6	27	24	27	22	13.2							
23	27	4	14.0	29	15	27	25	12.4	12.4	12.4					
24	27	4	13.2	27	25	29	25	13.0							
25	16	1	15.0	16	13	16	11	13.4	13.3	12.1					
26	18	3	14.4	18	10	18	9	14.0	14.0	14.1					
27	23	5	14.6	00	0	00	0	13.2	13.2	12.8					
28	05	2	14.6	25	6	23	7	14.2							
29	05	2	12.8	29	15	27	17	13.8	14.0	13.8					
30	00	0	16.3	32	10	32	12	14.8							
31															
M	2		14.8					13.4	13.2	12.7	7.61	7.63	7.64		

# FALSTERBOREV

55° 18' N

12° 47' E

Juli

Observatör: G.E. SÖDER, A. KNAFVE

1963

Datum	Vind		Luft-temp.		Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰									
	Rikt.	Styrka	0 m	10 m	Rikt.	em/ssek	0 m	em/ssek	0 m	5 m	10 m	m	m	m	m	0 m	5 m	10 m	m	m	m	m
1	00	0	17.2	29	7	29	7	29	7	15.2	15.2	14.8				7.67	7.66	7.67				
2	32	1	17.8	32	8	29	12	15.8		15.8	15.8	15.6										
3	00	0	19.2	27	4	27	11	16.8		15.8	15.8	15.6										
4	29	1	18.0	29	8	29	12	17.8		16.5	16.5	14.2										
5	32	1	20.8	00	0	32	3	17.6		17.6	16.5	14.2										
6	27	4	17.0	32	22	32	19	17.0		17.0	16.5	14.6										
7	20	7	17.4	23	19	23	18	16.8		16.8	16.5	14.6										
8	27	4	14.0	27	26	32	13	14.6		14.6	15.6	14.7										
9	27	5	14.1	27	20	32	35	15.6		15.6	15.6	14.7										
10	23	4	15.2	23	33	23	33	15.2		15.2	15.6	14.7										
11	20	3	16.0	27	20	27	18	15.2		15.2	15.1	14.1										
12	27	2	13.8	00	0	36	6															
13	20	1	16.0	29	9	00	0	14.8		14.8	14.8	14.8										
14	14	1	14.8	32	22	32	28	15.4		15.4	15.4	14.7										
15	23	3	16.0	25	22	29	17	15.4		15.4	15.4	14.7										
16	00	0	17.1	32	21	29	24	16.0		16.0	15.8	15.8										
17	27	1	16.3	27	11	00	0	16.0		16.0	15.8	15.0										
18	00	0	18.2	27	22	27	17	16.4		16.4	16.5	11.0										
19	00	0	19.0	25	7	25	7	16.9		16.9	16.5	11.0										
20	25	3	18.6	27	25	29	22	17.4		17.4	16.5	11.0										
21	29	4	14.0	36	21	32	6	15.0		15.0	15.8	15.0										
22	14	3	19.0	27	9	27	10	17.0		17.0	17.4	17.1										
23	14	3	19.0	27	9	27	11	17.5		17.5	17.4	17.1										
24	14	2	19.2	00	0	00	0	17.8		17.8	18.0	13.7										
25	20	2	19.2	05	11	05	10	18.5		18.5	18.0	13.7										
26	32	2	15.4	32	6	00	0	16.6		16.6	16.4	12.2										
27	29	3	14.2	29	21	32	28	16.2		16.2	16.0	9.8										
28	36	2	17.5	18	4	00	0	17.0		17.0	17.4	11.6										
29	00	0	20.0	16	4	32	8	17.8		17.8	17.4	11.6										
30	36	2	18.2	00	0	00	0	17.4		17.4	16.0	13.2										
31	32	2	16.7	00	0	00	0	17.8		17.8	16.0	13.2										
M		2	17.1					16.5		16.1	14.0											

# FALSTERBOREV

Augusti

# FALSTERBOREV

12° 47' E

55° 18' N

Observatör: G.E. SÖDER, A. KNAFVE

1963

Augusti

Datum	Vind		Luft-temp.	Sjöröm från		Vattnets temperatur i °C				Vattnets salthalt i ‰/00									
	Riktn.	Styrka		0 m	10 m	0 m	5 m	10 m	15 m	0 m	5 m	10 m	15 m						
1	14	4	18.0	34	16	18	6	17.2	17.0	15.6				8.07	8.02	8.10			
2	16	1	20.0	14	13	14	11	17.2											
3	14	1	21.2	00	0	11	6	18.4	17.0	16.8									
4	07	3	22.1	11	22	09	19	19.0											
5	20	3	19.0	00	0	27	6	18.6	18.6	18.4				7.65	7.65	7.64			
6	11	2	20.3	09	6	00	0	19.0	18.8	18.6									
7	14	2	22.0	09	11	14	7	19.6	19.4	19.4									
8	18	3	19.1	14	11	14	13	19.2											
9	27	4	17.0	29	11	27	8	19.2	19.2	19.2				7.74	7.76	7.72			
10	27	5	14.8	25	13	27	11	19.0											
11	27	4	18.0	27	28	23	30	18.0	16.8	15.6									
12	27	5	15.2	32	19	32	17	16.2											
13	23	3	16.0	25	6	27	13	17.2	17.2	15.2									
14	27	3	16.0	29	38	32	28	13.2											
15	16	1	15.4	23	10	14	6	16.4	14.0	12.2				8.29	8.29	8.20			
16	27	5	14.6	29	39	32	38	15.2	14.6	8.2									
17	23	1	16.0	27	22	27	17	15.2	15.0	6.6									
18	11	5	15.2	09	28	11	17	15.6											
19	18	3	16.0	36	6	36	10	14.8	14.2	13.6									
20	27	1	14.0	00	0	00	0	15.2											
21	34	3	14.0	36	17	27	21	15.0	14.8	14.0				7.97	7.97	7.99			
22	18	2	14.8	23	8	23	4	15.0											
23	23	2	14.0	00	0	00	0	15.0	14.8	12.0									
24	27	2	14.8	27	4	29	8	14.8											
25	23	6	14.0	20	44	27	41	13.8	13.8	12.6				7.91	7.89	7.87			
26	20	3	13.6	20	28	23	22	14.4	12.4	7.4									
27	23	2	15.0	00	0	23	6	14.4	12.2	7.6									
28	23	4	13.8	23	6	27	8	15.0											
29	05	2	13.0	00	0	18	6	14.4	14.2	6.8									
30	27	1	11.3	27	8	23	11	13.8											
31	09	1	14.1	00	0	00	0	14.0	11.4	7.0									
M		3	16.2					16.2	15.5	13.0				7.94	7.93	7.92			

# FALSTERBOREV

September

## FALSTERBOREV

56° 18' N

12° 47' E

September

Observatör: G.E. SÖDER

1963

Datum	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C					Vattnets salthalt i ‰							
	Rikt.	Styrka		0 m	Rikt.	10 m	0 m	5 m	10 m	m	m	m	m	10 m	5 m	0 m		
1	05	1	14.4	00	0	00	0	14.2	13.6	11.0						8.00	8.16	8.20
2	11	4	13.8	09	11	09	6	13.6										
3	20	1	14.2	00	00	00	0	13.5	13.4	12.8								
4	20	2	14.8	00	0	00	0	13.5										
5	23	2	14.2	00	0	00	0	13.8	13.8	13.8								
6	29	2	12.6	00	0	00	0	13.8	13.8	13.6						7.87	7.87	7.83
7	23	1	14.0	20	8	20	6	14.2	13.8	10.8								
8	25	3	14.5	23	6	25	10	13.6	14.2	10.8								
9	18	4	15.0	23	6	25	10	14.0	14.0	14.0								
10	25	2	14.0	00	0	00	0	13.4										
11	00	0	14.2	00	0	00	0	13.6	13.6	12.6						7.91	7.93	7.91
12	02	1	14.2	25	7	29	3	13.8										
13	32	2	13.2	34	3	32	2	13.8	13.6	13.6								
14	20	2	14.0	27	17	32	8	14.2										
15	27	3	12.5	00	0	00	0	12.6	12.4	11.0								
16	25	3	14.8	25	6	20	6	13.2	13.0	11.0						7.91	7.93	8.08
17	00	0	16.0	16	12	16	14	14.8	14.8	14.2								
18	23	2	15.0	25	13	18	14	14.0										
19	07	3	13.2	14	46	16	44	14.2	14.2	12.4								
20	09	6	13.0	16	11	09	8	14.0										
21	09	4	14.0	14	22	09	17	12.6	12.6	12.4						7.89	7.90	7.91
22	00	0	13.8	14	8	11	6	13.2										
23	25	1	14.0	00	0	00	0	13.4	13.4	13.2								
24	16	3	14.2	23	17	18	6	13.4										
25	25	2	14.2	05	6	00	0	13.4	13.4	13.4								
26	25	5	11.4	25	19	18	17	13.2	13.2	13.1								
27	25	6	12.2	27	22	29	18	13.4	13.4	13.2						7.82	7.82	7.84
28	27	5	10.2	23	17	27	13	12.8										
29	27	4	10.0	09	11	09	8	12.6	12.6	12.5								
30	29	4	10.0	11	22	11	19	12.2										
31																		
M		3	13.5					13.5	13.5	12.7						7.90	7.94	7.96

# FALSTERBOREV

Oktober

## FALSTERBOREV

12° 47' E

55° 18' N

Observatör: G.E. SÖDER, A. KNAFVE

1963

Oktober

Dag	Vind		Luft- temp.	Sjöm från		Vattens temperatur i °C			Vattens salthalt i ‰			m
	Rikt.	Styrka		0 m	10 m	0 m	5 m	10 m	0 m	5 m	10 m	
1	27	4	9.6	25	33	11.4	11.4	11.5	9.05	9.05	10.94	m
2	23	5	10.5	18	44	11.8	11.4	11.3				m
3	25	6	10.3	27	53	11.4	11.4	11.3				m
4	25	5	11.5	23	39	11.4	11.4	11.1				m
5	25	6	9.8	27	41	11.2	11.2	11.1	9.19	10.02	11.07	m
6	23	4	8.8	25	48	11.1	11.1	11.1				m
7	29	1	9.3	32	13	11.2	11.2	11.2				m
8	25	2	10.0	27	13	11.3	11.3	11.2				m
9	23	5	11.0	27	29	11.0	11.1	11.2	9.50	9.58	10.45	m
10	25	5	10.0	23	22	11.0	11.0	11.0				m
11	27	4	10.2	09	17	10.8	10.8	10.8				m
12	29	7	11.6	32	24	11.0	11.0	10.8				m
13	23	2	12.0	23	8	10.8	10.8	10.8				m
14	29	8	9.2	29	47	10.8	10.8	10.8				m
15	29	3	8.3	27	8	10.3	10.4	10.4	9.12	9.14	9.50	m
16	27	3	10.0	20	27	10.2	10.2	10.1				m
17	23	3	10.2	18	28	10.1	10.1	10.0				m
18	32	1	10.0	05	11	10.0	10.0	10.0				m
19	23	2	10.0	00	0	10.2	10.2	10.2	8.99	8.97	8.99	m
20	20	4	10.0	20	17	11	13	10.0				m
21	23	3	12.0	32	11	16	16	10.0				m
22	20	5	10.8	23	29	10.2	10.2	10.2				m
23	34	2	11.0	00	0	10.2	10.2	10.2				m
24	18	2	9.7	14	17	14	17	10.2				m
25	18	2	10.0	00	0	10.2	10.2	10.2	8.87	8.90	8.93	m
26	16	1	8.2	14	6	14	10	9.4				m
27	32	2	8.0	00	0	36	6	9.0				m
28	29	1	8.0	32	6	29	6	8.6				m
29	23	1	7.3	27	6	00	0	8.6				m
30	09	1	7.0	00	0	00	0	8.0				m
31	14	5	8.0	14	15	14	8	8.4	9.12	9.28	9.98	m
M		3	9.8			10.3	10.3	10.3				m







# FLADEN

57° 13' N

11° 51' E

April

Observatör: G. BULL, H. BERGSTRÖM, J. AHLSTRÖM

1963

Datum	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C							Vattnets saltinhåll i ‰						
	Riktn. styrka	Riktn. styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m
1																			
2	18	2	1.2	20	8	0	0.4	0.3	3.6	5.2	5.5	5.5	19.90	19.90	21.25	30.80	34.10	34.64	34.62
3	18	1	2.9	23	10	13	0.9	0.4	3.9	5.1	5.4	5.5	19.50	19.90	21.50	31.55	33.65	34.48	34.74
4	00	0	3.8	07	12	00	0	1.2	0.7	4.4	5.3	5.5	18.80	19.90	21.75	32.90	34.25	34.70	34.70
5	05	3	3.3	14	23	20	1.3	0.8	0.6	4.4	5.2	5.4	18.90	19.85	24.05	32.60	34.30	34.73	34.80
6	05	4	2.8	14	20	16	1.2	1.2	2.0	5.0	5.3	5.4	18.95	18.95	26.20	34.00	34.40	34.82	34.94
7	02	2	1.6	14	27	18	9	1.5	1.4	4.4	5.2	5.4	19.00	19.05	31.05	33.00	34.10	34.59	34.76
8	00	0	4.1	00	0	00	0	1.9	1.8	2.3	4.9	5.1	18.85	18.85	24.40	33.55	34.20	34.70	34.79
9	16	3	5.0	14	22	23	18	2.4	3.5	5.1	5.2	5.3	19.45	19.30	29.65	33.85	34.30	34.64	34.69
10	14	4	4.8	34	12	32	35	2.8	2.6	3.5	5.2	5.3	19.10	19.20	29.20	34.15	34.45	34.38	34.85
11	14	5	6.5	32	40	29	47	2.8	2.6	2.1	4.7	5.3	19.45	19.50	25.55	33.65	34.45	34.76	35.05
12	00	0	7.6	34	24	34	18	3.1	2.3	1.4	5.0	5.1	19.75	19.65	22.75	34.40	34.55	34.67	34.74
13	29	4	8.0	32	32	32	13	2.7	2.5	2.2	4.8	5.1	19.60	19.65	26.45	33.95	34.55	34.68	34.76
14	20	4	4.9	29	13	00	0	3.1	3.0	2.4	4.9	4.9	19.45	19.50	22.80	34.25	34.60	34.84	34.78
15	18	6	5.9	23	37	20	23	3.5	3.3	3.2	3.9	4.4	19.70	19.65	19.65	33.15	33.90	34.50	34.64
16	25	3	5.2	29	16	00	0	3.7	3.5	3.5	4.1	4.0	19.35	19.30	19.85	33.60	34.05	34.32	34.40
17	11	3	5.0	18	22	20	8	3.5	3.3	3.2	3.1	3.5	20.50	20.50	20.60	33.80	34.35	34.43	34.64
18	11	4	5.7	14	16	36	23	3.6	3.5	3.1	3.0	3.3	20.25	20.25	28.35	34.25	34.40	34.63	34.74
19	00	0	6.7	05	7	00	0	4.1	3.6	3.2	3.5	3.6	20.25	20.25	28.40	34.30	34.40	34.57	34.76
20	02	2	5.1	05	10	00	0	4.1	3.6	3.3	3.4	3.6	20.15	20.30	32.95	33.95	34.15	34.56	34.80
21	05	2	7.1	00	0	00	0	4.4	4.2	3.5	3.4	3.3	19.70	22.30	31.90	33.80	34.10	34.63	34.79
22	00	0	6.9	00	0	23	8	5.1	4.2	3.6	3.3	4.2	19.00	22.55	31.55	33.70	34.35	34.57	34.84
23	02	2	6.3	36	30	05	13	4.7	4.0	3.4	3.7	3.6	20.15	21.00	32.05	33.75	34.00	34.73	34.80
24	05	3	5.0	02	18	00	0	4.7	3.5	3.6	3.4	3.0	20.45	23.95	32.85	34.00	34.15	34.55	34.71
25	09	2	5.0	00	0	14.	10	4.9	3.8	3.7	3.2	3.6	19.65	22.95	25.15	33.45	34.00	34.44	34.51
26	27	2	8.5	34	20	34	10	5.1	5.2	4.5	3.5	3.7	20.20	20.30	20.65	33.25	33.95	34.37	34.52
27	27	3	6.8	23	14	00	0	5.5	5.5	4.1	3.8	3.7	20.20	20.15	22.25	33.60	34.10	34.44	34.58
28	27	2	8.0	29	17	32	16	5.7	5.8	3.7	3.8	3.9	20.10	20.15	24.15	33.80	34.20	34.30	34.45
29	18	2	8.8	16	32	18	7	5.8	4.6	3.6	3.4	3.7	19.75	20.75	29.50	33.95	34.10	34.22	34.32
30	25	3	7.4	18	22	18	15	6.1	3.9	3.3	3.5	3.6	19.45	19.65	22.70	33.75	34.10	34.40	34.40
31																			
M		2	5.5					3.4	3.1	2.8	4.0	4.3	19.67	20.25	25.83	33.54	34.21	34.56	34.69

# FLADEN

Maj

11° 51' E

# FLADEN

57° 13' N

Observatör: G. BULL, H. BERGSTROM, J. AHLSTROM

Maj

1963

Datum	Vind		Luft-temp.	Ström från						Vattens temperatur i °C						Vattens saltinhalt i ‰									
	Riktin.	Styrka		0 m	Riktin.	cm/sek.	30 m	Riktin.	cm/sek.	0 m	5 m	10 m	15 m	20 m	30 m	40 m	n	0 m	5 m	10 m	15 m	20 m	30 m	40 m	n
1	23	4	7.5	20	25	23	21	5.7	5.6	3.4	3.4	3.5	3.5	3.8	4.2		20.45	20.70	32.00	33.80	34.10	34.45	34.65		
2	18	2	8.0	18	17	18	7	6.2	6.2	3.9	3.5	3.5	3.5	3.8	4.0		21.40	22.10	26.30	33.80	34.15	34.35	34.45		
3	20	5	7.4	20	19	18	23	5.9	6.1	3.7	3.6	3.5	3.5	3.9	4.1		21.40	21.50	27.55	32.90	33.90	34.55	34.75		
4	14	2	8.5	16	11	00	0	6.2	6.2	5.8	3.5	3.6	3.6	3.9	4.0		21.25	21.55	22.70	32.35	33.75	34.40	34.55		
5	09	2	9.4	11	19	00	0	6.9	6.4	6.1	3.3	3.3	3.3	4.1	4.1		20.35	21.05	22.60	32.85	33.80	34.40	34.50		
6	32	1	8.6	36	11	00	0	6.7	6.9	5.2	3.6	3.5	4.0	4.1	4.1		20.40	20.55	24.65	33.00	33.80	34.30	34.50		
7	23	4	11.4	23	16	25	18	6.9	6.4	6.4	3.5	3.4	3.7	3.9	3.9		19.20	20.10	21.55	33.15	33.95	34.50	34.45		
8	14	3	9.6	16	13	14	21	7.1	7.2	6.3	3.5	3.8	3.9	4.1	4.1		19.50	19.50	21.00	33.80	33.80	34.40	34.45		
9	14	4	10.8	11	11	29	25	7.6	6.9	6.6	3.4	3.3	3.5	3.7	3.8		19.00	18.95	20.05	32.90	33.65	34.10	34.30		
10	07	1	11.1	00	0	00	0	8.6	7.9	5.8	3.9	3.8	3.5	3.4	3.4		18.90	19.10	20.15	33.30	33.80	34.00	34.15		
11	16	3	11.8	00	0	18	18		8.6	7.4	3.7	3.5	3.2	3.7	3.7		18.90	18.90	20.00	32.30	33.45	33.95	34.15		
12	18	3	11.1	00	0	00	0	8.7	8.6	7.4	3.7	3.5	3.2	3.7	3.7		18.60	18.65	19.40	31.95	33.85	34.05	34.35		
13	18	4	11.0	20	10	32	15	8.8	8.6	8.5	3.9	3.3	3.4	3.8	3.8		18.80	18.80	19.10	32.50	33.35	33.90	33.95		
14	16	2	10.3	00	0	29	8	9.1	9.1	8.8	3.7	3.4	3.3	3.4	3.4		18.75	18.65	19.15	33.25	33.55	33.85	34.20		
15	05	1	11.8	00	0	00	0	9.6	9.6	9.3	3.7	3.5	3.5	3.5	3.5		19.43	19.63	20.84	32.90	33.51	33.98	34.12		
16	34	1	12.2	32	10	34	19	9.6	9.5	8.5	3.7	3.4	3.4	3.4	3.5		19.41	19.58	25.24	33.08	33.81	33.99	34.16		
17	20	3	11.8	25	11	00	0	9.9	9.6	6.8	3.7	3.4	3.4	3.6	3.6		19.64	19.83	32.14	33.61	33.66	34.04	34.08		
18	23	5	10.2	23	19	32	25	9.6	9.4	3.9	3.4	3.4	3.5	3.6	3.6		20.37	20.70	31.56	33.39	33.55	33.78	34.18		
19	20	2	7.2	18	18	32	10	9.1	9.1	4.4	3.6	3.7	3.5	3.7	3.7		20.67	20.79	21.96	32.78	33.57	33.98	34.07		
20	27	6	9.5	34	61	32	27	8.6	8.8	8.6	3.8	3.5	3.5	3.5	3.5		20.99								
21	16	7	10.2	20	8	32	12	9.1									19.35	19.74	20.48	32.82	33.75	34.03			
22	16	5	11.0	20	12	34	11	9.3	9.3	9.3	8.9	3.8	3.6	3.6	3.6		19.42	20.14	20.65	31.66	33.01	33.89	34.05		
23	05	1	13.5	07	16	27	19	10.2	9.8	9.7	4.5	3.8	3.6	3.7	3.7		18.70	19.70	20.45	31.00	33.40	33.85	34.10		
24	07	1	13.2	36	13	00	0	10.0	9.8	9.5	4.3	3.7	3.5	3.6	3.6		18.60	18.75	19.70	32.40	33.30	33.90	34.20		
25	00	0	15.4	16	19	18	23	11.7	10.1	9.5	4.1	3.8	3.6	3.7	3.7		17.55	20.20	25.85	32.75	33.35	33.95	34.20		
26	34	2	14.0	18	35	14	16	12.5	12.0	11.1	4.7	3.9	3.9	3.7	3.7		17.95	17.90	19.50	32.60	33.20	33.95	34.20		
27	09	1	14.8	23	22	23	8	12.9	12.8	9.5	4.3	3.9	3.7	3.7	3.7		18.30	18.70	20.50	31.90	33.20	34.05	34.25		
28	09	1	16.3	18	24	18	13	13.4	12.1	10.2	5.4	4.3	3.8	3.8	3.8		16.75	17.80	19.30	32.70	33.25	33.95	34.30		
29	11	2	17.3	20	32	20	16	14.5	12.1	10.4	4.7	4.6	3.7	3.8	3.8		17.30	17.85	19.90	31.70	33.40	33.65	33.95		
30	36	1	16.8	18	23	18	12	14.4	11.6	9.7	6.4	5.1	4.5	4.0	4.0		17.95	18.20	21.20	32.10	33.05	33.60	34.25		
31	07	3	17.0	20	41	18	24	15.4	13.9	9.5	5.5	5.0	4.2	3.9	3.9		19.31	19.64	22.60	32.35	33.55	34.05	34.26		
M		3	11.6					9.5	9.0	7.5	4.2	3.7	3.7	3.8	3.8										

# FLADEN

57° 13' N

11° 51' E

Juni

Observatör: G. BULL, J. AHLSTRÖM

1963

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰										
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	m	
1	05	2	14.8	18	26	23	13	14.0	14.2	9.6	5.5	5.1	4.0	3.2	18.20	18.15	20.45	32.30	33.20	33.95	34.10	
2	29	1	15.1	16	25	18	8	15.0	13.6	9.0	6.0	5.6	4.4	4.1	17.65	18.25	22.25	32.00	33.05	33.65	34.20	
3	34	1	17.4	00	0	00	0	15.6	12.3	9.1	5.5	5.2	4.4	3.9	17.35	18.75	21.75	32.30	33.15	33.80	34.05	
4	05	3	14.1	00	0	34	23	14.4	14.9	7.5	5.3	5.1	4.6	4.2	18.20	18.50	29.20	33.65	33.50	33.85	33.95	
5	14	3	15.8	29	37	36	13	15.0	14.8	9.0	6.3	5.6	4.6	4.3	17.40	18.05	25.55	32.95	33.40	33.75	33.90	
6	05	2	17.0	23	14	25	16	15.7	14.7	9.4	6.3	5.6	4.8	4.1	15.30	17.70	22.70	32.95	33.00	33.85	34.15	
7	14	1	18.0	34	24	29	17	17.6	16.3	8.5	6.3	5.7	4.3	4.0	15.50	16.85	27.20	32.90	33.30	33.95	34.05	
8	00	0	21.8	00	0	00	0	17.7	16.2	8.1	5.7	5.7	4.1	4.1	15.35	16.35	29.80	32.70	33.45	34.05	34.05	
9	14	2	20.0	34	10	36	7	18.1	14.9	7.5	6.0	5.2	4.2	4.1	15.50	19.85	31.85	33.05	33.55	33.90	33.95	
10	29	2	18.1	32	25	34	12	17.9	15.5	8.3	6.5	5.0	4.5	4.0	15.35	18.55	29.40	32.80	33.65	33.95	34.10	
11	29	1	21.2	32	22	32	19	18.1	15.6	7.0	5.9	4.9	4.5	4.1	18.45	19.05	31.80	33.25	33.70	33.95	34.25	
12	29	6	17.5	34	38	32	24	16.3	16.6	7.5	5.7	4.3	4.0	4.0	18.50	18.55	29.55	33.45	34.00	34.20	34.30	
13	27	3	15.0	29	18	00	0	15.5	13.2	6.5	4.6	4.3	4.1	4.1	19.80	21.70	33.20	33.95	34.15	34.20	34.35	
14	14	1	16.5	18	19	00	0	16.7	11.5	6.4	4.7	4.3	4.0	4.0	19.75	23.45	32.90	33.80	33.90	34.10	34.25	
15	25	1	20.2	18	16	23	12	17.6	11.3	7.0	5.2	4.4	4.2	4.1	19.35	23.35	33.05	33.75	33.85	34.05	34.20	
16	18	2	17.2	18	24	20	18	16.9	8.8	5.7	4.3	4.2	4.2	4.1	19.15	29.30	33.45	33.90	34.10	34.25	34.40	
17	25	4	16.0	14	38	16	12	16.7	14.5	7.6	4.5	4.3	4.1	4.2	19.75	32.55	33.40	33.90	34.05	34.25	34.35	
18	14	3	18.0	16	25	02	10	16.8	13.6	7.5	5.0	4.5	4.4	4.3	19.80	30.30	33.40	33.90	34.05	34.25	34.30	
19	23	5	16.5	16	31	29	8	15.7	16.1	11.1	8.8	6.0	4.5	4.5	22.30	22.35	30.50	33.60	33.85	34.20	34.35	
20	27	5	15.0	11	35	18	42	15.8	16.2	11.6	6.4	5.6	4.6	4.6	20.05	20.50	32.65	33.95	34.10	34.20	34.25	
21	29	2	13.9	18	30	29	26	16.1	16.0	9.7	6.9	6.0	5.2	5.1	18.95	22.20	33.05	33.75	33.90	34.25	34.25	
22	27	3	15.0	14	22	16	13	16.0	16.0	11.9	6.7	6.2	5.5	5.2	18.70	18.90	29.60	33.95	34.05	34.30	34.55	
23	27	6	14.9	02	32	11	20	16.0	16.4	16.1	8.6	6.8	5.7	4.8	18.55	18.55	22.40	33.05	33.75	34.10	34.20	
24	27	7	15.8	32	37	29	25	14.9	15.5	15.4	8.5	7.4	4.7	4.5	22.30	23.25	33.85	33.30	33.55	34.05	34.25	
25	18	3	16.9	36	13	34	16	15.8	15.7	15.6	11.6	7.1	4.6	4.5	19.65	19.65	20.35	30.40	33.55	34.05	34.30	
26	14	4	15.8	14	35	18	24	15.5	16.2	15.8	8.7	7.5	5.8	5.6	21.10	21.00	23.10	32.75	33.60	33.90	34.40	
27	25	5	16.7	18	22	23	14	15.7	15.8	15.6	9.4	7.2	5.6	5.1	18.65	18.65	21.25	33.45	33.65	33.80	34.10	
28	23	2	15.6	18	20	18	47	15.8	16.1	15.7	9.1	8.0	6.1	5.2	18.70	21.15	26.00	32.95	33.35	34.00	34.15	
29	18	2	15.4	16	71	18	52	15.9	16.3	15.4	11.0	8.4	5.4	5.0	18.15	19.85	28.25	32.35	33.00	33.70	34.00	
30	23	3	16.0	16	48	16	38	16.0	16.0	14.4	11.4	8.3	5.5	4.8								
31																						
M		3	16.7					16.2	14.8	10.3	6.9	5.8	4.7	4.4	18.69	20.92	27.81	32.88	33.44	33.98	34.18	

# FLADEN

Juli

1963

11° 51' E

# FLADEN

Observatör: G. BULL, H. BERGSTRÖM

57° 13' N

Juli

Datum	Vind		Lufttemp.	Ström från		Vattnets temperatur i °C							Vattnets salthalt i ‰								
	Rikn.	Sstyrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m		
1	00	0	19.5	18	38	16	29	16.9	16.0	13.9	12.3	9.1	5.4	4.6	18.15	19.90	29.45	32.05	32.65	33.40	34.00
2	36	1	17.2	02	10	09	17	17.1	16.6	14.0	12.5	11.4	7.0	4.2	19.35	22.25	27.65	30.85	31.75	33.55	33.95
3	25	1	20.8	18	24	18	9	18.0	16.0	13.6	12.4	11.4	8.5	5.7	18.95	23.75	28.65	31.85	32.40	33.30	33.90
4	25	1	20.2	11	22	09	12	18.9	15.5	14.0	13.3	12.1	8.2	5.7	19.80	24.65	28.60	31.30	32.15	33.40	33.95
5	25	1	21.0	02	26	36	30	19.7	15.6	14.0	13.1	12.0	7.6	5.6	19.90	25.05	28.30	31.50	32.10	33.55	33.90
6	25	3	16.5	36	32	36	18	19.1	16.5	13.9	13.1	11.5	6.6	5.6	18.85	22.70	28.95	31.65	32.35	33.05	33.95
7	05	3	14.2	36	16	02	12	17.3	17.1	14.3	13.2	12.0	7.1	5.5	19.70	20.50	27.65	31.75	32.55	33.40	33.85
8	27	7	14.1	34	67	34	45	16.3	16.8	13.5	12.2	11.6	8.3	5.1	20.35	20.55	29.50	31.95	32.55	33.40	33.90
9	27	6	14.0	29	20	34	12	15.4	16.3	13.3	12.3	10.7	6.5	5.3	21.55	21.75	30.15	31.45	32.75	33.60	33.95
10	25	4	14.1	29	26	36	32	15.4	16.0	14.1	13.0	11.1	9.0	6.2	22.95	23.15	29.90	31.25	32.55	33.05	33.90
11	23	3	15.0	00	0	00	0	15.6	16.2	14.6	13.6	11.4	8.3	6.1	22.70	23.20	28.70	30.95	31.70	33.35	33.75
12	27	6	12.5	29	24	25	8	15.4	15.9	14.5	13.6	12.2	7.8	5.8	23.60	23.75	29.25	30.60	30.95	33.45	33.85
13	16	1	17.0	16	13	18	14	15.4	15.7	15.4	13.7	11.7	7.9	6.1	23.95	25.00	26.65	31.05	32.30	33.05	33.80
14	00	4	14.5	20	30	18	17	15.6	15.4	14.6	13.3	11.4	9.6	5.6	20.70	23.40	28.95	31.25	32.35	33.05	33.80
15	20	4	16.0	23	47	20	37	15.6	15.6	14.7	13.7	11.9	9.5	6.0	25.10	25.95	30.20	32.15	32.35	33.05	33.75
16	20	6	16.4	18	27	23	25	15.6	15.6	15.6	14.7	12.5	10.4	7.8	26.50	26.65	26.85	30.40	31.80	32.60	33.35
17	25	3	15.5	00	0	29	12	15.5	15.5	15.4	15.0	14.3	11.7	7.0	25.10	28.30	30.25	30.95	31.35	32.30	33.55
18	23	2	15.8	27	20	29	42	15.5	15.6	15.3	15.1	14.4	12.6	8.1	27.90	29.35	30.50	30.90	31.15	31.75	32.25
19	18	1	17.5	32	27	32	20	15.8	15.9	15.5	15.0	14.5	13.0	7.3	28.75	29.35	29.85	31.20	31.40	32.05	33.65
20	27	6	17.5	29	19	27	25	15.8	16.1	15.6	15.3	15.0	14.2	7.5							
21	29	5	17.2	32	17	34	47	15.3	16.0	15.5	15.3	15.1	14.2	7.4							
22	23	2	16.3	32	10	00	0	15.9	15.7	15.8	14.7	14.5	13.7	7.6							
23	18	2	19.8	00	0	20	15	16.5	16.2	15.8	15.6	15.0	11.2	6.6							
24	14	2	18.8	16	21	16	13	17.5	16.2	16.3	16.0	15.5	11.2	6.3							
25	23	5	19.0	14	19	32	16	17.1	17.4	17.0	15.6	14.9	12.3	6.4							
26	27	5	15.8	25	21	27	19	16.4	16.8	16.2	15.7	14.1	8.2	7.6							
27	07	4	16.2	11	15	36	17	15.9	16.4	15.6	15.3	14.6	10.9	6.3							
28	11	2	15.3	32	16	29	19	16.2	16.3	16.5	16.1	14.1	10.7	6.1							
29	09	2	16.0	14	12	00	0	16.6	16.6	15.9	15.3	14.9	11.2	6.6							
30	36	2	15.8	16	19	20	19	16.2	16.6	16.3	15.6	14.4	11.2	6.9							
31	05	1	18.5	14	37	34	23	17.3	17.2	16.4	16.4	15.2	11.6	7.5							
M		3	16.7					16.5	16.2	15.1	14.2	13.1	9.9	6.3							

## FLADEN

57° 13' N

11° 51' E

Augusti

Observatör: G. BULL, H. BERGSTRÖM

1963

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰										
	Riktn.	Styrke		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	m	
1	14	4	18.8	14	29	17.7	17.1	16.7	16.2	14.4	9.8	7.2	20.45	22.45	25.20	28.65	30.85	32.85	33.35			
2	11	3	18.2	14	28	17.1	17.5	16.6	16.2	15.7	8.8	6.9	21.05	21.80	25.60	28.10	29.55	32.90	33.30			
3	18	1	18.2	14	7	00	0	18.0	17.7	16.5	14.7	9.8	21.30	22.30	26.15	29.85	31.20	33.25	33.45			
4	09	3	20.1	11	21	25	12	18.4	18.3	16.7	15.6	13.3	9.1	7.4	20.80	21.00	24.80	29.35	33.05	33.45		
5	14	3	19.0	11	21	23	5	18.4	18.4	16.6	15.1	12.8	7.2	6.7	20.75	21.15	25.55	30.20	32.00	33.30	33.45	
6	18	2	20.8	11	8	00	0	18.7	18.8	16.7	15.8	13.5	7.9	6.8	20.55	20.55	25.05	29.60	32.00	33.25	33.55	
7	20	2	18.9	25	18	27	7	19.1	19.1	16.7	15.6	13.0	7.7	6.9	20.35	20.55	24.50	29.05	31.95	33.25	33.55	
8	09	3	17.8	14	10	00	0	18.9	19.2	17.2	16.0	13.6	7.4	6.7	20.15	20.15						
9	25	6	17.5	23	7	32	16	18.4	18.5	18.3	15.2	13.6	7.1	6.5	20.10	20.55	20.75	29.05	30.20	33.55	33.55	
10	23	3	20.3	16	19	32	11	17.9	18.5	18.2	15.6	15.3	7.2	6.7	20.50	20.55	20.70	30.15	32.20	33.45	33.65	
11	20	4	17.5	23	17	23	21	17.9	18.3	18.4	14.8	11.9	7.1	6.6	20.30	20.35	22.20	30.50	31.95	33.50	33.50	
12	25	5	17.1	29	22	29	19	17.6	18.3	17.8	14.7	12.5	7.3	6.6	20.65	21.85	22.10	30.80	32.95	33.45	33.60	
13	25	3	16.8	29	11	32	30	17.6	17.7	17.6	16.2	11.2	7.8	7.2	26.40	27.70	28.10	31.95	33.05	33.70	33.75	
14	27	4	16.5	29	19	32	27	16.2	16.7	16.7	16.3	12.8	9.1	7.3	20.50	24.75	29.00	30.15	30.35	33.65	33.55	
15	23	2	16.8	29	7	34	16	17.2	17.2	16.6	14.9	15.0	10.2	7.6	20.75	24.05	28.40	29.45	32.70	33.25	33.80	
16	27	5	16.0	32	14	34	21	16.8	17.6	16.8	16.7	15.6	15.0	6.7	25.75	25.80	25.95	29.55	31.75	33.25	33.70	
17	27	4	17.5	32	19	32	11	15.9	16.1	16.4	16.4	15.8	12.6	6.8	22.35	25.10	25.50	28.45	31.60	33.35	33.75	
18	09	4	16.2	11	17	29	19	16.5	16.7	16.6	16.4	15.3	10.1	7.1	21.90	22.05	25.55	27.85	32.90	33.50	33.60	
19	20	4	16.1	29	21	27	8	16.3	16.6	16.6	16.5	15.5	10.7	7.6	22.25	22.65	26.40	29.20	31.70	33.20	33.55	
20	11	3	14.7	14	18	00	0	15.9	16.7	16.7	16.3	14.8	12.7	8.6	20.35	21.50	24.60	29.15	33.00	33.45	33.50	
21	29	1	16.0	14	7	05	3	16.6	17.2	16.7	16.2	14.7	11.5	9.2	20.00	21.30	23.20	28.60	28.75	33.50	33.60	
22	14	3	15.5	14	8	32	41	16.6	17.3	16.9	16.2	15.8	11.5	9.7	20.40	21.35	22.05	29.35	32.15	33.55	33.55	
23	11	1	16.1	02	12	00	0	16.7	17.1	17.1	16.3	15.4	10.1	8.0	20.10	20.80	22.10	27.75	32.94	33.60	33.55	
24	23	2	13.5	23	16	00	0	16.6	17.1	17.1	16.2	14.9	10.8	8.1	18.90	20.20	20.65	27.20	32.70	33.50	33.65	
25	23	2	15.8	11	16	32	19	16.9	17.1	17.0	16.4	16.0	13.0	7.8	21.00	21.30	22.15	24.35	29.75	33.70	33.60	
26	18	6	15.7	32	24	36	38	16.9	17.0	16.9	16.4	16.0	13.0	7.8	21.15	21.25	22.25	24.45	30.30	33.10	33.80	
27	23	6	16.6	27	18	36	42	16.6	17.0	16.7	16.4	15.9	13.0	8.6	23.50	23.50	23.95	24.60	32.60	33.45	33.75	
28	25	4	15.9	29	22	32	29	16.0	16.3	16.5	16.4	16.0	14.5	11.3	22.20	22.75	23.40	25.35	32.30	33.30	33.70	
29	14	2	15.0	32	18	32	20	16.1	16.4	16.5	16.3	15.4	13.6	9.7	21.10	22.60	24.25	24.95	29.95	33.30	33.70	
30	23	1	14.5	05	25	00	0	16.4	16.6	16.5	16.2	15.7	14.0	8.5	20.70	21.05	22.90	26.00	30.80	33.30	33.60	
31	09	2	14.0	02	15	36	12	16.0	16.5	16.5	16.2	15.5	14.2	8.4	21.21	22.10	24.24	28.40	31.59	33.36	33.59	
M	3		16.9					17.2	17.4	16.9	16.0	14.6	10.4	7.7								

# FLADEN

September

57° 13' N 11° 51' E 1963

# FLADEN

Observatör: G. BULL, J. AHLSTRÖM

September

Datum	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰							
	Riktn. Styrka	Riktn. Riktn.		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m
1	05	2	14.5	02	8	16.3	16.5	16.5	16.2	15.3	13.0	8.4	20.70	20.75	23.45	28.40	32.35	33.55	33.65
2	11	1	15.8	00	0	16.3	16.6	16.5	16.0	15.0	13.3	9.0	20.25	20.90	22.25	27.40	32.35	33.40	33.55
3	20	4	17.0	05	18	16.5	16.6	16.5	16.2	15.2	13.5	9.4	20.25	20.15	22.40	25.95	32.35	33.45	33.60
4	23	4	15.5	05	12	16.4	16.5	16.6	15.9	15.4	13.5	10.1	19.95	20.00	20.90	23.45	32.15	33.35	33.50
5	23	2	13.1	16	22	15.9	16.1	16.5	16.4	15.6	13.8	11.2	20.10	20.05	22.55	23.80	31.80	33.35	33.50
6	36	1	15.5	18	20	00	0	16.0	16.4	16.5	16.1	14.8	19.65	19.85	21.25	25.35	32.55	33.35	33.45
7	29	3	15.2	00	0	05	8	15.8	16.1	16.0	15.8	14.9	19.95	19.85	20.25	26.45	33.15	33.45	33.60
8	23	4	16.0	18	7	29	16	15.7	16.0	16.0	16.4	15.1	20.00	19.85	19.85	23.35	32.35	33.35	33.45
9	18	6	16.8	23	18	29	32	15.8	16.2	16.2	16.4	15.2	19.95	20.00	20.05	22.40	32.60	33.30	33.45
10	23	5	14.5	16	12	20	15	15.5	16.0	15.9	16.0	15.9	19.40	20.05	20.85	26.75	31.65	33.40	33.40
11	27	1	16.8	14	22	00	0	15.6	16.0	15.8	15.5	14.9	19.50	19.65	20.95	32.20	33.15	33.30	33.45
12	29	2	15.2	36	22	32	16	15.6	15.8	15.6	15.7	15.5	20.75	22.55	26.10	31.70	32.90	33.30	33.45
13	27	3	15.5	29	6	27	17	14.8	15.6	15.6	15.8	15.7	21.20	22.50	27.25	30.90	32.70	33.30	33.45
14	25	7	15.5	36	48	32	36	15.1	15.5	15.5	15.7	15.2	20.75	20.75	20.80	30.90	32.55	33.35	33.50
15	29	8	15.8																
16	27	6	16.0	36	53	34	45	15.0	15.2	15.0	15.0	15.5	21.70	22.05	25.65	26.75	31.90	33.20	33.45
17	23	1	15.1	34	25	36	22	14.6	15.0	15.2	15.2	15.3	24.30	24.60	26.00	27.75	32.45	33.25	33.45
18	29	3	16.2	32	32	27	12	14.8	15.2	15.3	15.5	15.5	23.20	27.45	30.65	31.85	32.35	33.00	33.45
19	07	5	12.9	36	25	32	12	14.1	15.2	15.3	15.5	15.1	25.45	27.60	29.35	31.85	32.00	33.30	33.45
20	14	6	11.4	27	29	20	27	13.9	14.7	15.0	15.3	15.2	20.30	22.95	26.35	29.65	30.35	33.35	33.45
21	11	4	12.3	00	0	25	18	14.1	14.9	15.1	15.2	15.4	19.60	19.55	25.10	27.90	31.05	32.90	33.45
22	11	2	14.8	18	16	18	11	14.8	15.0	15.4	15.1	15.3	19.15	19.25	22.40	28.70	32.05	33.00	33.30
23	29	2	14.8	34	21	29	10	14.7	15.0	15.0	15.2	15.3	19.00	19.00	20.20	29.35	31.85	33.00	33.30
24	18	4	15.0	25	13	23	22	14.7	15.0	15.3	15.3	15.3	19.20	19.20	25.70	30.35	31.85	33.10	33.30
25	16	3	16.2	29	16	32	31	15.6	15.1	15.1	15.0	15.1	19.35	19.30	19.40	26.15	32.20	32.70	33.15
26	25	6	13.8	29	16	20	32	13.7	14.6	14.7	15.2	15.0	21.35	21.45	21.50	30.70	32.15	33.10	33.30
27	27	2	12.0																
28	29	6	14.6	36	32	14	38	13.9	13.9	14.4	14.5	13.8	26.20	26.40	27.95	29.35	31.70	33.25	33.40
29	32	8	12.8																
30	32	5	12.0	34	13	34	48	12.4	13.3	13.8	14.2	14.2	26.30	26.35	28.05	31.40	32.10	32.95	33.15
31																			
M		4	14.8					15.1	15.5	15.6	15.6	15.2	21.02	21.56	23.60	28.18	32.17	33.23	33.43

FLADEN

57° 13' N

11° 51' E

Oktober

Observatör: G. BULL, J. AHLSTRÖM

1963

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰									
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m		
1	29	7	12.0	32	22	20	27	11.9	13.0	14.0	14.1	14.1	12.3	11.6	28.30	31.35	31.70	32.00	33.10	33.30	
2	11	3	10.6	00	0	00	0	12.1	12.5	12.6	13.3	14.0	12.8	12.5	28.45	28.50	30.55	31.80	32.75	33.15	
3	29	5	10.6	32	53	27	38	12.4	12.6	13.2	13.4	13.5	13.5	12.6	26.85	28.05	29.00	30.45	30.75	33.05	
4	23	4	13.8	29	43	32	23	12.8	13.0	13.0	13.4	13.0	13.4	12.7	28.00	28.00	28.40	30.15	30.65	32.70	
5	27	5	10.8	32	29	32	18	11.8	12.3	12.7	12.9	13.0	13.5	13.0	27.30	27.40	28.00	29.35	31.25	32.40	
6	23	1	10.9	29	19	29	12	11.7	12.5	13.0	13.2	13.1	13.4	13.1	26.70	27.10	28.60	29.25	30.20	31.40	
7	07	1	10.0	20	20	00	0	11.7	12.2	12.5	12.6	13.3	13.2	13.3	26.65	26.85	27.20	27.65	29.95	32.00	
8	23	2	12.0	25	17	23	24	11.9	12.1	12.4	12.6	13.0	13.2	13.0	24.25	24.20	25.70	27.60	29.30	32.10	
9	27	6	12.7	29	16	29	9	11.4	12.2	12.2	12.3	13.0	13.4	13.1	24.30	24.40	24.45	24.80	25.15	31.30	
10	25	7	12.0	27	48	23	40	12.0	12.3	13.0	13.0	13.0	13.2	13.2	27.20	27.20	30.50	31.80	31.95	32.25	
11	27	6	12.0	36	25	34	38	11.5	12.1	12.3	13.0	13.1	13.1	13.0	24.90	25.00	31.15	32.05	32.40	32.70	
12	32	8	13.0																		
13	23	6	12.6	29	20	25	19	11.9	12.1	12.2	12.6	13.4	13.2	12.8	28.95	29.00	29.00	30.75	32.05	32.60	
14	36	7	8.6	02	26	34	32	10.7	12.0	12.2	12.5	12.6	12.6	12.5	28.95	28.95	29.95	31.85	31.90	32.30	
15	02	1	9.2	23	26	18	38	10.2	12.0	12.5	12.6	12.9	12.6	12.5	27.35	30.00	31.45	32.00	32.45	32.75	
16	18	6	11.4	16	38	32	25	10.4	11.6	11.6	12.0	12.0	12.5	12.5	27.75	28.55	29.30	29.80	30.15	32.10	
17	20	3	12.6	23	30	23	18	10.4	11.6	12.0	12.0	12.2	12.5	12.5	21.35	27.60	30.55	31.95	31.90	32.20	
18	27	3	11.5	18	33	20	15	10.8	11.5	11.5	11.9	12.2	12.4	12.4	28.50	29.30	29.65	30.55	31.10	32.10	
19	25	4	12.6	23	25	14	16	11.3	11.5	11.6	12.0	12.2	12.4	12.5	28.65	29.20	29.45	30.15	30.85	31.60	
20	16	4	12.0	18	32	18	19	11.1	11.3	11.8	11.9	12.0	12.2	12.4	28.35	28.50	29.75	30.10	30.75	31.75	
21	29	3	13.0	00	0	00	0	10.8	11.0	11.3	11.5	11.7	12.0	12.2	28.20	28.45	28.95	29.55	30.40	31.25	
22	18	6	12.8	23	31	25	23	11.0	11.2	11.2	11.8	12.0	12.0	12.3	27.80	27.80	28.40	30.00	31.20	31.75	
23	00	0	11.2	32	18	29	9	11.0	11.1	11.2	11.7	11.8	12.0	12.2	28.55	29.00	30.65	30.75	31.25	31.65	
24	18	3	11.4	23	14	27	8	10.9	11.2	11.2	11.6	11.8	12.0	12.2	25.35	25.35	27.30	29.65	30.70	31.35	
25	18	2	11.8	20	12	20	16	11.0	11.2	11.2	11.6	11.8	12.0	12.2	25.60	25.65	26.10	29.70	30.35	30.65	
26	20	2	11.5	16	38	16	24	10.5	11.0	11.0	11.5	11.8	12.0	12.1	19.75	25.05	25.55	28.60	30.25	31.70	
27	23	4	10.4	18	27	00	0	10.2	11.0	11.1	11.4	11.8	12.1	12.1	19.80	21.70	24.85	28.00	29.45	31.40	
28	27	5	10.8	11	37	11	23	10.2	10.8	11.0	11.5	11.9	12.2	12.2	20.20	20.20	24.45	28.00	30.15	31.80	
29	27	2	10.0	05	32	05	8	9.9	10.6	11.0	11.3	12.0	12.0	12.1	21.35	21.75	25.20	26.35	30.55	31.90	
30	14	3	7.2	00	0	16	14	9.0	10.5	10.7	11.2	11.7	12.2	12.2	18.25	22.70	23.95	27.00	29.85	32.45	
31	11	5	9.0	16	25	18	22	9.8	10.6	10.6	11.5	12.0	12.2	12.1	25.25	25.35	25.50	28.75	30.60	32.30	
M		4	11.3					11.1	11.7	11.9	12.3	12.5	12.6	12.5	25.76	26.64	28.12	29.63	30.71	32.02	
																					32.57



# FLADEN

November

# FLADEN

57° 13' N

11° 51' E

November

Observatör: J. AHLSTRÖM, C.O. KALDEN

1963

Dag	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C							Vattnets salthalt i ‰								
	Rikn.	Sstyrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m		
1	11	3	8.6	14	9	16	12	9.9	10.4	10.4	10.5	11.3	12.0	12.2	25.36	25.30	25.29	25.41	27.86	31.80	32.59
2	14	5	9.0	00	0	00	0	10.0	10.0	10.0	10.3	11.5	12.0	12.1	24.02	24.22	24.14	25.12	28.53	31.82	32.80
3	00	0	11.0	14	11	11	19	10.0	10.0	10.0	10.5	11.6	11.8	12.0	21.92	23.88	23.90	24.40	29.55	32.11	32.73
4	05	3	9.0	29	8	27	14	8.9	10.0	10.1	10.2	10.7	12.0	12.0	21.88	23.86	23.95	24.45	29.59	32.00	32.88
5	14	5	8.2	27	19	32	10	8.8	9.2	10.2	10.6	11.4	12.0	12.0	22.03	22.01	24.04	25.28	27.99	32.04	33.10
6	11	5	9.0	29	20	32	13	9.5	9.8	9.9	9.9	10.5	12.0	12.0	23.58	23.56	23.65	23.66	24.99	31.73	32.84
7	14	6	8.9	29	13	25	11	9.4	9.8	9.9	9.9	10.5	12.0	12.0	23.61	23.61	23.71	23.71	25.31	32.25	33.11
8	18	5	9.8	20	20	20	16	9.1	9.1	9.2	10.6	11.9	12.0	11.4	21.09	21.19	22.14	26.15	31.14	32.37	33.52
9	27	8	10.0																		
10	32	5	9.0	34	10	18	26	8.7	9.0	9.2	11.7	12.0	10.9	9.5	22.06	22.01	22.44	30.05	32.51	33.72	34.40
11	11	5	5.0	16	20	20	12	6.2	8.9	9.7	11.5	12.0	11.5	9.6	22.82	22.84	24.91	29.36	31.75	33.12	34.19
12	18	4	9.8	20	11	27	33	9.0	9.1	9.4	9.6	11.1	11.0	10.5	21.76	21.80	22.79	24.74	29.01	33.21	33.59
13	20	8	9.5																		
14	25	8	7.5																		
15	23	7	8.8	29	19	23	14	8.6	8.7	8.7	9.2	11.5	9.0	9.0	23.59	23.61	23.76	24.50	32.62	34.33	34.54
16	36	3	5.0	36	11	36	7	8.0	8.4	8.7	8.9	11.0	9.6	9.5	23.18	23.26	24.30	25.22	32.33	34.29	34.33
17	27	5	7.5	34	33	36	33	8.1	8.5	8.7	9.5	10.0	9.5	9.5	24.98	24.99	25.06	29.70	32.57	34.14	34.41
18	18	5	6.7																		
19	27	5	8.5																		
20	29	2	5.5	27	27	27	18	7.7	8.6	8.5	8.9	9.0	9.7	9.5	25.17	27.54	29.35	30.38	31.07	33.41	34.03
21	32	8	7.0																		
22	29	8	8.0																		
23	34	3	6.2	36	13	16	10	7.6	8.8	8.8	8.9	9.2	9.5	9.5	31.07	31.30	31.38	31.37	32.05	33.24	33.44
24	11	7	2.5																		
25	16	3	6.0	14	27	32	23	7.7	7.9	7.9	7.9	7.9	8.1	9.0	28.96	29.11	29.11	29.31	29.48	29.97	32.03
26	18	2	8.0	07	10	25	17	7.3	7.3	7.4	7.5	8.0	8.0	8.7	26.65	27.22	28.38	28.65	29.47	29.61	32.50
27	05	3	6.5	20	10	27	22	7.1	7.5	7.6	7.8	7.9	8.9	9.4	26.10	27.34	27.65	28.33	28.91	31.70	33.05
28	11	3	6.8	00	0	32	22	7.0	7.1	7.4	7.3	7.4	8.7	9.3	24.21	24.21	25.76	26.76	27.31	31.34	33.10
29	14	1	6.9	36	32	36	9	7.2	7.3	7.3	7.4	7.6	9.1	9.3	23.37	23.79	24.95	27.12	28.11	32.86	33.13
30	11	3	3.2	36	10	02	22	7.1	7.2	7.2	7.3	7.6	9.0	9.2	24.00	24.12	25.59	26.77	28.27	32.33	33.39
31																					
M		5	7.6					8.3	8.8	8.9	9.4	10.1	10.4	10.3	24.16	24.58	25.28	26.84	29.56	32.43	33.35

# FLADEN

57° 13' N

11° 51' E

December

Observatör: G. BULL, J. AHLSTRÖM

1963

Datum	Vind Riklin. Stryka	Luft- temp.	Sjöm från		Vattnets temperatur i °C						Vattnets solhalt i ‰									
			0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m		
1	11	4	4.8	23	10	00	0	7.3	7.3	7.3	7.4	9.0	9.2	23.59	23.58	23.86	24.76	25.90	32.37	33.36
2	11	3	4.9	36	10	29	9	6.7	6.9	7.1	7.2	7.3	9.2	22.17	22.62	23.33	23.91	24.16	33.00	33.36
3	05	3	4.2	14	17	23	8	5.8	6.6	6.6	7.1	8.1	9.5	16.70	21.20	23.63	24.19	30.66	33.30	33.68
4	05	1	2.8	16	23	23	16	5.2	6.2	7.0	7.1	8.0	9.5	16.69	20.53	22.60	23.53	29.60	30.63	31.77
5	36	1	2.4	11	18	34	25	5.4	6.4	6.6	7.1	8.5	9.6	17.78	22.72	22.91	25.99	30.52	31.49	31.91
6	16	1	4.1	14	22	18	14	5.5	6.6	7.0	7.5	9.1	9.6	18.76	23.60	23.87	26.90	32.51	33.58	33.90
7	05	4	3.2	14	25	00	0	5.3	6.9	7.0	8.0	9.2	9.6	18.14	23.28	24.05	27.78	32.80	33.39	33.65
8	27	3	4.5	29	15	23	27	4.3	6.1	6.9	8.4	9.3	9.6	16.89	22.89	24.40	30.19	32.26	33.50	33.75
9	25	3	5.2	02	29	29	13	4.5	6.4	7.1	8.4	9.1	9.5	19.20	23.97	25.23	30.31	32.24	33.51	33.86
10	32	1	5.0	05	24	34	22	4.4	6.5	7.0	8.2	9.0	9.6	19.20	22.24	25.98	29.91	32.03	33.13	33.54
11	29	2	5.0	05	31	36	12	4.0	6.8	7.0	8.1	8.8	9.5	19.17	23.69	24.49	28.57	32.02	33.26	33.61
12	02	5	1.5	14	27	25	37	4.0	6.9	7.4	8.3	8.9	9.5	20.79	24.77	27.95	31.05	31.63	33.21	33.77
13	07	3	-1.5	16	14	23	32	4.3	6.2	7.5	8.2	9.0	9.6	23.25	23.21	26.15	30.71	32.59	33.98	34.09
14	36	2	4.2	02	14	16	23	4.2	4.4	6.5	8.2	8.6	9.5	22.27	22.40	24.11	29.89	31.49	33.25	33.66
15	05	3	1.0	34	8	29	26	3.7	5.5	6.6	8.5	9.1	9.5	20.25	23.30	25.43	31.51	32.19	33.08	33.77
16	32	1	3.2	34	35	32	43	3.9	4.8	5.3	8.0	9.0	9.4	21.95	22.23	23.91	28.25	31.43	33.36	33.97
17	32	1	-1.8	20	9	23	16	3.6	4.6	4.9	8.0	9.0	9.4	22.24	22.29	22.70	29.85	30.84	31.60	32.35
18	25	5	1.3	32	38	34	25	3.4	3.8	4.6	8.2	9.0	9.3	22.27	22.35	22.93	31.19	32.28	33.24	33.91
19	02	2	-1.5	36	23	32	30	3.5	3.6	4.8	8.1	9.0	9.4	22.96	22.95	24.99	30.55	31.77	33.45	33.81
20	36	4	-1.9	32	12	05	8	3.3	3.5	3.8	8.8	9.4	9.6	23.49	23.47	23.62	32.07	32.86	33.96	34.23
21	02	2	-4.3	34	19	34	15	1.9	3.3	3.3	9.2	9.6	9.6	22.81	23.26	23.50	32.63	33.40	33.98	34.41
22	27	5	2.0	00	0	14	14	2.6	2.6	3.1	9.1	9.6	9.5	23.16	23.29	23.72	32.27	33.33	34.24	34.45
23	27	4	2.0	00	0	34	20	2.2	2.3	3.0	8.7	9.5	9.5	22.89	22.89	23.53	31.65	33.16	33.88	34.32
24	23	6	2.3	05	22	02	23	2.1	2.2	5.0	8.2	9.5	9.5	22.03	22.25	26.55	32.34	33.15	34.02	34.29
25	16	5	0.8	14	24	18	42	2.2	2.2	2.2	5.0	9.3	9.5	24.13	24.17	24.33	27.02	32.76	33.98	34.16
26	23	6	4.0	34	12	29	38	2.5	2.5	2.3	8.1	9.0	9.3	23.98	24.04	24.14	31.07	32.78	33.86	34.20
27	27	7	3.8	36	30	23	35	2.3	2.3	4.2	8.4	9.2	9.3	21.47	21.57	25.60	31.84	33.64	34.33	34.44
28	23	4	4.0	29	16	00	0	2.5	2.4	6.6	8.3	9.0	9.2	22.89	23.50	29.62	31.89	32.98	34.27	34.70
29	25	3	4.2	36	22	02	9	2.5	2.6	3.9	8.6	8.7	9.2	22.31	24.20	25.69	32.80	33.55	34.12	34.63
30	23	6	4.6	36	48	34	38	2.6	2.7	3.0	3.7	7.7	8.8	23.85	23.99	24.30	25.59	32.09	34.18	34.65
31	20	5	5.0	34	40	02	25	3.0	2.9	3.0	3.1	5.8	9.2	24.75	24.78	24.79	25.16	30.27	34.02	34.44
M	3	2.5						3.8	4.6	5.4	7.7	8.8	9.4	21.36	23.07	24.58	29.21	31.71	33.39	33.83

# VINGA

Januari

# VINGA

57° 34' N

11° 36' E

Januari

Observatör: B.H. NILSSON, G. GROTHÉN

1963

Dag	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C							Vattnets salthalt i ‰							
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	m	0 m	5 m	10 m	15 m	20 m	30 m	40 m
1	00	0	-3.0	00	0	0.7	0.7	2.1	3.0	5.3	7.5	7.5	23.36	23.47	24.69	25.70	31.83	33.88	34.21	
2	14	2	-3.3	36	13	0.5	0.6	1.9	2.9	5.5	7.3	7.5	23.20	23.60	24.50	25.65	32.20	33.84	34.17	
3	09	2	-8.0	00	0	0.2	0.3	0.2	2.1	5.4	7.5	7.8	22.90	23.55	24.00	24.70	31.69	33.97	34.54	
4	09	4	-2.3	00	0	-0.6	0.3	1.3	3.5	6.6	7.2	7.5	21.70	24.15	24.75	26.40	31.75	34.08	34.30	
5	09	2	-2.0	32	27	0.2	0.0	0.7	1.0	5.4	7.5	7.8	21.35	22.95	23.60	24.55	31.01	34.28	34.86	
6	05	5	-9.5	07	25	-0.7	0.0	0.7	5.2	7.1	8.0	8.0	22.10	22.45	23.85	29.95	31.07	35.00		
7	00	0	-4.2	36	30	-0.8	0.6	6.2	6.8	7.4	7.8	7.8	22.00	24.40	32.25	33.55	34.23	35.05	35.07	
8	14	1	-5.0	36	18	-0.4	0.2	2.0	5.6	6.6	7.4	7.6	23.55	24.15	25.80	30.80	33.48	34.35	34.68	
9	07	1	-5.5	00	0	-1.0	-0.1	1.2	5.3	6.3	7.5	7.7	23.75	23.75	25.05	31.00	33.36	34.40	34.75	
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Datum	Vind		Luft-temp.	Ström från			Vattnets temperatur i °C							Vattnets saltihalt i ‰							m	
	Rikn.	Styrka		0 m	10 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m		
1	11	2	0.0	32	8	20	28	0.4	0.6	0.3	0.7	5.1	5.3	5.3	18.34	19.90	20.97	23.50	34.25	34.90	34.97	
2	18	5	-0.5	18	25	20	33	0.6	0.6	0.2	0.6	5.0	5.2	5.3	19.75	19.70	21.50	22.90	33.69	34.86	34.94	
3	18	3	1.2	23	17	00	0	0.6	0.4	0.3	2.7	4.8	5.2	5.3	20.70	20.90	21.30	28.65	33.92	34.89	35.00	
4	07	2	1.0	05	30	05	19	0.7	0.6	0.2	4.5	4.3	5.2	5.3	19.60	20.00	20.90	33.35	34.49	34.95	35.01	
5	05	4	1.5	11	40	11	28	0.8	0.8	1.7	4.4	4.5	5.2	5.3	19.70	19.85	25.25	33.60	34.70	34.91	34.95	
6	05	5	1.0	09	25	16	13	0.9	0.9	2.3	3.9	4.6	5.3	5.3	20.10	20.45	27.10	34.05	34.64	34.97	34.97	
7	09	2	0.6	00	0	14	17	1.1	1.1	1.3	4.5	5.1	5.3	5.3	19.75	19.95	24.15	33.50	34.31	34.78	34.88	
8	00	0	2.5	00	0	00	0	1.3	1.3	1.3	4.5	4.2	5.3	5.2	20.05	20.05	24.50	33.35	34.21	34.89	34.95	
9	18	3	2.8	32	24	32	17	1.8	1.7	0.9	4.5	5.0	4.9	4.8	19.50	19.90	22.35	33.10	34.52	34.79	34.92	
10	14	4	4.0	00	0	05	23	2.5	2.3	0.9	3.7	2.5	3.0	4.4	19.60	19.75	22.95	33.30	34.25	34.52	34.86	
11	14	5	5.0	00	0	05	23	2.5	2.4	1.0	3.9	1.9	2.8	4.5	19.57	19.56	22.94	33.40	34.05	34.44	34.91	
12	00	0	4.6	36	17	36	52	2.7	2.4	1.2	3.1	2.2	3.7	4.0	18.90	19.28	21.85	32.70	34.25	34.70	34.85	
13	27	4	3.5	36	28	36	54	2.7	2.6	1.9	4.2	2.3	3.2	3.8	19.25	19.30	26.65	33.75	34.23	34.58	34.88	
14	20	5	4.0	34	28	34	33	2.8	2.7	2.7	2.7	2.9	4.1	4.3	20.45	20.20	29.55	33.50	34.44	34.90	34.93	
15	18	7	4.4	00	0	00	0	3.2	3.2	3.2	4.0	3.0	3.6	4.2	20.10	20.00	20.85	32.20	34.19	34.73	34.92	
16	25	4	3.7	00	0	00	0	3.2	3.2	3.2	3.2	3.1	3.9	4.1	21.00	20.75	20.95	21.90	34.13	34.84	34.93	
17	09	3	4.5	00	0	05	27	3.7	3.6	3.9	3.4	3.3	4.4	5.0	20.50	20.55	20.65	33.30	34.12	34.75	34.94	
18	11	4	3.7	00	0	05	27	3.7	3.7	3.4	3.3	3.5	3.7	4.6	20.15	20.75	21.75	33.85	34.40	34.49	34.75	
19	00	0	5.0	32	20	29	27	4.2	3.6	3.5	3.5	3.5	3.7	4.4	19.30	22.55	28.10	33.85	34.30	34.48	34.66	
20	07	3	4.5	05	17	05	30	4.7	4.4	3.5	2.6	3.5	3.8	4.3	18.07	21.70	24.50	33.85	34.36	34.47	34.70	
21	05	4	5.0	05	33	05	40	4.5	3.5	3.5	3.4	3.5	4.0	4.4	19.14	21.39	23.33	33.67	34.21	34.58	34.71	
22	00	0	5.5	36	37	34	23	4.5	4.3	3.5	3.0	3.0	3.8	4.0	20.25	20.30	24.40	33.50	34.05	34.44	34.59	
23	36	4	4.5	02	33	34	63	4.8	4.5	3.3	3.0	3.2	3.7	4.0	17.25	20.50	29.90	33.55	34.12	34.42	34.56	
24	05	5	3.0	00	0	14	13	4.5	3.7	3.3	3.0	3.3	3.8	4.1	19.65	20.35	31.85	33.75	34.15	34.44	34.56	
25	07	2	4.7	07	17	00	0	5.0	4.5	3.8	4.2	3.8	4.0	4.0	19.95	21.10	30.90	33.55	34.41	34.56	34.63	
26	27	3	5.5	36	13	00	0	5.3	5.2	4.1	3.7	3.5	3.8	4.0	20.40	20.85	26.50	32.70	34.34	34.51	34.59	
27	25	4	3.9	00	0	27	10	5.6	4.9	3.9	3.4	3.8	3.5	3.9	20.25	21.00	26.35	33.35	34.08	34.16	34.56	
28	25	3	5.5	00	0	34	13	5.6	5.0	3.7	3.4	3.4	3.9	4.0	20.35	21.20	25.70	33.25	33.76	34.48	34.58	
29	20	3	5.8	00	0	00	0	6.0	5.1	4.0	3.6	3.5	3.8	4.0	20.50	21.10	24.25	32.85	33.90	34.42	34.56	
30	27	3	5.5	14	20	00	0	6.3	6.0	4.3	3.7	3.5	3.8	4.0	20.40	20.65	23.80	33.00	33.79	34.43	34.56	
31																						
M	3	3.5						3.2	3.0	2.5	3.4	3.6	4.2	4.5	19.75	20.44	24.52	32.16	34.21	34.63	34.79	

# VINGA

57° 34' N

11° 36' E

Maj

Observatör: B.H. NILSSON, G. GROTHEN, N. PEHRSSON, E. STROM

1963

Dag	Vind		Luft-temp.	Ström från					Vattens temperatur i °C					Vattens salthalt i ‰					m			
	Rikn.	Styrke		0 m	30 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m		5 m	10 m	15 m
1	23	4	5.6	14	37	16	42	6.0	4.5	3.7	2.2	2.8	3.2	3.9	20.54	23.74	32.30	33.51	33.79	34.11	34.52	
2	16	3	5.8	18	17	25	38	6.0	6.0	6.0	4.0	3.4	3.1	3.2	25.05	25.30	26.55	32.70	33.27	34.22	34.11	
3	20	6	5.5	23	30	23	67	6.0	5.9	5.0	4.4	3.9	3.4	3.1	24.65	26.25	28.50	32.05	33.15	33.42	33.85	
4	11	3	7.5	16	37	18	70	6.6	6.2	6.0	4.6	3.4	3.2	3.1	23.85	24.80	25.55	30.75	33.24	33.51	33.62	
5	11	3	7.5	20	17	00	0	7.2	7.2	5.9	4.3	4.0	3.4	3.4	22.70	22.50	24.70	32.00	32.80	33.33	33.87	
6	29	3	6.0	00	0	00	0	7.0	6.5	6.3	4.5	3.7	3.4	3.1	21.75	22.60	24.25	31.25	32.91	33.12	33.67	
7	23	4	7.0	00	0	32	13	7.1	7.0	6.4	4.1	3.7	3.5	3.2	22.00	22.05	24.45	32.20	32.91	33.14	33.51	
8	16	4	8.2	00	0	14	42	7.3	7.3	6.7	4.1	3.5	3.4	3.4	22.15	22.00	22.95	32.05	33.04	33.37	33.96	
9	16	5	10.4	23	30	32	10	7.9	7.9	7.8	4.8	3.6	3.3	3.5	22.00	22.00	22.45	29.85	32.97	33.49	34.03	
10	07	1	10.2	32	33	32	37	7.3	8.2	8.2	8.0	3.8	3.4	3.6	21.20	21.75	22.65	23.25	32.77	33.71	34.24	
11	18	4	9.4	32	43	32	50	7.8	8.5	7.9	7.5	3.2	3.5	3.6	20.25	20.28	21.59	23.34	31.76	33.94	34.24	
12	18	4	8.9	32	37	34	17	8.5	8.5	7.9	7.4	3.8	3.5	3.6	19.28	19.28	21.10	23.05	32.21	33.92	34.32	
13	16	5	9.2	00	0	00	0	8.1	8.2	8.0	7.9	3.4	3.4	3.6	19.55	19.60	21.30	23.25	32.68	34.00	34.37	
14	18	4	9.0	29	23	29	33	8.9	8.9	8.8	8.0	3.9	3.4	3.9	19.18	19.11	19.21	23.30	33.20	33.96	34.52	
15	00	0	9.7	34	10	34	33	8.5	8.3	7.6	6.0	4.3	3.4	3.9	19.38	19.65	20.25	26.30	33.24	34.05	34.52	
16	29	1	8.4	32	23	34	13	9.2	9.0	8.8	4.3	3.8	4.8	4.6	20.35	20.05	21.60	32.50	33.58	34.43	34.44	
17	20	4	9.8	29	27	23	30	10.0	9.8	7.0	5.1	3.3	4.5	4.4	21.00	21.25	25.95	32.60	33.76	34.24	34.45	
18	23	6	7.9	32	67	32	83	9.3	9.3	5.7	5.4	4.1	4.8	4.8	20.45	20.45	30.60	33.15	34.07	34.37	34.38	
19	09	2	6.5	05	8	36	17	8.9	8.9	9.0	5.7	5.6	4.1	4.5	20.55	20.55	21.25	33.25	33.67	34.13	34.35	
20	25	5	7.2	32	33	27	52	8.7	8.6	8.5	6.0	5.6	3.9	4.5	21.50	22.55	24.00	30.90	33.52	34.02	34.36	
21	16	8	8.0	18	53	18	70	9.4	9.4	8.9	8.4	5.5	3.7	4.0	20.45	20.39	22.44	24.55	31.97	33.89	34.26	
22	16	5	9.6	14	37	14	33	9.3	9.3	9.3	9.2	9.1	4.0	4.1	20.75	21.00	21.05	21.10	20.86	21.47	34.29	
23	02	3	10.8	00	0	02	13	9.7	9.3	9.3	9.2	4.9	4.2	4.1	20.30	20.75	20.75	20.85	33.34	34.07	34.27	
24	05	3	12.3	02	32	02	39	10.0	9.8	9.2	8.2	4.2	4.3	4.1	20.55	20.65	21.10	23.75	33.51	34.11	34.22	
25	07	2	14.2	14	25	14	16	10.8	10.2	9.0	5.4	5.3	4.3	4.2	20.40	20.50	21.40	32.15	33.44	34.09		
26	00	0	14.3	00	0	00	0	12.0	10.6	10.2	5.6	5.0	4.5	4.2	20.40	20.65	20.80	29.30	33.63	34.10	34.26	
27	00	0	14.0	00	0	00	0	12.0	9.9	9.2	6.7	4.9	4.3	4.1	20.15	20.50	21.30	29.65	33.60	34.15		
28	00	0	15.0	00	0	00	0	12.9	10.7	9.3	7.8	5.2	4.2	4.0	20.20	20.65	21.15	27.10	33.65	34.15	34.25	
29	00	0	16.3	00	0	14	11	13.9	11.3	9.5	7.9	4.0	3.7	3.7	20.20	20.35	20.55	26.75	33.50	34.15	34.30	
30	00	0	17.5	00	0	00	0	15.7	11.4	9.6	8.1	4.8	3.8	3.8	18.80	20.50	20.70	27.20	33.25	34.00	34.15	
31	02	3	16.0	14	10	14	23	14.3	11.5	9.5	6.4	4.0	4.1	4.1	19.85	20.25	21.10	31.15	33.65	34.15	34.10	
M		3	9.9					9.2	8.6	7.9	6.2	4.3	3.8	3.8	20.95	21.35	23.02	28.54	32.80	33.51	34.19	

Datum	Vind		Luft- temp.	Ström från				Vattnets temperatur i °C						Vattnets saltinhåll i ‰								
	Riktn.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m			
1	05	3	13.5	16	33	16	18	13.7	13.8	9.7	5.6	4.0	4.1	4.0	18.80	19.90	21.10	32.45	33.75	34.05	34.30	
2	23	1	15.0	11	25	16	30	14.2	13.5	10.4	5.8	5.0	4.0	3.8	17.90	19.15	21.10	31.00	33.55	34.00	34.25	
3	00	0	15.5	00	0	00	0	15.0	13.5	9.8	6.2	4.9	3.9	3.9	18.05	18.35	21.60	31.10	33.50	34.15	34.30	
4	05	4	12.0	34	27	36	46	13.7	13.7	9.8	5.3	4.2	4.2	4.2	20.10	20.10	20.10	33.10	34.00	34.30	34.40	
5	11	3	15.7	29	28	23	10	14.9	14.8	11.4	4.6	4.4	4.3	4.6	18.40	18.95	20.70	33.40	34.15	34.35	34.50	
6	11	1	17.3	00	0	00	0	15.4	15.3	10.5	5.4	4.9	4.5	4.7	18.15	18.30	21.35	32.00	34.20	34.35	34.55	
7	11	1	17.3	00	0	00	0	15.9	14.8	9.8	6.8	5.3	4.5	4.8	18.15	18.35	21.35	33.30	34.15	34.55	34.55	
8	00	0	19.5	00	0	00	0	17.0	15.8	10.5	6.2	4.7	4.3	4.8	17.90	18.45	20.10	33.20	34.10	34.30	34.60	
9	23	1	22.0	32	16	32	19	17.7	13.7	8.9	5.8	4.4	4.3	5.1	18.95	19.75	23.60	33.25	33.93	34.26	34.64	
10	25	2	16.0	32	7	32	16	17.9	10.8	9.3	6.0	4.7	4.5	5.5	19.34	19.85	23.75	33.30	34.37	34.43	34.80	
11	27	2	17.8	02	14	36	18	17.9	12.4	10.6	5.5	5.2	4.4	5.5	18.19	19.58	23.62	33.45	34.10	34.40	34.76	
12	27	5	15.5	34	63	34	62	17.9	18.0	8.0	7.2	5.6	5.1	5.5	18.07	18.11	31.50	32.45	33.85	34.52	34.88	
13	20	4	13.0	29	71	29	61	14.8	14.1	14.6	7.2	5.0	5.6	5.9	21.80	26.10	32.60	33.65	34.00	34.62	34.85	
14	16	1	16.8	18	33	02	8	15.9	15.2	8.6	6.1	5.9	6.0	5.9	21.35	32.35	33.40	34.10	34.33	34.57	34.71	
15	05	2	19.0	16	63	16	29	17.0	14.4	9.9	5.9	6.3	6.1	6.0	19.13	31.70	33.10	33.65	34.32	34.50	34.66	
16	16	2	15.7	16	29	18	20	16.7	15.9	10.0	5.6	6.0	5.9	5.8	19.80	31.35	33.05	33.60	34.18	34.61	34.73	
17	23	4	15.0	14	17	14	27	17.1	16.6	9.3	7.3	6.6	5.9	6.0	19.75	31.40	33.10	33.95	34.27	34.46	34.62	
18	18	3	16.1	16	42	16	29	16.7	16.6	16.3	8.2	6.7	6.2	6.1	19.85	24.20	32.40	33.25	33.96	34.44	34.54	
19	18	4	14.6	16	25	16	33	16.4	16.2	10.6	6.3	5.2	5.9	5.9	22.75	23.10	26.25	32.60	33.68	34.39	34.58	
20	25	5	13.5	11	34	14	24	15.5	15.5	15.7	7.6	6.4	6.2	5.8	21.30	21.20	22.35	31.35	33.52	34.46	34.59	
21	27	3	13.5	36	21	34	31	15.5	15.2	15.4	9.1	6.5	6.0	6.0	25.83	27.15	27.47	32.55	33.95	34.33	34.46	
22	23	4	14.0	09	28	36	23	15.4	15.4	15.0	7.0	6.4	6.2	6.0	26.70	26.75	29.75	33.85	34.17	34.36	34.50	
23	25	6	13.2	27	24	34	29	15.9	15.9	15.5	9.8	6.9	6.6	6.3	21.50	21.40	26.65	32.35	34.00	34.22	34.32	
24	27	7	13.0	34	16	32	21	15.1	15.1	15.0	9.5	8.4	6.9	6.2	26.15	26.10	26.25	33.25	33.94	34.15	34.31	
25	16	3	13.9	34	10	29	8	15.2	15.2	15.1	10.9	9.6	7.5	6.2	25.70	26.20	26.65	32.70	33.68	33.98	34.25	
26	11	4	14.0	14	69	14	32	15.3	15.2	15.2	14.9	10.6	7.2	6.4	23.80	24.60	26.10	26.95	32.30	33.88	34.19	
27	25	6	13.2	23	20	23	12	15.7	15.7	15.1	11.9	7.3	6.3	6.3	21.75	21.60	22.55	25.15	32.23	34.01	34.22	
28	25	3	13.5	18	42	16	43	15.7	15.7	15.1	14.2	11.0	6.9	6.0	20.35	20.25	24.60	27.40	32.85	33.95	34.23	
29	09	3	15.0	18	65	18	59	16.0	16.0	15.3	14.5	13.0	8.5	6.8	19.75	19.75	24.45	28.20	30.58	33.46	33.88	
30	00	0	15.0	18	26	18	33	16.2	16.4	15.9	14.7	13.6	8.0	6.1	18.13	18.88	20.90	27.80	30.99	33.23	33.92	
31																						
M		3	15.3					15.9	15.0	12.2	8.1	6.8	5.7	5.5	20.58	22.76	25.72	31.95	33.62	34.23	34.47	

# VINGA

57° 34' N

11° 36' E

Juli

Observatör: B.H. NILSSON, G. GROTHEN, N. PEHRSSON, E. STROM

1963

Datum	Vind		Lufttemp.	Ström från 0 m					Vattens temperatur i °C					Vattens salthalt i ‰							
	Riktn.	Styrka		Riktn.	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	m		
1	00	0	17.0	00	0	20	7	17.0	16.4	15.1	14.8	13.5	9.0	6.0	18.54	18.37	22.50	29.26	31.10	33.10	33.89
2	34	1	17.1	20	12	0	0	18.0	16.5	16.0	15.6	12.9	6.8	6.2	18.54	19.70	21.10	27.50	31.75	33.54	33.96
3	25	2	18.2	32	23	32	33	18.2	16.7	16.1	14.6	10.4	6.7	6.1	18.19	18.87	20.70	25.60	32.32	33.81	33.93
4	29	2	18.5	00	0	32	20	18.4	17.5	15.6	13.3	10.4	7.1	6.2	18.28	19.13	22.05	29.55	32.16	33.86	33.77
5	29	2	18.6	32	47	00	0	18.7	18.5	15.7	13.2	10.9	7.4	6.7	18.32	18.45	21.35	30.35	31.96	33.63	33.71
6	27	3	16.0	36	50	34	67	18.6	18.4	15.4	12.4	10.2	7.5	6.8	18.90	19.19	25.25	30.90	32.82	33.65	33.66
7	20	3	15.5	29	20	32	33	17.5	16.3	14.9	13.6	13.2	8.5	6.5	20.00	20.70	28.20	31.45	31.89	33.38	33.81
8	27	4	15.0	27	27	32	50	16.5	16.5	12.9	11.9	11.5	8.0	6.7	21.50	21.50	30.15	31.25	31.95	33.43	33.68
9	27	6	13.5	00	0	23	40	16.3	14.9	14.2	13.3	10.0	7.5	6.6	22.90	26.00	30.75	31.70	32.70	33.54	33.73
10	25	4	13.5	36	17	32	47	16.3	16.3	12.6	13.3	10.7	7.5	7.1	22.50	22.50	30.30	31.45	32.47	33.53	33.67
11	20	2	13.7	09	33	11	43	16.2	16.2	13.9	12.6	12.5	8.5	7.3	22.62	22.70	28.26	31.00	32.01	33.31	33.59
12	27	7	12.1	23	13	16	40	15.5	15.5	15.5	12.5	11.0	8.1	7.2	22.95	22.90	22.95	31.50	32.48	33.47	33.58
13	16	3	15.5	23	33	18	50	15.5	15.5	15.5	14.1	13.7	10.9	8.1	23.15	26.95	28.00	30.70	32.62	33.20	33.42
14	36	1	15.5	11	33	14	60	16.0	16.0	15.8	13.1	13.5	10.9	9.4	21.15	21.85	24.50	29.80	31.69	32.53	33.42
15	18	5	16.0	18	50	36	13	15.9	15.7	15.4	14.1	13.7	11.3	9.2	24.70	24.75	26.55	30.70	32.08	32.59	33.38
16	20	6	15.0	18	57	18	74	16.0	16.0	15.5	15.2	14.3	13.7	10.1	21.70	21.70	28.45	31.10	32.03	32.27	33.13
17	25	4	14.0	16	37	16	63	16.0	16.0	15.5	15.2	14.0	13.1	9.2	21.20	21.20	27.80	31.20	31.94	32.35	33.22
18	18	5	15.8	16	23	16	32	16.1	16.1	15.7	14.5	14.0	11.4	8.9	21.35	21.30	23.65	31.15	31.98	32.58	33.17
19	20	1	16.5	00	0	11	32	16.4	16.4	16.0	14.5	13.5	11.7	9.8	20.70	20.85	22.05	30.45	31.74	32.70	32.98
20	29	7	14.9	32	42	32	27	16.4	16.4	16.1	15.5	13.4	11.7	11.1	21.45	21.50	26.00	29.35	31.53	32.45	32.75
21	32	5	14.8	09	25	05	9	16.0	15.7	15.5	14.9	14.3	12.6	10.0	22.73	26.12	29.61	31.15	31.77	32.53	32.98
22	23	2	15.2	27	17	00	0	16.3	15.8	15.2	14.4	14.0	12.4	10.6	23.40	27.60	30.15	31.25	31.88	32.51	32.95
23	00	0	17.2	18	28	00	0	16.6	15.9	15.7	15.2	14.9	12.8	11.6	24.60	28.95	30.90	31.15	31.67	32.42	32.77
24	16	2	17.5	16	43	16	23	17.3	16.6	15.6	15.9	14.5	12.9	11.2	22.40	24.10	28.90	28.85	31.44	32.30	32.64
25	20	5	17.3	16	42	16	23	17.4	17.4	16.3	15.3	14.8	13.0	10.2	25.45	25.50	27.15	28.50	30.20	31.96	32.87
26	29	6	14.2	14	16	00	0	17.0	17.0	16.1	16.4	16.0	11.1	7.5	24.35	24.30	27.65	29.30	30.62	32.87	33.46
27	05	5	15.4	16	28	29	15	16.5	16.2	16.4	16.3	15.1	11.6	9.0	25.05	26.45	29.60	30.25	31.40	32.91	33.22
28	07	2	14.2	25	11	25	14	16.5	16.5	16.0	15.2	14.3	11.6	9.4	24.55	26.75	30.30	30.90	31.65	32.70	33.09
29	05	1	17.2	20	15	20	25	16.9	17.1	16.3	16.0	14.8	12.8	10.6	23.40	24.20	30.45	30.65	31.14	32.52	32.84
30	07	3	16.9	20	26	16	19	17.1	17.1	16.6	16.3	16.0	11.9	10.7	23.60	23.80	38.90	30.15	30.84	32.53	32.83
31	07	2	19.6	16	24	18	16	17.5	17.5	16.4	16.3	15.8	13.3	9.1	22.90	23.45	26.95	29.75	30.90	32.23	33.17
M		3	15.9					16.8	16.5	15.5	14.5	13.3	10.4	8.6	21.95	22.95	26.81	30.25	31.77	32.92	33.33



Datum	Vind		Luft- temp.	Ström från		Vattnets temperatur i °C							Vattnets saltinhalt i ‰							
	Riktn. Styrka	Riktn. em/sek.		Riktn. em/sek.	Riktn. em/sek.	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	
1	11	4	18.0	16	52	17.3	17.3	16.5	16.6	16.5	13.1	7.9	23.20	23.84	26.88	29.81	29.96	32.26	33.39	
2	16	3	16.6	16	42	17.6	17.6	17.0	16.0	15.0	11.9	6.9	22.40	22.60	24.80	27.95	29.97	32.38	33.94	
3	25	1	18.8	0	0	17.5	17.5	17.5	16.3	14.9	12.2	6.9	22.10	22.05	23.45	26.60	29.71	32.40	34.20	
4	05	3	18.5	16	33	17.8	17.8	17.7	16.6	15.6	12.1	7.0	21.60	21.70	22.35	26.75	29.59	32.33	34.15	
5	14	4	17.7	18	29	16	19.0	19.0	17.2	16.3	15.0	12.0	6.4	19.95	20.25	24.70	28.10	30.64	33.22	34.72
6	18	2	19.0	18	23	18	19	18.6	18.5	17.5	16.7	10.0	6.8	20.15	20.00	22.60	26.90	29.68	33.28	34.52
7	36	1	19.0	0	0	19.1	19.1	17.6	16.8	15.2	10.0	7.3	20.65	21.15	21.95	26.90	30.77	33.15	34.33	
8	09	3	18.4	0	0	19.0	18.8	17.6	16.6	15.3	12.7	7.8	19.80	20.85	20.60	27.55	30.65	33.10	34.33	
9	25	6	15.2	34	26	34	37	18.5	18.5	18.5	16.9	15.1	9.3	20.70	20.70	26.80	31.32	33.80	34.16	
10	20	5	15.0	23	25	32	8	18.0	17.9	17.5	17.0	9.9	8.0	21.35	22.35	24.35	26.10	30.53	33.48	34.53
11	20	4	15.5	16	79	16	61	17.7	16.8	16.5	16.2	14.6	11.4	21.97	26.99	29.71	32.33	32.55	33.88	34.09
12	25	5	15.7	16	71	16	62	17.1	16.9	16.0	14.0	12.4	11.5	24.70	26.45	29.80	32.05	32.67	33.72	33.94
13	25	5	15.3	14	40	14	33	17.9	17.3	16.4	16.6	15.1	12.9	20.60	25.50	30.80	32.30	32.78	33.50	33.77
14	25	3	15.3	20	50	23	19	17.0	16.6	16.3	16.4	16.4	13.2	25.30	27.25	29.50	32.15	32.83	33.36	33.83
15	20	2	15.2	16	62	16	46	17.0	17.0	16.2	16.5	16.0	14.9	23.75	25.85	31.90	32.60	32.86	33.45	33.72
16	09	2	14.2	18	61	20	46	17.1	16.5	16.7	16.3	16.1	15.0	22.85	22.60	28.35	32.35	32.77	33.28	33.64
17	25	4	14.4	14	21	14	13	17.0	16.5	16.7	15.6	15.3	13.0	21.85	25.85	31.35	32.45	33.04	33.50	33.67
18	09	5	16.0	14	65	14	22	16.9	16.6	15.9	15.8	15.4	13.3	22.40	25.00	31.55	32.55	33.01	33.37	33.58
19	20	5	13.7	20	48	18	13	16.5	16.6	16.2	16.2	15.9	14.7	24.45	24.65	29.65	32.05	32.88	33.35	33.47
20	16	3	13.9	16	54	16	37	16.5	16.4	16.4	16.4	16.2	13.7	24.50	24.95	26.35	29.15	31.96	33.38	33.85
21	23	1	14.4	23	48	32	40	16.3	16.1	16.3	16.4	16.3	14.3	24.42	26.06	26.86	27.87	29.29	33.50	33.98
22	14	4	13.5	16	30	0	0	16.7	16.7	16.4	16.5	16.2	13.5	22.40	25.10	25.85	27.20	29.92	33.37	34.30
23	14	1	17.2	23	13	00	0	16.5	16.7	16.6	16.5	15.2	14.2	22.35	23.40	24.45	26.15	30.43	33.54	33.94
24	20	1	15.3	23	19	29	8	16.7	16.9	16.6	16.4	16.1	15.5	22.10	22.35	24.65	27.85	31.23	33.45	33.77
25	27	3	14.1	16	46	18	17	16.4	16.3	16.2	16.4	16.2	15.1	23.40	24.74	25.60	28.50	31.33	33.31	33.79
26	27	6	14.4	20	50	20	41	16.3	16.3	16.5	16.2	15.9	15.8	24.20	24.30	25.50	30.15	32.69	33.41	33.67
27	20	7	15.6	20	54	20	34	16.3	16.6	16.5	16.2	16.0	14.8	22.45	22.40	23.05	27.90	31.52	33.43	33.85
28	25	4	14.2	18	25	32	20	16.0	16.2	16.2	16.1	15.9	15.8	24.60	25.30	28.85	29.40	30.75	32.86	33.63
29	14	2	12.5	16	92	16	28	16.5	16.1	16.3	16.2	16.1	16.1	20.65	26.70	31.90	32.60	33.02	33.11	33.52
30	32	1	13.4	14	64	14	53	15.8	15.9	16.3	16.0	16.0	15.8	24.10	27.15	29.20	31.85	33.01	33.43	33.52
31	11	2	14.8	14	37	14	43	16.2	16.5	16.0	16.0	15.7	15.5	22.35	25.50	28.65	31.50	32.85	33.23	33.48
M		3	15.6					17.2	17.1	16.7	16.3	15.6	13.3	22.49	23.99	26.64	29.50	31.49	33.25	33.91

# VINGA

57° 34' N

11° 36' E

September

Observer: B. H. NILSSON, G. GROTHEN, N. PEHRSSON, E. STROM

1963

Datum	Vind		Lufttemp.	Ström från		Vattnets temperatur i °C						Vattnets saltinhåll i ‰								
	Riklin.	Sstyrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	
1	07	3	14.3	16	32	18	16.4	16.3	16.1	15.9	15.7	14.3	20.92	20.88	26.41	31.23	32.48	33.33	33.57	
2	00	0	15.5	00	0	00	0	16.4	16.4	16.2	16.0	15.5	21.00	21.15	24.70	30.10	32.49	33.28	33.63	
3	20	4	15.6	20	15	18	16.5	16.5	16.1	15.8	15.3	13.4	20.45	20.45	22.95	28.60	31.64	33.45	33.61	
4	20	5	15.2	00	0	34	16.7	16.7	16.4	15.6	15.5	12.8	20.75	20.65	20.95	24.75	30.17	33.18	33.55	
5	20	3	13.5	23	10	00	0	16.4	16.4	16.5	15.6	15.4	20.60	20.55	21.70	23.30	29.89	33.27	33.88	
6	05	1	14.0	00	0	00	0	16.5	16.5	16.6	16.5	16.0	20.50	20.70	21.10	23.00	29.53	33.47	33.77	
7	25	4	14.0	25	27	32	16.3	16.3	16.6	16.4	16.0	15.7	20.45	20.30	21.75	24.55	32.27	33.27	34.15	
8	23	4	14.5	23	47	27	40	15.5	15.7	16.2	16.0	15.6	24.60	25.35	26.05	31.25	32.22	33.18	33.88	
9	18	7	15.3	20	67	25	50	16.0	15.9	15.8	15.7	15.8	21.75	21.75	22.60	23.75	28.65	33.06	33.82	
10	23	6	14.7	25	33	00	0	15.8	15.8	15.8	15.9	14.9	20.80	20.70	20.70	20.80	27.72	33.27	33.79	
11	25	3	13.6	32	63	32	74	15.3	15.3	15.4	15.5	13.9	21.30	21.54	23.55	23.63	25.51	33.57	33.87	
12	27	1	14.0	25	33	25	20	15.5	15.8	15.3	15.8	14.1	20.60	20.80	22.60	25.90	29.18	33.50	33.89	
13	25	3	13.8	25	67	25	77	15.0	15.0	15.0	15.3	15.5	23.10	25.60	25.40	28.40	31.08	33.14	33.83	
14	23	8	14.2	29	74	29	77	15.1	15.1	15.0	15.2	13.0	23.85	24.05	25.60	27.90	32.52	33.66	33.83	
15	27	7	14.0	36	33	00	0	14.8	14.8	15.1	15.0	11.6	25.15	25.00	28.45	29.50	31.78	33.82	33.81	
16	23	6	14.2	29	50	27	37	15.1	15.1	15.2	15.2	14.8	29.60	29.80	30.45	30.55	31.24	32.92	33.77	
17	20	3	13.7	00	0	00	0	15.0	15.0	15.1	15.1	14.2	29.00	28.90	30.70	30.90	31.44	32.96	33.72	
18	25	5	14.5	16	20	00	0	15.0	15.2	15.1	15.4	13.9	25.35	28.75	30.75	31.90	32.38	32.93	33.57	
19	09	5	10.4	14	40	00	0	14.5	15.1	15.2	15.2	14.0	23.70	28.80	29.75	31.25	32.82	33.46	33.59	
20	14	5	10.2	16	18	11	30	13.9	14.3	15.2	15.4	13.0	26.15	27.15	30.30	31.35	32.16	33.46	33.57	
21	14	4	12.0	14	0	16	50	14.3	14.4	14.7	15.2	15.1	24.00	24.10	24.80	29.15	31.53	33.16	33.46	
22	14	2	12.6	18	7	16	18	14.6	14.5	14.9	15.1	13.5	21.77	23.01	25.75	27.88	31.01	32.73	33.58	
23	25	4	13.9	27	30	32	22	14.5	14.5	14.6	15.2	15.2	22.10	22.95	24.60	27.95	29.95	33.57	33.98	
24	18	5	14.5	23	17	14	13	14.5	14.5	14.8	15.2	15.2	22.50	22.45	24.10	27.75	29.91	33.58	34.02	
25	18	6	15.0	18	53	18	40	14.9	14.8	15.0	15.2	14.7	22.60	22.60	22.65	25.15	28.51	32.77	33.70	
26	23	6	12.2	23	25	29	30	14.3	14.3	14.7	14.7	8.3	22.90	22.95	23.90	24.20	31.72	33.05	34.56	
27	25	2	11.0	25	37	36	40	14.2	14.2	14.2	14.2	10.0	22.95	23.10	23.10	23.20	27.65	32.90	34.25	
28	32	8	12.2	05	18	34	16	13.8	13.8	14.2	14.5	11.8	23.85	24.30	24.60	31.00	31.85	33.25	34.35	
29	32	8	10.8	32	53	32	55	13.5	13.5	13.8	13.8	13.7	27.30	27.35	32.75	32.80	33.20	33.30	33.55	
30	32	5	10.2	32	33	34	37	13.1	13.2	13.8	13.7	12.6	27.95	28.25	33.10	33.05	33.10	33.30	33.60	
31																				
M		5	13.5					15.1	15.2	15.3	15.4	12.6	23.25	23.80	25.53	27.82	30.85	33.26	33.81	

Datum	Vind		Luft-temp.	Ström från						Vätnets temperatur i °C						Vätnets salthalt i ‰						m	
	Rikt.	Styrka		0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m		20 m
1	27	7	11,0	29	33	33	13,0	13,0	13,6	13,6	13,6	13,6	13,7	13,7	13,6	32,90	33,05	32,90	33,05	33,05	33,05	33,15	33,40
2	11	4	9,7	11	25	11	13,0	13,1	13,3	13,2	13,2	13,2	13,3	13,5	13,4	31,40	32,10	32,30	32,75	33,05	33,15	33,15	33,30
3	29	6	10,3	18	40	16	50	12,6	12,9	13,2	13,1	13,1	13,5	13,7	13,4	26,70	27,35	29,65	30,10	31,85	32,75	33,20	33,20
4	23	4	12,1	18	67	16	50	12,5	13,0	13,1	13,2	13,3	13,3	13,2	12,7	22,85	26,05	28,25	30,85	32,15	32,80	33,30	33,30
5	25	5	9,4	18	37	16	50	12,2	12,4	12,9	13,2	13,2	13,4	12,7	12,6	22,40	23,90	27,70	30,25	32,35	32,95	33,50	33,50
6	23	3	9,8	16	40	16	33	12,2	12,4	12,6	13,2	13,2	13,2	12,6	12,6	21,20	24,75	26,25	30,00	32,10	33,15	33,55	33,55
7	14	2	8,4	11	17	11	13	11,9	12,0	12,6	13,2	13,2	13,3	13,0	12,6	21,15	21,65	25,65	30,40	32,30	33,05	33,45	33,45
8	23	4	11,2	14	38	14	39	12,2	12,3	12,6	13,3	13,2	13,2	13,3	13,3	23,75	25,80	28,95	30,35	32,05	32,95	33,30	33,30
9	25	8	11,0	14	52	14	31	12,3	12,3	12,4	12,8	13,0	13,3	12,9	12,9	25,50	25,75	27,15	29,85	30,95	32,65	33,35	33,35
10	23	8	10,6	00	0	00	0	12,2	12,2	12,7	12,8	13,0	13,0	12,6	12,6	26,40	26,45	28,35	30,35	32,40	32,50	33,15	33,15
11	27	6	11,5	32	16	18	24	12,0	12,0	12,6	12,7	12,7	12,8	12,0	12,0	27,70	27,80	32,10	32,45	32,45	32,65	33,75	33,75
12	29	7	11,1	36	37	34	26	12,2	12,2	12,4	12,7	12,7	12,7	12,7	12,7	30,15	30,00	30,75	32,25	32,70	32,85	33,50	33,50
13	20	6	11,5	20	40	20	20	12,6	12,6	12,6	12,6	12,6	12,7	12,7	12,7	31,95	31,90	31,95	32,00	32,30	32,53	32,82	32,82
14	34	7	7,2	05	42	05	15	11,9	12,0	12,5	12,5	12,5	12,7	12,6	12,6	29,55	30,00	31,95	32,10	32,41	32,76	33,22	33,22
15	05	1	8,7	16	23	16	33	10,7	11,9	12,1	12,4	12,4	12,5	12,5	12,5	27,45	30,25	30,95	32,10	32,62	32,89	33,08	33,08
16	20	7	10,5	18	37	18	33	12,1	12,1	12,0	12,1	12,3	12,4	12,6	12,6	31,85	31,90	32,00	32,00	32,33	32,50	32,76	32,76
17	20	3	10,1	16	63	16	71	11,4	11,6	11,5	12,1	12,3	12,2	12,3	12,3	27,85	28,40	29,35	31,00	31,89	32,39	32,73	32,73
18	27	5	9,9	16	45	16	50	10,9	11,0	11,5	12,2	12,3	12,3	12,3	12,3	24,30	26,15	28,25	30,90	31,85	32,47	33,12	33,12
19	23	5	11,0	18	71	18	60	10,9	11,0	11,8	11,9	12,1	12,3	12,3	12,3	23,25	23,50	29,80	30,40	31,53	32,62	32,95	32,95
20	16	4	10,7	16	65	16	35	10,8	10,8	11,5	11,8	12,1	12,3	12,2	12,2	21,20	21,25	28,15	29,85	31,50	32,53	32,91	32,91
21	29	4	10,6	11	34	11	17	10,8	10,9	11,4	11,6	11,9	12,2	12,3	12,3	22,39	23,97	28,26	29,39	30,51	32,16	33,19	33,19
22	23	5	11,1	16	54	16	46	11,3	11,3	11,5	11,5	11,7	12,3	12,3	12,3	24,75	27,35	28,90	29,40	30,64	31,91	33,02	33,02
23	25	1	10,9	18	23	20	13	10,8	11,1	11,3	11,6	11,9	12,1	12,0	12,0	23,60	25,50	28,75	30,10	31,51	32,62	33,33	33,33
24	18	4	10,7	16	47	16	42	10,8	11,3	11,3	11,6	11,8	12,2	12,2	12,2	24,50	27,20	28,25	29,75	30,58	31,97	32,87	32,87
25	18	3	10,0	16	43	16	30	10,9	11,1	11,2	11,4	11,8	12,1	12,2	12,2	24,50	25,80	27,10	29,00	30,47	31,71	32,89	32,89
26	20	2	9,2	16	54	16	48	10,9	11,0	11,0	11,0	11,6	12,0	12,2	12,2	24,75	26,20	27,55	28,50	29,84	31,25	32,66	32,66
27	27	3	9,1	11	37	11	30	10,7	11,0	11,1	11,2	11,7	12,1	12,2	12,2	23,35	25,70	26,80	27,70	29,87	31,75	32,97	32,97
28	23	5	9,5	23	52	20	57	10,9	10,9	11,0	10,7	11,0	12,2	12,2	12,2	25,50	25,50	26,10	27,15	29,22	31,97	32,86	32,86
29	32	4	8,7	18	8	11	13	10,7	10,7	10,7	11,0	11,5	12,1	12,2	12,2	25,20	25,20	25,25	25,90	28,98	31,98	32,96	32,96
30	14	3	5,6	16	37	16	43	10,2	10,7	11,1	11,6	11,6	12,0	12,1	12,1	23,55	25,15	25,60	27,20	30,10	32,01	32,98	32,98
31	14	5	6,8	18	48	16	52	9,8	9,8	10,2	11,2	11,3	11,9	12,0	12,0	21,80	23,10	25,00	25,70	29,02	31,76	32,98	32,98
M		5	9,9					11,5	11,7	12,0	12,2	12,4	12,6	12,6	12,6	25,47	26,61	28,71	30,09	31,44	32,46	33,13	33,13

Datum	Vind		Luft-temp.		Ström från		Vattnets temperatur i °C						Vattnets salthalt i ‰									
	Rikt.	Styrka	0 m	30 m	Rikt.	cm/ssek.	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m		
1	09	4	6.8	14	47	14	27	9.6	9.9	10.1	11.0	11.3	12.0	11.9	22.56	22.35	23.33	24.89	26.35	30.97	33.55	
2	09	3	8.1	18	23	00	0	9.8	9.9	10.2	10.2	10.3	11.7	9.4	21.85	22.55	24.05	24.35	25.87	31.80	34.74	
3	02	2	8.7	34	30	34	40	10.0	10.2	10.3	10.6	10.5	11.6	9.8	23.25	24.40	24.60	25.15	26.48	32.96	34.74	
4	05	3	6.0	14	23	14	33	8.9	9.8	10.0	10.2	11.6	11.8	10.3	18.44	21.55	23.50	25.10	30.46	32.90	34.42	
5	11	4	6.5	14	43	14	33	9.2	10.0	10.2	10.8	12.0	11.9	11.6	20.45	21.95	23.30	26.35	30.39	32.15	33.52	
6	14	4	7.5	11	30	14	33	9.5	9.6	9.8	10.5	11.5	11.9	9.0	22.70	23.05	23.55	25.35	29.08	32.18		
7	11	4	8.0	16	23	00	0	9.5	9.5	9.7	10.2	10.9	12.0	8.5	23.00	23.05	23.80	24.80	27.39	31.93	34.69	
8	18	6	9.0	18	20	00	0	9.4	9.4	9.5	10.1	10.4	12.0	7.8	22.75	22.65	22.90	24.55	26.46	31.96	34.97	
9	25	6	8.7	32	50	32	67	9.5	9.5	9.6	9.7	9.9	10.9	7.9	23.65	23.60	23.90	24.20	24.92	32.91	35.00	
10	32	4	7.2	02	40	05	50	8.8	9.5	10.0	10.3	10.6	7.9	7.5	22.05	23.55	25.70	26.25	30.68	35.00	35.10	
11	09	6	4.7	14	37	09	23	9.1	9.4	10.3	10.4	9.5	8.5	8.0	27.50	29.17	32.06	32.53	34.13	34.85	35.00	
12	14	4	9.0	14	57	14	50	9.0	9.1	9.1	10.2	11.6	10.3	8.7	25.15	25.35	26.20	29.00	31.38	34.58		
13	18	9	7.5	14	57	14	50	9.1	9.1	9.1	9.1	10.2	11.1	8.7	23.90	23.80	23.80	23.90	26.82	32.71	34.46	
14	23	9	7.0	27	67	32	50	9.2	9.2	9.2	9.2	10.4	8.3	8.3	24.75	24.75	24.70	24.70	24.88	32.17	34.84	
15	23	5	7.6	23	77	23	67	9.2	9.2	9.5	9.7	9.9	10.1	9.9	27.55	27.75	28.75	30.65	32.44	33.11	33.69	
16	34	3	4.7	16	47	18	33	9.0	9.2	9.9	10.0	10.1	10.1	9.8	28.40	30.00	31.15	32.85	33.25	33.57	33.78	
17	27	5	6.2	23	23	00	0	8.1	8.7	9.0	9.3	9.9	9.8	9.4	23.35	25.30	27.95	29.90	32.47	33.74	34.19	
18	14	7	5.5	16	50	18	33	8.1	8.2	9.3	9.8	10.0	9.8	9.4	25.05	25.20	29.60	31.75	33.20	33.73	34.00	
19	27	6	7.5	11	23	32	33	8.7	8.7	9.1	9.3	9.5	10.1	9.9	26.75	27.15	29.95	31.30	32.47	33.23	33.53	
20	07	3	3.8	14	40	00	0	7.8	8.6	9.3	9.5	9.7	9.9	9.8	22.95	26.35	30.95	31.85	32.57	33.24	33.45	
21	32	9	5.4	34	83	36	77	9.2	8.9	9.7	9.8	10.2	10.4	9.8	30.09	30.16	32.68	32.83	33.27	33.44	33.64	
22	32	9	7.0	29	50	32	33	9.0	9.0	9.0	9.0	9.0	9.8	9.9	31.25	31.25	31.25	31.50	33.05	33.27		
23	36	6	3.3	05	43	07	23	8.5	8.5	8.9	9.7	10.1	10.1	9.8	29.30	29.20	30.65	32.30	33.20	33.59	33.87	
24	11	6	1.5	14	30	16	40	8.4	8.4	8.5	8.9	9.8	10.1	10.1	30.55	30.50	30.70	31.30	32.81	33.24	33.60	
25	14	5	4.7	16	33	16	53	8.0	8.0	8.1	8.2	8.5	8.4	9.7	29.85	29.85	30.15	30.20	30.90	31.45	32.81	
26	18	4	7.8	16	40	16	23	7.6	7.8	7.8	7.8	8.1	8.3	9.2	28.05	28.50	28.65	28.90	30.26	30.93	31.88	
27	07	6	4.5	14	53	14	37	7.4	7.6	7.6	8.0	8.1	8.9	10.0	26.45	26.60	27.60	28.95	29.98	31.60	33.35	
28	14	4	5.3	18	20	18	27	7.3	7.2	7.5	7.6	8.1	8.3	9.2	25.65	25.75	26.50	27.10	29.44	31.02	32.17	
29	18	3	6.8	16	40	16	37	7.5	7.6	7.6	7.6	7.9	8.3	10.0	24.40	24.80	25.90	27.35	28.85	30.96	33.38	
30	14	4	5.1	18	33	16	27	7.3	7.4	7.7	7.8	8.1	8.2	9.9	24.10	24.25	25.35	26.65	27.82	30.56	33.30	
31																						
M		5	6.4					8.7	8.9	9.2	9.5	9.9	10.2	9.4	25.16	25.63	27.11	28.21	29.99	32.58	33.91	

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C							Vattnets söihalt i ‰						
	Rikt.	Styrka		0 m	30 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m	0 m	5 m	10 m	15 m	20 m	30 m	40 m
1	11	4	4.2	20	20	0	7.2	7.2	7.7	7.8	8.1	10.0	24.17	24.17	24.17	26.25	27.18	29.95	33.44
2	14	3	3.6	0	0	0	6.9	6.9	7.5	7.6	8.1	10.1	24.10	24.10	24.10	25.20	26.67	29.56	33.85
3	05	3	2.0	34	27	36	6.9	6.9	7.5	7.6	9.1	10.0	24.00	24.00	24.00	25.15	26.10	32.09	34.35
4	05	3	1.0	07	20	05	6.0	6.4	7.0	7.5	9.9	10.0	23.45	23.55	23.80	24.10	25.96	33.91	34.41
5	36	2	0.7	14	13	00	5.3	6.8	7.0	7.6	10.0	9.9	21.15	23.75	24.10	24.60	26.98	33.86	34.43
6	18	3	2.5	18	13	00	4.6	6.7	7.2	7.9	9.8	9.9	19.85	23.25	23.65	25.55	27.82	33.92	34.43
7	05	4	2.3	05	13	00	5.4	5.5	6.9	7.3	8.0	9.8	21.50	21.75	24.40	26.05	32.42	33.79	34.39
8	29	5	4.0	32	23	18	4.2	5.0	6.2	7.0	9.0	10.0	20.35	21.45	23.95	24.75	32.09	34.33	34.68
9	23	3	3.5	00	0	16	20	4.4	6.2	6.4	7.6	9.4	21.30	23.10	23.85	26.90	32.36	34.00	34.28
10	36	3	1.4	09	20	14	4.5	4.7	6.4	7.7	8.5	9.8	21.30	21.40	24.15	27.00	30.30	33.71	33.89
11	29	2	4.6	09	8	00	4.3	5.5	7.0	7.7	8.2	9.8	21.16	23.20	24.69	27.60	32.12	33.56	34.03
12	36	6	-1.4	07	33	36	4.6	4.6	6.2	8.1	8.6	9.7	21.60	21.55	24.40	29.35	31.48	34.17	34.77
13	07	5	-3.5	16	20	16	4.5	4.5	7.9	8.5	9.1	9.5	22.95	22.90	28.15	31.15	32.97	34.35	34.85
14	32	3	3.5	27	10	00	4.5	4.6	7.8	8.7	9.3	9.6	23.30	23.50	27.50	30.80	32.73	33.72	34.12
15	05	3	-0.2	32	17	34	3.8	4.0	6.9	7.9	9.0	9.7	23.05	23.00	24.20	30.35	32.35	33.89	34.52
16	32	2	1.8	34	13	34	4.3	4.4	7.0	7.6	9.2	9.6	23.50	23.55	26.85	30.05	32.62	33.71	34.37
17	07	2	-2.2	34	25	36	3.7	4.2	7.8	8.5	9.3	9.2	23.65	23.90	28.90	30.65	33.02	34.44	34.87
18	23	7	-1.2	32	25	32	3.7	3.8	7.0	8.3	9.1	9.0	23.60	23.40	27.25	30.35	32.67	34.58	34.80
19	02	3	-3.3	36	20	34	3.4	3.4	3.8	8.5	9.2	9.4	23.80	23.80	24.50	31.20	32.94	34.51	34.90
20	36	5	-4.3	36	40	36	2.7	2.7	6.1	9.0	9.5	9.0	23.00	22.80	26.95	31.90	33.70	34.68	34.93
21	36	3	-6.4	29	10	32	13	2.1	3.8	7.2	9.2	9.4	23.41	23.98	29.18	33.06	34.06	34.58	34.94
22	25	6	0.0	23	27	18	2.6	2.6	4.5	8.1	9.2	9.3	23.50	24.10	25.25	30.75	32.86	34.21	34.75
23	23	4	1.2	23	15	16	2.3	2.3	5.2	8.4	9.1	9.6	23.85	23.85	25.85	30.65	32.18	33.75	34.54
24	23	6	1.6	16	23	14	2.8	2.8	6.6	8.6	9.4	9.0	23.30	23.30	23.90	27.45	31.43	33.85	34.65
25	18	5	-1.5	16	30	14	3.3	2.2	2.2	2.2	5.5	9.4	24.05	24.05	24.25	24.15	26.66	33.76	34.81
26	23	5	3.1	14	8	09	7	2.5	2.5	2.7	3.7	9.1	23.30	23.30	23.35	23.70	24.34	34.15	34.89
27	27	8	4.4	27	50	29	37	3.2	3.3	3.5	5.2	8.6	25.80	25.95	26.20	26.45	29.17	34.27	34.80
28	23	4	3.4	25	50	27	33	2.9	4.8	6.0	6.4	6.5	25.35	28.00	30.40	31.00	31.44	33.08	33.57
29	23	4	3.5	20	23	20	33	4.6	5.0	5.8	6.1	6.2	28.25	28.75	30.00	30.80	31.24	32.72	33.70
30	23	7	5.0	20	47	16	30	4.6	4.6	4.6	6.2	6.3	28.55	28.65	28.65	28.65	31.10	32.85	33.70
31	23	6	5.1	14	50	14	74	3.9	3.9	4.2	4.6	6.4	26.60	26.90	27.65	28.25	30.72	33.04	33.88
M	4	1.2					4.1	4.6	5.9	7.1	7.9	9.0	23.44	23.97	25.75	28.19	30.63	33.58	34.40

# BORNÖ STATION

58° 22' 51"

11° 35' 03" E

Januari

Observatör: OSKAR AKERMO

1963

# BORNÖ STATION

Januari

Datum	Vind		Lufttemp.		Vattnets temperatur i °C								Vattnets sölfhalt i ‰							
	Rikt.	Styrka	Rikt.	Styrka	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m	33 m	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m	33 m
1			-10.0		0.3	1.5	1.9	2.8	5.1	5.8	6.6	7.0	21.77	26.98	27.46	28.73	30.02	30.98	31.60	32.54
2			-4.5		-0.4	0.4	0.7	1.6	3.0	3.6	6.1	7.5	21.65	25.65	26.45	27.70	28.65	29.30	31.15	32.45
3			-10.0		-0.6	-0.3	0.1	0.7	1.6	2.1	5.0	7.3	14.40	24.95	25.55	26.55	27.15	28.25	30.30	32.75
4			-3.5		-0.6	-0.5	0.6	0.5	1.3	2.9	7.3	7.3	12.30	25.25	25.45	26.10	27.00	28.85	32.10	32.55
5			-3.7		-0.5	-0.3	0.2	0.6	2.1	4.4	7.1	7.3	11.10	25.15	25.40	26.20	27.85	29.75	31.65	32.70
6			-16.2		-1.0	-0.2	0.5	3.1	7.7	7.3	7.3	7.0	16.10	25.40	26.30	28.95	32.65	32.85	33.30	33.65
7			-14.5		-0.5	-0.3	0.3	1.8	6.3	7.2	7.5	7.6	20.85	25.25	25.80	27.60	31.20	32.45	33.20	33.65
8			-15.0		-0.6	-0.4	0.3	1.9	7.0	7.2	7.5	7.3	13.65	25.50	25.95	27.65	31.70	32.60	33.35	33.75
9			-17.0		-1.3	-0.5	-0.4	1.0	3.6	7.1	7.3	7.2	14.05	25.15	25.80	26.80	29.45	32.65	33.10	33.60
10			-17.0		-1.4	-1.0	-0.5	1.0	6.3	7.1	7.0	7.1	10.87	25.50	25.65	26.75	31.57	32.67	33.38	33.86
11			-14.0		-0.8	-0.5	-0.4	0.8	6.3	7.3	7.6	7.1	9.41	25.45	25.55	26.60	31.30	32.95	33.60	34.10
12			-16.0		-0.4	-0.3	-0.1	0.8	6.2	7.3	7.7	7.5	10.19	25.45	25.80	26.70	31.40	32.75	33.70	34.10
13			-11.0		-0.5	-0.5	-0.2	0.8	6.1	7.2	7.1	7.5	11.09	25.00	25.95	26.50	31.90	33.20	33.75	34.20
14			-14.5		-0.8	-0.1	0.6	5.8	7.5	7.1	7.3	7.2	11.60	25.40	26.60	32.30	33.75	34.05	34.25	34.45
15			-12.5		-1.4	-0.4	7.0	7.0	7.4	7.4	7.3	7.3	15.03	26.35	32.15	33.60	34.10	34.40	34.40	34.70
16			-17.0		-0.8	5.0	7.4	7.2	7.3	7.4	7.4	6.5	16.33	29.50	33.50	33.95	34.40	34.60	34.70	34.80
17			-9.5		-0.7	6.9	6.9	7.3	7.4	7.3	7.2	6.7	13.86	32.75	33.35	34.20	34.55	34.65	34.95	34.85
18			-1.8		-0.6	6.9	7.3	7.4	7.3	7.1	6.7	6.8	13.36	33.00	33.60	34.40	34.55	34.80	34.75	34.80
19			-9.0		-1.3	6.6	7.2	7.3	7.3	7.0	6.9	6.6	17.21	33.05	33.60	34.45	34.55	34.45	34.70	34.80
20			-13.0		-0.6	6.9	7.4	7.4	7.3	6.7	6.7	6.7	5.82	33.26	34.15	34.47	34.67	34.66	34.72	34.74
21			-12.4		-0.6	7.0	7.4	7.4	7.0	6.8	6.8	6.6	6.03	33.50	34.25	34.60	34.70	34.65	34.90	34.85
22			-12.0		-0.2	7.0	7.2	7.3	6.6	6.9	6.9	6.6	7.09	33.60	33.90	34.65	34.75	34.70	34.85	34.90
23			-3.0		0.3	7.0	7.2	7.3	6.7	6.7	6.9	6.8	9.29	33.10		34.05	34.75	34.70	34.85	34.70
24			-1.8		-0.1	4.6	7.2	7.4	7.2	6.6	6.5	6.7	5.30	32.50	33.95	34.50	34.75	34.85	34.90	34.80
25			0.0		-0.2	3.9	4.1	5.1	5.5	7.3	7.2	6.4	6.04	32.00	32.40	33.40	33.75	34.40	34.80	34.95
26			-9.8		0.0	4.2	4.6	5.7	6.0	6.6	7.1	6.6	7.42	31.70	32.50	33.10	33.50	34.00	34.35	34.85
27			-7.5		0.0	3.7	3.5	5.1	5.6	6.4	7.2	6.6	5.43	32.05	32.20	32.85	33.25	33.95	34.75	34.75
28			-1.5		-0.1	2.7	3.2	4.3	4.9	5.3	6.1	6.8	5.45	31.25	31.85	32.55	32.85	33.30	33.65	34.80
29			-3.5		0.0	1.8	2.5	3.0	3.7	4.7	5.4	7.3	5.16	30.35	31.40	31.90	32.45	32.80	33.35	34.65
30			-6.0		0.0	0.8	1.4	2.1	3.5	3.3	3.8	7.1	3.72	29.45	29.70	30.95	31.85	32.25	32.50	34.35
31			-9.6		-0.5	2.4	3.2	4.1	5.7	6.2	6.8	7.0	11.39	28.78	29.52	30.76	32.30	33.02	33.65	34.15
M																				

# BORNÖ STATION

Februari

# BORNÖ STATION

58° 22' 51"

11° 35' 03" E

Februari

Observatör: OSKAR AKERMO

1963

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C										Vattnets salthalt i ‰									
	Rikt.	Styrka		Rikt.	Styrka	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m	33 m	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m	33 m				
1			-11.0			-0.4	0.3	1.0	1.8	2.8	3.6	4.9	6.7	8.98	29.63	30.10	30.64	31.29	32.13	32.84	34.62				
2			-7.8			-0.2	1.4	1.6	2.8	3.7	3.7	6.0	6.8	3.38	30.00	30.25	31.45	32.35	32.75	33.50	34.50				
3			-7.2			0.0	1.4	1.9	3.6	4.1	5.1	5.7	6.8	3.14	30.15	30.65	32.15	32.65	33.35	33.70	34.35				
4			-6.0			0.0	1.7	3.2	3.9	5.2	5.8	6.4	6.2	3.36	30.55	32.00	32.45	33.20	33.60	34.05	34.30				
5			-14.0			0.1	2.4	3.4	4.8	5.7	5.9	6.2	6.6	3.49	31.40	31.65	33.05	33.60	33.85	33.85	34.25				
6			-9.0			0.0	3.2	4.0	5.1	5.9	6.4	6.6	6.7	5.49	32.10	33.30	33.30	33.75	33.95	34.15	34.35				
7			-7.5			-0.1	3.6	3.6	5.0	5.4	6.1	6.2	6.6	4.03	32.35	32.35	33.35	33.55	33.90	34.10	34.25				
8			-7.5			0.0	1.3	2.0	3.7	4.3	5.1	5.8	6.5	5.38	30.25	31.30	32.40	32.75	33.25	33.75	34.15				
9			-6.5			-0.1	0.8	0.8	2.3	3.4	3.9	4.9	6.2	4.72	30.90	30.90	31.95	32.20	32.50	33.05	34.00				
10			-5.0			-1.4	1.4	-1.2	0.5	1.3	2.3	2.7	5.9	27.90	27.95	28.40	30.25	31.20	31.75	32.30	33.75				
11			-4.0			-1.2	-1.4	-1.4	-0.9	0.1	0.6	1.7	5.4	27.60	27.54	27.61	28.38	29.63	30.61	31.38	33.46				
12			-4.0			-1.3	1.4	-1.4	-1.3	-1.2	-0.8	0.7	5.1	26.85	26.75	27.10	27.80	28.00	28.65	30.80	33.30				
13			-5.6			-1.3	-1.3	-1.4	-1.3	-1.4	-1.1	0.6	5.6	24.20	24.10	26.05	27.20	27.50	28.10	30.50	33.60				
14			-4.5			-1.3	-1.3	-1.3	-1.3	-1.2	1.0	3.3	6.1	24.00	23.85	25.05	26.95	27.70	30.95	32.20	34.00				
15			-7.0			-1.3	-1.3	-1.3	-1.3	0.3	2.8	4.9	6.1	24.15	24.25	25.95	27.35	29.90	31.90	32.95	33.95				
16			-9.5			-1.5	-1.4	-1.4	-1.2	0.8	3.9	5.7	6.2	24.05	24.40	26.40	27.60	30.55	32.40	33.65	34.10				
17			-7.0			-1.3	-1.3	-1.3	-1.3	-0.2	3.1	5.9	6.4	24.15	24.50	25.65	27.30	28.90	32.00	33.65	34.10				
18			-17.0			-1.2	1.1	-1.2	-0.9	3.2	5.9	5.9	6.6	24.20	24.80	25.25	25.75	32.15	33.65	34.00	34.35				
19			-20.5			-1.1	-1.2	-1.3	-0.5	3.8	5.8	6.2	6.6	24.30	24.55	26.40	29.10	32.40	34.05	34.25	34.45				
20			-23.5			-1.3	-1.3	-1.2	-1.1	2.6	5.3	6.2	6.7	24.35	24.60	26.45	27.70	31.85	33.50	34.05	34.40				
21			-14.0			-1.2	-1.3	-1.3	-1.2	0.7	5.0	6.0	6.6	24.40	24.60	26.35	27.60	30.55	33.15	34.00	34.35				
22			-5.8			-1.2	-1.3	-1.2	-1.2	-0.7	3.2	6.1	6.6	24.41	24.43	25.63	27.08	28.57	32.10	33.99	34.56				
23			-4.0			-0.9	-1.2	-1.3	-1.3	-0.8	3.7	6.1	6.3	24.75	24.50	25.80	27.35	28.30	32.50	34.25	34.75				
24			-9.0			-0.3	-1.2	-1.3	-1.3	-0.8	3.3	6.0	6.7	24.45	24.65	26.00	26.80	28.65	32.30	33.95	34.45				
25			0.2			-1.2	-1.2	-1.1	-1.2	-0.6	5.0	6.3	6.7	24.45	24.55	25.35	26.65	28.30	33.20	34.20	34.50				
26			-2.0			-1.3	-1.2	-1.3	-1.3	0.4	5.6	6.4	6.6	24.40	24.40	25.80	26.55	30.00	33.50	34.30	34.70				
27			0.0			-1.2	-1.2	-1.1	-1.2	-0.9	2.5	6.0	6.5	24.50	24.65	25.45	26.65	28.10	31.60	33.70	34.30				
28			-14.5			-1.5	-1.4	-1.3	-1.3	-0.6	5.3	6.4	6.6	24.65	24.60	25.60	26.35	28.85	33.35	34.30	34.80				
29																									
30																									
31																									
M			-8.3			-0.8	0.0	-0.1	0.4	1.6	3.9	5.2	6.4	18.35	26.82	27.61	28.97	30.59	32.45	33.41	34.24				

# BORNÖ STATION

58° 22' 51"

11° 35' 03" E

Mars

Observatör: OSKAR ÅKERMO

1963

Datum	Vind		Luft-temp.	Ström från		Vattens temperatur i °C							Vattens salthalt i ‰									
	Rikt.	Sycka		m	cm/ssek.	Rikt.	cm/ssek.	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m	33 m	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m
1			-5.0			-1.2	-1.2	-1.2	-1.2	-1.2	-0.5	4.8	6.2	6.7	24.77	24.71	25.47	26.14	28.53	33.13	34.14	34.75
2			-4.8			-1.1	-1.2	-1.1	-1.2	-0.5	5.2	6.4	6.7	23.85	24.55	24.95	25.85	28.75	33.50	34.35	34.70	
3			-5.0			-1.0	-1.2	-1.1	-1.1	0.9	5.4	6.3	6.6	20.70	24.40	24.80	25.70	30.55	33.65	34.30	34.75	
4			-16.5			-1.3	-1.2	-1.1	2.8	6.3	6.5	6.4	18.48	24.10	24.75	25.65	31.85	34.15	34.65	34.80		
5			-2.0			-0.7	-1.1	-1.1	-1.1	3.9	5.9	6.5	16.09	24.05	24.45	25.50	32.60	34.00	34.45	34.70		
6			2.0			-0.6	-1.0	-1.1	-1.1	1.9	5.8	6.5	14.18	24.05	24.55	25.45	31.10	33.65	34.35	34.55		
7			0.2			-0.4	-1.1	-1.1	-1.1	0.3	6.0	6.5	10.29	23.90	24.30	25.00	29.30	33.95	34.45	34.75		
8			-0.5			-0.3	-1.1	-1.1	-1.1	4.3	6.2	6.5	6.30	23.95	24.35	25.80	32.90	34.05	34.55	34.55		
9			-5.0			-0.2	-1.0	-1.1	-1.1	1.9	5.5	6.4	4.92	24.20	24.50	26.10	30.60	33.65	34.20	34.25		
10			-4.2			-0.2	-1.0	-1.1	0.5	1.9	4.1	6.4	6.33	24.25	24.70	28.70	31.10	32.75	34.15	34.35		
11			-2.0			-0.4	-1.0	-1.0	-0.9	0.3	0.7	5.3	6.4	8.89	24.32	24.39	25.94	28.75	31.09	33.58	34.32	
12			-0.5			-0.1	-0.9	-1.0	-1.0	0.0	3.5	6.5	8.23	23.80	23.75	24.80	25.55	28.55	32.10	34.40		
13			-5.0			-0.6	-1.0	-1.1	-1.1	-0.6	5.3	6.0	6.8	23.55	23.60	24.80	29.60	33.50	34.05	34.55		
14			-15.0			-0.3	-0.9	-1.0	0.9	4.1	5.1	6.0	8.06	23.70	24.10	29.75	32.70	33.70	34.25	34.55		
15			-9.0			-0.6	-1.0	-1.0	-0.9	0.7	4.0	6.1	8.42	23.00	24.00	28.85	29.50	32.70	34.00	34.55		
16			-7.2			-0.4	-0.8	-1.0	-0.9	-0.6	4.2	6.2	8.32	23.25	23.25	24.15	24.65	27.05	32.75	34.25		
17																						
18			-3.0			-0.1	-1.0	-1.1	-0.9	-0.9	-0.2	2.5	6.0	8.18	22.65	23.10	23.45	23.70	24.90	31.45	34.10	
19			-6.8			-0.4	-1.0	-1.0	-0.9	-0.9	-0.8	2.4	6.2	8.84	22.65	22.75	23.35	23.65	25.95	31.30	34.30	
20			-6.0			-0.4	-1.0	-1.0	-0.9	-0.9	0.1	5.0	6.5	8.38	22.65	22.90	23.70	25.05	30.45	33.85	34.80	
21			-11.2			-0.5	-1.0	-0.9	-0.9	-0.2	2.8	5.6	6.5	8.47	22.80	22.80	24.50	26.95	31.85	32.00		
22			-17.5			-0.4	-0.9	-1.0	-0.9	-0.7	0.9	4.6	6.3	8.61	22.79	22.67	25.45	25.60	29.46	33.23	34.34	
23			-6.5			-0.4	-0.9	-0.9	-0.9	-0.5	1.6	6.0	6.3	8.76	22.85	22.85	24.30	25.60	30.65	34.15	34.50	
24																						
25			1.2			0.1	-0.8	-0.9	-0.9	-0.6	2.6	6.0	6.5	<0.5	22.60	22.70	23.60	25.10	32.35	33.95	34.15	
26			-0.5			0.2	-0.7	-0.9	-0.9	-0.6	4.8	6.4	6.6	1.3	22.15	22.30	23.15	25.45	33.45	34.20	34.50	
27			-3.5			0.0	-0.8	-0.9	-0.9	5.8	6.2	6.6	6.8	1.6	21.80	22.65	27.60	33.75	34.05	34.05	34.35	
28			-0.2			0.0	-0.8	-0.9	-0.6	4.5	5.6	6.3	6.7	3.00	21.60	22.75	27.40	33.10	33.95	34.45	34.50	
29			-0.8			0.3	-0.7	-0.9	-0.7	1.4	6.0	6.7	3.47	21.80	22.70	23.55	25.20	29.95	33.85	34.80		
30			-3.5			-0.2	-0.7	-0.9	-0.2	-0.5	1.5	5.7	6.6	4.59	22.25	22.20	23.50	24.10	29.70	33.10	34.70	
31																						
M			-4.9			-0.4	-1.0	-1.0	-0.7	1.0	3.4	5.7	6.4	9.23	23.30	23.65	25.28	28.40	31.78	33.77	34.42	



# BORNÖ STATION

April

# BORNÖ STATION

11° 35' 03" E

58° 22' 51" N

1963

Observatör: OSKAR ÅKERMO

April

Datum	Vind Rikt. Sstyrka	Luft- temp.	Ström från		Vattnets temperatur i °C								Vattnets salthalt i ‰							
			Rikt.	Rikt.	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m	33 m	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m	33 m
1		-3.5			-0.1	-0.8	-0.5	-0.4	0.9	2.2	5.7	6.5	5.33	22.85	23.34	23.94	26.89	30.70	33.94	34.61
2		-0.8			0.0	-0.7	-0.5	-0.1	0.2	1.2	5.3	6.5	5.12	23.15	23.25	23.95	25.80	29.15	33.55	34.35
3		0.5			-0.1	0.2	0.2	0.0	-0.2	-0.3	2.4	6.3	5.48	21.80	22.60	23.45	23.80	24.80	30.90	34.40
4		1.0			0.2	0.5	0.5	-0.5	-0.3	0.2	5.1	6.5	<0.5	21.25	21.30	22.70	23.35	26.20	33.50	34.50
5		0.6			0.1	0.2	0.0	-0.1	3.0	5.7	6.5	6.6	1.3	21.25	22.00	23.30	31.45	33.80	34.55	34.60
6		-0.6			0.1	0.1	-0.2	3.4	4.9	5.4	6.2	6.6	3.22	21.75	23.80	31.85	33.85	34.35	34.55	34.60
7																				
8		-2.8			-0.2	-0.2	-0.3	0.2	3.4	5.1	5.8	6.4	2.04	22.00	22.70	25.05	31.85	33.70	34.20	34.55
9		2.0			0.0	0.5	0.3	0.3	0.7	4.8	6.0	6.3	1.9	21.30	22.40	23.55	26.55	33.25	34.25	34.50
10		2.5			0.4	2.0	1.6	0.1	1.9	5.6	6.0	6.7	1.5	20.60	21.50	23.15	30.15	33.95	34.50	35.05
11		3.5			0.3	1.9	0.9	0.4	4.7	5.7	6.1	6.7	<0.5	20.65	22.85	23.11	33.46	34.17	34.46	34.73
12		2.2			0.2	1.6	1.8	0.5	0.6	5.4	6.0	6.6	1.0	19.84	21.25	22.20	25.20	33.55	34.35	34.65
13		1.5			0.2	2.3	2.1	1.6	0.5	5.2	6.1	6.4	1.2	19.31	20.22	21.20	23.20	33.55	34.45	34.50
14																				
15		6.0			0.3	2.6	2.5	2.6	1.9	3.8	5.9	6.4	1.2	18.47	19.00	20.35	21.05	32.35	33.95	34.55
16		2.0			0.3	2.5	2.6	2.4	1.9	5.4	6.2	6.3	1.3	18.18	19.43	20.35	21.10	33.75	34.45	34.60
17		1.0			0.4	2.7	2.7	1.3	4.5	6.0	6.3	6.7	1.0	19.31	19.86	21.30	32.50	34.25	34.55	34.95
18		2.6			0.5	2.5	2.4	1.9	3.7	5.1	6.0	6.6	1.1	19.72	20.04	26.45	31.20	33.45	34.40	34.70
19		3.2			1.4	2.5	2.3	2.4	4.0	5.4	6.0	6.6	3.40	19.58	20.55	27.15	32.05	33.80	34.25	34.55
20		2.2			1.2	2.6	2.4	1.7	4.2	5.5	5.9	6.6	1.7	19.73	20.35	25.10	32.35	33.95	34.25	34.65
21																				
22		3.0			2.3	2.5	1.5	4.2	5.3	5.7	5.9	6.6	11.14	19.73	23.38	32.50	33.71	34.22	34.53	34.67
23		3.0			2.8	2.6	2.3	3.4	4.8	5.7	6.0	6.4	13.12	20.50	21.25	30.45	32.95	33.90	34.25	34.35
24		0.8			2.2	2.4	2.6	4.4	5.3	5.7	6.1	6.6	18.48	19.24	27.60	32.50	33.85	34.35	34.55	34.70
25		8.0			4.7	3.4	3.4	4.3	5.1	5.8	5.9	6.5	17.66	26.00	29.55	32.30	33.80	33.95	34.30	34.45
26		5.0			3.8	4.1	3.7	3.9	4.8	5.7	6.1	6.4	19.45	22.00	23.75	31.05	32.95	33.80	34.25	34.35
27		3.0			4.3	4.3	4.1	3.5	3.9	4.6	5.4	6.3	21.95	22.00	22.40	23.70	31.00	32.90	33.85	34.45
28																				
29		5.0			5.6	5.1	5.0	4.5	4.6	5.1	5.4	6.3	19.47	20.85	21.70	23.00	30.40	33.30	33.85	34.40
30		5.0			6.6	5.8	5.3	4.2	4.6	5.0	5.6	6.1	17.14	21.20	21.75	22.40	31.85	33.20	34.10	34.50
31																				
M		2.2			1.4	2.0	1.9	2.0	3.0	4.6	5.8	6.5	6.76	20.86	22.22	25.23	29.47	32.78	34.11	34.57

# BORNÖ STATION

58° 22' 51"

11° 35' 03" E

Maj

Observatör: OSKAR ÅKERMO

1963

# BORNÖ STATION

Maj

Datum	Vind		Lufttemp.	Ström från			Vattnets temperatur i °C							Vattnets söihalt i ‰									
	Rikn.	Styrka		Rikn.	cm/sek.	Rikn.	m	0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m	0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m
1								7.0	6.1	5.5	3.7	4.7	5.1	5.7	6.3	12.66	20.45	21.42	29.34	32.37	33.68	34.20	34.52
2			6.0					5.8	5.7	5.7	5.4	5.3	4.3	5.0	5.6	20.70	20.60	20.70	21.45	21.75	32.40	33.75	34.05
3			5.0					6.1	6.1	6.0	5.6	4.5	4.7	5.3	6.1	12.13	14.69	20.65	21.40	32.25	33.40	33.75	34.40
4			2.0																				
5																							
6			5.2					7.6	6.2	5.9	4.7	4.1	4.3	4.6	5.0	16.26	20.35	21.00	28.20	31.75	32.65	33.10	33.90
7			6.0					7.5	6.5	5.8	4.9	4.3	4.4	4.4	5.0	14.13	19.84	20.95	24.95	30.60	32.40	33.00	33.70
8			9.0					8.6	7.9	6.3	5.4	4.8	4.3	4.4	5.0	18.89	20.94	24.16	29.48	31.59	32.90	33.85	
9			9.0					9.0	8.1	6.7	5.9	5.3	4.6	4.3	4.8	13.10	18.40	20.55	23.55	27.45	29.85	32.20	33.70
10			11.0					11.3	7.6	6.2	6.0	5.5	4.6	4.3	4.7	12.30	20.20	21.05	24.95	27.35	30.20	32.05	33.65
11			9.0					9.4	8.7	8.3	6.2	6.0	4.7	4.3	4.3	16.58	18.57	18.98	23.88	26.10	29.64	31.76	33.07
12																							
13			10.5					9.3	8.5	7.2	6.0	5.8	4.3	4.3	5.1	17.30	18.90	20.45	22.65	26.55	31.05	32.25	33.90
14			9.5					9.9	9.1	8.4	7.5	6.0	5.4	4.6	4.8	14.20	17.75	19.65	21.55	23.90	28.05	31.70	33.30
15			8.5					9.8	9.0	7.6	7.5	6.2	4.5	4.3	4.7	14.85	18.45	21.00	22.05	24.65	31.40	32.35	33.40
16			7.0					11.1	8.3	7.9	6.5	4.7	4.4	4.6	5.2	13.55	19.90	21.35	22.90	30.45	32.25	33.10	33.75
17			9.0					11.1	9.2	7.3	4.8	4.4	4.5	4.5	4.8	14.65	18.85	21.40	30.65	32.60	33.00	33.25	33.65
18			7.0					10.1	9.0	8.4	7.8	4.9	4.5	4.5	4.8	13.35	19.15	20.55	22.25	29.95	32.65	33.05	33.60
20			7.8					9.2	8.4	7.9	6.9	4.6	4.5	4.6	4.8	15.10	20.40	21.10	23.10	31.05	32.35	32.90	33.55
21			9.5					9.2	9.0	8.6	7.6	5.3	4.4	4.5	4.8	13.81	19.26	20.03	22.15	28.88	32.15	32.82	33.46
22			8.5					9.4	9.0	8.7	8.4	5.9	4.6	4.6	4.9	14.55	18.75	20.00	21.70	27.55	31.85	33.05	33.80
23																							
24			12.0					10.5	8.9	8.0	7.6	7.0	5.5	4.4	4.7	11.20	20.75	21.45	24.45	26.35	29.45	32.15	33.35
25																							
26			13.0					11.3	9.6	8.5	6.4	6.3	5.0	4.5	4.7	20.10	21.45	24.20	27.40	29.15	31.15	32.35	33.50
27			15.0					15.0	11.2	9.2	8.1	6.7	5.0	4.7	4.8	15.95	21.75	22.95	25.15	28.65	31.30	32.40	33.40
28			17.0					16.7	11.8	9.0	7.6	6.4	5.0	4.8	4.7	14.45	21.05	23.20	26.85	29.55	31.85	32.80	33.45
29			16.8					16.3	13.0	10.4	8.1	6.2	4.9	4.7	4.8	13.35	20.75	21.70	25.20	29.40	31.60	32.65	33.20
30			16.5					16.7	16.8	11.8	8.8	7.1	5.2	4.9	4.8	15.30	17.45	21.20	24.05	28.60	31.60	32.50	33.00
31			16.0					17.3	13.5	11.3	7.2	5.7	5.4	4.6	5.1	15.15	20.20	21.25	28.05	30.60	31.70	32.45	32.80
M			9.8					10.6	9.1	7.9	6.6	5.9	4.7	4.6	5.0	14.94	19.52	21.11	24.48	28.68	31.57	32.74	33.60



# BORNÖ STATION

58° 22' 51"

11° 35' 03" E

Juli

Observatör: OSKAR AKERMO

1963

Datum	Vind		Lufttemp.	Ström från		Vattnets temperatur i °C								Vattnets salthalt i ‰							
	Rikt.	Styrka		Rikt.	Styrka	0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m	0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m
1			16.0			16.6	16.6	16.5	14.6	13.3	11.3	10.5	7.0	22.68	22.79	23.43	26.98	28.86	30.41	31.22	31.82
2			16.0			19.0	17.2	16.6	15.7	13.7	11.2	9.8	6.8	20.80	18.60	23.45	24.70	28.30	29.25	30.50	31.95
3			17.0			18.5	17.9	16.6	14.5	13.1	12.2	11.9	6.9	21.85	22.70	23.20	26.35	29.05	30.50	30.75	31.75
4			17.0			19.3	18.9	16.8	13.4	12.8	11.9	10.1	6.6	21.70	22.20	23.30	28.40	28.85	29.90	30.30	30.45
5			18.0			19.8	19.4	16.5	13.7	12.6	11.6	9.8	6.3	21.10	22.35	23.50	27.05	29.80	30.00	30.00	31.95
6			17.0			20.4	20.0	17.3	14.3	13.6	12.4	11.0	8.1	21.80	22.05	23.40	27.75	29.40	30.00	30.80	31.75
7																					
8			15.0			18.6	18.5	17.5	14.6	13.0	12.2	10.4	7.3	22.00	22.55	23.35	26.90	29.50	30.70	31.55	32.20
9			14.0			18.0	17.8	17.2	14.2	13.2	12.2	11.1	8.0	23.10	23.35	24.00	27.20	29.20	30.30	30.90	31.95
10			13.1			17.5	17.5	17.6	16.7	13.4	12.6	11.1	7.9	22.65	22.65	22.80	24.60	28.95	30.00	30.90	31.95
11			13.0			17.4	17.3	17.4	16.7	13.3	12.3	10.6	7.5	22.99	22.98	22.88	24.34	28.81	30.00	31.45	31.99
12			11.6			16.9	16.9	17.2	16.8	13.9	12.9	11.0	7.3	22.75	23.00	23.80	24.45	28.60	29.90	30.75	32.10
13			12.0			16.1	16.6	16.8	16.7	15.8	13.3	11.7	5.7	21.80	22.60	23.00	23.20	25.65	29.15	30.45	32.85
14																					
15			15.8			16.9	16.8	16.7	13.7	12.3	10.2	10.6	8.6	23.45	23.55	24.80	28.85	30.40	31.15	31.55	31.90
16			15.2			17.0	17.0	16.6	16.3	15.6	13.0	11.6	9.3	22.50	23.25	24.35	25.00	26.10	29.65	31.30	31.70
17			14.0			16.4	16.4	16.6	16.3	16.1	15.5	11.4	7.9	22.70	22.70	23.60	24.90	25.25	26.30	31.20	32.30
18			14.0			16.5	16.5	16.6	16.2	12.5	11.7	11.1	9.3	23.55	23.55	23.90	24.85	30.00	31.25	31.80	31.90
19			15.0			16.2	16.9	16.7	16.1	12.2	12.1	11.5	10.0	20.90	22.50	24.20	25.30	27.25	30.30	31.70	31.95
20			14.5			16.6	16.6	16.6	16.3	13.2	11.8	11.9	11.1	24.00	24.05	23.90	24.75	28.80	30.85	31.35	31.85
21																					
22			15.2			17.2	17.1	16.7	13.0	13.0	12.5	12.0	10.1	22.48	22.81	23.77	30.24	30.95	31.41	31.63	31.63
23			14.1			16.6	16.7	16.9	13.0	12.8	12.3	12.0	11.1	22.50	22.85	23.60	31.05	31.25	31.45	31.60	31.80
24			15.6			17.9	17.9	16.5	12.9	12.5	12.3	12.1	10.7	22.30	22.55	24.10	31.00	31.20	31.50	31.65	31.95
25			16.0			16.6	16.5	16.4	12.4	12.9	12.4	11.9	11.0	24.45	24.75	24.95	30.80	31.20	31.60	31.55	31.85
26			13.0			16.3	17.0	16.6	16.2	16.0	12.7	12.9	11.6	23.05	23.95	24.55	25.80	26.55	30.50	31.15	31.60
27			11.9			16.9	16.9	16.9	16.3	16.0	13.8	12.7	10.8	24.05	24.05	24.20	26.15	27.65	29.35	31.50	31.65
28																					
29			11.0			16.3	16.5	16.0	13.2	13.4	12.6	12.4	11.1	23.75	25.75	26.95	31.10	31.55	31.80	31.75	31.85
30			15.0			16.7	16.6	15.1	13.0	12.7	12.4	12.0	10.8	24.30	26.10	26.90	31.35	31.55	31.65	31.75	32.00
31			17.2			16.5	16.3	13.7	13.0	12.4	12.1	11.8	10.4	25.15	25.85	31.00	31.40	31.75	31.80	31.70	32.00
M			14.7			17.4	17.3	16.6	14.8	13.5	12.4	11.4	8.9	22.75	23.19	24.25	27.20	29.13	30.40	31.21	31.88

# BORNÖ STATION

Juli

# BORNÖ STATION

Augusti

# BORNÖ STATION

Observator: OSKAR AKERMO

11° 35' 03" E

58° 22' 51"

Augusti

1963

Dag	Vind		Luf. temp.	Ström från		Vattnets temperatur i °C							Vattnets söthalt i ‰							
	Rikn.	Styrka		Rikn.	styrka	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m	33 m	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m
1			17.8			17.5	14.2	13.2	12.9	12.5	12.6	11.8	10.5	30.51	31.09	31.33	31.48	31.60	31.71	31.80
2			15.5			16.9	16.8	16.1	13.8	12.9	12.5	12.1	11.2	26.30	26.60	27.80	30.75	31.45	31.55	31.70
3			15.0			17.4	17.3	17.1	16.9	16.0	13.6	13.7	11.8	24.65	25.00	25.40	26.75	28.45	30.85	31.65
4																				
5			17.4			18.0	18.0	18.0	16.7	14.3	12.9	12.6	11.3	23.20	24.05	24.15	27.20	30.50	31.50	31.60
6			17.0			18.0	18.0	17.8	17.2	16.2	14.8	13.3	12.0	23.70	24.00	24.60	25.70	27.65	29.95	31.20
7			17.0			18.1	18.2	18.2	17.7	17.1	15.5	13.4	13.2	22.80	24.15	24.25	24.85	25.90	29.35	31.05
8																				
9			15.2			18.2	18.0	17.3	15.7	14.3	12.8	12.2	10.4	22.45	23.25	25.15	28.70	30.95	31.60	32.05
10			14.1			17.7	17.6	17.6	17.6	17.2	14.0	12.8	10.1	24.85	24.75	24.75	25.00	26.35	30.75	31.35
11																				
12			14.0			16.7	17.6	17.6	16.2	13.8	12.5	11.8	9.6	18.53	24.10	24.44	27.35	31.25	31.46	32.11
13			15.5			17.4	17.5	17.5	15.5	13.4	12.5	11.9	10.1	23.55	23.80	25.35	29.10	31.00	31.45	31.75
14			10.8			16.9	17.6	17.6	17.6	13.9	12.5	11.7	10.1	18.95	22.05	24.05	24.90	30.75	31.50	32.00
15			15.0			17.6	17.6	17.6	14.2	13.0	12.2	11.8	10.4	23.30	23.60	23.55	30.25	31.65	31.80	31.95
16			14.0			17.8	17.7	17.7	13.7	12.7	12.2	11.9	10.5	13.40	23.20	24.15	30.75	31.55	31.90	32.10
17			14.5			17.3	17.6	15.6	13.3	13.1	12.3	11.5	10.9	16.50	22.85	28.85	31.20	31.55	31.95	32.10
18																				
19						17.0	16.1	13.7	13.0	12.5	12.3	11.8	10.6	16.70	27.00	30.95	31.60	32.00	32.30	32.60
20			12.8			16.4	16.7	16.7	13.4	12.9	12.0	11.7	10.6	21.70	22.05	24.20	30.80	31.65	31.90	32.15
21			13.0			16.0	17.0	16.9	16.5	15.2	13.5	12.5	11.1	17.68	20.89	23.37	26.15	29.13	30.83	31.50
22			13.2			16.0	17.0	16.7	16.6	16.4	14.0	12.5	10.8	9.60	22.40	24.65	25.55	26.45	30.80	31.55
23			10.5			16.1	16.6	16.6	16.4	13.2	12.6	12.1	11.1	9.30	24.45	25.80	26.75	31.05	32.05	32.20
24			13.0			17.1	16.7	16.6	13.5	13.2	12.6	12.2	11.3	8.25	24.80	25.60	31.45	31.95	32.00	32.10
25																				
26			13.0			16.4	17.0	16.8	16.6	16.4	14.0	12.9	11.9	13.40	18.35	23.65	25.35	26.07	30.85	31.10
27			15.1			16.5	17.0	17.0	16.8	16.6	16.1	12.9	11.7	15.25	19.85	22.90	25.05	25.75	26.95	31.60
28			14.0			15.7	16.4	16.8	16.8	16.5	14.3	12.5	10.9	14.50	19.25	23.35	24.90	25.55	30.20	31.70
29			11.0			15.0	16.6	16.8	16.7	15.0	12.9	12.8	11.2	10.50	16.15	24.20	25.50	28.80	31.60	32.10
30			9.8			15.7	16.7	16.7	15.4	13.3	13.2	12.6	12.1	7.65	22.60	23.95	28.30	31.35	32.05	32.15
31			13.5			15.9	16.7	16.7	16.3	13.2	12.6	12.7	11.9	8.25	21.20	24.45	25.80	31.65	31.85	31.95
M			14.1			16.9	17.1	16.8	15.7	14.4	13.2	12.4	11.1	17.42	23.11	25.18	27.73	29.69	31.17	31.75

# BORNÖ STATION

58° 22' 51"

11° 35' 03" E

September

Observatör: OSKAR AKERMO

1963

Datum	Vind		Luft-temp.		Ström från		Vattens temperatur i °C							Vattens salthalt i ‰								
	Rikt.	Styrka	Rikt.	cm/sek.	Rikt.	cm/sek.	0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m	0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m
1							16.0	16.7	16.6	13.3	12.9	12.6	12.9	11.7	16.65	24.52	25.18	30.94	31.59	31.88	32.15	32.43
2							16.0	16.8	16.7	14.6	13.0	12.6	12.4	11.3	15.25	24.30	25.40	29.65	31.75	32.10	32.25	32.40
3							16.9	16.9	16.6	16.7	16.2	13.2	13.0	11.7	19.45	21.10	22.10	24.95	26.15	31.20	31.80	32.20
4							15.5	16.8	16.8	16.8	16.8	16.5	13.7	12.6	17.80	21.85	22.65	23.40	25.10	25.70	30.80	33.70
5							15.8	16.7	16.6	16.6	16.6	16.4	13.1	11.6	15.55	22.25	22.90	23.75	24.40	25.75	31.50	32.45
6							15.6	16.5	16.6	16.6	16.5	13.5	12.9	11.8	14.55	22.75	23.10	24.15	25.20	31.20	32.10	32.25
7							15.6	16.1	16.3	16.2	14.5	13.5	13.2	12.6	17.95	20.25	21.50	22.90	24.10	29.75	31.30	32.15
8							14.6	15.7	16.3	16.3	14.3	13.3	13.1	12.0	15.50	20.60	22.40	23.40	30.60	31.80	32.05	32.35
9							12.8	15.6	16.2	16.0	16.3	13.5	13.0	12.5	12.83	19.46	22.22	22.90	23.47	31.57	31.81	32.06
10							13.9	15.7	16.4	16.4	14.5	13.3	13.1	12.2	15.35	20.65	22.40	23.45	30.50	31.75	32.15	32.35
11							14.2	15.7	16.3	16.1	14.0	13.1	13.2	12.1	12.40	19.70	22.70	25.70	31.25	31.95	32.10	32.35
12							15.4	15.5	15.7	16.3	15.7	13.8	13.1	12.6	19.45	19.50	21.65	22.65	26.55	31.40	32.00	32.30
13							15.3	15.3	15.6	15.8	13.6	13.4	12.7	12.2	20.60	20.60	21.50	22.70	31.60	32.05	32.25	32.75
14							14.4	15.1	15.7	15.9	13.4	13.1	12.8	12.1	17.05	19.35	21.50	23.40	31.80	32.15	32.50	32.60
15							14.9	15.5	16.0	14.7	14.2	13.4	12.9	12.2	17.00	19.20	22.55	30.75	32.10	32.50	32.25	32.35
16							13.6	15.2	15.7	15.8	14.0	13.4	12.9	11.7	15.90	21.05	22.35	22.40	31.75	32.55	32.50	32.80
17							12.6	15.4	14.9	14.1	13.6	13.5	12.9	12.3	14.10	23.10	29.65	31.75	32.15	32.30	32.65	33.00
18							13.2	15.3	14.9	14.4	13.3	13.5	13.0	12.3	16.13	22.36	28.06	30.70	31.54	31.98	32.27	32.31
19							14.8	15.0	15.2	14.6	14.9	14.6	13.8	12.7	22.65	24.90	26.10	27.60	28.45	30.35	31.60	32.20
20							14.4	14.4	14.7	14.7	14.6	14.8	14.1	12.6	23.15	23.25	24.45	25.75	27.05	28.35	31.60	32.30
21							14.5	14.5	14.4	14.4	14.6	14.8	14.1	12.7	24.45	24.45	24.65	25.10	26.00	28.40	31.50	32.20
22							13.8	14.1	14.2	14.1	14.2	14.3	14.8	13.0	22.85	23.35	23.80	24.55	25.15	25.75	28.35	32.00
23							13.0	13.6	13.7	13.8	13.9	13.9	14.6	12.2	23.05	24.30	24.20	24.55	24.65	24.85	26.25	32.60
24							13.5	13.6	14.0	13.5	13.3	13.6	13.7	12.8	23.85	24.30	25.40	31.60	32.10	32.25	32.40	32.70
25							14.6	15.5	15.7	15.3	14.5	13.8	13.3	12.2	18.06	21.96	23.68	25.78	28.54	30.40	31.59	32.45
26																						
27																						
28																						
29																						
30																						
31																						
M																						

# BORNÖ STATION

Oktober

## BORNÖ STATION

58° 22' 51"

11° 35' 03" E

Oktober

Observatör: OSKAR ÅKERMO

1963

Datum	Vind		Luft-temp.	Ström från		Vattnets temperatur i °C							Vattnets söthalt i ‰/00								
	Riktn.	Styrka		Riktn.	Styrka	0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m	0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m
1			9.0			12.0	13.6	13.8	13.3	13.1	13.1	13.4	13.1	24.45	24.57	30.23	31.72	32.14	32.29	32.41	32.54
2			9.0			12.7	12.8	13.1	13.7	13.4	13.0	13.1	12.8	24.15	24.35	24.70	27.75	31.75	32.20	32.35	32.55
3			9.0			12.5	12.7	13.3	13.1	13.3	13.6	13.5	12.9	24.20	24.45	27.05	31.75	32.35	32.75	32.85	32.90
4			8.3			11.5	12.3	13.1	13.1	13.3	13.4	13.4	12.9	23.35	24.25	28.50	32.00	32.50	32.60	32.80	32.85
5			7.5			11.8	12.3	12.6	13.1	13.2	13.2	12.2	12.9	23.40	25.35	26.15	31.60	32.30	32.80	32.90	32.95
6																					
7			7.0			9.9	12.4	12.6	12.4	12.8	13.2	13.1	13.2	14.90	26.75	27.50	29.60	30.55	31.80	32.15	32.95
8			5.0			10.3	12.0	12.0	12.3	12.6	12.7	13.2	13.0	15.20	25.45	26.50	27.85	29.20	30.10	31.15	32.65
9			10.2			11.4	11.7	11.9	12.0	12.0	12.4	12.5	13.2	24.00	24.85	25.75	26.20	26.40	27.25	28.30	32.40
10			10.0			11.5	11.4	11.5	11.9	12.0	12.0	12.7	12.9	24.85	25.10	25.15	25.85	26.40	26.55	29.80	32.80
11			10.2			10.4	11.4	11.6	11.8	11.9	12.2	13.1	12.9	21.78	23.59	24.43	25.49	25.69	26.72	31.54	32.79
12																					
13			10.2			11.0	11.4	11.7	11.8	13.0	13.0	13.0	13.1	22.85	24.00	24.95	25.70	31.75	32.35	32.65	32.95
14			5.8			10.6	10.6	10.8	11.4	12.8	12.6	12.9	12.9	22.55	22.75	22.90	24.75	31.25	32.20	32.65	33.30
15			1.2			10.1	11.1	11.7	12.8	13.0	12.8	12.8	12.9	23.60	24.00	25.15	31.70	32.35	32.50	32.75	32.90
16			8.6			11.5	11.5	13.1	12.9	12.9	12.7	12.7	12.6	25.45	25.55	30.85	32.40	32.50	32.75	32.80	32.90
17			4.0			8.8	10.8	11.3	12.9	12.8	12.7	12.7	12.7	17.40	24.10	24.90	31.65	32.35	32.80	32.95	32.95
18			8.0			10.8	11.5	11.9	12.7	13.0	12.8	12.8	12.5	18.40	26.40	28.15	31.40	32.55	32.65	32.85	32.95
19			11.0			10.8	11.1	11.5	12.2	12.6	13.0	13.1	12.8	23.15	24.80	25.35	29.65	31.55	32.30	32.60	32.90
20			10.2			10.3	11.0	11.3	11.6	11.4	12.1	12.4	13.1	12.80	22.67	25.02	28.72	30.02	30.87	31.38	32.35
21																					
22			10.0			11.0	11.0	11.2	11.3	11.3	11.7	11.5	12.2	22.70	22.65	25.30	26.90	28.00	29.30	30.10	33.35
23			2.5			8.8	10.6	11.1	11.2	11.4	11.6	11.7	12.7		24.20	25.20	27.10	27.75	28.75	29.85	32.60
24			5.2			10.3	10.6	11.0	11.0	11.3	11.8	12.4	12.8	18.80	21.05	23.75	25.35	27.10	29.60	31.45	32.75
25			10.0			10.3	10.6	10.9	11.0	11.2	12.0	12.5	12.7	17.60	21.65	23.70	25.60	26.85	30.85	31.75	32.60
26			8.8			9.8	10.7	11.0	11.1	11.3	12.3	12.6	12.6	12.30	22.90	24.75	25.80	27.45	31.30	32.40	32.80
27																					
28			9.0			9.4	10.5	10.8	10.8	11.6	12.3	12.4	12.6	8.80	22.25	23.80	25.55	28.80	31.35	32.25	32.75
29			8.0			8.8	10.4	11.0	10.8	11.4	12.2	12.5	12.6	8.00	22.60	24.50	25.55	28.00	31.35	32.10	32.85
30			3.0			7.8	10.2	10.8	11.1	12.2	12.3	12.3	12.4	8.65	23.40	24.45	25.95	31.30	32.25	32.45	32.85
31			5.0			7.3	10.9	10.6	11.1	11.6	12.2	12.4	12.5	8.95	24.50	24.90	26.35	29.85	31.00	32.25	32.60
M			7.6			10.4	11.4	11.7	12.0	12.3	12.6	12.7	12.8	18.93	24.01	25.69	28.15	29.95	31.08	31.91	32.80

# BORNÖ STATION

58° 22' 51"

11° 35' 03" E

November

Observatör: OSKAR ÅKERMO

1963

Datum	Vind		Luft-temp.	Ström från		Vätnets temperatur i °C							Vätnets salthalt i ‰											
	Rikt.	Styrke		m	cm/vak.	Rikt.	cm/vak.	0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m	0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m	
1			5.0																					
2			7.0			7.7	10.4	10.7	10.9	11.2	11.8	12.4	12.4	12.6	12.5	21.40	23.25	25.25	26.90	27.85	29.65	32.00	32.85	
3																								
4			3.0			9.1	10.0	10.2	10.8	11.0	11.3	12.2	12.5	12.5	23.20	24.30	25.10	25.75	26.65	27.85	31.40	32.70		
5			5.2			8.6	10.0	10.6	10.8	11.2	12.2	12.4	12.4	12.4	22.40	24.50	24.50	26.05	27.50	31.50	32.15	32.70		
6			7.0			8.9	9.0	10.2	10.6	11.1	11.5	12.1	12.4	12.4	22.20	22.45	24.80	27.15	28.80	31.00	32.70			
7			3.0			9.0	9.1	9.3	10.6	10.8	11.6	12.5	12.4	12.4	22.85	22.95	23.80	25.55	26.70	29.60	32.10	32.75		
8			5.0			9.7	9.9	10.3	10.8	10.8	11.3	12.3	12.5	12.5	24.40	24.50	24.85	25.65	26.25	28.15	31.45	32.60		
9			7.0			8.9	9.0	9.0	9.2	10.2	10.8	11.4	12.5	12.5	23.65	24.00	24.25	24.40	24.95	26.25	28.00	32.35		
10																								
11			3.2			7.7	8.6	9.2	11.7	12.2	12.1	12.1	11.7	11.7	22.93	23.43	23.92	28.25	32.18	32.44	32.83	33.27		
12			6.0			8.3	8.6	11.2	12.2	12.1	11.9	11.7	11.0	11.0	23.15	23.20	27.20	32.00	32.65	33.00	33.15	33.40		
13																								
14			6.5			8.6	8.8	8.8	9.0	9.0	9.2	9.2	12.4	12.4	24.05	23.85	24.30	24.55	25.00	25.25	26.50	32.40		
15			7.2			7.4	8.0	8.5	8.7	8.9	10.4	11.8	10.8	11.8	18.05	22.65	23.80	24.55	24.75	26.30	32.50	33.70		
16			4.1			5.9	8.6	8.7	11.8	11.3	11.2	11.0	11.2	11.0	24.15	24.55	31.10	32.70	33.15	33.20	33.20	33.50		
17																								
18			1.7			4.7	7.9	8.0	10.9	10.9	10.8	10.7	10.7	10.7	7.70	22.50	22.85	32.00	33.40	33.25	33.40	33.65		
19			3.0			6.1	7.8	8.7	11.7	11.1	10.9	10.7	10.6	10.6	10.50	20.65	23.30	32.90	33.05	33.35	33.45	33.45		
20			1.3			6.3	8.1	8.9	10.4	11.5	11.0	10.8	10.6	12.80	21.60	24.50	29.20	32.65	33.15	33.30	33.40			
21			4.0			6.7	8.9	9.5	11.4	11.1	10.7	10.5	10.5	10.5	19.68	25.36	27.66	32.20	33.15	33.24	33.42	33.58		
22			2.0			6.2	6.4	8.4	10.8	11.1	10.7	10.6	10.6	10.6	18.30	19.80	24.55	31.00	33.20	33.35	33.45	33.40		
23			0.6			5.2	8.5	9.7	11.0	10.9	10.6	10.4	10.3	10.3	15.75	26.85	29.15	32.15	33.10	33.25	33.35	33.50		
24																								
25			1.5			5.9	9.9	11.3	10.9	10.7	10.5	10.5	10.6	10.6	23.10	30.55	32.45	33.15	33.30	33.40	33.55	33.65		
26			4.0			5.5	10.8	11.1	10.9	10.8	10.7	10.6	10.5	10.5	20.20	32.25	32.40	33.20	33.35	33.45	33.45	33.45		
27			3.0			5.7	8.1	9.9	11.3	10.8	10.9	10.7	10.6	10.6	17.95	27.70	31.35	32.65	33.00	33.20	33.40	33.40		
28			3.0			5.9	8.5	9.4	10.6	11.1	11.0	10.9	10.7	10.7	17.15	28.75	29.55	32.05	32.70	33.00	33.35	33.35		
29			5.0			5.8	7.1	8.5	8.5	8.8	10.5	10.9	10.8	10.8	16.80	26.70	29.35	30.80	31.15	31.75	32.95	33.30		
30			3.0			5.1	6.6	7.4	8.0	7.8	8.5	10.5	10.9	10.5	11.00	27.05	28.85	29.65	30.30	31.05	32.25	33.25		
31																								
M			4.3			7.1	8.8	9.5	10.6	10.7	11.0	11.3	11.4	11.4	18.95	24.66	26.30	29.11	30.18	31.11	32.30	33.16		



# BORNÖ STATION

December

# BORNÖ STATION

58° 22' 51"

11° 35' 03" E

December

Observatör: OSKAR ÅKERMO

1963

Dag	Vind		Luft-temp.	Vattnets temperatur i °C							Vattnets salthalt i ‰								
	Rikt.	Styrka		0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m	0 m	2.5 m	5 m	10 m	15 m	20 m	25 m	33 m
1																			
2			1.6	4.6	6.3	6.8	6.9	7.1	7.3	8.1	10.9	12.50	24.85	27.70	28.45	29.00	30.25	30.25	33.00
3			0.8	4.0	6.1	6.7	6.8	6.8	7.1	7.6	10.9	11.56	24.00	26.08	26.83	27.45	28.18	29.60	32.60
4			-1.0	2.9	5.8	6.3	6.7	6.8	6.9	7.3	10.8	11.30	23.55	25.00	26.20	26.95	27.5	29.10	32.70
5			-1.9	3.1	5.7	6.2	6.6	6.5	7.1	8.7	10.6	18.60	23.75	24.75	26.05	27.15	28.70	30.90	33.05
6			-3.8	2.1	5.8	6.2	6.5	6.8	7.5	9.2	10.7	16.25	24.20	24.90	25.80	27.60	29.35	31.35	33.35
7			-1.5	0.2	5.9	6.0	6.3	6.6	6.9	8.2	10.6	9.75	23.55	24.15	25.40	26.50	28.60	30.40	33.20
8			-1.8	0.1	6.0	6.2	6.5	7.0	8.3	10.4	10.6	6.32	24.05	24.75	25.95	27.85	30.40	32.55	33.20
9			-7.0	0.2	4.2	5.8	6.4	6.7	7.4	8.9	10.5	6.29	23.50	24.40	25.25	26.60	29.30	31.25	33.25
10			-4.0	0.3	5.9	6.3	6.5	6.9	8.5	10.6	10.5	5.11	23.90	24.57	25.23	26.95	30.42	32.86	33.28
11			-3.0	0.4	6.1	6.3	6.7	7.2	9.8	10.6	10.3	3.22	23.80	24.75	26.30	28.85	31.85	32.90	33.40
12			-5.0	-0.1	6.0	6.7	9.7	10.7	10.5	10.2	9.6	2.33	24.20	26.00	31.25	33.05	33.35	33.60	34.35
13			-7.0	0.3	6.2	6.9	9.8	10.7	10.3	10.1	9.6	2.55	24.60	26.90	31.75	33.20	33.55	33.65	33.90
14			-6.8	0.3	6.1	6.6	8.3	10.2	10.6	9.8	9.3	3.08	24.55	26.70	30.25	32.25	33.30	33.55	34.25
15			-5.3	0.7	4.9	5.0	6.9	8.5	10.8	10.6	10.0	3.74	24.65	24.95	28.10	30.70	32.90	33.00	33.75
16			-7.0	0.5	5.4	5.6	6.5	8.8	10.5	10.2	9.3	3.73	24.70	25.40	27.20	30.95	33.10	33.65	34.15
17			-0.3	0.9	5.8	5.7	6.4	9.7	10.7	10.4	9.7	3.42	25.10	25.55	27.15	31.90	33.45	33.55	33.95
18			-7.5	-0.3	5.3	5.5	5.8	7.2	10.3	10.2	9.5	3.17	25.05	25.50	26.55	28.35	32.60	33.35	34.10
19			-8.0	-0.4	5.1	5.3	8.0	10.0	10.1	9.8	9.3	2.90	25.25	25.75	29.70	32.25	33.40	33.85	34.20
20			-19.2	0.0	5.1	8.4	10.3	10.0	9.8	9.5	9.2	3.13	25.72	30.57	32.79	33.47	33.63	33.93	34.20
21			-10.0	-0.5	4.9	4.2	8.3	9.8	10.5	10.1	9.3	3.29	25.80	26.65	30.70	31.95	33.00	33.60	34.20
22			4.0	1.1	2.3	2.3	4.4	4.6	7.1	10.3	9.4	2.75	25.50	25.15	26.60	27.60	29.85	32.70	33.95
23			-3.5	-0.2	1.0	2.0	3.0	3.2	5.2	10.0	9.0	3.67	24.70	25.15	25.70	26.70	28.10	32.25	34.35
24			4.0	0.5	2.3	2.7	3.2	3.3	6.0	9.8	9.7	2.52	25.00	25.20	25.90	26.05	28.90	32.65	33.85
25			3.0	0.6	2.1	2.5	2.8	3.2	4.4	9.7	9.9	3.56	24.90	25.10	25.50	25.90	27.25	32.10	33.90
26			4.0	0.1	1.8	2.0	2.7	3.0	7.9	9.9	9.2	2.42	24.85	25.30	25.60	25.80	30.45	32.85	34.15
27			4.0	0.3	2.0	2.1	2.7	8.8	9.4	10.0	9.8	2.92	25.00	25.05	25.75	31.40	32.60	33.15	33.75
28			4.0	0.2	2.0	2.0	2.5	6.7	9.6	10.0	9.6	3.27	24.50	24.80	25.50	28.15	32.75	33.55	34.75
29			6.0	0.8	2.0	2.1	2.3	2.7	9.1	10.0	9.6	2.88	25.55	25.50	25.55	25.95	32.20	33.60	34.20
30			-2.6	0.8	4.6	5.0	6.1	7.1	8.6	9.7	9.9	5.58	24.60	25.58	27.25	28.95	31.04	32.49	33.75
M																			

# ÅRSMEDELVÄRDEN

	Vattnets temperatur i °C										Vattnets salthalt i ‰									
	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m	30 m	33 m	40 m	0 m	2,5 m	5 m	10 m	15 m	20 m	25 m	30 m	33 m	40 m
Sydestbrodden	10.5		10.1	9.9		6.6		4.1		3.6	4.97		5.03		5.47		5.74			5.87
Finngrundet	8.5		8.3	7.8	6.5	4.6	3.3				5.71		5.72	5.73	5.76	5.78	5.80			
Svenska Björn	8.6		8.5	8.2	6.5	4.9	4.1		3.8		6.27		6.27	6.32	6.41	6.52	6.70			6.83
Hävringe	9.0		8.9	7.8	6.3	4.9	3.3		2.7		6.61		6.62	6.68	6.76	6.84	6.98			7.12
Falsterborev	10.0		9.9	9.2							8.05		8.09	8.21						
Fladen	11.3		11.3	10.5	10.0	9.8	8.7		7.7		21.42		22.55	25.64	30.31	32.16	33.36			33.74
Vinga	10.9		10.8	10.5	10.1	9.8	9.3		8.4		22.56		23.49	25.95	29.55	31.88	33.39			34.01
Bornö	7.6	8.7	8.2	7.8	8.0	8.2	8.7	8.5			15.03	23.45	24.80	27.30	29.70	31.58	32.65		33.39	





