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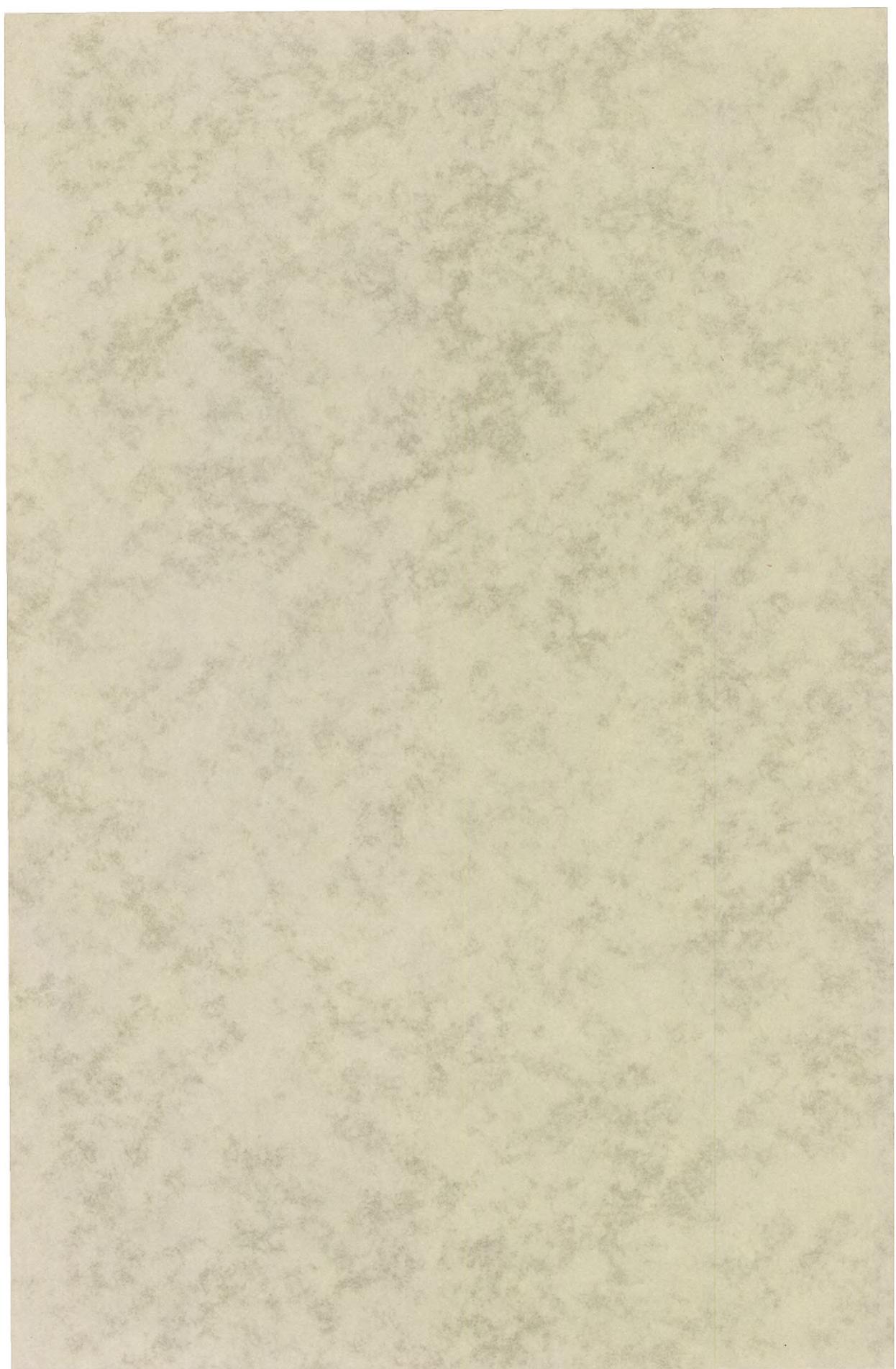
GÖTEBORGS UNIVERSITET

**FISHERY BOARD OF SWEDEN**

Series Hydrography, Report No. 18

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**HYDROGRAPHICAL OBSERVATIONS  
ON SWEDISH LIGHTSHIPS  
AND FIORD STATIONS  
IN 1964**



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**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 dekagrader och dess styrka uppskattas efter Beauforts 12-gradiga skala.

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

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

Vattentemperaturen bestämmes å östersjöfyrskuppen och Vinga med omvälvnings termometer monterad på en isolerad vatten hämtare, varvid ett djup tages åt gången. På Fladen tages vattenproverna med en isolerad vatten hämtare varvid temperaturen avläses å en medföljande djupvattenstermometer.

Vattenprov för bestämning av salthalten tages å fyrskeppen 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 guld kedjeareometer. Ombord på fyrskeppet är noggrannheten  $\pm 0.1$  o/oo S, medan den på Bornö station är  $\pm 0.05$  o/oo S. Tre gånger i

månaden sändes prov till laboratoriet för kontroll. Dessa prover klortitreras med en noggrannhet på  $\pm 0.02$  o/oo S. Proverna från 20–40 m på Vinga samt från alla djup på Fladen bestämmes med laboratoriesalinometer av typ Hamon och Brown, noggrannhet  $\pm 0.003$  o/oo S. Proverna från östersjöfyrskuppen klortitreras. Areometerbestämningen görs direkt ombord medan övriga prover sändes i glasflaskor till laboratoriet för bestämning.

Samtliga observationer är sammanförd till en månadstabell omfattande följande: Vindens riktning och styrka, lufttemperatur, strömmens riktning och hastighet i ytan och nära botten, vattnets temperatur vid de olika djupen samt vattnets salthalt vid samma djup. Vissa extremvärden är understukna, 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.

Från och med detta år införes de hydrografiska mätningarna från några av de fjordstationer (se kartan) vid vilka undersökningar gjorts sedan lång tid tillbaka. Salt halten är bestämd med salinometern enligt ovan, syrgasmängden enligt Winkler, pH med glaselektron enligt Buch och Nynäs, fosfatfosfor enligt Murphy och Riley samt svavelväte fotometriskt enligt Fonselius.

Göteborg i april 1966

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 isolated 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 lightship the accuracy of this determinations is  $\pm 0.1$  o/oo S, while at Bornö station it is  $\pm 0.05$  o/oo S. Three times a month

samples were sent to the laboratory for control. These samples were titrated for chloride with a normal accuracy of  $\pm 0.02$  o/oo S. The salinity of the samples from 20–40 m at Vinga and from all depths at Fladen were determined by a salinometer according to Hamon and Brown,  $\pm 0.003$  o/oo S precision. The samples from the Baltic lightships were titrated for chloride. The areometer determinations were carried out directly on the place, while the samples for the other analyses were sent to the laboratory in glass bottles.

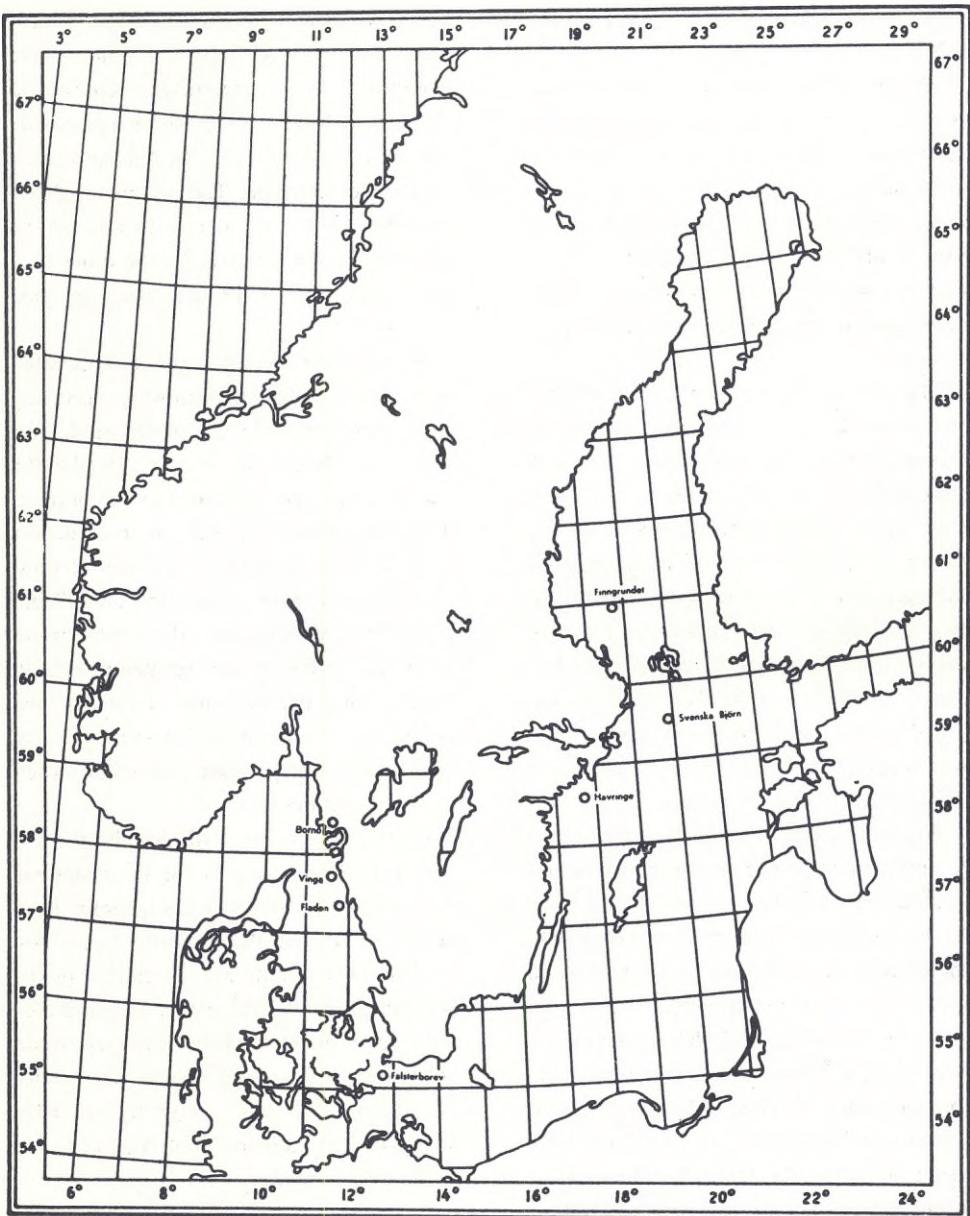
All observations are listed in a monthly table, containing the following specifications: direction and force of the wind, temperature of the air, direction and speed of the current at the surface and near the bottom, water temperature at the different depths as well as the salinity at the same depths.

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.

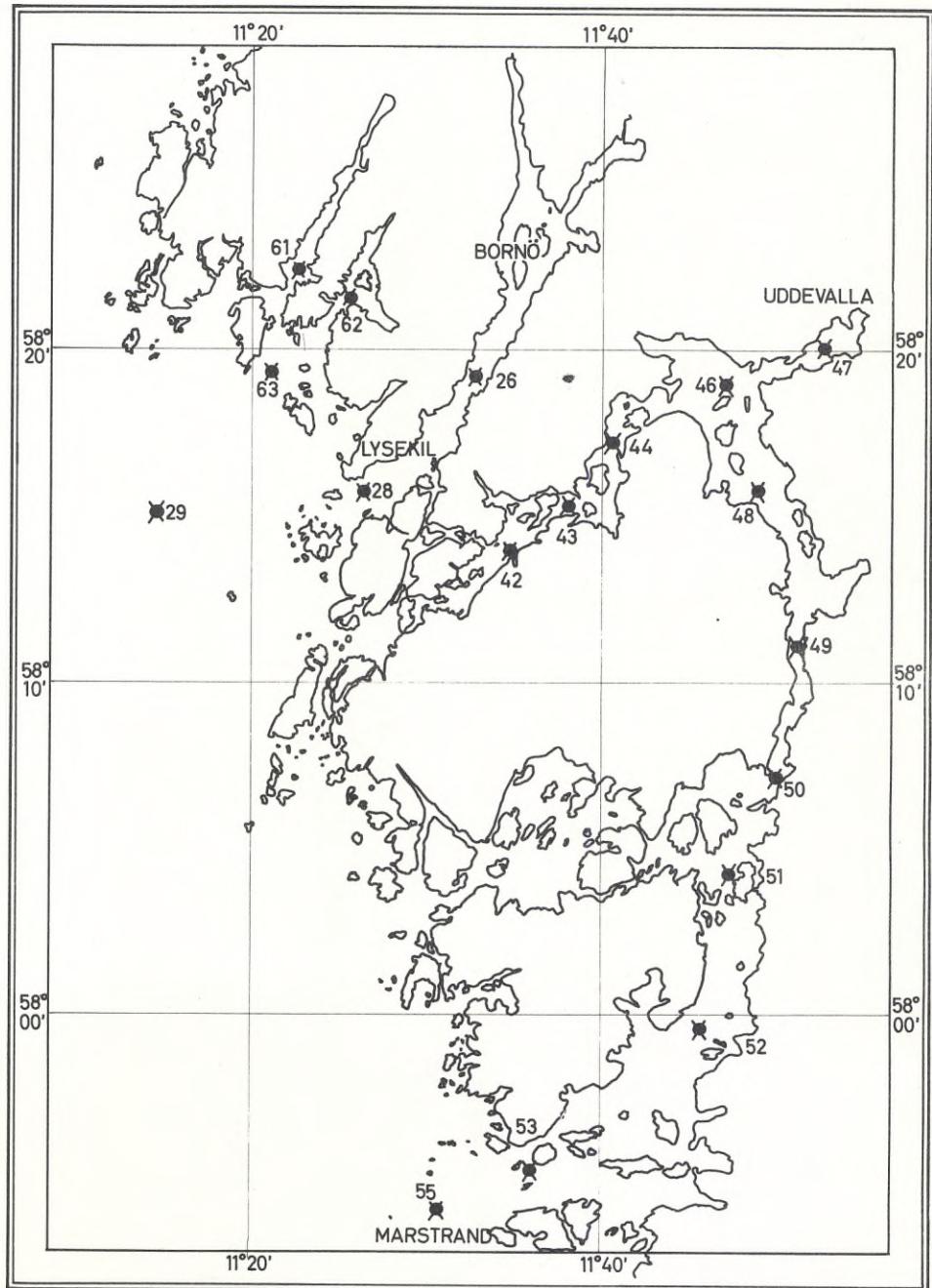
From this year the hydrographical measurements from some of the fiord stations (See Map) at which investigations have been carried out during many years are included. The salinity was determined by the salinometer mentioned above, oxygen according to Winkler, pH by glass electrode according to Buch and Nynäs, phosphate-phosphorus according to Murphy and Riley and hydrogen sulphide photometrically according to Fonselius.

Göteborg, April 1966

ARTUR SVANSSON



Positioner för svenska observerande fyrskipp.





# FINNGRUNDET

61° 04' N

18° 41' E

Januari

Observatör: E. STEFANSON

1964

E d	Wind Riktn. Syrka	Luft- temp. Riktn. cm sek.	Ström från 0 m Riktn. cm sek.	Ström från 30 m Riktn. cm sek.	Vatten temperatur i °C						Vatten saltinhalt i ‰						
					0 m	5 m	10 m	15 m	20 m	30 m	m	0 m	5 m	10 m	15 m	20 m	30 m
1	27	1	2.0	36	3	36	7	1.8	1.8	1.8	1.9	5.80	5.76	5.77	5.77	5.77	5.76
2	36	3	0.2	36	6	36	4	2.0									
3	20	7	1.4														
4	25	5	2.4	32	8	32	6	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9
5	32	3	2.8	32	9	32	11	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9
6	32	4	1.6	32	7	36	3	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9
7	25	5	-1.2	27	12	27	10	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
8	25	1	1.2	00	0	00	0	1.7									
9	23	7	-0.2														
10	29	3	2.2	32	7	32	11	1.6									
11	25	3	1.6	32	3	32	10	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
12	25	7	-1.2														
13	32	8	-1.0														
14	36	6	-1.4	36	11	32	13	1.7									
15	36	5	-3.0	05	11	05	9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
16	34	3	0.0	00	0	16	3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
17	32	5	2.4	32	7	32	12	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2
18	29	5	1.6	32	6	36	7	1.1									
19	29	5	2.0	32	18	32	18	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
20	27	1	1.2	00	0	36	2	1.2									
21	25	7	3.8	27	15	27	17	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2
22	29	5	2.4	32	17	32	12	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
23	25	5	1.4	00	0	32	4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
24	29	7	1.9														
25	32	8	-0.4														
26	25	5	-2.2	32	4	32	3										
27	36	9	-3.0														
28	23	7	-3.2														
29	23	7	0.8														
30	23	5	2.4	32	4	32	5										
31	20	4	1.4	23	6	36	3										
M	5	0.6						1.5	1.5	1.5	1.5	1.6			5.81	5.79	5.78

on

# FINNGRUNDET

61° 04' N<sup>v</sup>

Februari

18° 41' E

Observatör: E. STEFANSON

# FINNGRUNDET

Februari

1964

E d	Wind Riktin. Styrka	Luft- temp. Riktin. cm/sek.	Ström från 0 m Riktin. cm/sek.	Vattnets temperatur i °C						Vattnets salthalt i ‰ <sub>W</sub>						
				0 m	5 m	10 m	15 m	20 m	30 m	m	0 m	5 m	10 m	15 m	20 m	30 m
1	27	1	-0.4	0.9	2	0.0	0	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2	02	3	0.6	0.5	9	36	8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
3	20	5	0.0	27	4	16	5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8
4	32	1	1.2	32	7	32	10	0.8	0.8	0.7	0.7	0.8	0.8	0.8	0.8	0.8
5	34	6	-0.4	36	7	32	8	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8
6	34	9	-2.4	36	4	36	4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
7	34	6	-1.2	36	4	36	4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
8	25	4	2.2	25	7	32	8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
9	09	2	-0.6	36	8	36	12	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
10	20	6	-2.2	20	6	36	3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
11	05	5	-4.2	36	7	36	7	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
12	02	7	-8.6	36	7	36	7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
13	34	1	-6.8	36	19	36	19	0.1	0.1	0.2	0.2	0.4	0.4	0.4	0.4	0.4
14	20	1	-5.6	23	3	00	0	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4
15	14	3	-4.8	11	4	11	3	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3
16	02	2	-8.4	36	10	36	7	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
17	36	4	-5.2	02	5	36	8	0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.3	0.3
18	05	4	-7.4	36	18	36	10	0.3	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3
19	34	4	-3.6	36	11	36	12	0.1	0.1	0.2	0.1	0.2	0.3	0.3	0.3	0.3
20	23	3	-4.1	34	12	34	6	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3
21	32	2	1.0													
22	05	1	-0.6													
23																
24																
25																
26																
27																
28																
29																
30																
31																
M	4	-2.8						(0.4)	(0.4)	(0.4)	(0.4)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)

# FINngrundet

61° 04' N

Observator: E.A. ALM, E. STEFANSON

18° 41' E

1964

Maj

# FINNgrundet

Maj

E n g d	Vind	Luft- temp.	Ström från 0 m	Vatten temperatur i °C								Vatten salthalt i ‰							
				Riktin. Syrka	Riktin. cm/sek.	Riktin. cm/sek.	0 m	5 m	10 m	15 m	20 m	30 m	m	0 m	5 m	10 m	15 m	20 m	30 m
1	00	0	2.0	32	2	36	1	1.8	1.8	1.6	1.4	1.4	1.8	5.77	5.79	5.78	5.78	5.78	5.80
2	00	0	2.4	00	0	00	0	1.4	1.4	1.3	1.3	1.3	1.3	5.79	5.79	5.78	5.78	5.78	5.80
3	00	0	1.4	00	0	00	0	1.4	1.4	1.3	1.3	1.3	1.3	5.77	5.79	5.78	5.78	5.78	5.80
4	14	3	1.0	00	0	00	0	1.5	1.5	1.6	1.6	1.5	1.6	5.79	5.79	5.77	5.77	5.77	5.80
5	07	3	3.0	00	0	00	0	1.6	1.6	1.6	1.6	1.5	1.6	5.79	5.79	5.78	5.78	5.78	5.80
6	00	0	2.4	32	3	32	4	1.7	1.6	1.5	1.5	1.5	1.4	5.79	5.79	5.78	5.78	5.78	5.80
7	23	3	4.2	36	3	36	2	1.8	1.7	1.7	1.7	1.7	1.6	5.79	5.79	5.78	5.78	5.78	5.80
8	09	2	1.8	36	14	36	11	1.7	1.7	1.7	1.7	1.7	1.6	5.79	5.79	5.78	5.78	5.78	5.80
9	20	4	4.2	18	13	18	7	1.7	1.7	1.7	1.7	1.6	1.6	5.79	5.79	5.78	5.78	5.78	5.80
10	18	2	5.2	36	3	36	4	2.2	2.2	2.2	2.2	2.2	2.0	5.75	5.75	5.73	5.73	5.73	5.77
11	20	5	5.2	00	0	00	0	3.2	3.2	2.8	2.8	2.6	2.0	5.75	5.75	5.73	5.73	5.73	5.77
12	20	4	5.0	00	0	00	0	3.0	3.0	2.6	2.6	2.5	2.0	5.79	5.79	5.78	5.78	5.78	5.80
13	18	3	5.2	00	0	00	0	2.9	2.9	2.6	2.6	2.6	2.3	5.79	5.80	5.79	5.79	5.79	5.80
14	20	2	5.7	00	0	23	4	2.5	2.5	2.6	2.6	2.6	2.5	5.79	5.80	5.79	5.79	5.79	5.80
15	32	3	4.8	16	12	18	8	2.6	2.6	2.6	2.6	2.6	2.5	5.79	5.80	5.79	5.79	5.79	5.80
16	29	3	4.0	32	3	32	4	2.6	2.5	2.6	2.6	2.6	2.3	5.79	5.80	5.79	5.79	5.79	5.80
17	32	4	4.4	36	9	36	9	2.7	2.6	2.6	2.6	2.6	2.3	5.79	5.80	5.79	5.79	5.79	5.80
18	34	5	3.8	32	4	36	6	2.6	2.6	2.6	2.6	2.6	2.3	5.79	5.80	5.79	5.79	5.79	5.80
19	20.	2	5.4	00	0	00	0	2.5	2.4	2.4	2.4	2.3	2.4	5.79	5.79	5.78	5.78	5.78	5.80
20	14	1	4.0	07	4	00	0	2.6	2.6	2.6	2.6	2.6	2.6	5.79	5.79	5.78	5.78	5.78	5.80
21	36	2	5.6	36	3	36	3	2.8	2.8	2.6	2.6	2.6	2.6	5.79	5.79	5.78	5.78	5.78	5.80
22	36	1	4.8	00	0	00	0	3.0	3.0	2.6	2.6	2.6	2.5	5.79	5.80	5.79	5.79	5.79	5.80
23	18	3	7.8	00	0	18	4	4.1	4.1	3.7	3.2	2.8	2.6	5.79	5.79	5.78	5.78	5.78	5.80
24	00	0	5.5	00	0	00	0	3.8	3.8	3.3	3.3	2.8	2.8	5.79	5.79	5.78	5.78	5.78	5.80
25	00	0	10.0	00	0	00	0	4.6	4.0	3.7	3.3	2.8	2.8	5.76	5.76	5.75	5.75	5.75	5.80
26	09	1	9.2	00	0	00	0	4.9	3.8	3.2	3.2	2.7	2.7	5.76	5.76	5.75	5.75	5.75	5.80
27	16	2	9.8	00	0	00	0	6.5	5.2	5.2	4.0	3.1	3.0	5.76	5.76	5.75	5.75	5.75	5.80
28	32	3	9.0	27	12	27	7	7.5	6.2	5.4	3.9	3.2	3.0	5.76	5.76	5.75	5.75	5.75	5.80
29	34	2	9.0	00	0	00	0	6.2	5.6	5.4	4.4	3.0	2.8	5.76	5.76	5.75	5.75	5.75	5.80
30	02	2	7.0	32	6	27	3	6.2	5.5	5.5	4.4	3.0	2.8	5.76	5.76	5.75	5.75	5.75	5.80
31	36	3	6.4	00	0	00	0	5.5	5.5	5.5	4.4	3.0	2.8	5.76	5.76	5.75	5.75	5.75	5.80
M	2	5.1						3.2	3.0	2.9	2.6	2.3	2.2	5.76	5.76	5.75	5.75	5.75	5.80

# FINNGRUNDET

Juni

61° 04' N 18° 41' E

Observatör: E. STEFANSON

# FINNGRUNDET

1964

Juni

E	Wind	Lufttemp. Riktn.	Ström från Riktn.	Vatten temperatur i °C				Vatten saltinhalt i ‰															
				0 m			5 m			10 m			20 m			30 m			0 m				
				cm/sek.	cm/sek.	m	cm/sek.	cm/sek.	m	cm/sek.	cm/sek.	m	cm/sek.	cm/sek.	m	cm/sek.	cm/sek.	m	cm/sek.	cm/sek.	m		
1	23	1	9,2	2,3	2	0,0	0	5,6	5,4	5,0	4,6	4,2	3,0						5,79	5,79	5,78	5,79	
2	36	4	6,3	3,6	1,1	3,6	1,3	4,7															
3	05	7	6,4																				
4	34	2	4,4	3,6	7	3,6	8	3,8															
5	20	2	7,3	0,0	0	0,0	0	4,4	4,0	4,0	3,3	3,4	3,3										
6	18	4	7,0	1,8	4	1,8	3	4,6	4,6	4,6	4,2	4,2	3,4										
7	34	4	5,6	3,6	3	3,4	1,3	4,6	4,6	4,6	4,6	4,6	4,5										
8	09	4	6,0	0,0	0	0,5	1,3	4,6															
9	00	0	6,1	0,0	0	0,0	0	4,8	4,8	4,8	4,7	4,7	4,5										
10	32	2	8,6	3,2	4	3,6	6	5,4															
11	20	5	7,8	2,3	7	1,8	2	5,4	5,2	5,2	4,8	4,8	4,5										
12	23	4	10,0	2,3	11	3,4	5	6,2															
13	00	0	9,0		0	0,0	0	6,7	6,6	6,5	5,7	4,7	4,6										
14	16	3	10,3	1,4	5	1,8	2	6,8	6,3	6,0	5,9	5,2	4,7										
15	18	3	10,4	1,6	6	1,8	6	7,6	7,6	7,6	7,3	4,7	4,7										
16	20	5	10,0	2,3	6	3,2	4	7,3	7,2	7,2	7,2	4,7	4,4										
17	23	5	9,5	2,3	5	3,2	4	7,0	6,9	6,8	6,8	6,7	4,6										
18	32	3	9,0	3,2	3	3,2	6	7,3															
19	16	5	10,6	1,8	6	1,8	7	7,6	7,1	6,9	6,8	6,6	4,6										
20	18	3	10,4	0,0	0	1,6	2	8,4															
21	32	3	11,0	3,4	2	3,6	3	8,6	8,2	8,2	8,2	7,6	4,4										
22	05	3	10,2	1,4	9	0,5	6	9,6															
23	09	4	11,0	0,0	0	0,0	0	9,2	9,2	9,2	7,5	5,7	4,1										
24	20	5	11,9	2,3	7	0,0	0	9,2															
25	25	3	10,4	2,3	7	2,3	8	9,5	9,5	9,5	8,7	6,2	4,6										
26	32	1	11,0	0,5	3	0,5	6	9,9															
27	16	3	12,4	1,8	3	0,0	0	9,9	9,7	9,2	8,9	6,3	4,8										
28	25	5	12,6	2,3	6	1,8	4	10,0															
29	25	5	11,8	2,5	8	3,6	4	11,3	11,3	11,3	7,8	6,6	4,5										
30	34	5	10,6	3,6	7	3,6	7	11,5															
31																							
<b>M</b>		3	9,2					7,3	7,0	6,8	6,3	5,3	4,3						5,76	5,75	5,76	5,76	

# FINNGRUNDET

61° 04' N

18° 41' E

Juli

Observator: E. STEFANSON

1964

# FINNGRUNDET

Juli

E S G	Vind	Luft- temp.	Ström från 0 m	Vatten temperatur i °C							Vatten saltinhalt i ‰								
				Riktn. Riktn. Styrka	Riktn. cm/sek.	Riktn. cm/sek.	0 m	5 m	10 m	15 m	20 m	30 m	m	0 m	5 m	10 m	15 m	20 m	30 m
1	36	3	12,0	05	6	05	6	05	12,0	10,8	10,8	7,6	7,2	4,9					
2	20	4	13,0	18	7	18	3	12,5											
3	23	4	11,3	18	11	18	6	12,0											
4	36	3	12,5	05	2	05	4	12,4											
5	36	5	10,8	18	22	18	17	12,5	12,5	12,2	9,8	7,2	4,5						
6	16	3	13,5	00	0	0	0	12,7	12,7	12,7	9,3	4,3	4,1						
7	20	4	11,4	18	9	18	6	13,0	13,0	12,8	9,6	4,4	4,2						
8	16	3	13,0	18	2	00	0	13,0											
9	23	5	12,8	18	11	23	14	12,8	12,8	12,6	9,8	4,6	4,5						
10	20	5	13,4	18	7	18	5	13,4											
11	23	5	12,8	23	4	00	0	13,0	12,8	12,8	12,5	6,4	5,0						
12	18	4	13,4	32	4	36	6	13,2											
13	20	4	13,0	23	3	18	5	13,4	13,4	13,0	12,5	6,5	4,5						
14	07	1	14,8	18	3	00	0	13,5											
15	20	2	15,6	32	9	12	15,2	15,0	13,4	13,0	6,6	4,8							
16	18	3	16,2	18	4	18	3	14,8	14,0	13,6	11,6	7,0	4,6						
17	36	5	16,2	36	8	36	5	15,3	15,2	13,5	12,5	6,4	4,5						
18	32	2	15,8	00	0	00	0	15,4											
19	36	5	15,0	36	9	05	3	15,0	15,0	14,0	12,8	7,0	3,8						
20	09	4	15,4	14	9	02	4	15,1											
21	27	1	15,8	00	0	00	0	15,0	15,0	14,5	8,2	7,0	4,0						
22	11	3	15,8	00	0	00	0	15,0											
23	09	1	16,2	00	0	00	0	15,4	14,7	14,4	11,4	5,5	3,5						
24	09	3	16,0	18	6	14	3	15,8											
25	23	2	15,2	00	0	14	4	15,0	14,8	14,8	11,0	6,0	3,9						
26	36	4	14,2	00	0	02	4	15,0	15,2	15,0	13,0	6,3	3,9						
27	20	4	15,0	27	6	27	3	15,2	15,2	15,2	14,5	6,5	3,9						
28	25	5	14,9	27	22	27	7	15,0											
29	23	6	14,5	00	0	00	0	15,0											
30	32	6	10,8	00	0	00	0	14,8											
31	20	5	12,8	23	4	00	0	14,5	14,5	14,5	13,8	6,5	3,6						
M	4	14,0						14,1	13,9	13,5	11,3	6,2	4,2						

# FINNGRUNDET

Augusti

# FINNGRUNDET

61° 04' N

18° 41' E

Augusti

Observatör: E. STEFANSON

1964

D	E	Wind Riktn. Dir.	Luft- temp. Stryka	Ström från 0 m 30 m		Vattenets temperatur i °C						Vattenets salinhalt i ‰						
				Riktn. cm/sek.	Riktn. cm/sek.	0 m	5 m	10 m	15 m	20 m	30 m	m	0 m	5 m	10 m	15 m	20 m	30 m
1	23	6	13.1	23	10	27	8	13.8	13.8	13.8	13.8	3.4	5.51	5.51	5.53	5.69	5.75	5.75
2	14	3	10.5	14	8	18	7	13.8	13.5	13.6	13.6	3.3	5.52	5.52	5.53	5.66	5.71	5.77
3	34	6	12.2	36	20	36	11	13.5	13.5	13.6	14.4	4.1	5.52	5.52	5.53	5.66	5.71	5.77
4	14	2	14.0	14	3	36	4	13.3	13.3	13.4	13.5	4.2	4.1	4.1	4.1	4.2	4.2	4.2
5	34	5	12.8	36	6	36	7	13.4	13.5	13.5	13.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0
6	00	0	15.4	29	11	36	17	13.8	13.8	13.7	13.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8
7	36	4	14.0	36	11	36	6	13.6	13.6	13.6	13.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7
8	02	1	15.0	05	4	00	0	14.1	14.1	14.1	14.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7
9	07	3	15.6	05	9	05	3	14.6	14.5	13.8	13.8	3.1	3.1	3.1	3.1	3.1	3.1	3.1
10	36	3	15.2	36	6	00	0	14.7	14.7	14.7	14.7	3.1	3.1	3.1	3.1	3.1	3.1	3.1
11	05	2	15.6	34	7	02	4	14.6	14.6	14.6	14.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3
12	02	4	14.8	00	0	05	8	14.3	14.3	14.3	14.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0
13	07	2	13.0	09	6	36	8	14.4	14.4	14.4	14.4	4.0	4.0	4.0	4.0	4.0	4.0	4.0
14	23	4	12.8	23	13	18	9	14.4	14.4	14.4	14.4	4.0	4.0	4.0	4.0	4.0	4.0	4.0
15	36	4	12.6	36	6	00	0	13.7	13.7	13.7	13.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0
16	05	1	11.7	23	3	27	1	13.7	13.7	13.7	13.7	3.5	3.5	3.5	3.5	3.5	3.5	3.5
17	36	4	12.6	18	7	23	10	13.6	13.6	13.6	13.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
18	20	5	14.7	18	6	18	6	13.7	13.7	13.7	13.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6
19	16	6	15.6	32	6	23	6	13.8	13.8	13.8	13.8	3.6	3.6	3.6	3.6	3.6	3.6	3.6
20	14	3	14.9	32	6	32	6	13.0	13.0	13.0	13.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6
21	32	5	12.1	32	4	05	3	13.6	13.6	13.5	13.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6
22	32	5	10.0	32	7	36	4	13.2	13.2	13.2	13.2	3.6	3.6	3.6	3.6	3.6	3.6	3.6
23	27	4	11.4	32	8	36	4	12.5	12.5	11.8	11.8	3.6	3.6	3.6	3.6	3.6	3.6	3.6
24	23	5	13.6	25	6	25	3	12.4	12.4	12.4	12.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6
25	20	2	12.2	23	8	27	12	12.4	12.4	12.4	12.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5
26	32	3	11.2	36	7	02	6	11.6	11.6	11.7	11.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
27	23	4	14.4	20	10	20	8	11.5	11.5	11.5	11.5	2.9	2.9	2.9	2.9	2.9	2.9	2.9
28	05	5	11.2	32	14	05	8	11.2	11.2	11.2	11.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3
29	11	2	12.4	14	2	00	0	11.9	11.9	11.6	11.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7
30	18	6	11.6															
31	32	6	10.6															
M		4	13.1					13.4	13.3	13.1	13.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3

# FINNGRUNDET

61° 04' N

September

Observatör: E. STEFANSON

18° 41' E

1964

# FINNGRUNDET

September

E S G	Wind	Luft- temp.	Riktn. Styrka	Ström från		Vattenets temperatur i °C						Vattenets salthalt i ‰									
				Riktn. cm/sek.	Riktn. cm/sek.	0 m	5 m	10 m	15 m	20 m	30 m	m	0 m	5 m	10 m	15 m	20 m	30 m			
1	36	5	10.7	0.2	7	0.2	<u>29</u>	10.6	10.7	10.7	6.5	<u>3.4</u>	2.6			5.66	5.66	5.67	5.73	5.81	5.82
2	34	4	11.1	36	<u>17</u>	27	8	11.0													
3	32	2	11.4	32	6	32	3	11.0	10.6	10.4	<u>6.2</u>	5.4	3.0								
4	23	1	11.3	18	4	0.0	0	10.8													
5	18	2	10.9	14	4	0.0	0	10.9	<u>10.8</u>	10.7	<u>10.2</u>	8.7	4.0								
6	05	3	10.2	36	7	36	11	10.8	10.8	10.4	10.0	8.4	3.5								
7	18	2	11.2	23	3	23	4	10.7	10.7	10.7	9.5	7.6	3.3								
8	11	2	<u>11.8</u>	27	7	32	4	11.1													
9	34	6	8.4	0.0	0	0	<u>11.2</u>														
10	34	4	9.4	36	17	36	6	9.0													
11	32	4	9.0	32	6	32	9	10.4	10.4	10.4	10.2	3.9	3.6			5.58	5.58	5.59	5.59	5.60	5.70
12	02	2	9.6	20	2	18	1	10.4													
13	34	8	7.7	0.0	0	0.0	0	10.0													
14	23	5	9.4	14	9	18	4	9.5													
15	20	4	9.8	29	6	32	7	9.6	9.7	9.6	<u>8.4</u>	3.8	3.4								
16	23	2	9.6	0.0	0	34	3	8.7	8.7	8.7	8.7	8.6	4.6								
17	18	2	9.5	27	5	32	3	9.0													
18	32	7	8.6	0.0	0	0.0	0	9.6													
19	32	2,	9.7	36	3	36	4	<u>8.4</u>	<u>8.4</u>	<u>8.4</u>	8.4	7.7	3.2								
20	20	4	8.4	09	11	27	7	8.7													
21	05	1	9.0	27	8	29	7	8.9	8.9	8.9	8.7	8.4	<u>5.1</u>								
22	36	4	9.3	36	14	05	7	8.4													
23	23	6	9.0	23	6	23	4	8.4	8.4	8.2	8.2	8.2	5.0								
24	00	0	10.4	00	0	32	1	8.8													
25	23	3	10.4	23	3	00	0	9.2	9.0	8.9	8.8	8.7	3.8								
26	05	2	9.8	05	6	32	4	9.5	9.4	9.4	9.3	8.7	3.3								
27	14	4	10.0	18	8	18	6	9.6	9.6	9.4	9.3	8.8	3.3								
28	23	3	10.0	18	9	23	11	9.6													
29	23	5	11.0	23	14	29	7	9.5	9.5	9.5	9.5	8.8	3.5								
30	34	10	<u>7.2</u>	00	0	00	0	9.0													
31																					
M	4	9.8						9.7	9.7	9.6	8.8	7.3	3.7			5.62	5.63	5.62	5.68	5.78	

# FINNGRUNDET

Oktobr

1964

# FINNGRUNDET

Observatör: E. STEFANSON

61° 04' N

18° 41' E

Oktobr

E	Wind	Luft. temp.	Ström från 0 m	Ström från 30 m	Vattenets temperatur i °C						Vattenets salthalt i ‰									
					Riktn. cm/sek.	Riktn. cm/sek.	0 m	5 m	10 m	15 m	20 m	30 m	m	0 m	5 m	10 m	15 m	20 m	30 m	
1	34	4	6.8	32	11	25	<u>16</u>	7.0	7.0	7.0	7.0	7.0	4.6		5.71	5.73	5.73	5.72	5.72	5.80
2	29	2	7.6	36	8	36	<u>6</u>	7.4												
3	36	5	6.6	36	7	36	8	6.8	6.9	6.9	6.9	7.0	4.5							
4	27	4	8.6	18	6	18	10	6.6												
5	32	2	8.4	34	3	34	3	7.8	7.8	<u>7.8</u>	<u>7.6</u>	7.0	4.6							
6	25	2	7.8	00	0	36	1	7.0	7.0	6.8	<u>6.4</u>	4.4								
7	18	4	7.4	27	4	32	6	7.1	7.2	6.8	<u>6.4</u>	<u>4.2</u>								
8	14	6	<u>2.3</u>																	
9	14	2	8.8	27	6	23	4	7.5	7.5	7.5	7.5	7.5	4.5							
10	09	7	9.2																	
11	14	3	8.5	32	8	32	8	7.5	7.5	7.5	7.5	7.5	7.4							
12	14	2	7.6	00	0	32	2	7.6												
13	14	3	7.1	36	3	36	3	<u>7.9</u>	<u>7.9</u>	7.7	7.7	7.5	6.5							
14	05	6	7.3																	
15	20	4	8.2	32	3	32	6	7.4	7.4	7.4	7.4	7.3	4.5							
16	05	1	7.2	36	6	36	3	7.6	7.6	7.6	7.6	7.5	7.3							
17	05	4	7.6	36	8	34	6	7.6	7.6	7.6	7.6	7.5	5.6							
18	02	4	7.2	36	14	36	12	7.4												
19	23	2	6.9	23	<u>16</u>	23	11	7.3	7.3	7.3	7.3	7.1	5.1							
20	23	5	8.8	23	8	27	10	7.1												
21	34	2	8.4	36	4	36	7	7.6	7.6	7.6	7.6	7.6	<u>7.6</u>	<u>7.6</u>						
22	20	4	5.3	09	12	09	11	7.7												
23	18	3	8.0	00	0	00	0	7.2	7.2	7.2	7.2	7.0	6.6							
24	14	6	7.8																	
25	20	6	6.9																	
26	36	3	<u>4.1</u>	32	11	32	12	7.6	7.6	7.6	7.6	7.5	6.9							
27	27	4	5.0	32	9	36	7	7.2	7.2	7.2	7.2	7.2	6.0							
28	25	4	5.5	20	8	20	4	6.9												
29	25	3	5.2	36	3	36	3	6.9	6.9	7.1	7.1	7.1	5.8							
30	25	2	6.6	32	2	32	<u>3</u>	<u>6.2</u>	<u>6.2</u>	<u>6.5</u>	<u>6.5</u>	<u>6.4</u>	<u>6.3</u>							
31	25	5	6.9	36	10	36	11	6.5												
M	4	7.3						7.2	7.3	7.3	7.2	7.1	5.7							

## FINNGRUNDET

61° 04' N

18° 41' E

November

Observatör: E. STEFANSON

1964

Egn d	Vind Riktn. Syrka	Luft. Temp.	Ström från 0 m Riktn. cm/sek.	Vattnets temperatur i °C						Vattnets saltinhalt i ‰							
				0 m	5 m	10 m	15 m	20 m	30 m	m	0 m	5 m	10 m	15 m	20 m	30 m	
1	23	5	2.0	25	6	32	10	7.2	7.2	6.8	6.8	6.8	6.8	6.8	6.8	6.8	
2	25	2	5.4	32	13	32	7	6.6	6.6	6.4	6.3	6.3	6.3	6.3	6.3	6.3	
3	29	5	6.1	34	3	34	2	6.6	6.6	6.5	6.4	6.4	6.3	6.3	6.3	6.3	
4	32	7	7.4														
5	34	7	2.2														
6	20	8	2.8														
7	34	8	1.1														
8	02	4	0.0	36	13	00	0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
9	23	5	2.6	23	10	20	7	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
10	25	5	3.4	27	6	32	4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
11	36	5	4.8	02	16	00	0	5.0	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0
12	23	4	4.2	23	6	23	4	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
13	23	4	3.4	29	5	29	7	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
14	23	3	3.6	32	6	32	3	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
15	20	4	5.6	34	3	34	6	4.9	4.9	4.8	4.7	4.7	4.7	4.7	4.7	4.7	4.7
16	27	4	5.0	27	7	27	6	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
17	32	2	4.2	32	3	32	4	4.8	4.8	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8
18	36	6	3.0	02	7	02	8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
19	36	4	3.6	00	0	09	6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
20	11	2	2.6	05	6	05	9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
21	14	2	2.8	02	4	00	0	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
22	07	2	0.4	36	6	05	4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
23	25	3	3.0	00	0	34	2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
24	23	5	3.4	32	7	36	8	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
25	32	4	2.6	36	8	05	7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
26	34	7	3.2														
27	20	3	1.6	32	4	32	7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
28	36	1	2.4	36	3	32	6	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
29	36	4	0.8	36	8	02	4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
30	05	2	0.6	36	3	36	3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
31																	
M	4	3.1						5.0	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

# FINNGRUNDET

61° 04' N

18° 41' E

December

Observator: E. STEFANSON

1964

# FINNGRUNDET

December

1964

E d d	Wind Riktn. Stryka	Luft- temp. Riktn. cm/sek.	Ströms från 0 m Riktn. cm/sek.	Vatten temperatur i °C						Vattnets saltinhalt i ‰							
				0 m	5 m	10 m	15 m	20 m	30 m	m	0 m	5 m	10 m	15 m	20 m	30 m	
1	11	4	-0.2	32	3	29	6	3.9	3.9	3.6	5.72	5.72	5.71	5.71	5.71	5.71	
2	00	0	-0.6	00	0	00	0	3.6	3.9	3.9	5.72	5.72	5.71	5.71	5.71	5.71	
3	20	2	1.8														
4	14	6	2.4														
5	05	4	-0.2	05	10	36	9	3.7	3.6	3.6	5.63	5.63	5.63	5.63	5.63	5.63	
6	36	7	-0.4														
7	18	7	1.0														
8	23	4	4.0	05	8	36	20	3.4	3.4	3.4	5.68	5.68	5.67	5.70	5.68	5.68	
9	23	6	5.0	23	3	00	0	3.5	3.5	3.5	5.69	5.69	5.71	5.71	5.71	5.71	
10	23	5	5.6	29	8	32	6	3.3	3.3	3.3	5.68	5.68	5.69	5.69	5.69	5.69	
11	23	4	3.8	27	4	36	6	3.4	3.4	3.4	5.68	5.68	5.69	5.69	5.69	5.69	
12	23	4	2.4	32	7	36	4	3.4	3.4	3.4	5.68	5.68	5.67	5.70	5.68	5.68	
13	20	6	4.6	18	10	18	13	3.2	3.3	3.3	5.68	5.68	5.67	5.70	5.70	5.70	
14	34	8	1.2														
15	23	7	-0.6														
16	27	4	0.4	34	8	32	10	3.2	3.2	3.3	5.68	5.68	5.67	5.70	5.70	5.70	
17	25	5	1.8	36	6	36	4	3.8	3.8	3.2	5.68	5.68	5.67	5.70	5.70	5.70	
18	02	4	1.8	36	7	36	9	3.0	3.0	3.2	5.68	5.68	5.67	5.70	5.70	5.70	
19	02	5	-0.1	36	11	36	13	2.9	2.9	2.9	5.69	5.69	5.71	5.71	5.71	5.71	
20	09	3	-1.2	05	7	36	5	2.8	2.8	2.8	5.69	5.69	5.71	5.71	5.71	5.71	
21	11	1	-2.8	00	0	00	0	2.6	2.6	2.6	5.69	5.69	5.71	5.71	5.71	5.71	
22	32	5	4.0	32	8	34	11	2.6	2.6	2.5	5.68	5.68	5.69	5.69	5.69	5.69	
23	29	3	3.6	32	6	32	4	2.5	2.5	2.6	5.68	5.68	5.69	5.69	5.69	5.69	
24	27	2	0.2	36	4	34	4	2.6	2.6	2.6	5.68	5.68	5.69	5.69	5.69	5.69	
25	32	6	-0.6														
26	32	4	-1.2	36	6	36	4	2.5	2.5	2.6	5.68	5.68	5.69	5.69	5.69	5.69	
27	32	3	-1.6	32	4	32	7	2.3	2.3	2.3	5.68	5.68	5.69	5.69	5.69	5.69	
28	27	2	-1.0	29	2	27	2	2.3	2.3	2.4	5.68	5.68	5.69	5.69	5.69	5.69	
29	20	3	-3.4	18	6	23	7	2.2	2.2	2.4	5.68	5.68	5.69	5.69	5.69	5.69	
30	18	5	-3.2	18	3	14	3	2.0	2.0	2.4	5.68	5.68	5.69	5.69	5.69	5.69	
31	18	2	1.6														
M	5	0.9						3.0	3.0	3.0	5.68	5.68	5.69	5.69	5.69	5.69	

# SVENSKA BJÖRN

59° 33' N

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

Januari

20° 03' E

1964

E g	Vind Riktn. Stryka	Lufti. temp Riktn. cm/sek.	Ström från 0 m Riktn. cm/sek.	Vattenets temperatur i °C							Vattenets salthalt i ‰								
				0 m.	5 m	10 m	15 m	20 m	30 m	35 m	m	0 m	5 m	10 m	15 m	20 m	30 m	m	
1	20	3	2.0	1.4	3	0.0	0	2.3	2.5	2.5	2.6	3.0	3.7	6.36	6.35	6.34	6.36	6.56	6.61
2	36	5	1.4	3.6	6	0.2	6	2.3	2.3	2.6	2.6	2.6	3.1	3.3					
3	23	6	1.2	2.3	2.8	25	21	2.3	2.2	2.2	2.7	2.7	2.7	3.8					
4	27	6	2.2	3.6	7	0.2	2	2.2	2.2	2.2	2.7	2.7	2.7	3.3					
5	36	3	2.6	0.2	8	0.2	4	2.5	2.7	2.7	2.7	2.7	2.7	3.3					
6	32	3	1.0	2.9	11	34	3	2.3	2.6	2.6	2.6	2.6	2.7	3.3					
7	23	3	-1.8	2.3	12	23	8	2.2	2.2	2.2	2.3	2.3	2.5	3.0					
8	23	3	-1.0	0.2	2	0.0	0	2.0	2.0	2.0	2.0	2.0	2.0	2.5					
9	23	5	1.6	2.0	10	20	11	2.1	2.2	2.2	2.2	2.2	2.8	3.0					
10	32	3	1.0	0.5	24	0.2	15	2.2	2.2	2.2	2.2	2.2	2.2	2.5					
11	32	4	-1.0	0.5	12	05	4	1.7	1.9	1.9	1.9	1.9	2.0	2.7					
12	23	5	-0.9	1.6	24	18	20	1.8	2.0	2.0	2.0	2.0	2.1	2.3					
13	34	7	-1.0	0.9	18	09	14	2.0	2.0	2.0	2.0	2.0	2.1	2.5					
14	36	5	-2.5	0.9	7	07	8	1.8	1.8	1.8	1.8	1.8	1.9	2.0					
15	36	7	-3.2	20	12	23	8	1.8	1.8	1.8	1.8	1.8	1.8	2.0					
16	05	3	-2.8	0.9	4	11	2	1.7	1.7	1.7	1.8	1.8	1.8	2.0					
17	32	4	1.6	3.6	12	36	9	2.0	2.0	2.0	2.0	2.0	2.0	2.0					
18	29	3	1.0	0.0	0	0	0	1.9	1.9	1.9	1.9	1.9	1.9	2.0					
19	29	3	-0.5	0.9	9	07	8	1.6	1.7	1.7	1.7	1.7	1.9	2.0					
20	23	2	0.5	25	3	25	3	1.7	1.7	1.7	1.7	1.7	1.7	2.0					
21	25	6	3.0	32	40	32	32	1.6	1.6	1.6	1.7	1.7	2.2	2.5					
22	32	6	2.0	25	17	27	12	1.7	1.7	1.7	1.7	1.7	1.7	2.0					
23	27	3	0.6	25	2	00	0	1.9	1.9	1.9	1.9	1.9	2.0	2.1					
24	29	6	1.6	05	18	05	8	1.5	1.5	1.5	1.6	1.6	1.6	2.0					
25	34	8	1.0	3.6	49	36	34	1.5	1.5	1.5	1.6	1.6	1.6	2.2					
26	23	4	-1.5	27	36	40	15	1.5	1.5	1.5	1.6	1.6	1.7	2.0					
27	36	8	-2.4	05	49	05	46												
28	23	4	-3.4	23	39	23	36	1.8	1.8	1.8	1.9	1.9	1.9	2.0					
29	23	5	0.6	02	7	36	6	1.5	1.5	1.5	1.5	1.5	1.5	1.8					
30	20	6	2.0	02	13	36	10	1.3	1.3	1.3	1.3	1.3	1.3	1.4					
31	23	4	1.5	05	8	05	12	1.3	1.3	1.3	1.3	1.3	1.3	1.4					
M	5	0.2						1.9	2.0	2.0	2.0	2.1	2.1	2.5					

# SVENSKA BJÖRN

59° 33' N

20° 03' E

Februari

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

1964

# SVENSKA BJÖRN

Februari

1964

# SVENSKA BJÖRN

Februari

1964

Egn d	Vind Rikt. Styrka	Luft- temp. Riktin. cm/sec.	Ström från 0 m Riktin. cm/sec.	Vattenets temperatur i °C							Vattenets saltinhalt i ‰							
				0 m	5 m	10 m	15 m	20 m	30 m	35 m	m	0 m	5 m	10 m	15 m	20 m	30 m	35 m
1	23	2	1.2	36	7	36	3	1.0	1.0	1.0	1.2	1.8	2.0		6.32	6.33	6.33	6.34
2	36	2	1.4	05	9	09	6	1.2	1.1	1.2	1.3	1.4	2.0	<u>2.1</u>				
3	20	2	-1.0	27	12	27	9											
4	29	3	1.5	36	38	36	30	1.2										
5	29	4	-0.6	09	9	36	8	<u>1.3</u>	<u>1.3</u>	<u>1.3</u>	<u>1.3</u>	<u>1.8</u>	2.0	2.0				
6	36	2	-1.5															
7	27	5	-2.4	25	37	23	<u>43</u>	1.1	1.2	1.3	<u>1.4</u>	1.4	1.6	1.6	6.91	6.87	6.89	6.90
8	23	4	1.5	23	2	11	2	1.3										
9	09	3	-2.2	05	9	05	6	1.1	1.1	1.1	1.2	1.3	1.4	1.5				
10	18	4	-2.5	23	9	27	7	1.0										
11	05	5	-5.7	02	31	05	32	0.8	1.1	1.2	1.3	1.4	1.5	1.5	6.83	6.83	6.82	6.85
12	05	6	<u>-11.2</u>	05	18	07	12	0.7										
13	02	3	-10.9	16	12	18	4	0.8	0.8	0.8	1.1	1.1	1.1	1.1				
14	16	3	-5.1	02	2	00	0	0.4										
15	18	3	-4.0	00	0	00	0	0.5	0.5	0.5	0.5	0.7	1.0	1.1	1.3			
16	07	3	-7.2	09	4	00	0	0.4	0.6	0.7	0.8	0.9	1.0	1.1	7.02	7.02	7.03	7.03
17	05	3	-6.5	02	9	02	4	0.3	0.4	0.4	0.6	0.7	0.9	1.0				
18	05	4	-11.2	05	8	05	2	0.2										
19	23	3	-6.5	25	11	25	13	0.2	0.3	0.5	0.5	0.5	0.6	<u>0.6</u>				
20	29	1	-7.0	36	13	34	10	0.1										
21	34	3	0.5	36	13	36	12	0.0	0.2	0.2	0.3	0.4	1.0	1.1	6.91	6.93	6.90	6.97
22	20	1	0.0	23	2	16	2	0.0	0.0	0.0	0.4	0.5	0.6	0.7				
23	23	2	-2.2	32	2	00	0	-0.3	0.0	0.4	0.5	0.6	0.7	0.7				
24	20	3	-0.4	20	2	00	0											
25	16	2	-2.2	18	2	16	2	-0.3	-0.1	-0.1	0.2	0.4	0.6	0.6				
26	16	3	-0.8	18	8	18	4	-0.2	<u>-0.2</u>	-0.1	0.0	0.3	0.6	0.7	6.73	6.72	6.72	6.90
27	20	5	-0.8	23	11	20	4	-0.4	<u>-0.2</u>	-0.2	<u>-0.2</u>	<u>0.2</u>	<u>0.5</u>	<u>0.6</u>				
28	18	4	-0.6	36	2	00	0	-0.3	0.0	0.0	0.6	0.8	0.8					
29	16	2	-0.1	00	0	00	0	-0.2	0.0	0.0	0.0	0.6	1.2		6.79	6.78	6.78	6.80
30																		
31								0.5	0.5	0.6	0.7	0.9	1.1	1.2				
M		3	-3.0															

# SVENSKA BJÖRN

59° 33' N

20° 03' E

Mars

Observatör: K.H. HALLBOM

1964

Ett d	Wind Riktn. Dir.	Luft- temp. Riktn. Dir.	Ström från 0 m cm/sec.	Ström från 30 m cm/sec.	Väthets temperatur i °C						Väthets salthalt i ‰						
					0 m	5 m	10 m	15 m	20 m	30 m	35 m	m	0 m	5 m	10 m	15 m	20 m
1	14	3	-0.9	1.4	2	1.4	2	-0.3	0.0	0.0	0.5	0.8	0.8	6.20	6.13	6.16	6.97
2	34	2	-0.2	3.4	2	3.4	1	-0.3	0.0	0.0	0.5	0.8	0.8	6.20	6.13	6.16	6.97
3	05	3	-2.4	0.9	12	0.9	4	-0.2	0.0	0.0	0.2	0.6	0.6				
4	07	3	-2.7	0.7	3	0.7	3	-0.3	0.0	0.0	0.3	0.5	0.5				
5	09	2	-3.7	0.5	6	0.7	3	-0.3	-0.3	-0.1	0.2	0.3	0.5	0.6			
6	23	3	-4.0					-0.3	0.0	0.3	0.4	0.4	0.5	0.6			
7	25	4	-1.5	3.4	4	3.2	6	-0.4	-0.2	-0.1	-0.1	0.1	0.6	0.7			
8	25	4	-1.1	2.7	10	27	4	-0.4	-0.4	-0.1	-0.1	0.1	0.6	0.7			
9	27	4	1.2	0.0	0	3.6	3	-0.3	0.0	0.0	0.0	0.8	0.9				
10	32	2	0.8	3.2	8	32	8	-0.2	-0.2	0.1	0.1	0.3	0.4	0.6	0.7		
11	05	3	-1.1	3.6	14	0.2	12	-0.2	0.1	0.1	0.3	0.4	0.6	0.7			
12	05	2	-3.5	0.9	3	0.5	2	-0.2	-0.3								
13	09	2	-2.2														
14																	
15																	
16																	
17																	
18																	
19																	
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# SVENSKA BJÖRN

59° 33' N

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

20° 03' E

April

1964

# SVENSKA BJÖRN

April

Dag	Egn	Wind	Lufttemp.	Ström från		Vatten temperatur i °C							Vatten salthalt i ‰							
				Rikt.	Svkt.	0 m	5 m	10 m	15 m	20 m	30 m	35 m	m	0 m	5 m	10 m	15 m	20 m	30 m	35 m
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10	18	4	0.6	32	2	0.0	0	0.6	0.5	0.6	0.6	0.5	0.5	5.93	5.93	5.94	5.94	5.94	5.94	5.94
11	23	1	1.1	0.2	7	0.2	6	0.4	0.5	0.6	0.7	0.6	0.5							
12	23	2	1.6	32	2	0.0	0	0.7	0.7	0.8	0.8	0.6	0.6							
13	18	4	2.2	0.7	4	0.7	2	0.7	0.8	0.8	0.8	0.6	0.6							
14	20	2	1.5	0.7	2	0.7	2	0.7	0.8	0.9	1.0	0.8	0.6							
15	23	2	2.0	34	4	0.9	2	0.8	1.0	1.0	1.0	0.8	0.5							
16	23	2	3.1	0.2	4	0.0	0	1.2	1.2	1.2	1.2	0.8	0.6							
17	20	3	3.1	0.0	0	0	0	1.2	1.2	1.2	1.1	0.6	0.6							
18	20	4	4.0	32	7	32	7	1.5	1.5	1.5	1.5	0.7	0.7							
19	20	3	4.1	29	3	29	7	1.4	1.4	1.5	1.5	0.7	0.7							
20	18	2	3.0	0.5	3	0.5	3	1.5	1.5	1.5	1.5	0.7	0.7							
21	20	2	2.9	0.5	3	0.7	2	1.7	1.8	1.8	1.8	1.1	0.7							
22	02	2	3.2	0.2	8	0.2	4	1.7	1.7	1.8	1.8	1.1	0.7							
23	02	3	1.8	0.2	9	0.2	7	1.8	1.9	1.9	1.9	1.1	0.7							
24	29	3	3.0	36	6	0.0	0	2.0	2.0	2.0	2.0	1.7	0.8							
25	36	4	0.3	36	3	36	2	1.7	1.8	1.8	1.8	1.7	0.8							
26	23	4	2.7	32	5	32	2	2.0	2.0	2.0	2.0	1.9	0.8							
27	23	3	3.3	18	7	0.0	0	2.1	2.2	2.2	2.2	1.5	0.9							
28	16	1	5.1	36	2	0.0	0	2.2	2.2	2.2	2.2	1.3	1.0							
29	16	4	5.0	29	4	27	7	2.3	2.2	2.2	2.0	1.3	1.0							
30	20	5	4.6	29	14	29	9	2.6												
31																				

# SVENSKA BJÖRN

59° 33' N

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

20° 03' E

Maj

1964

# SVENSKA BJÖRN

Maj

E n d a g	Vind Rikt. Svika	Luft- temp. Rikt. cm/sek.	Ström från 0 m Rikt. cm/sek.	Vattnets temperatur i °C						Vattnets salthalt i ‰								
				0 m			5 m			10 m			15 m			20 m		
				0 m	5 m	10 m	0 m	5 m	10 m	0 m	5 m	10 m	0 m	5 m	10 m	0 m	5 m	10 m
1	23	3	3.8	0.0	0.0	0.0	2.8	2.8	2.8	2.7	2.7	2.7	1.5	1.1	1.0	1.0	1.0	1.0
2	23	2	3.5	0.5	3	0.2	4	2.9	3.1	2.9	2.7	2.7	1.5	0.9	1.0	1.0	1.0	1.0
3	0	0	2.6	3.4	7	36	6	3.1	3.0	3.0	3.0	3.0	2.6	1.8	1.1	1.0	1.0	1.0
4	16	3	1.5	32	4	34	6	3.0	3.0	3.0	3.0	3.0	3.0	2.9	1.4	1.2	1.0	1.0
5	09	2	4.5	0.9	8	07	10	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.4	1.4	1.3	1.1
6	25	1	3.5	32	12	32	10	3.1	3.0	3.0	3.0	3.0	3.0	2.9	1.4	1.2	1.0	1.0
7	23	3	5.6	02	5	02	3	3.4	3.2	3.1	3.1	3.1	3.0	2.9	1.4	1.3	1.1	1.1
8	14	3	3.5	27	4	25	6	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.4	1.4	1.3	1.1
9	23	4	5.5	32	19	32	13	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.4	1.4	1.3	1.1
10	20	1	5.6	02	3	00	0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	2.4	1.4	1.3	1.1
11	23	3	6.2	02	9	34	6	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.4	1.4	1.3	1.1
12	20	3	5.7	00	0	36	3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	2.4	1.4	1.3	1.1
13	18	1	7.2	02	3	00	0	4.6	4.6	4.6	4.6	4.6	4.6	4.6	2.4	1.4	1.3	1.1
14	23	2	6.2	05	5	02	3	4.6	4.6	4.6	4.6	4.6	4.6	4.6	2.4	1.4	1.3	1.1
15	32	3	6.1	36	23	34	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	2.4	1.4	1.3	1.1
16	34	4	4.7	02	34	36	19	4.8	4.8	4.8	4.7	4.7	4.7	4.7	2.4	1.4	1.3	1.1
17	34	3	5.6	05	18	05	13	5.2	5.2	5.2	5.1	5.1	5.1	5.1	2.4	1.4	1.3	1.1
18	34	4	6.8	09	27	07	22	5.1	5.1	5.1	5.1	5.1	5.1	5.1	2.4	1.4	1.3	1.1
19	36	1	8.8	34	10	32	7	5.5	5.3	5.3	4.6	4.6	4.6	4.6	2.4	1.4	1.3	1.1
20	27	1	7.3	05	3	00	0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.4	1.4	1.3	1.1
21	34	2	10.2	05	22	05	19	6.0	5.8	5.8	5.3	5.0	5.0	5.0	2.4	1.4	1.3	1.1
22	34	1	8.8	36	18	36	14	6.4	6.4	6.4	6.3	6.3	6.3	6.3	2.4	1.4	1.3	1.1
23	09	1	8.6	36	9	34	5	7.7	7.7	7.7	7.3	7.3	7.3	7.3	2.4	1.4	1.3	1.1
24	18	1	9.8	05	12	05	5	8.1	8.1	8.1	7.7	7.7	7.7	7.7	2.4	1.4	1.3	1.1
25	00	0	13.4	34	10	34	4	8.3	8.3	8.3	7.2	7.2	7.2	7.2	2.4	1.4	1.3	1.1
26	36	2	12.6	34	2	34	4	8.0	8.0	8.0	6.0	6.0	6.0	6.0	2.4	1.4	1.3	1.1
27	14	2	13.4	25	7	00	0	4.3	4.3	4.3	8.6	8.6	8.6	8.6	2.4	1.4	1.3	1.1
28	18	2	13.0	36	7	34	4	10.2	10.2	10.2	5.7	5.7	5.7	5.7	2.4	1.4	1.3	1.1
29	25	2	10.7	02	8	34	4	9.9	9.9	9.9	4.2	4.2	4.2	4.2	2.4	1.4	1.3	1.1
30	23	3	10.6	34	14	34	11	8.0	8.0	8.0	8.7	8.7	8.7	8.7	2.4	1.4	1.3	1.1
31	09	2	10.4	07	3	00	0	8.8	8.8	8.8	8.5	8.5	8.5	8.5	2.4	1.4	1.3	1.1
<b>M</b>	<b>2</b>	<b>7.3</b>						<b>5.4</b>	<b>5.2</b>	<b>5.2</b>	<b>4.3</b>	<b>2.9</b>	<b>1.9</b>	<b>1.5</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>

# SVENSKA BJÖRN

59° 33' N

Observatör: K.H. HALLBOM, B. EDLUND

20° 03' E

Juni

1964

# SVENSKA BJÖRN

Juni

1964

20° 03' E

E d	Vind Riktn. Svarta	Luft- temp. Riktn. cm/sek.	Ström från 0 m Riktn. cm/sek.	Vatten temperatur i °C										Vatten salthalt i ‰							
				0 m Riktn. cm/sek.	5 m Riktn. cm/sek.	10 m Riktn. cm/sek.	15 m Riktn. cm/sek.	20 m Riktn. cm/sek.	30 m Riktn. cm/sek.	35 m Riktn. cm/sek.	0 m Riktn. cm/sek.	5 m Riktn. cm/sek.	10 m Riktn. cm/sek.	15 m Riktn. cm/sek.	20 m Riktn. cm/sek.	30 m Riktn. cm/sek.	35 m Riktn. cm/sek.				
1	11	3	8.5	36	16	36	7	7.8	7.8	4.9	2.8	2.7	2.4	2.0	6.05	6.06	6.18	6.40	6.46	6.70	6.81
2	32	1	8.7	36	14	36	9	9.3													
3	09	7	9.5	11	33	14	9	7.7	7.7	7.4	7.1	5.0	2.2	2.0							
4	32	2	6.8	0	0	34	2	7.0													
5	27	2	8.5	27	3	27	1	8.0	7.8	7.6	7.6	6.7	2.8	2.4							
6	18	4	10.0	18	8	27	2	7.8	7.6	7.5	7.2	7.1	2.7	2.0							
7	34	3	10.5	02	28	02	14	7.8	7.7	6.9	7.2	6.7	3.9	3.0							
8	14	3	9.0	18	16	14	7	8.5													
9	14	2	8.8	09	7	00	0	8.5	8.4	7.9	6.6	4.5	3.8	2.7							
10	05	1	11.4	05	13	02	11	8.5													
11	16	2	10.4	32	8	32	2	8.2	8.4	8.2	6.8	5.6	4.8	4.6							
12	23	3	11.3	36	8	32	12	9.2													
13	09	1	11.6	05	11	05	8	10.4	8.4	8.2	6.8	4.2	3.8								
14	14	2	12.8	32	3	32	4	10.8													
15	18	4	13.8	36	14	05	10	9.8	9.6	6.9	4.0	3.8	4.1	3.0							
16	23	5	11.5	27	10	27	22	10.2													
17	23	5	11.0	36	19	05	8	9.8	9.2	9.0	7.8	4.6	3.8	2.8							
18	32	1	12.4	36	7	32	16	9.8													
19	18	2	11.8	32	11	32	16	9.7	9.4	8.2	5.4	4.4	4.2	3.2							
20	16	2	10.8	09	12	36	3	9.2													
21	29	1	13.4	36	17	05	29	11.7	9.6	8.8	6.2	5.2	3.8	2.8							
22	07	3	12.7	09	27	36	4	11.1													
23	09	1	12.2	05	8	05	14	11.7	11.4	8.8	5.0	4.3	4.0	3.8							
24	18	7	12.6					10.3													
25	23	2	11.8	36	16	05	13	12.2	11.4	10.0	6.6	5.4	5.1	4.8							
26	32	1	14.4	32	10	36	14	11.8	11.0	10.7	7.4	5.6	4.4	3.9							
27	23	3	13.6	32	14	27	16	13.7	11.8	9.2	5.4	4.8	4.1	3.8							
28	23	4	13.3	32	8	32	20	12.0													
29	20	3	12.8	36	14	32	16	11.8	11.7	7.0	5.6	5.2	4.7	4.0							
30	32	4	12.7	27	21	09	31	11.8													
31																					
M	3	11.3						9.9	9.3	8.1	6.2	5.2	3.8	3.2							

# SVENSKA BJÖRN

59° 33' N

20° 03' E

Juli

Observatör: B. EDLUND

1964

# SVENSKA BJÖRN

Juli

D	E	Vind	Luft- temp. Riktn. Sjöka	Ström från 0 m 30 m			Vattnets temperatur i °C						Vattnets salthalt i ‰									
				Riktn.	cm sek.	Riktn.	0 m	5 m	10 m	15 m	20 m	30 m	35 m	m	0 m	5 m	10 m	15 m	20 m			
1	00	0	15,5	00	0	0	32	8	15,0	11,8	6,6	5,6	4,7	3,6	3,3	5,99	6,01	6,39	6,70	6,79	6,90	7,10
2	20	2	14,8	32	13	27	21	12,2														
3	25	5	12,8	36	4	36	25	13,6	12,4	8,6	5,4	5,2	2,9	2,6								
4	20	2	12,8	36	10	36	8	12,3														
5	36	1	14,7	36	21	09	13	12,7	12,9	7,8	5,2	4,8	3,7	2,7								
6	18	2	14,0	32	13	32	19	13,5	12,8	5,6	5,7	4,2	3,6	3,4								
7	25	3	13,6	00	0	32	14	15,4	12,7	11,8	7,7	5,3	3,7	3,4								
8	16	1	13,2	00	0	00	0	13,0														
9	23	5	13,6					12,0	11,6	7,7	5,8	4,9	4,2	3,2								
10	20	5	13,3	32	11	32	19	12,4	12,1	11,8	7,6	4,9	4,2	3,2								
11	16	2	13,0	05	14	09	13	13,4	12,6	12,5	11,8	4,7	2,8	2,8								
12	20	3	15,0	36	19	36	21	12,6														
13	14	4	14,6	32	14	36	8	13,5	12,9	12,2	6,4	4,7	3,4	3,0								
14	07	1	15,4	00	0	05	16	12,7	12,6	7,6	6,5	6,4	4,2	3,6								
15	34	1	19,2	05	12	05	10	15,6	13,6	9,8	6,4	6,2	4,2	3,7								
16	00	0	20,0	00	0	00	0	16,8	14,8	10,4	8,4	6,5	4,3	4,3								
17	14	2	18,4	09	9	09	6	17,6	15,2	12,6	9,3	7,4	4,8	4,2								
18	05	2	19,3	09	17	36	14	17,0														
19	02	1	20,6	05	22	05	29	18,5	16,2	14,6	8,7	6,8	5,2	3,9								
20	14	2	17,8	00	0	00	0	17,6														
21	32	2	17,4	09	12	05	14	17,4	17,2	14,2	11,5	7,4	6,1	5,2								
22	09	5	17,3	09	20	05	26	16,5														
23	09	4	18,4	36	11	05	10	16,9	16,4	16,2	8,7	6,4	4,7	4,3								
24	14	3	16,4	00	0	00	0	16,0														
25	16	2	18,8	00	0	09	16	17,5	16,4	16,5	7,9	5,7	3,4	3,4								
26	27	1	16,9	00	0	36	21	16,7	16,3	14,8	7,4	5,2	5,1	3,8								
27	23	3	17,8	32	10	00	0	17,4	16,3	16,1	7,0	4,8	4,3	3,1								
28	23	1	16,6	32	18	32	7	15,6														
29	23	8	15,0					15,4	14,8	14,2	8,3	4,7	4,2	3,3								
30	34	4	12,8	05	29	05	29	13,6														
31	23	3	14,0	27	12	27	18	14,8	14,8	14,4	7,3	5,2	3,7	3,3								
M	3	15,9						15,0	14,1	11,7	7,6	5,5	4,1	3,5								

# SVENSKA BJÖRN

59° 33' N

Observatör: K.H. HALLBOM, B. EDLUND

20° 03' E

Augusti

# SVENSKA BJÖRN

Augusti

1964

20° 03' E

E G Q	Wind Rikt. Dir.	Luft- temp. Rikt. Dir.	Ström från 0 m cm/sek.	Vatten temperatur i °C						Vatten saltinhalt i ‰						
				0 m cm/sek.	5 m cm/sek.	10 m cm/sek.	15 m cm/sek.	20 m cm/sek.	30 m cm/sek.	35 m cm/sek.	0 m m	5 m m	10 m m	15 m m	20 m m	30 m m
1	20	6	12.5	32	20	32	10	13.8	13.7	9.8	5.8	4.0	3.2			
2	20	5	11.5	36	7	36	21	13.7	13.7	9.8	6.7	4.0				
3	32	5	13.2	0.9	13	0.9	15	13.7	13.7	10.6	6.1	4.7	3.4			
4	23	3	14.1	36	2	27	6	13.7								
5	36	7	14.0	0	0	0	2	13.6	12.6	12.5	5.0	4.4	3.6	3.0		
6	02	2	14.0	0.0	0	0.2	13	12.9	12.9	14.6						
7	34	4	13.0	0.2	14	0.2	13	14.2	13.9	9.4	6.6	4.5	3.8			
8	32	1	18.6	36	9	36	9	14.2	13.9	10.5	6.1	4.0				
9	00	0	17.2	0.9	5	0.2	9	14.2	13.9	10.5	6.1	4.0				
10																
11	05	2	16.8	0.5	11	0.2	12	15.0	14.7	10.7	7.6	5.5	4.5	3.6		
12	02	2	18.3	0.0	0	0	0	15.3	14.8	14.9	7.8	5.1	4.7	4.6		
13	07	3	13.4	0.9	5	0.7	4	14.8	14.9	14.7	7.8	5.1	4.7	4.6		
14	32	1	15.0	36	4	36	4	15.0								
15	18	2	14.2	34	7	34	8	13.2	12.7	11.4	6.0	6.1	4.0	3.2		
16	23	3	15.0	32	24	34	7	13.9	14.0	12.4	7.5	6.4	5.1	4.5		
17	36	2	13.9	36	16	36	14	13.9	14.0	12.0	8.4	7.5	5.4	3.3		
18	18	4	15.4	32	12	32	5	14.7								
19	16	5	16.0	32	7	34	4	14.3	14.2	12.0	6.9	6.5	4.3	3.3		
20	16	3	15.5													
21	20	3	14.1	27	9	29	4	14.3	14.2	13.9	6.0	5.4	4.5	4.0		
22	29	5	11.0	29	8	34	5	14.2	14.2	14.0	8.5	5.3	4.4	3.6		
23	25	5	12.8	29	9	29	6	13.9	14.2	14.0						
24	25	6	14.5	32	22	29	7	13.4								
25	23	4	14.2	29	9	23	2	13.3	13.5	13.4	12.8	5.5	3.3	2.9		
26	29	2	12.7	29	2	34	7	12.9	12.9	12.9	7.7	6.1	4.2	3.8		
27	23	5	15.2	32	13	32	6	13.3	13.4	12.7	9.6	6.5	3.8	3.7		
28	32	1	16.2	34	10	36	5	13.6								
29	05	2	14.2	34	3	36	3	13.4	13.4	13.5	8.4	5.7	4.1	3.6		
30	23	7	11.9	2.8	34	28	36	25	10.4	10.5	10.5	10.3	4.3	3.7		
31	29	5	2.8													
M		4	14.3													

# SVENSKA BJÖRN

59° 33' N

20° 03' E

September

Observatör: K.H. HALLBOM

1964

E d d	Vind Riktn. Sytak Q	Luft- temp. Riktn. cm/sek.	Ström från 0 m Riktn. cm/sek.	Vätnets temperatur i °C						Vätnets saltinhalt i ‰											
				0 m	5 m	10 m	15 m	20 m	30 m	35 m	m	0 m	5 m	10 m	15 m	20 m	30 m	35 m			
1	34	4	10.8	0.5	7	0.0	0	10.3	10.4	10.5	8.7	5.1	4.7	4.2	6.16	6.16	6.20	6.35	6.72	7.02	7.11
2	32	3	12.4	0.2	12	36	6	10.7	10.5	10.0	9.9	6.8	5.3	4.2							
3	32	1	12.6	0.2	22	02	16	10.5	10.5	10.2	10.2	6.7	4.6	4.1							
4	23	2	11.5	32	6	00	0	10.6	10.4	8.0	8.2	6.7	4.6	4.1							
5	18	2	12.2	36	5	36	5	10.6	10.4	11.6	11.6	6.1	4.4	4.3							
6	07	1	12.7	02	9	36	9	11.6	11.6	10.0	10.6	6.1	4.3	4.3							
7	18	2	11.5	25	6	23	2	11.5	11.5	11.0	10.7	6.5	4.7	4.3							
8	18	2	12.3	36	3	02	3	12.7	12.7	11.5	11.5	6.5	4.7	4.3							
9	34	5	9.7	02	38	36	20	11.5	11.5	11.4	8.9	7.0	5.9	4.6							
10	29	2	10.3	36	4	36	6	11.1	11.1	11.3	11.3	8.2	6.6	4.7							
11	32	2	11.6	02	29	02	18	10.5	10.7	11.3	11.3	8.2	6.6	4.7							
12	14	3	11.2	05	6	05	4	10.8	10.8	10.7	10.7	10.5	10.5	7.2							
13	32	2	7.7	36	24	02	18	10.4	10.6	10.7	10.7	10.5	10.5	7.2							
14	27	4	9.8																		
15	18	3	11.0																		
16	20	3	12.0	32	13	32	4	10.5	10.5	10.4	8.8	8.7	6.2	5.7							
17	09	5	11.8	02	7	36	11	10.7	10.7	10.5	10.2	8.2	6.2	5.1							
18	27	6	10.1	36	11	36	26	10.1	10.1	10.0	10.0	9.6	6.1	5.5							
19	27	2	10.0	34	12	34	6	10.2	10.3	10.3	10.3	10.0	10.0	6.4							
20	14	3	10.6	32	2	02	2	10.2	10.2	10.1	10.1	10.2	10.2	6.03							
21	27	4	9.3	34	14	34	13	10.2	10.1	10.2	10.0	9.6	6.1	5.5							
22	27	2	9.7	02	12	02	12	10.0	10.0	10.1	10.1	10.0	10.0	6.03							
23	23	5	10.4	27	3	27	6	10.1	10.1	10.1	10.1	10.0	10.0	6.03							
24	25	2	11.2	02	5	02	4	10.2	10.2	10.0	10.2	8.8	5.4	5.2							
25	23	3	11.2	25	3	32	4	2.9	10.0	10.0	10.2	8.8	5.4	5.2							
26	34	1	10.4	36	15	36	8	10.1	10.0	10.1	8.7	7.3	6.1	5.5							
27	14	3	10.8	00	0	00	0	10.1	10.1	9.8	9.8	6.7	6.2	5.6							
28	23	3	10.7	07	2	36	5	10.2	10.1	10.1	10.1	8.8	6.0	5.0							
29	23	6	11.0	27	18	29	10	10.1	10.1	10.1	10.1	8.8	6.0	5.0							
30	34	8	8.4																		
31																					
M	3	10.8						10.6	10.5	10.3	9.8	7.9	5.7	5.0							

# SVENSKA BJÖRN

Oktöber

## SVENSKA BJÖRN

59°33' N

Observatör: K.H. HALLBOM, B. EDLUND

Oktöber

20° 03' E

D	E	Wind	Lufttemp.	Sjöström från		Vattentemperatur i °C						Vattentempsalithalt i ‰									
				Rdm.	Systa	0 m	5 m	10 m	15 m	20 m	30 m	35 m	m	0 m	5 m	10 m	15 m	20 m	30 m	35 m	
1	29	3	6.6	29	7	23	18	7.8	7.9	8.0	8.0	7.9	7.5	6.7	6.58	6.54	6.55	6.55	6.66	6.84	
2	32	3	8.7	02	32	02	21	9.0	9.5	9.5	9.5	9.5	9.5	9.5	6.1	6.1	6.1	6.1	6.1	6.84	
3	36	6	7.6	05	36	05	36	7.8	7.8	7.9	7.9	7.9	7.9	7.9	6.2	6.2	6.2	6.2	6.2	6.88	
4	32	4	8.0	34	19	34	9	7.6	7.6	7.4	7.3	7.1	7.8	6.2	6.0	6.0	6.0	6.0	6.0	6.88	
5	29	2	9.5	05	11	05	11	8.2	7.4	7.3	7.1	7.1	7.8	6.2	6.0	6.0	6.0	6.0	6.0	6.88	
6	25	3	8.4	05	8	07	3	8.5	8.3	8.0	7.8	7.3	7.3	6.5	6.7	6.7	6.7	6.7	6.7	6.88	
7	18	3	9.5	16	8	16	3	8.7	7.8	7.3	8.6	7.9	7.1	6.4	6.4	6.4	6.4	6.4	6.4	6.88	
8	16	6	10.3	23	17	36	19	8.6	8.6	8.6	8.6	8.6	8.6	8.6	6.4	6.4	6.4	6.4	6.4	6.88	
9	14	3	10.3	00	0	00	0	8.1	7.7	7.5	7.5	7.5	7.2	7.0	6.8	6.8	6.8	6.8	6.8	6.88	
10	14	7	10.5	10.5				8.6	8.6	8.6	8.6	8.6	8.6	8.6	5.8	5.8	5.8	5.8	5.8	6.90	
11	16	2	9.6	00	0	32	7	9.6	9.8	9.8	9.8	9.8	9.8	9.8	5.8	5.8	5.8	5.8	5.8	6.88	
12	20	1	8.6	05	10	05	7	8.5	8.5	8.5	8.5	8.5	8.5	8.5	5.9	5.9	5.9	5.9	5.9	6.88	
13	14	5	8.4	00	0	23	17	8.8	8.8	8.8	8.8	8.8	8.8	8.8	6.1	6.1	6.1	6.1	6.1	6.88	
14	09	5	10.0	14	22	09	32	9.6	9.6	9.6	9.6	9.6	9.6	9.6	5.9	5.9	5.9	5.9	5.9	6.88	
15	20	4	8.8	27	16	32	18	8.8	8.8	8.6	8.6	8.6	8.6	8.6	7.4	7.4	7.4	7.4	7.4	6.90	
16	11	2	9.2	00	0	00	0	8.9	8.9	8.8	8.8	8.8	8.8	8.8	7.2	7.2	7.2	7.2	7.2	6.73	
17	07	2	8.2	00	0	05	12	8.4	8.4	8.5	8.5	8.5	8.5	8.5	6.8	6.8	6.8	6.8	6.8	6.88	
18	36	1	9.2	00	0	0	0	8.8	8.8	8.8	8.8	8.8	8.8	8.8	6.8	6.8	6.8	6.8	6.8	6.88	
19	27	2	6.5	18	8	18	15	7.4	7.2	7.8	7.8	7.8	7.3	7.3	7.0	7.0	7.0	7.0	7.0	6.88	
20	20	7	8.5	32	19	32	15	8.2	8.2	8.0	7.8	7.8	7.8	7.8	6.2	6.2	6.2	6.2	6.2	6.88	
21	05	3	8.5	09	21	14	25	8.2	8.2	8.2	8.2	8.2	8.2	8.2	6.8	6.8	6.8	6.8	6.8	6.88	
22	14	1	9.2	00	0	23	15	8.2	8.2	8.2	8.2	8.2	8.2	8.2	6.8	6.8	6.8	6.8	6.8	6.88	
23	18	5	8.9	09	22	09	32	7.5	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.88		
24	18	6	9.6	18	12	23	15	8.2	8.2	8.2	8.2	8.2	8.2	8.2	7.1	7.1	7.1	7.1	7.1	6.92	
25	20	3	8.1	36	12	32	26	7.7	7.7	7.9	7.9	7.9	7.9	7.9	7.6	7.6	7.6	7.6	7.6	6.71	
26	36	4	6.5	09	25	09	15	7.5	7.5	7.8	8.0	8.1	8.1	8.1	7.5	7.5	7.5	7.5	7.5	6.71	
27	25	5	4.5	27	18	27	12	7.8	7.8	7.9	8.0	8.0	8.0	8.0	6.4	6.4	6.4	6.4	6.4	6.88	
28	25	4	7.0	23	24	23	12	7.9	7.9	8.0	8.0	8.0	8.0	8.0	6.4	6.4	6.4	6.4	6.4	6.88	
29	25	3	6.5	00	0	27	11	7.9	7.8	7.8	7.8	7.8	7.8	7.8	6.4	6.4	6.4	6.4	6.4	6.88	
30	23	2	7.2	00	0	32	23	7.6	7.6	7.6	7.6	7.6	7.6	7.6	6.4	6.4	6.4	6.4	6.4	6.88	
31	23	4	6.1	18	8	18	22	7.7	7.5	7.6	7.6	7.6	7.6	7.6	6.4	6.4	6.4	6.4	6.4	6.88	
M	4	8.3						8.3	8.0	8.1	8.0	7.8	7.1	6.8	6.32	6.31	6.39	6.44	6.56	6.75	6.83

# SVENSKA BJÖRN

59°33' N

Observatör: K.H. HALLBOM, B. EDLUND

20°03' E

November

1964

# SVENSKA BJÖRN

November

D	E	Vind	Lufttemp.	Riktn. Sjyrka	Ström från			Vattnets temperatur i °C						Vattnets salthalt i ‰								
					0 m	30 m	Riktn. cm/sek.	0 m	5 m	10 m	15 m	20 m	30 m	35 m	m	0 m	5 m	10 m	15 m	20 m	30 m	35 m
1	23	4	6.0	18	22	27	28	6.9	7.2	7.2	7.2	7.0	6.8	7.1		6.06	6.06	6.06	6.08	6.12	6.70	6.82
2	23	2	7.5	32	8	32	18	7.3	7.2	7.4	7.4	7.4	7.5	7.5								
3	27	3	6.5	27	21	27	18	7.2	7.4	7.4	7.4	7.4	7.5	7.5								
4	32	5	7.5	05	18	05	20	7.2	7.3	7.3	7.3	7.1	7.0	7.0								
5	34	6	3.3	05	25	05	35	5.8	6.7	6.7	6.7	6.5	6.5	6.5								
6	23	8	3.4					6.6														
7	34	9	1.2					6.2														
8	36	1	1.0	00	0	32	12	5.6														
9	25	2	5.0	00	0	14	13	6.2														
10	25	6	5.5	27	29	32	20	6.2														
11	34	4	5.7	05	12	05	21	6.2														
12	18	2	6.0	00	0	14	17	5.8														
13	14	1	4.5	00	0	09	16	5.4														
14	20	3	6.7	00	0	23	28	5.8														
15	18	2	6.2	00	0	09	8	5.8														
16	27	5	5.7	32	25	36	15	5.7														
17	18	1	5.5	00	0	00	0	5.7														
18	34	7	3.0	36	19	09	24	5.2														
19	32	4	3.2	00	0	27	10	5.1														
20	09	2	3.0	07	6	07	7	5.5														
21	11	4	3.7	11	7	11	3	5.7														
22	07	3	-1.2	05	9	07	3	5.2														
23	32	3	3.8																			
24	23	4	5.0	23	13	25	9	5.2														
25	32	6	3.8	32	9	00	0	5.3														
26	34	6	3.0	36	22	36	19	5.0														
27	18	3	5.0	34	11	34	7	5.0														
28	36	1	3.0	02	3	05	9	4.9														
29	09	3	2.9	09	6	07	3	4.9														
30	09	4	2.0	11	12	09	6	5.1														
31																						
M		4	4.2					5.8														

# SVENSKA BJÖRN

December

59°33' N 20°03' E

Observatör: K.H. HALLBOM, B. EDLUND

1964

December

## SVENSKA BJÖRN

59°33' N

20°03' E

Observatör: K.H. HALLBOM, B. EDLUND

E Q	Wind Riktin. Styrka	Luft. temp. Riktin. cm/sek.	Ström från 0 m 30 m	Vattenets temperatur i °C						Vattenets salthalt i ‰							
				0 m	5 m	10 m	15 m	20 m	30 m	35 m	m	0 m	5 m	10 m	15 m	20 m	30 m
1	09	4	1.0	0.9	1.7	0.9	1.2	4.7	5.0	5.0	4.3	6.71	6.73	6.73	6.74	6.74	6.74
2	14	3	1.7	0.5	8	0.7	4	4.6	4.5	4.8	4.2	6.71	6.73	6.73	6.74	6.74	6.74
3	16	5	2.0	0.9	8	1.1	1.5	4.5	4.8	4.8	4.7	6.64	6.63	6.64	6.64	6.64	6.66
4	14	8	1.5	0.5	18	0.9	29	3.7	4.3	4.7	4.5	4.0	4.5	4.5	4.5	4.5	4.5
5	02	2	1.0	0.5	18	0.9	29	4.3	4.6	4.6	4.5	4.0	4.5	4.5	4.5	4.5	4.5
6	32	8	-1.5					4.3	4.5	4.8	4.7	4.5	4.5	4.5	4.5	4.5	4.5
7	20	8	3.8					4.3	4.5	4.9	4.8	4.7	4.7	4.7	4.7	4.7	4.7
8	18	7	5.3	32	8	32	26	4.5	4.9	4.8	4.7	4.5	4.5	4.5	4.5	4.5	4.5
9	20	8	5.4					4.6	4.8	4.8	4.7	4.5	4.5	4.5	4.5	4.5	4.5
10	23	7	6.0					4.6	4.8	4.8	4.7	4.5	4.5	4.5	4.5	4.5	4.5
11	23	2	4.6	0.0	0	18	17	4.8	4.8	4.8	4.7	4.5	4.5	4.5	4.5	4.5	4.5
12	23	4	4.3	36	18	32	15	4.3	4.5	4.4	4.3	4.1	4.1	4.1	4.1	4.1	4.1
13	23	8	5.1					4.5	4.4	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.6
14	32	10	5.3					5.2	5.2	5.2	5.2	5.0	5.0	5.0	5.0	5.0	5.0
15	23	6	3.0	18	37	32	46	3.3	3.3	3.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2
16	27	2	2.0	0.5	12	36	20	2.8	2.8	4.7	4.3	4.2	4.2	4.2	4.2	4.2	4.2
17	23	4	2.3	0.5	9	32	26	3.2	3.2	3.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2
18	11	1	1.7	0.0	0	0	0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
19	36	3	2.4	0.5	20	0.5	24	3.6	3.6	3.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2
20	07	2	-2.0	0.0	0	14	20	3.6	3.6	3.6	4.0	4.0	4.0	4.0	4.0	4.0	4.0
21	07	1	-3.3	0.0	0	36	12	1.4	3.0	3.0	3.4	3.8	3.8	3.8	3.8	3.8	3.8
22	27	6	3.7	0.0	0	36	20	3.7	3.7	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0
23	32	2	4.0	0.0	0	0.5	15	3.8	3.8	4.0	3.9	3.9	4.0	4.0	4.0	4.0	4.0
24	25	6	2.0	0.0	0	36	9	3.5	3.5	3.6	3.8	3.8	3.8	3.8	3.8	3.8	3.8
25	27	7	-0.5					2.8	3.3	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
26	29	2	-1.9	0.0	0	0.5	26	2.1	2.4	3.1	3.4	3.7	3.7	3.7	3.7	3.7	3.7
27	27	2	-1.9	0.0	0	0.5	9	-0.1	2.0	2.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8
28	25	1	-2.0	0.0	0	0.0	0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
29	14	2	-1.0	18	13	0.9	23	1.1	2.0	2.5	2.8	3.0	3.0	3.0	3.0	3.0	3.0
30	18	2	-0.8	23	16	14	22	2.6									
31	20	8	1.7					3.2									
M	5	1.8						3.6	3.9	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2

# HÄVRINGE

58° 33' N

Januari

17° 31' E

Observatör: A.S. EKEFVYR

1964

E d	Wind Riktn. Dir.	Luft- temp. Riktn. Dir.	Ström från 0 m cm/sek.	Vatten temperatur i °C								Vatten saltinhalt i ‰							
				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	20	3	2.2	2.0	1.0	2.0	3	2.2	2.3	2.4	2.5	3.5	6.95	6.95	6.97	6.98	7.07	7.00	8.76
2	34	4	1.0	0.0	0	0	0	2.3	2.3	2.4	2.5	3.4							
3	23	5	1.3	2.0	7	18	3	2.3	2.3	2.4	2.4	3.4							
4	25	5	1.0	2.3	17	23	7	2.2	2.2	2.3	2.4	3.4							
5	36	1	2.0	0.0	0	0	0	2.0	2.0	2.0	1.9	2.6	3.3						
6	00	0	1.0	0.0	0	0	0	2.0	1.9	2.0	2.0	2.8	3.2						
7	25	2	1.0	0.9	5	00	0	2.1	2.1	2.1	2.0	2.8	3.5						
8	23	2	0.0	0.0	0	00	0	1.9											
9	20	2	-0.5	0.0	0	00	0	1.9	1.9	2.1	2.1	2.5	3.6						
10	29	4	1.0	0.0	0	00	0	2.1											
11	27	3	1.0	23	3	00	0	2.2	2.2	2.1	2.0	2.2	3.0	7.08	7.07	7.08	7.08	7.11	7.99
12	27	3	0.3	0.0	0	00	0	2.0											
13	34	5	-1.3	34	7	27	3	1.8	1.8	1.8	1.8	1.8	2.5	3.6					
14	34	6	-4.0	0.0	0	00	0	1.6											
15	34	6	-4.0	36	3	36	8	1.5	1.5	1.6	1.6	1.6	2.1						
16	36	3	-1.5	0.0	0	00	0	1.6	1.6	1.6	1.6	1.7	2.1	3.0					
17	29	5	-0.5	20	13	20	5	2.0	2.0	2.0	2.0	2.1	2.5	3.1					
18	29	4	-1.0	27	7	00	0	2.1											
19	29	6	-2.0	23	5	00	0	2.1	2.1	2.0	2.0	2.2	3.0						
20	27	3	-1.0	25	5	18	8	1.8											
21	25	6	3.4	0.0	0	00	0	1.4	1.4	1.4	1.4	1.4	2.9						
22	34	5	3.0	00	0	00	0	1.4											
23	18	3	1.0	14	13	14	7	1.4	1.4	1.4	1.4	1.4	1.9	3.0					
24	32	5	1.8	00	0	00	0	0.9											
25	32	7	1.4	00	0	00	0	1.0	1.0	1.0	1.0	1.0	2.7						
26	25	5	-1.4	00	0	00	0	1.1	1.2	1.2	1.5	1.6	2.9						
27	34	8	-3.6	00	0	00	0	1.2	1.2	1.2	1.5	1.6	2.8						
28	20	5	-2.2	27	13	27	10	1.3											
29	20	4	0.0	27	10	18	13	0.9	0.9	0.9	1.0	1.1	3.2						
30	20	6	2.0	00	0	00	0	1.0	1.0	1.0	1.2	1.3	2.9						
31	25	5	2.0	00	0	00	0	1.7	1.7	1.7	1.8	2.1	3.1	7.03	7.03	7.03	7.04	7.06	7.12
M	4	0.1						1.7	1.7	1.7	1.8	2.1							8.18

# HÄVRINGE

Februari

# HÄVRINGE

58° 33' N

17° 31' E

Observatör: A.S. EKEFVYR, G. ALLING

1964

Februari

E n d a g	Wind Rikt. Sytka	Lufti. temp. Rikt. cm/sek.	Ström från 0 m Rikt. cm/sek.	Vätnets temperatur i °C								Vätnets salthalt i ‰							
				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	20	6	2.7	20	7	20	10	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2	32	4	1.0	0.0	0	0	0	0.9	0.9	1.1	1.1	1.1	1.3	1.3	1.6	1.6	2.3	2.3	2.3
3	18	6	1.0	0.0	0	0	0	1.0	1.1	1.1	1.1	1.1	1.3	1.3	1.6	1.6	2.3	2.3	2.3
4	27	5	1.0	27	4	0	0	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.6	1.6	2.7	2.7	2.7
5	32	7	-2.2	36	6	27	4	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.6	1.6	2.7	2.7	2.7
6	34	10	-4.0	0.0	0	0	0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
7	32	5	-2.1	29	7	32	6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
8	29	5	2.3	27	8	25	6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
9	05	4	1.0	36	7	36	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	18	6	-1.2	20	6	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
11	02	8	-2.2	0.0	0	0	0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
12	34	9	-2.0	36	14	0.9	10	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
13	34	6	-9.0	36	10	0.9	11	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
14	02	4	-4.6	09	4	09	7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	20	3	-2.8	18	6	27	4	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
16	14	5	-2.8	00	0	0	0	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.7
17	05	6	-5.0	05	13	09	6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	36	8	-7.4	23	7	00	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	29	5	-8.0	27	10	0.9	10	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3
20	32	2	-5.0	00	0	0	0	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	27	5	-2.0	23	9	00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	27	3	-4.4	07	5	34	4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	14	2	-1.5	00	0	0	0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	18	4	-1.2	20	5	18	4	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3
25	14	3	-0.2	20	3	00	0	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3
26	18	5	-1.0	20	7	18	4	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3
27	18	6	-0.5	23	10	20	6	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3
28	20	5	-1.0	23	4	00	0	0.1	0.1	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.4	0.4
29	18	3	0.8	18	3	18	3	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.4	0.4	0.4
30																			
31								0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
M	5	-2.3																	

# HÄVRINGE

58° 33' N

Observatör: E.V. JOHANSSON, G. ALLING

17° 31' E

1964

Mars

E n d a g	Vind Riktn. Styrka	Luft. temp. Riktn. cm/sek.	Ström från 0 m Riktn. cm/sek.	Vatten temperatur i °C								Vatten salthalt i ‰											
				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	20	2	-0.5	20	7	20	5	0.2	0.3	0.1	0.1	0.2	0.2	0.1	0.1	0.5	7.17	7.17	7.28	7.26	7.27		
2	27	3	0.0	0	0	0	0	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.4	7.08	7.08	7.10	7.15	7.17		
3	02	5	-1.8	36	10	09	8	0.3	0.3	0.3	0.3	0.2	0.2	0.5	0.5	0.4	7.17	7.19	7.26	7.28	7.27		
4	05	2	-2.5	02	7	02	5	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3		
5	07	3	-2.6	05	5	05	4	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3		
6	23	2	-3.5	23	4	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3		
7	23	4	-3.0	23	13	20	3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
8	27	5	-1.6	00	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	27	8	1.0	00	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
10	29	3	0.5	29	3	00	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
11	32	3	1.0	34	4	00	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	7.22	7.21	7.26	7.27	7.27	
12	09	2	2.3	00	0	00	0	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3		
13	09	4	-1.5	05	5	02	2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.4	0.4	0.4	0.4	0.4	0.4		
14	09	6	-3.0	09	3	05	2	0.3	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3		
15	09	5	-3.0	09	6	05	4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3		
16	02	2	-2.4	05	11	00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	11	4	-0.2	07	10	05	7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3		
18	05	6	-3.6	05	13	05	10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	6.78	6.78	6.82	6.88	6.91	7.00	
19	05	4	-1.6	05	7	07	5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3		
20	09	2	-2.2	11	3	00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
21	11	6	0.0	07	5	00	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.4	0.4	0.4	0.4		
22	11	6	0.0	09	7	00	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3		
23	09	5	-0.5	11	10	11	3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3		
24	07	4	0.3	11	7	00	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.4	0.4	0.4	0.4		
25	09	3	-1.5	09	10	18	3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4		
26	02	3	-0.5	23	3	00	0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4		
27	05	3	0.0	00	0	00	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3		
28	05	4	-1.0	00	0	00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
29	05	6	-1.7	18	5	14	2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.5	6.53	6.53	6.48	6.64	6.64		
30	05	6	0.0	05	10	05	3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.4	0.4	0.4	0.4	0.4		
31	36	3	-1.4	00	0	00	0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3		
<b>M</b>	<b>4</b>	<b>-1.1</b>						0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.5	6.93	6.93	6.94	7.00	7.01	7.06	7.13

# HÄVRINGE

April

# HÄVRINGE

17° 31' E

58° 33' N

Observatör: A.S. EKEFVYR, E.V. JOHANSSON

1964

April

E d	Wind Dir. Riktn. Styrka Q	Luft- temp. Riktn. cm/sec.	Ström från 0 m Riktn. cm/sec.	Vattenets temperatur i °C								Vattenets salthalt i ‰											
				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							
				0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.4	0.1	0.1	0.1	0.1	0.1	0.54	0.55	0.55	0.55			
1	36	2	-0.6	0.2	5	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.59	6.62	6.63	6.72	6.75	6.80	6.84	
2	00	0	2.5																				
3	18	1	2.0	2.0	3	0.0	0	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1							
4	05	2	2.8	0.0	0	0.0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1							
5	05	5	1.3	0.5	6	0.0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1							
6	02	4	0.8	0.2	5	0.9	6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1							
7	34	2	3.0	0.0	0	0.0	0	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1							
8	34	3	0.5	0.0	0	0.0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1							
9	07	3	1.0	0.2	13	0.2	10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1							
10	18	4	1.5	2.0	7	20	3	0.2															
11	20	2	2.8	3.2	2	0.0	0	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1							
12	00	0	2.8	18	5	26	7	0.2															
13	20	3	2.6	20	5	20	3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1							
14	23	2	2.8	18	3	0.0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1							
15	23	2	2.2	0.0	0	0.0	0	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1							
16	23	3	3.6	0.5	7	0.0	0	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.2	1.2							
17	18	4	3.8	0.5	10	0.0	0	1.8	1.7	1.7	1.7	1.7	1.7	1.7	0.9	0.9							
18	18	5	4.4	18	5	20	3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	2.3							
19	18	3	4.5	0.0	0	0.0	0	2.4	2.6	2.6	2.6	2.6	2.6	2.6	2.3	2.3							
20	11	1	3.3	0.0	0	0.0	0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.6	2.6							
21	29	1	6.2	36	7	36	3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.6	2.6							
22	07	3	4.2	0.0	0	0.0	0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0							
23	02	3	2.7	0.0	0	0.0	0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.1	3.1							
24	32	3	5.4	0.0	0	0.0	0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1							
25	02	4	2.4	0.2	12	0.2	8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0	3.0							
26	23	4	4.6	0.0	0	0.0	0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7							
27	23	3	4.2	0.0	0	0.0	0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.7	2.7							
28	18	2	4.6	0.0	0	0.0	0	4.6	4.6	4.6	4.6	4.6	4.6	4.6	2.6	2.5							
29	14	5	4.1	18	7	16	6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.6	2.5							
30	20	6	5.0	18	8	18	7	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.5	2.5							
31																							
	M	3	3.0					1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.2	0.7	0.6	0.6	0.7	0.7	0.4	0.7

# HÄVRINGE

58°33' N

17°31' E

Maj

Observatör: A.S. EKEFYR

1964

# HÄVRINGE

Maj

D	E	Vind	Luft- temp.	Ström från 0 m      30 m			Väderlets temperatur i °C						Väderlets salthalt i ‰											
				Riktn.	Styrka	Riktn. cm/sek.	Riktn. cm/sek.	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		
								3.4	3.4	3.1	2.0	1.0	1.4	0.9	6.73	6.71	6.73	7.20	7.25	7.32	7.45			
1	27	5	5.6	32	3	0.0	0	0	3.6	3.6	3.5	2.6	2.4	1.2	1.3	1.0	6.73	6.71	6.73	7.20	7.25	7.32	7.45	
2	27	3	5.0	00	0	0.0	0	0	3.6	3.6	3.5	2.6	2.4	1.2	1.3	1.0	6.73	6.71	6.73	7.20	7.25	7.32	7.45	
3	00	0	6.4	00	0	0.0	0	0	3.6	3.6	3.5	2.6	2.4	1.2	1.3	1.0	6.73	6.71	6.73	7.20	7.25	7.32	7.45	
4	14	2	6.4	16	10	16	3	3	3.9	3.9	4.1	3.9	2.6	1.6	1.4	1.4	6.83	6.84	6.85	7.10	7.20	7.34	7.39	
5	00	0	4.4	36	6	05	4	4.2	4.1	4.2	4.1	4.2	2.2	1.3	1.2	0.9	6.83	6.84	6.85	7.10	7.20	7.34	7.39	
6	25	2	6.4	36	7	32	3	4.6	4.2	4.4	4.1	4.4	2.0	1.7	1.5	1.3	6.83	6.84	6.85	7.10	7.20	7.34	7.39	
7	23	2	7.0	00	0	32	3	4.1	4.4	4.1	4.1	4.4	2.0	1.7	1.5	1.3	6.83	6.84	6.85	7.10	7.20	7.34	7.39	
8	16	4	7.0	00	0	00	0	0	5.8	5.8	5.1	5.1	5.1	3.7	2.1	1.2	1.2	6.83	6.84	6.85	7.10	7.20	7.34	7.39
9	27	5	8.2	00	0	00	0	0	6.0	6.0	5.1	4.7	3.7	2.1	1.2	1.2	6.83	6.84	6.85	7.10	7.20	7.34	7.39	
10	20	1	8.0	00	0	00	0	0	6.0	6.0	5.1	4.7	3.7	2.1	1.2	1.2	6.83	6.84	6.85	7.10	7.20	7.34	7.39	
11	23	2	8.6	00	0	00	0	0	4.8	4.6	4.6	4.7	4.7	3.6	1.4	1.4	1.4	6.65	6.65	6.66	6.67	6.93	7.29	7.31
12	20	4	6.8	23	6	00	0	0	5.2	5.2	5.1	5.3	5.2	1.4	1.2	1.3	1.3	6.65	6.65	6.66	6.67	6.93	7.29	7.31
13	18	5	8.8	18	7	00	0	0	5.1	5.1	5.3	5.3	5.2	1.4	1.2	1.3	1.3	6.65	6.65	6.66	6.67	6.93	7.29	7.31
14	25	3	8.8	27	6	00	0	0	5.3	5.3	5.2	5.2	5.4	1.6	1.4	1.3	1.3	6.65	6.65	6.66	6.67	6.93	7.29	7.31
15	29	4	8.2	00	0	23	3	5.3	5.3	5.2	5.2	5.2	5.4	1.6	1.4	1.3	1.3	6.65	6.65	6.66	6.67	6.93	7.29	7.31
16	34	4	9.9	00	0	00	0	0	6.1	6.0	5.9	5.9	5.6	1.6	1.4	1.3	1.3	6.65	6.65	6.66	6.67	6.93	7.29	7.31
17	05	2	9.5	07	7	05	3	7.0	5.8	5.8	5.8	5.8	3.5	1.8	1.6	1.4	6.65	6.65	6.66	6.67	6.93	7.29	7.31	
18	36	4	9.0	05	11	07	4	6.5	6.5	6.0	6.0	5.6	4.1	1.9	2.0	1.3	6.65	6.65	6.66	6.67	6.93	7.29	7.31	
19	32	2	8.9	00	0	00	0	0	6.2	6.0	5.6	5.6	4.1	1.9	2.0	1.3	6.65	6.65	6.66	6.67	6.93	7.29	7.31	
20	27	2	7.7	00	0	00	0	0	6.1	6.1	6.0	6.0	5.6	4.1	1.9	2.0	1.3	6.65	6.65	6.66	6.67	6.93	7.29	7.31
21	34	2	12.0	36	3	05	4	7.0	6.7	6.7	6.7	6.7	3.7	1.5	1.4	1.4	6.65	6.65	6.66	6.67	6.93	7.29	7.31	
22	00	0	10.2	00	0	02	4	8.5	8.5	8.5	8.5	8.5	2.4	1.4	1.4	1.4	6.65	6.65	6.66	6.67	6.93	7.29	7.31	
23	18	3	10.0	18	4	02	7	8.7	7.4	6.3	6.3	6.3	2.6	1.9	1.7	1.3	6.65	6.65	6.66	6.67	6.93	7.29	7.31	
24	18	2	9.8	09	4	05	7	9.5	7.4	6.3	6.3	6.3	2.6	1.9	1.7	1.3	6.65	6.65	6.66	6.67	6.93	7.29	7.31	
25	09	3	10.0	09	4	07	8	8.4	7.1	6.4	6.4	6.0	1.4	1.8	1.7	1.3	6.65	6.65	6.66	6.67	6.93	7.29	7.31	
26	05	1	12.0	05	7	02	3	9.9	9.4	3.4	3.4	2.6	2.4	2.2	2.0	2.0	6.39	6.40	6.66	6.65	6.96	7.07	7.11	
27	18	3	11.2	05	10	05	8	10.8	8.4	6.3	6.3	3.0	2.0	2.2	2.2	2.2	6.39	6.40	6.66	6.65	6.96	7.07	7.11	
28	14	1	12.0	09	8	07	15	11.6	11.6	6.4	6.4	5.4	4.2	3.0	3.5	3.5	6.39	6.40	6.66	6.65	6.96	7.07	7.11	
29	14	1	11.6	09	4	11	2	9.8	6.4	6.0	6.0	5.4	4.2	3.0	3.5	3.5	6.39	6.40	6.66	6.65	6.96	7.07	7.11	
30	18	2	12.4	14	6	09	4	10.6	10.6	9.5	9.5	6.0	4.8	3.6	2.9	2.9	6.39	6.40	6.66	6.65	6.96	7.07	7.11	
31	07	1	8.8	18	5	00	0	10.6	10.6	6.0	6.0	5.3	3.8	2.1	1.8	1.6	6.39	6.40	6.66	6.65	6.96	7.07	7.11	
M	2	8.7						6.7	6.0	5.3	5.3	3.8	2.1	1.8	1.6	6.66	6.65	6.70	6.88	7.12	7.26	7.33		

# HÄVRINGE

Juni

# HÄVRINGE

58°33' N

Observatör: A.S. EKEFYR, E.V. JOHANSSON

17°31'E

1964

Juni

E S W G	Wind Rikt. Styrka	Luft- temp. Rikt. cm/sek.	Ström från 0 m Rikt. cm/sek.	Vattnets temperatur i °C								Vattnets saltinhalt i ‰									
				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	16	6	10.4	0.5	1.3	0.5	6	9.6	9.5	8.0	5.5	3.2	3.0	3.4	6.18	6.19	6.18	6.32	6.48	6.81	6.92
2	02	4	9.2	0.5	5	1.4	7	9.4	9.5	8.0	5.5	3.9	3.0	3.4							
3	09	4	9.7	0.5	4	0.0	0	8.8	8.7	8.7	8.4	6.3	5.2	4.2							
4	11	2	9.7	0.5	6	0.0	0	9.1													
5	00	0	10.0	0.0	0	1.1	4	9.8	9.0	8.8	7.2	5.9	5.4	5.3	6.06	6.06	6.09	6.19	6.32	6.55	6.76
6	20	5	10.6	0.0	0	32	7	10.0	9.6	9.6	5.9	5.4	5.1	5.2							
7	27	1	12.5	0.0	0	0.0	0	10.3													
8	11	6	10.2	0.9	1.4	0.5	7	9.7													
9	23	4	10.4	0.0	0	0.0	0	9.9	9.8	9.4	9.3	7.8	6.2	5.6							
10	27	2	11.4	0.0	0	0.0	0	10.1													
11	20	3	13.0	0.0	0	0.0	0	10.6	9.8	8.7	8.5	8.2	5.8	4.8	6.13	6.12	6.17	6.21	6.22	6.54	6.76
12	23	3	12.1	0.9	1.0	0.9	3	10.3													
13	25	2	14.4	0.9	2	0.0	0	11.2	11.0	10.0	7.4	5.1									
14	14	3	13.6	1.8	17	0.5	20	11.9													
15	27	2	15.6	0.5	13	0.5	17	11.6	11.0	10.6	8.6	5.8	5.2	2.2							
16	16	6	12.8	3.6	7	3.6	3	11.2	11.1	11.1	11.2	8.4	3.7	2.5	6.13	6.13	6.13	6.50	6.92	7.15	7.34
17	23	4	12.6	0.0	0	0.7	8	11.5	11.4	11.4	11.1	7.8	4.3	1.6							
18	29	1	15.0	0.0	0	0.0	0	11.8													
19	14	4	14.8	0.0	0	0.0	0	11.9	11.8	11.1	11.1	8.4	5.8	2.0							
20	20	1	13.0	0.0	0	0	0	12.5													
21	09	2	15.0	0.7	8	0.0	0	13.8	13.3	12.2	8.3	5.8	3.3	2.0	6.41	6.44	6.43	6.47	7.18	7.43	
22	07	5	12.6	0.2	1.3	0.9	7	13.2													
23	32	2	11.8	0.7	1.0	0.7	1.3	12.3	12.2	12.0	9.2	3.2									
24	20	6	13.0	0.0	0	0.0	0	12.3													
25	27	4	13.8	2.3	3	2.7	3	12.3	12.3	12.2	10.1	8.8	3.2	2.3							
26	27	1	14.0	0.0	0	0.0	0	13.2	13.1	12.2	10.2	10.1	8.1	3.3	6.38	6.42	6.44	6.42	6.53	7.22	7.38
27	20	2	16.0	0.0	0	0.0	0	14.2	14.1	12.4	12.3	10.8	8.4	2.2							
28	20	2	15.0	0.0	0	0.0	0	14.2													
29	27	6	13.0	2.7	7	3.6	5	13.3	13.1	13.1	13.0	6.3	3.2								
30	36	4	11.2	0.0	0	14	10	13.3													
31																					
M	3	12.5						11.4	11.1	10.5	9.2	7.1	4.6	3.5	6.22	6.23	6.24	6.35	6.49	6.91	7.10

# HÄVRINGE

58° 33' N

17° 31' E

Observeratör: E.V. JOHNSSON

1964

Juli

E n d a g	Vind Riktn. Styrka	Luft- temp. Riktn. Riktn.	Ström från 0 m cm/sek.			Vatten temperatur i °C						Vatten saltinhalt i ‰						
			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	00	0	15.1	0.0	0.0	13.5	13.5	13.5	11.8	6.1	3.3	2.0		6.42	6.42	6.42	6.42	7.41
2	20	3	16.2	0.0	0.0	18	3											
3	27	4	13.6	20	5	18	8	13.3	13.3	9.4	5.5	2.6	2.0					
4	20	3	13.0	0.0	0.0	0.0	0.0	13.0										
5	00	0	15.2	0.0	0.0	0.0	0.0	13.4	12.9	12.8	9.5	5.8	2.7	2.2				
6	18	1	14.6	0.0	0.0	0.0	0.0	13.8	13.7	13.2	9.5	4.2	2.7	2.2				
7	25	2	13.0	0.0	0.0	0.0	0.0	13.6	13.6	13.5	9.6	3.8	2.5	2.2				
8	20	6	13.2															
9	20	5	15.0	27	17	20	7	12.8	12.8	12.8	6.6	3.3	2.5	1.8				
10	23	4	13.4	23	13	23	7	13.6										
11	20	5	14.9	0.0	0.0	20	3	14.0	14.0	13.8	6.3	2.8	2.6	2.0				
12	18	4	14.2	0.9	13	07	10	12.6										
13	18	3	12.4	18	3	00	0	12.5	12.5	8.6	2.6	2.5	2.4	1.9				
14	05	2	13.0	02	3	00	0	13.5										
15	00	0	18.6	18	8	00	0	13.9	13.6	9.0	4.0	3.1	2.4	2.0				
16	00	0	17.2	00	0	00	0	15.3	12.8	12.1	5.0	3.2	2.3	2.1				
17	29	3	17.1	00	0	00	0	15.1	13.2	11.8	4.8	3.4	2.3	2.2				
18	00	0	17.8	00	0	00	0	14.9										
19	18	1	19.2	00	0	00	0	16.5	15.8	15.2	3.7	3.2	2.6	2.4				
20	20	3	16.8	36	23	36	6	16.2										
21	29	2	16.4	32	4	00	0	14.6	14.6	7.5	3.5	3.2	2.7	2.7				
22	09	2	16.4	14	3	09	6	15.5	15.2	12.1	4.8	3.3	3.2	3.1				
23	09	3	17.0	00	0	00	0	14.8										
24	18	3	15.8	00	0	00	0	16.0	16.0	13.6	5.0	4.1	4.0	3.9				
25	20	2	14.9	00	0	00	0	16.1	16.0	12.2	7.8	4.1	3.6	3.6				
26	25	2	15.4	05	7	00	0	16.3	16.3	12.9	8.8	5.2	4.3	3.7				
27	25	2	16.0	00	0	00	0	16.6										
28	16	1	17.6	16	9	16	3	16.6										
29	25	8	15.0					15.2	15.2	15.2	8.6	4.5	3.9	3.7				
30	29	3	17.2	14	16	00	0	14.3										
31	20	5	13.8	00	0	00	0	14.2	14.1	14.1	7.8	3.5	3.4	2.8				
M	3	15.5						14.4	14.0	12.1	6.7	3.9	3.0	2.6				

# HÄVRINGE

Augusti

# HÄVRINGE

Observatör: A.S. EKEFYR, E.V. JOHANSSON

58° 33' N

17° 31' E

Augusti

1964

17° 31' E

E n d a g	Vind	Luft- temp. Riktn. Styrka	Ström från 0 m			Väinets temperatur i °C						Väinets saltinhalt i ‰					
			Riktn. cm/sek.			0 m						5 m					
			Riktn. cm/sek.			10 m						15 m					
1	25	7	13.4	25	15	25	10	13.9	13.8	5.5	3.6	2.7	2.3		6.74	6.74	6.74
2	29	4	11.8	20	10	18	7	13.6							6.74	6.74	6.74
3	34	5	11.8	02	10	00	0	13.4	13.4	5.3	4.3	2.5	2.3				
4	20	2	13.8	20	7	00	0	13.6									
5	34	6	13.8	16	5	07	3	13.5	13.7	5.6	3.3	2.3	2.3				
6	34	2	13.1	00	0	00	0	14.0	14.0	7.2	2.6	2.1	2.2				
7	36	2	12.4	00	0	00	0	14.4	14.3	6.8	3.4	2.3	2.3				
8	02	3	14.2	05	7	00	0	14.5									
9	05	2	14.7	00	0	36	7	14.7	14.8	13.1	5.3	3.4	2.4				
10	02	3	15.3	05	13	02	10	14.8									
11	05	3	14.9	00	0	02	4	14.9	14.1	9.5	5.0	3.2	3.4	3.3	6.84	6.81	6.83
12	02	5	14.6	07	7	02	5	15.5									
13	05	5	13.6	05	21	07	30	14.1	14.0	13.9	11.6	7.4	6.8	5.8			
14	27	1	14.9	36	3	05	11	14.8									
15	20	2	14.6	00	0	00	0	14.3	14.3	10.9	9.8	8.7	7.5				
16	25	4	13.5	32	10	32	8	13.7	13.6	11.6	11.5	10.4	8.8	7.5	6.33	6.33	6.35
17	05	2	14.8	00	0	05	9	13.7	13.6	13.6	11.8	10.7	9.4	7.5			
18	18	6	15.0	00	0	23	17	13.9									
19	10	2	15.8	16	11	00	0	14.3	14.3	11.7	10.6	9.2	7.7				
20	18	1	14.8	00	0	00	0	14.6									
21	23	2	13.4	00	0	00	0	14.5	14.5	14.3	11.9	11.4	8.7	8.2			
22	34	3	13.2	34	10	36	7	14.2									
23	25	5	13.8	25	8	25	5	13.8	13.8	13.4	11.6	8.2	5.2				
24	20	5	14.8	14	7	14	4	13.7	13.7	13.6	12.2	5.3	2.9				
25	20	5	14.8	00	0	18	7	13.7									
26	18	2	15.4	18	4	00	0	14.2	14.1	13.8	11.9	4.0	2.3				
27	20	5	16.0	23	9	20	11	13.8	13.9	13.8	10.2	4.0	2.5				
28	25	1	16.2	00	0	00	0	14.5									
29	09	4	15.0	18	10	14	13	14.5	14.5	14.5	12.6	3.3	2.4				
30	20	8	10.8	00	0	00	0	13.9	11.5	11.5	11.4	4.6	3.0	2.3			
31	32	6	12.6	23	7	09	5										
M	4	14.1						14.1	13.9	13.5	10.0	7.7	4.2		6.68	6.68	6.69

# HÄVRINGE

58° 33' N

September

17° 31' E

Observatör: A.S. EKEFYR, J.E. NILSSON

1964

Egn d	Vind Riktn. Styrka	Luft- temp. °C	Ström från 0 m Riktn. cm/sek.	Vattenstånd i °C								Vattenets saltinhalt i ‰							
				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	32	4	11.2	0.0	0.0	0.0	0.0	11.5	11.5	11.5	2.4	6.76	6.77	6.77	6.77	7.13	7.29	7.45	
2	32	3	11.5	0.0	0.0	0.0	0.0	11.7	11.7	11.7	2.5	6.76	6.77	6.77	6.77	7.13	7.29	7.45	
3	29	3	10.0	27	13	29	9	11.8	11.8	11.7	2.6	6.76	6.77	6.77	6.77	7.13	7.29	7.45	
4	23	2	13.6	23	8	23	5	12.8	12.8	11.6	2.4	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
5	23	2	14.0	25	2	0	0	13.5	13.3	11.6	2.3	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
6	07	3	12.3	0.0	0.0	0.0	0.0	13.1	12.7	11.5	2.4	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
7	11	1	13.8	07	7	0	0	13.7	13.7	11.8	2.5	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
8	23	2	14.2	00	0	0	0	14.2	14.2	14.2	2.5	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
9	36	6	10.6	02	20	05	17	12.5	12.5	12.4	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
10	29	5	9.5	05	7	05	3	10.4	10.4	10.2	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
11	34	2	12.0	05	5	05	3	11.4	11.4	10.9	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
12	09	7	10.0	14	13	18	7	11.3	11.3	10.1	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
13	34	6	7.3	05	23	05	20	10.0	10.0	10.0	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
14	23	5	10.0	36	10	36	7	10.3	10.3	10.3	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
15	18	6	12.0	18	17	18	10	10.3	10.3	10.3	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
16	23	5	12.6	32	7	34	3	10.5	10.5	10.3	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
17	23	8	13.0	32	8	34	5	10.0	10.0	10.0	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
18	25	7	10.4	34	3	00	0	9.9	9.9	10.0	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
19	29	2	9.7	05	3	00	0	10.0	10.0	10.0	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
20	16	5	10.0	18	13	16	7	11.0	11.0	10.3	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
21	25	5	8.6	36	3	00	0	9.8	9.7	9.7	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
22	34	3	9.0	36	5	00	0	9.8	9.8	9.8	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
23	23	5	10.1	20	16	23	8	9.8	9.8	9.8	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
24	23	2	10.9	23	7	25	5	9.8	9.8	9.8	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
25	25	2	11.0	25	10	25	3	9.8	9.8	9.8	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
26	25	1	10.6	00	0	0	0	9.9	9.9	10.0	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
27	16	1	10.6	00	0	0	0	10.0	10.0	10.0	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
28	27	5	11.0	34	17	34	7	9.9	9.7	10.0	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
29	25	6	11.6	32	7	00	0	9.7	9.7	9.5	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
30	32	7	8.4	34	13	34	9	8.7	8.7	8.7	2.8	6.82	6.82	6.82	6.82	7.22	7.35	7.56	
31												6.74	6.74	6.74	6.74	7.16	7.31	7.47	
M	4	11.0						10.9	10.9	10.6	2.8	6.74	6.74	6.74	6.74	7.16	7.31	7.47	

# HÄVRINGE

58°33' N

Oktobr

Observator: A.S. EKEFYR, E.V. JOHNSON

17°31' E

# HÄVRINGE

Oktobr

1964

E n d a g	Vind	Luft- temp.	Riktn. Styrka	Ström från				Vattnets temperatur i °C								Vattnets saltinhalt i ‰								Vattnets saltinhalt i ‰							
				0 m		30 m		0 m				5 m				10 m				15 m				20 m				30 m			
				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	32	3	7.0	0.9	3	0.0	0	7.9	7.9	7.9	7.9	7.8	4.0	2.4	2.3																
2	27	5	8.8	25	10	27	3	8.1	8.1	8.0	8.0	7.8	6.8	3.1	2.5																
3	36	5	7.6	0.0	0	36	7	8.1	8.0	8.0	8.0	7.5	4.8	2.5	2.5																
4	29	5	7.6	29	10	29	7	7.8	7.8	8.0	8.0	8.0	7.5	2.8	2.4																
5	27	4	7.2	18	11	18	4	8.0	8.0	8.0	8.0	8.0	7.5	2.5	2.5																
6	23	3	8.6	23	7	29	10	8.1	8.0	8.0	8.0	8.0	7.8	5.7	2.8																
7	20	5	9.4	20	7	20	7	8.1	8.1	8.1	8.1	8.1	7.6	2.8	2.4																
8	16	2	10.6	20	23	20	10	8.1	8.1	8.1	8.1	8.1	7.6	2.4																	
9	09	2	10.2	00	0	00	0	7.9	7.9	7.8	7.6	7.5	2.7	2.5																	
10	14	2	10.0					7.9																							
11	16	5	8.9	00	0	00	0	8.0	8.0	8.0	8.0	8.0	7.2	3.6	3.4																
12	20	3	5.8	18	3	00	0	8.2																							
13	09	2	8.6	09	20	09	3	7.7	7.7	7.7	7.7	7.7	7.6	6.4	5.6																
14	11	4	9.8	09	20	05	13	8.4																							
15	23	4	8.0	00	0	00	0	8.3	8.3	8.3	8.3	8.3	8.2	8.0	7.5																
16	07	2	8.8	00	0	00	0	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.1																
17	20	2	7.8	00	0	00	0	8.4	8.3	8.3	8.3	8.3	8.1	8.0	7.7																
18	36	2	8.2	02	3	00	0	8.4																							
19	25	2	5.6	00	0	00	0	8.2	8.2	8.2	8.2	8.2	8.2	8.0	7.8																
20	23	5	8.4	23	17	23	27	8.4																							
21	20	4	9.0	23	13	23	10	8.8	8.8	8.8	8.8	8.8	8.9	7.9	6.5																
22	16	2	9.1	16	8	16	7	8.8																							
23	20	4	8.6	18	12	18	8	8.3	8.3	8.3	8.3	8.3	7.9	7.7	7.3																
24	20	8	8.4	23	17	23	27	8.4																							
25	20	5	7.4	20	20	15	8.4	8.4	8.4	8.3	8.3	7.9	7.8	7.6	7.6																
26	36	4	4.4	36	3	00	0	7.6	7.6	7.6	7.6	7.5	7.5	6.8	6.8	4.1															
27	27	5	5.4	02	10	00	0	7.6	7.6	7.6	7.5	7.5	7.4	6.8	6.4	4.6															
28	25	2	5.4	00	0	00	0	7.6																							
29	27	2	2.0	36	10	00	0	7.5	7.5	7.5	7.5	7.5	7.4	7.2	7.2	4.6															
30	23	2	5.4	23	12	23	10	8.0																							
31	23	4	5.8	23	3	23	7	7.4	7.4	7.3	7.3	7.3	7.2	6.6	6.6	3.4															
M	4	7.7						8.1	8.0	8.0	7.9	7.9	7.2	5.7	4.9		6.72	6.72	6.75	6.77	6.85	6.85	7.05	7.23							

# HÄVRINGE

58° 33' N

November

17° 31' E

Observator: E.V.JOHANSSON

1964

# HÄVRINGE

November

E G	Vind Riktn. Styrka	Luft- temp. Riktn. cm/sek.	Ström från 0 m Riktn. cm/sek.	Vattenets temperatur i °C								Vattenets salinitt i ‰							
				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	27	2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	7.3	7.3	7.3	7.2	6.2	2.8		
2	23	3	6.6	2.3	1.0	2.0	1.3	7.4				7.0	7.0	6.8	6.6	2.8			
3	27	3	5.2	2.0	3	20	7	7.0	7.0	7.0	7.0	7.0	6.8	6.6	2.8				
4	29	4	6.0	3.2	17	32	10	7.4				7.6	7.6	7.6	6.5	2.9			
5	36	5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	7.6	7.6	7.6	4.1	2.7			
6	23	6	3.2	2.0	23	23	20	7.3	7.3	7.3	7.3	7.3	7.3	7.3	4.1	2.7			
7	32	8	1.2					8.5											
8	32	3	1.5	0.0	0.0	0.0	0.0	6.8	6.8	6.8	6.8	6.8	6.8	6.8	2.9				
9	23	4	5.0	2.0	13	20	7	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.1	2.9			
10	23	6	5.8	1.8	13	25	12	6.2											
11	27	2	4.9	2.0	10	0.0	0.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.5	5.4	3.2		
12	18	2	5.2	0.0	0.0	0.0	0.0	5.5										6.74	6.92
13	20	3	5.8	2.0	6	20	7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.4	5.3	3.1		
14	18	6	6.4	2.0	20	20	13	5.7											
15	20	4	5.7	2.0	12	23	9	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	4.3	3.1		
16	27	7	6.4	2.9	23	36	13	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.1	3.2			
17	34	3	4.8	0.0	0.0	0.0	0.0	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.9	3.0			
18	34	5	2.2	0.0	0.0	0.0	0.0	5.4											
19	32	4	2.0	3.2	3	23	4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	4.2	2.9			
20	07	2	4.0	0.0	0.0	0.0	0.0	5.4											
21	09	3	4.6	0.0	0.0	0.0	0.0	5.6	5.6	5.6	5.6	5.6	5.6	5.6	4.3	3.1			
22	20	3	1.5	0.0	0.0	0.0	0.0	5.5											
23	23	4	5.5	0.0	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	4.1	3.0			
24	23	6	6.6	0.0	0.0	0.0	0.0	5.4											
25	32	7	5.0	27	4	0.0	0.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.5	3.0		
26	29	6	2.5	0.2	10	0.2	7	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.1			
27	18	6	5.0	18	8	18	5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.5	4.2	3.2		
28	20	1	0.8	0.9	7	0.0	0	4.6											
29	34	2	2.4	0.0	0.0	0.0	0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.3	3.2			
30	36	2	2.0	0.0	0.0	0.0	0	4.3											
31																			
M		4	4.2					5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.0	3.0		6.84	6.87

# HÄVRINGE

58° 33' N

Observatör: E.V. JOHANSSON

1964

December

17° 31' E

# HÄVRINGE

December

58° 33' N

Observatör: E.V. JOHANSSON

1964

December

17° 31' E

1964

E S Q	Wind Riktn. Styrka	Luft- temp., Riktn. cm/sak.	Ström från 0 m 30 m			Vätnets temperatur i °C						Vätnets saltinhalt i ‰							
			cm/sak.	Riktn. cm/sak.	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	m
1	32	2	1.0	36	12	36	8	4.4	4.4	4.1	3.9	3.2	6.98	6.98	7.09	7.14	7.25	7.32	
2	34	2	0.5	00	0	10	4.2												
3	20	9	3.4																
4	14	7	1.3																
5	36	3	0.2	36	20	02	17	3.9	3.9	3.8	3.9	4.0							
6	18	2	3.6	00	0	0	4.0	3.8	3.7	3.7	3.8	3.7	7.13	7.12	7.13	7.14	7.10	7.10	
7	18	9	3.5																
8	20	6	5.4																
9	20	8	5.0																
10	20	5	6.0	20	13	23	10	4.2											
11	23	2	5.0	00	0	0	4.0	4.0	3.9	3.9	3.8	3.7	7.36	7.35	7.35	7.36	7.37	7.37	
12	23	2	4.6	00	0	0	3.8												
13	20	4	4.5	00	0	0	3.8	3.9	3.9	3.8	3.7	3.1	2.9						
14	27	8	3.0	00	0	0	3.9												
15	23	6	3.0	23	10	23	7	3.8	3.8	3.8	3.7	3.7	3.6	7.31	7.31	7.32	7.32	7.32	7.60
16	27	3	1.2	23	10	20	8	3.7	3.7	3.7	3.7	3.7	3.5						
17	20	2	1.2	20	5	00	0	3.7	3.7	3.7	3.7	3.7	3.5						
18	36	5	0.0	36	13	34	7	3.6											
19	34	7	0.5	00	0	18	5	3.7	3.6	3.6	3.6	3.5	3.4						
20	32	2	-0.2	00	0	0	3.7												
21	05	3	0.8	07	8	00	0	3.3	3.3	3.3	3.4	3.4	3.6						
22	29	6	1.2					3.3	3.4	3.3	3.3	3.3	3.5						
23	34	4	0.5	34	3	32	3	3.4	3.3	3.3	3.3	3.3	3.6						
24	27	5	3.3	00	0	00	0	3.3	3.3	3.3	3.4	3.4	3.6						
25	27	3	0.2	00	0	00	0	3.2	3.2	3.2	3.3	3.3	3.5						
26	32	3	-3.0	00	0	00	0	3.0	3.1	3.1	3.1	3.1	3.2						
27	32	3	-3.0	00	0	00	0	2.9	2.6	2.6	2.6	2.6	2.8						
28	29	2	-6.0	00	0	00	0	2.5	2.5	2.5	2.4	2.4	2.6						
29	02	1	-4.5	02	8	02	3	2.2	2.2	2.3	2.4	2.4	2.6						
30	02	3	-5.0	00	0	00	0	2.3	2.3	2.3	2.4	2.4	2.6						
31	20	5	3.0	20	10	20	7	3.5	3.5	3.5	3.5	3.5	3.5	7.21	7.21	7.24	7.24	7.29	7.40
M	3	1.3																	

# FALSTERBOREV

55°18' N

Januari

12°47'E

Observer: G.E. SÖDER

1964

Dygn	Wind	Luft temp.	Ström från 0 m	Vatten temperatur i °C					Vatten saltinhalt i ‰							
				Riktn. Riktin.	Ströks cm/sek.	Riktn. cm/sek.	0 m	5 m	10 m	m	m	m	m	0 m	5 m	10 m
1	23	3	2.0	2.3	2.2	2.3	9	2.8	2.4	2.8	3.0	3.0	3.0	9.49	9.54	9.58
2	36	2	2.5	0.5	2.0	0.9	1.2	2.4	3.0	2.8	3.0	3.0	3.0			
3	23	2	2.0	3.2	7	0.0	0	3.4	3.2	3.2	3.2	3.2	3.2			
4	20	2	2.5	0.0	0	0.0	0	3.2	3.0	3.0	3.0	3.0	3.0			
5	00	0	1.0	0.0	0	0.0	0	3.0	3.0	3.0	3.0	3.0	3.0			
6	14	1	0.3	0.0	0	0.0	0	3.0	3.0	3.0	3.0	3.0	3.0			
7	20	1	2.2	3.6	8	3.6	10	3.0	3.0	3.0	3.0	3.0	3.0			
8	36	2	2.0	0.2	8	0.0	0	2.8	2.8	2.8	2.8	2.8	2.8			
9	09	2	2.0	0.0	0	0.0	0	2.8	2.8	2.8	2.8	2.8	2.8			
10	11	3	1.5	0.9	3	0.9	13	2.8	2.8	2.8	2.8	2.8	2.8			
11	09	6	2.3	0.7	22	0.7	24	3.0	2.8	2.8	2.8	2.8	2.8			
12	11	1	0.0	0.0	0	0.0	0	2.8	2.8	2.8	2.8	2.8	2.8			
13	00	0	-1.3	0.0	0	0.0	0	2.6	2.6	2.6	2.6	2.6	2.6			
14	36	1	-1.2	0.0	0	0.0	0	2.4	2.4	2.4	2.4	2.4	2.4			
15	02	1	-2.0	0.0	0	0.0	0	2.2	2.2	2.2	2.2	2.2	2.2			
16	36	2	-1.0	0.7	6	0.0	0	2.0	2.0	2.0	2.0	2.0	2.0			
17	32	2	1.0	0.9	6	0.9	8	1.8	1.8	1.8	1.8	1.8	1.8			
18	32	2	1.5	2.7	11	27	6	1.4	1.4	1.4	1.4	1.4	1.4			
19	27	3	-0.3	2.7	22	29	19	1.8	1.8	1.8	1.8	1.8	1.8			
20	29	2	-1.0	2.7	10	27	4	2.0	2.0	2.0	2.0	2.0	2.0			
21	27	3	2.0	1.4	17	18	11	1.6	1.7	1.7	1.7	1.7	1.7			
22	34	5	4.5	3.2	28	36	22	1.6	1.6	1.6	1.6	1.6	1.6			
23	27	2	1.8	2.7	13	32	11	1.8	1.8	1.8	1.8	1.8	1.8			
24	27	5	2.0	3.4	28	36	27	1.7	1.7	1.7	1.7	1.7	1.7			
25	32	5	3.0	2.7	33	32	30	1.6	1.6	1.6	1.6	1.6	1.6			
26	29	2	1.3	2.7	50	29	44	1.6	1.6	1.6	1.6	1.6	1.6			
27	36	3	0.0	1.8	8	14	6	2.0	2.0	2.0	2.0	2.0	2.0			
28	16	6	0.0	1.8	22	14	19	1.6	1.6	1.6	1.6	1.6	1.6			
29	20	2	-0.6	0.0	0	0.0	0	1.6	1.8	1.8	1.8	1.8	1.8			
30	20	6	2.2	2.0	22	25	24	2.0	2.0	2.0	2.0	2.0	2.0			
31	27	5	2.3	2.7	22	23	17	2.0	2.0	2.0	2.0	2.0	2.0			
M	3	1.1						2.2	2.3	2.3	2.3	2.3	2.3	8.62	8.70	8.73

# FALSTERBOREV

Februari

# FALSTERBOREV

55°18'N

12°47'E

Observatör: A. KNAVE

Februari

1964

E n d a g d	Vind Riktn. Styrka	Luft- temp. Riktn. cm/sek.	Ström från 0 m Riktn. cm/sek.	Vattenets temperatur i °C						Vattenets salthalt i ‰								
				0 m			5 m			10 m			m			5 m		
				Riktn.	cm/sek.	Riktn.	Riktn.	cm/sek.	Riktn.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	Riktn.	cm/sek.	
1	20	6	3.0	18	22	20	19	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	8.80	8.76	8.78
2	34	5	4.0	0.5	17	0.9	15	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1			
3	23	2	3.5	20	21	20	19	2.0	2.0	2.0	2.2	2.2	2.2	2.2	2.2			
4	23	4	3.0	0.5	13	0.7	11	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2			
5	32	7	0.0	14	28	14	21	2.0	2.0	2.0	2.2	2.2	2.2	2.2	2.2			
6	32	6	-1.4	3.6	33	34	28	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.6			
7	27	4	1.0	0.9	17	11	12	1.8	1.8	1.8	2.0	2.0	2.0	2.0	2.0			
8	34	3	2.5	27	33	29	21	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8			
9	32	4	2.0	11	17	16	16	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8			
10	27	3	3.0	0.0	0	0	0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8			
11	32	4	2.5	14	11	32	6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6			
12	27	3	0.0	0.9	8	0.9	6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6			
13	05	4	-5.3	3.6	17	32	13	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.8			
14	34	2	1.0	16	13	34	6	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2			
15	11	3	-0.5	0.9	11	14	16	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2			
16	16	5	-1.3	0.7	33	16	17	1.2	1.2	1.2	1.4	1.4	1.4	1.4	1.4			
17	09	9	-1.0	0.9	51	14	47	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2			
18	05	6	-2.7	0.5	13	0.9	13	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
19	05	2	-4.8	0.7	11	0.7	6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8			
20	00	0	-1.0	0.0	0	0.7	7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	8.50	8.53	8.54
21	23	1	0.6	0.0	0	0.0	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6			
22	16	1	0.0	1.8	8	0.0	0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8			
23	14	4	-1.2	14	9	0.0	0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8			
24	14	6	-0.4	1.4	23	14	13	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4			
25	14	4	1.0	1.4	12	14	8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4			
26	14	5	0.2	1.6	17	14	9	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4			
27	14	5	0.2	1.4	17	14	10	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6			
28	16	2	1.0	0.0	0	0	0	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8			
29	14	4	0.4	1.4	11	10	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8			
30																		
31																		
M		4	0.3					1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

# FALSTERBOREV

55°18' N

Mars

Observatör: G.E. SÖDER, A. KNAFVE

12°47' E

1964

# FALSTERBOREV

Mars

Egn d	Vind Riktin. Styrka	Luft- temp. Riktin. cm sek.	Ström från 0 m Riktin. cm sek.	Vatten temperatur i °C						Vatten salthalt i ‰							
				0 m	5 m	10 m	m	m	m	m	m	m	m	m	m	m	
1	11	3	-0.6	0.9	12	0.5	18	0.4	0.3	0.2				7.87	7.85	7.84	
2	05	1	-1.4	0.9	09	0.7	0.1	0.1	0.2	0.2							
3	34	2	0.6	36	00	0	0	0.1	0.1	0.2							
4	07	3	-0.6	09	08	11	7	0.2	0.2	0.2							
5	05	4	-1.3	09	12	09	7	0.4	0.4	0.4							
6	05	4	-3.0	07	9	07	10	0.4	0.4	0.4							
7	07	3	-3.0	07	10	07	8	0.2	0.2	0.3							
8	29	1	-2.4	00	00	0	0	0.1	0.1	0.1							
9	25	4	1.0	25	17	25	7	0.3	0.3	0.2							
10	34	1	0.4	36	7	29	8	0.0	0.0	0.0							
11	32	1	-0.4	00	0	0	0	0.0	0.0	0.2							
12	14	3	0.0	14	8	14	7	0.2	0.2	0.3							
13	11	6	0.2	11	31	11	15	0.4	0.4	0.4							
14	09	7	-2.0	11	27	11	18	0.1	0.1	0.2							
15	11	7	-2.0	11	27	11	18	0.1	0.1	0.1							
16	05	3	-2.7	07	12	07	8	0.0	0.0	0.0							
17	11	3	-0.8	11	8	09	7	0.0	0.0	0.1							
18	05	4	-1.5	09	10	00	0	0.0	0.0	0.1							
19	07	2	-1.6	09	8	07	6	-0.2	-0.2	-0.2							
20	11	6	-0.6	11	27	09	18	-0.1	-0.1	-0.1							
21	11	5	0.0	11	31	11	17	-0.2	-0.2	-0.2							
22	09	4	1.0	11	19	09	10	-0.2	-0.2	-0.2							
23	07	4	0.8	05	8	00	0	0.0	0.0	0.1							
24	09	3	-1.0	00	0	00	0	0.0	0.0	0.0							
25	11	5	0.6	11	23	09	15	0.2	0.1	0.1							
26	11	4	1.0	36	12	14	16	0.1	0.0	0.0							
27	09	3	1.0	02	12	05	14	0.0	0.1	0.0							
28	09	3	0.8	18	22	07	6	0.2	0.2	0.2							
29	07	4	1.2	36	33	02	17	0.2	0.2	0.2							
30	09	4	1.8	14	26	14	17	0.4	0.4	0.4							
31	09	3	1.0	07	18	11	17	0.4	0.4	0.4							
<b>M</b>	<b>4</b>	<b>-0.4</b>						0.1	0.1	0.1					<b>7.84</b>	<b>7.84</b>	<b>7.86</b>

# FALSTERBOREV

55° 18' N

Observatör: G.E. SÖDER, A. KNAFVE

12° 47' E

April

E d	Vind Riktn. Svynka	Luft- temp. Riktn. cm/sek.	Ström från Riktn. cm/sek.	Vattnets temperatur i °C						Vattnets salthalt i ‰					
				0 m	5 m	10 m	m	m	m	0 m	5 m	10 m	m	m	m
1	09	4	0.5	0.5	28	0.5	17	0.4	0.4	7.54	7.59	7.60			
2	09	5	0.9	0.5	30	0.5	20	0.4	0.4						
3	07	4	1.9	0.2	17	1.1	15	0.4	0.3	0.4					
4	05	4	2.1	0.2	13	1.1	14	0.8							
5	36	3	1.0	36	10	11	13	0.9	0.9	0.9					
6	34	2	0.8	0.5	6	0	0	0.8	0.9	0.9					
7	27	2	2.0	27	7	32	9	1.0	1.0	1.0					
8	32	2	2.8	32	7	34	6	1.0							
9	27	1	2.0	23	6	0	0	1.0	1.0	1.0					
10	23	2	2.8	27	11	27	7	1.0							
11	25	1	3.0	23	10	0	0	1.0	1.0	1.1					
12	23	3	4.0	25	19	29	17	1.0							
13	25	1	4.0	25	20	29	16	1.0	1.4	1.4					
14	27	1	4.0	23	8	0	0	1.8							
15	25	1	4.2	23	6	23	15	2.1	2.1	2.0					
16	18	2	5.8	14	18	23	10	2.2	2.2	2.4					
17	14	3	6.0	18	12	0	0	2.2	2.2	2.4					
18	14	3	6.5	16	11	16	10	2.3							
19	14	3	7.0	16	12	09	10	2.6	2.6	2.7					
20	27	2	6.2	00	0	09	7	2.9							
21	00	0	6.5	00	0	00	0	3.3	3.2	3.0					
22	25	1	7.0	00	0	00	0	3.4							
23	00	0	4.0	00	0	00	0	3.4	3.4	3.4					
24	11	3	4.6	00	0	00	0	3.5							
25	09	3	3.8	11	7	09	8	3.8	3.7	3.7					
26	18	3	6.0	00	0	00	0	4.0	4.0	4.0					
27	20	1	7.0	00	0	00	0	4.1	4.1	4.0					
28	16	2	2.0	14	9	16	5	4.2	4.2	4.4					
29	20	4	7.0	23	12	25	7	4.2							
30	25	3	7.0	25	8	23	6	4.4							
31								2.2	2.1	2.2					
M		2	4.3								7.66	7.65	7.69		

# FALSTERBOREV

55°18' N

Observatör: G.E. SÖDER, A. KNAFVE

1964  
12 47 E

Maj

D	E	Vind	Lufttemp.	Ström från	Vattenets temperatur i °C						Vattenets salthalt i ‰						
					Rikn.	cm/sek.	Rikn.	cm/sek.	0 m	5 m	10 m	m	m	m	m	m	m
1	25	4	7.4	25	12	25	9	4.6	4.6	4.6	4.6				7.89	7.91	7.94
2	23	2	6.2	23	8	23	6	4.3	4.3	4.4	4.1	3.3					
3	0	0	6.5	16	26	16	26	4.1	4.1	4.3	4.3						
4	25	3	7.0	20	8	23	6	4.3	4.3	4.3	4.3						
5	25	2	7.8	00	00	00	00	5.4	5.4	5.8	5.8				8.04	8.07	8.09
6	25	3	7.7	25	10	25	7	5.8	5.8	5.8	5.8						
7	16	2	9.0	27	5	27	7	6.2	6.2	6.1	6.1						
8	20	3	7.7	20	10	23	7	5.2	5.2	5.2	5.2						
9	23	2	10.2	00	00	29	4	6.0	6.0	6.0	6.0	5.2					
10	18	2	9.8	18	11	18	8	6.0	6.0	6.0	6.0						
11	25	3	8.4	32	16	32	18	5.8	5.8	5.8	5.8				7.91	7.95	8.01
12	20	2	8.4	23	7	00	0	6.0	6.0	6.0	6.0						
13	18	3	11.6	00	00	00	00	6.5	6.5	6.5	6.5						
14	27	2	9.0	00	00	16	6	6.7	6.7	6.7	6.7						
15	29	5	8.5	29	21	29	6	6.4	6.4	6.4	6.4						
16	29	4	8.5	29	12	32	8	7.2	7.2	7.2	7.2	3.7					
17	27	3	8.7	25	18	25	7	6.7	6.7	6.7	6.7	7.0					
18	09	2	8.8	09	6	00	00	6.7	6.7	6.7	6.7				8.04	8.07	8.05
19	14	3	9.2	14	5	00	00	7.0	7.0	7.0	7.0						
20	11	1	9.0	00	00	00	00	7.2	7.2	7.2	7.2						
21	00	0	9.6	00	00	00	00	7.3	7.4	7.4	7.5				7.91	7.91	8.00
22	34	1	8.4	29	6	00	00	8.2	8.2	8.2	8.2						
23	14	1	8.8	23	4	00	00	8.6	8.6	8.6	8.6						
24	11	2	11.8	00	0	36	4	9.3	9.3	9.3	9.3						
25	11	2	12.0	18	26	07	7	9.2	9.2	9.2	9.2	8.8					
26	09	4	12.0	14	14	05	17	9.2	9.2	9.2	9.2	9.0					
27	11	3	12.5	14	12	09	11	9.6	9.6	9.6	9.6	9.8			7.84	7.87	7.91
28	07	3	11.8	07	3	05	5	10.0	10.0	10.0	10.0						
29	00	0	15.0	00	00	00	00	10.2	10.2	10.2	10.2						
30	29	1	14.8	00	00	00	00	11.8	11.8	11.8	11.8						
31	36	3	13.2	32	11	32	6	11.5	11.5	11.5	11.5	10.8					
M	2	9.7						7.2	7.2	7.2	7.2	6.9			7.94	7.96	8.00

# FALSTERBOREV

12° 47' E

55° 18' N

Observeratör: G.E. SÖDER

Juni

1964

12° 47' E

E S W D	Wind Riktn. Styrka	Luft- temp. Riktn.	Ström från 0 m cm sek. Riktn.	Vattenets temperatur i °C						Vattenets salthalt i ‰								
				0 m			5 m			10 m			m			5 m		
				Riktn.	cm sek.	Riktn.	Riktn.	cm sek.	Riktn.	Riktn.	cm sek.	Riktn.	Riktn.	cm sek.	Riktn.	Riktn.	cm sek.	Riktn.
1	36	2	11.8	0.2	7	0.0	0	12.8	12.2	11.8						7.83	7.84	7.87
2	11	3	11.5	0.9	28	1.4	24	11.4										
3	18	1	12.8	0.0	0	0.0	0	10.6	10.6	10.7								
4	27	3	11.8	29	15	32	12	10.9										
5	14	2	15.0	0.0	0	0.0	0	10.8	10.8	10.8								
6	29	2	13.0	29	11	29	12	11.0	11.0	10.9								
7	16	2	15.2	0.0	0	0.0	0	11.6	11.4	11.3								
8	20	3	13.5	0.0	0	32	4	11.8										
9	29	4	12.8	27	14	32	15	11.8	11.7	11.7								
10	25	1	14.6	0.0	0	32	6	12.3										
11	18	3	15.2	27	6	27	4	12.3	12.3	12.4						7.88	7.85	7.85
12	32	1	15.2	0.0	0	0.0	0	12.8										
13	09	3	16.0	16	17	16	13	13.3	13.1	12.0								
14	11	4	16.8	14	18	11	17	13.2										
15	20	1	15.0	0.0	0	0.0	0	14.2	14.2	14.1								
16	25	4	14.2	25	16	27	11	13.7	13.6	13.6						7.84	7.84	7.84
17	23	3	14.8	32	6	34	12	14.0	14.0	13.8								
18	34	2	15.4	0.0	0	0	0	13.8										
19	14	5	17.0	14	18	14	16	13.6	13.6	13.2								
20	27	2	13.7	0.0	0	0.0	0	14.6										
21	29	3	12.4	27	8	32	6	14.4	14.4	14.0								
22	02	2	14.6	32	8	32	6	14.2	14.2	12.8								
23	16	1	12.4	0.0	0	25	5	14.2	14.2	12.8								
24	25	4	13.6	27	18	27	19	13.7										
25	29	3	14.0	29	13	27	12	13.8	13.6	10.6								
26	25	2	15.4	27	6	25	5	14.0	13.8	14.0						7.92	7.95	7.99
27	00	0	17.8	23	8	23	11	14.8	14.2	13.8								
28	29	3	16.4	0.0	0	0.0	0	15.9										
29	27	4	13.0	27	8	0.0	0	14.4	14.4	12.3								
30	29	6	12.3	27	11	29	7	12.8										
31																		
M	3	14.2						13.1	13.0	12.4						7.85	7.91	7.91

# FALSTERBOREV

55° 18' N

Observatör: G.E. SÖDER, A. KNAFVE

12° 47' E

1964

# FALSTERBOREV

Juli

Juli

D	E	Vind Riktn. Syrka	Luft- temp. Riktn.	Ström från 0 m		Vatten temperatur i °C						Vatten salthalt i ‰						
				Riktn.	cm/sak.	Riktn.	cm/sak.	0 m	5 m	10 m	m	m	m	m	0 m	5 m	10 m	m
1	27	2	12,5	25	15	23	20	13,7	13,8	10,7					8,04	8,58	8,47	
2	29	2	15,7	29	16	29	12	14,2										
3	27	3	12,1	27	29	27	26	14,0	13,8	8,9								
4	27	4	11,4	25	25	32	17	13,9										
5	27	4	10,8	25	27	18	13,3	13,1	13,1									
6	27	3	12,0	27	19	29	16	13,1	13,0	11,8								
7	25	5	13,2	25	12	25	8	11,9	11,9	11,7								
8	20	4	14,8	25	36	27	27	12,1							8,07	8,07	8,25	
9	20	3	13,8	23	18	25	15	12,3	12,1	8,6								
10	23	3	14,0	25	24	23	13	10,9										
11	23	3	13,0	11	7	9	9	12,2	12,2	11,3					8,74	8,74	8,96	
12	16	2	14,0	14	6	00	0	12,4										
13	20	1	13,5	00	0	00	0	12,9	12,6	10,7								
14	00	0	16,0	14	9	14	5	13,1										
15	11	1	16,5	00	0	00	0	14,1	12,8	13,0								
16	11	1	19,0	00	0	00	0	14,4	13,2	12,2								
17	32	2	19,5	00	0	00	0	14,9	14,9	12,7								
18	27	1	17,0	29	6	00	0	16,0										
19	14	1	20,0	00	0	00	0	16,8	14,6	12,3								
20	23	3	18,0	23	9	00	0	16,8										
21	29	2	15,5	32	12	29	8	16,4	16,4	14,4								
22	07	4	16,0	11	22	09	8											
23	25	3	15,2	18	7	00	0	15,8	15,8	12,4								
24	27	4	16,0	27	12	27	3	16,0										
25	27	2	14,5	27	12	29	7	15,5	15,5	13,8								
26	23	1	16,0	00	0	00	0	15,6	14,8	15,1								
27	00	0	16,5	14	7	14	6	15,6	15,5	13,5								
28	27	3	15,0	18	7	14	10	16,0										
29	29	5	14,0	27	17	29	14	14,8	14,9	13,6								
30	29	4	14,0	32	17	20	23	14,6										
31	23	3	16,0	27	8	27	7	14,4	14,3	13,5								
M	3	15,0						14,3	14,0	12,3					8,22	8,35	8,44	

# FALSTERBOREV

Augusti

1964

# FALSTERBOREV

Observer: A. KNAFVE

55° 18' N

12° 47' E

Augusti

D	E	Vind Riktn. Dir.	Luft- temp. Sjöko	Ström från 0 m 10 m		Vatten temperatur i °C						Vatten salthalt i ‰					
				Riktn. cm sek.	Riktn. cm sek.	0 m	5 m	10 m	m	m	m	m	0 m	5 m	10 m	m	m
1	27	3	14.0	32	20	36	11	13.9	14.8	14.3					9.27	10.01	10.07
2	29	5	13.5	32	20	29	12	14.5									
3	32	4	13.0	34	24	34	12	14.2	14.0	14.0							
4	29	5	13.5	20	31	23	28	12.8									
5	32	4	14.0	34	26	32	17	13.8	14.0								
6	34	2	16.0	32	14	32	8	13.0	13.0	13.0					8.96	9.02	9.10
7	02	2	13.0	27	8	29	10	13.6									
8	14	4	13.5	16	8	18	6	10.5	10.7	10.8							
9	00	0	13.5	00	0	14	3	13.5	13.5	12.8							
10	00	0	12.5	00	0	00	0	11.8									
11	36	1	13.5	16	6	14	3	13.1	12.0	11.0					7.90	7.92	7.92
12	09	3	15.0	09	12	14	7	15.0									
13	07	4	16.0	07	11	09	20	14.2	14.2	14.2							
14	09	2	13.8	05	13	07	12	14.4									
15	20	2	14.8	00	0	00	0	14.6	14.6	14.4					7.85	7.98	8.01
16	32	3	12.8	23	24	23	15	14.2	14.6	14.6							
17	00	0	14.5	27	8	29	7	14.4	14.4	14.5							
18	16	3	16.0	14	8	00	0	14.8									
19	18	2	16.0	00	0	00	0	14.8	14.8	14.6							
20	27	2	15.4	23	11	29	8	14.8							8.02	8.03	8.10
21	29	5	12.0	34	23	32	18	14.6	14.8	14.6							
22	29	2	12.6	32	11	29	20	14.4									
23	25	2	14.8	25	26	25	29	14.4	14.4	14.3							
24	23	4	15.5	27	14	32	17	14.5									
25	25	3	15.8	29	7	27	9	14.2	14.2	14.3					8.44	8.47	8.83
26	18	2	15.4	00	0	00	0	14.3	14.1	14.2							
27	20	2	18.9	23	17	27	12	15.4	15.4	15.2							
28	36	2	18.4	09	7	14	8	15.6							8.41	8.57	8.67
29	11	1	16.8	14	19	11	17	15.6	15.0	15.0							
30	29	7	12.2	29	19	27	17	14.3									
31	29	4	12.0	32	17	29	13	13.4	14.0	13.8							
M	3	14.5						14.1	14.0	13.9							

# FALSTERBOREV

55° 18' N

September

12° 47' E

1964

# FALSTERBOREV

September

D	Egn	Wind	Lufttemp.	Ström från	Vattnets temperatur i °C						Vattnets salthalt i ‰						
					Riktn.	Syrka	0 m	5 m	10 m	m	m	m	m	m	m	m	m
1	34	2	15.0	34.	3	00	0	14.6	14.6	13.6					9.31	9.27	9.51
2	00	0	14.2	32	18	32	11	14.2									
3	07	2	15.4	27	8	29	7	14.6	14.5	14.6							
4	11	2	15.4	00	0	00	0	14.9									
5	14	1	16.0	00	0	11	4	15.2	15.2	14.3							
6	16	2	16.6	16	5	16	4	15.4	15.4	14.2							
7	29	2	15.4	29	8	32	7	15.4	15.3	14.8							
8	23	4	14.8	25	12	23	8	15.2									
9	29	4	11.8	32	26	27	9	14.6	14.7	14.6							
10	29	2	12.5	00	0	00	0	14.8									
11	29	1	13.5	29	22	27	8	14.4	14.4	14.4							
12	25	6	15.0	25	31	25	15	14.0									
13	29	5	11.2	32	17	27	9	14.0	14.0	14.2							
14	18	4	13.0	16	21	18	7	13.8									
15	23	3	15.6	27	7	00	0	14.0	14.0	13.9							
16	23	2	15.4	00	0	00	0	14.1	14.1	14.1							
17	23	8	13.5	27	35	29	29	13.8	13.8	13.8							
18	25	5	11.4	25	15	27	13	13.8									
19	29	5	11.2	32	19	36	9	13.6	13.6	13.8							
20	25	8	11.7	25	42	25	35	13.3									
21	27	4	9.2	29	33	32	38	13.2	13.2	13.4							
22	32	2	11.0	23	7	00	0	12.4									
23	23	3	12.6	27	6	27	17	12.6	12.4	12.4							
24	18	1	12.2	26	7	36	8	12.0									
25	14	2	12.8	00	0	00	0	11.5	12.1	12.1							
26	18	1	12.2	32	14	29	13	11.2	11.8	12.2							
27	32	1	12.0	32	8	27	11	12.0	12.2	12.0							
28	29	1	12.0	14	13	14	11	11.8									
29	25	3	13.0	05	3	05	3	12.2	11.8	12.0							
30	29	4	10.2	16	11	18	7										
31																	
M		3	13.2					13.7	13.7	13.6					9.03	9.04	9.23

# FALSTERBOREV

Oktobe

# FALSTERBOREV

55° 18' N

Observatör: G.E. SÖDER, A. KNAFVE

12° 47' E

Oktobe

1964

E	Wind	Luft- temp.	Ström från 0 m		Ström från 30 m		Vatten temperatur i °C						Vatten saltinhalt i ‰					
			Riktn. Dirktn.	Slycka	Riktn. Dirktn.	Slycka	0 m	5 m	10 m	m	m	m	m	0 m	5 m	10 m	m	m
1	23	1	13,5	0,5	14	0,5	11,5	11,7	12,0					8,22	8,34	8,82		
2	32	1	10,5	3,2	2,6	2,8	11,3											
3	05	3	10,4	16	6	0	11,6	11,6	11,7									
4	18	2	10,2	18	4	16	2											
5	16	2	11,0	18	2	0	10,9	10,8	10,8									
6	18	2	10,8	0,0	0	11	4	11,0	11,0	10,9								
7	23	3	11,5	0,0	0	29	2	11,0	11,0	11,0								
8	20	3	11,8	27	5	25	8	11,0										
9	14	2	11,4	14	12	11	8	11,5	11,5	11,6								
10	18	2	10,0	14	11	16	8	11,0										
11	20	6	9,5	23	22	18	17	11,0	11,0	11,0								
12	16	3	10,8	16	22	18	14	10,8										
13	07	2	10,4	09	14	07	7	10,9	11,0	11,0								
14	25	6	8,6	23	22	25	19	10,5										
15	18	2	9,5	32	5	32	10	10,8	10,8	10,8								
16	14	4	9,9	23	11	18	3	10,8	10,4	10,6								
17	05	1	9,0	0,0	0	05	6	10,8	10,8	10,8								
18	02	4	8,6	07	11	05	10	10,4										
19	02	2	9,0	02	7	09	6	10,2	10,2	10,2								
20	23	2	8,0	00	0	00	0	10,2										
21	25	3	8,2	27	18	32	3	10,2	10,2	10,2								
22	25	2	9,6	00	0	32	5	10,2										
23	20	5	8,4	16	25	29	26	10,1	10,2	10,1								
24	23	4	7,0	29	19	29	22	9,8										
25	27	4	7,2	27	17	32	14	9,8	9,8	9,9								
26	09	1	6,0	09	7	14	7	9,6	9,7	9,9								
27	09	2	8,0	11	6	09	4	9,7	9,7	9,7								
28	09	3	9,2	11	26	20	9,6											
29	11	4	8,4	11	16	11	10	9,5	9,5									
30	11	3	7,3	11	9	14	6	9,1										
31	16	3	7,0	00	0	00	0	9,2	9,2	9,2								
M	3	9,4						10,5	10,5	10,6						8,31	8,33	8,43

# FALSTERBOREV

55° 18' N

November

Observatör: G.E. SÖDER, A. KNAFVE

12° 47' E

1964

D	E	Vind Riktn. Dir.	Luft- temp. Riktn. Dir.	Ström. strän Riktn. Dir.			Vattens temperatur i °C			Vattens salthalt i ‰			
				0 m	10 m	Riktn. Dir.	0 m	5 m	10 m	m	m	m	m
1	16	3	8.0	16	13	18	7	9.2	9.2				
2	23	2	8.4	0.0	25	6	9.2						
3	05	2	6.2	0.0	0.0	0	9.1	9.1	9.2				
4	34	2	5.2	0.9	8	0.0	9.0						
5	32	3	7.6	29	14	12	9.0	9.0	8.9				
6	27	2	6.0	32	8	32	11	8.5	9.0	8.8			
7	36	2	5.5	0.5	3	05	4	8.8	9.0	8.8			
8	27	2	5.5	36	4	00	0	8.8					
9	18	2	6.5	23	6	27	13	8.8	8.8	8.7			
10	18	1	5.5	23	2	00	0	8.8					
11	27	1	4.7	0.0	0	00	0	8.7	8.3	8.2			
12	23	2	6.0	18	6	00	0	8.5					
13	27	4	7.8	25	22	27	19	7.8	7.9	8.4			
14	20	6	8.0	23	14	20	9	7.8					
15	25	6	8.8	27	31	29	19	8.2	8.3	8.2			
16	23	6	7.6	32	24	16	17	7.5	8.0	7.8			
17	27	7	6.2	36	40	25	28	7.8	7.6	7.6			
18	32	8	5.2	34	42	29	39	7.2					
19	27	2	5.2	16	6	18	11	8.0	8.0	7.9			
20	29	3	8.4	29	28	29	23	7.6					
21	29	5	9.0	36	22	36	21	8.0	8.0	8.0			
22	18	1	3.4	16	2	20	3	8.0					
23	27	4	9.0	29	33	27	26	8.0	8.0				
24	27	6	8.6	29	37	27	22	8.0					
25	29	6	8.8	27	28	29	32	7.8	7.6	7.6			
26	29	5	6.4	29	18	25	10	7.2	7.2	7.2			
27	23	5	8.0	25	32	27	25	7.4	7.4	7.4			
28	25	5	5.5	15	19	27	24	7.2					
29	25	2	4.8	27	34	29	28	7.2	7.2				
30	00	0	3.8	34	26	36	22	6.8					
31													
M	4	6.7						8.1	8.2	8.2			

# FALSTERBOREV

55°18'N

Observatör: G.E. SÖDER, Å. KNAEVE

1964

12°47'E

December

E S W D	Wind Riktin. Styrka	Luft- temp. Riktin. cm/sek.	Ström från 0 m Riktin. cm/sek.	Vattenets temperatur i °C						Vattenets saltinhalt i ‰								
				0 m			5 m			10 m			0 m			5 m		
				Riktin.	cm/sek.	Riktin.	cm/sek.	Riktin.	cm/sek.	Riktin.	cm/sek.	Riktin.	cm/sek.	Riktin.	cm/sek.	Riktin.	cm/sek.	
1	16	2	3.2	20	8	23	9	6.7	6.8	7.5						9.54	9.57	
2	05	2	2.0	00	0	32	8	7.0										
3	20	9	2.0	23	20	23	13	6.6	6.6	6.6								
4	23	4	3.6	25	17	23	7	6.2										
5	36	4	3.0	07	13	09	17	6.5	6.5	6.5								
6	07	1	1.0	07	17	09	21	5.6	5.6	5.7								
7	23	4	7.0	23	5	00	0	6.2	6.2	6.2								
8	18	6	7.0	16	21	14	14	6.4										
9	20	6	7.2	18	22	23	9	6.2	6.2	6.2								
10	20	3	7.2	11	12	11	14	6.3										
11	16	2	6.8	09	14	11	12	6.5	6.5	6.4						9.34	9.39	9.51
12	23	2	6.2	16	12	14	2	6.2										
13	23	8	7.4	27	28	27	23	6.4	6.5	6.4								
14	29	7	6.0	27	22	32	12	5.9										
15	23	2	5.8	23	6	23	4	6.0	6.1	6.0								
16	32	2	3.5	00	0	02	3	6.2	6.0	6.0								
17	09	5	5.6	09	37	14	28											
18	36	1	3.7	09	3	09	6	6.2										
19	02	2	-0.2	05	11	09	10	6.0	6.2	6.2								
20	25	2	1.0	09	4	09	3	5.8										
21	11	2	2.2	23	10	18	7	5.8	5.8	5.8								
22	36	1	0.4	00	0	09	17	5.8										
23	27	2	4.0	32	8	27	6	5.1	5.2	5.2								
24	27	1	1.5	14	4	00	0	5.2										
25	27	3	1.8	00	0	14	3	5.0	5.2	5.2								
26	32	1	-1.0	00	0	09	3	4.9	5.0	4.9								
27	09	1	-0.5	18	3	09	3	4.8	4.9	4.9								
28	07	4	-1.2	07	17	09	10	4.1										
29	05	4	-1.2	05	17	09	12	4.0	4.0	4.0								
30	18	6	0.8	18	17	23	11	3.9										
31	23	7	4.8	23	13	27	11	4.0	4.0	4.0								
M	3	3.2						5.7	5.8	5.8						9.43	9.53	9.71

# FLADEN

57° 13' N

Januari

Observatör: J. AHLSTRÖM

11° 51' E

1964

E n d a g d	V ind  R uin. Svika	Luft- temp. Rikin.	Ström från 0 m cm sek.	Vattnets temperatur i °C						Vattnets salthalt i ‰											
				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	23	2	4.0	34	30	34	20	3.0	3.0	3.1	3.5	7.5	8.4	8.0	24.73	24.83	25.26	26.22	32.04	33.83	34.16
2	00	0	1.5	14	14	00	0	2.5	3.0	3.2	4.0	5.7	8.5	8.8	20.26	24.28	25.57	27.41	30.45	34.05	34.39
3	20	5	4.2	25	38	29	18	2.9	3.0	3.2	4.1	5.3	8.8	8.9	23.80	23.96	24.49	26.24	29.36	34.22	34.48
4	23	3	2.5	34	20	36	10	2.7	2.8	3.1	3.5	5.5	8.4	8.6	23.70	23.79	23.93	24.72	30.72	33.99	34.29
5	18	2	6.0	25	15	00	0	2.6	2.8	3.1	3.4	5.6	8.2	8.3	22.16	23.19	24.43	25.21	31.28	33.84	34.16
6	07	3	2.8	14	13	20	12	2.5	2.7	3.4	3.7	6.3	7.8	8.2	21.44	23.63	25.00	25.67	30.73	33.94	34.20
7	00	0	2.6	00	0	00	0	2.5	2.6	3.4	4.1	6.8	7.8	8.2	22.48	23.75	25.25	27.66	32.55	33.93	34.24
8	36	2	1.5	11	23	14	15	2.3	2.5	3.5	4.2	7.1	7.6	8.3	22.26	23.27	25.42	27.54	32.48	33.84	34.37
9	16	2	1.0	00	0	32	17	2.3	2.9	3.7	4.2	6.7	7.3	7.8	23.08	24.04	25.79	27.73	32.12	33.82	34.21
10	05	1	3.2	07	12	18	20	2.2	2.3	3.5	4.0	6.6	7.4	7.5	22.96	23.29	25.25	27.10	27.49	33.69	33.96
11	14	2	0.5	11	22	14	12	2.0	3.0	3.7	4.1	6.6	7.2	7.6	22.96	23.52	25.54	26.64	32.29	33.74	34.11
12	20	1	-2.2	36	25	34	13	1.9	2.5	3.1	3.9	6.4	7.0	7.5	22.70	23.26	24.42	26.92	31.65	33.59	33.94
13	09	4	1.3	05	15	00	0	1.8	2.0	3.2	4.2	6.3	7.0	7.5	22.81	22.87	24.30	27.10	32.95	33.63	33.84
14	36	6	0.2	14	27	16	22	1.2	2.0	3.3	4.5	6.1	6.7	7.1	21.21	22.62	24.73	28.16	32.92	33.73	33.92
15	32	2	1.0	00	0	16	18	1.3	1.4	3.3	4.5	6.5	6.9	7.1	21.61	21.67	24.63	27.90	33.38	33.70	33.87
16	36	2	1.9	11	9	16	12	1.3	1.5	3.0	4.2	6.5	6.9	7.4	21.99	22.18	24.18	27.52	33.13	33.66	34.09
17	27	2	2.2	11	10	00	0	0.5	1.9	2.4	5.2	6.4	7.1	7.4	21.06	22.74	23.46	27.92	32.17	33.67	-
18	25	2	1.0	36	12	02	8	0.5	1.8	2.5	5.4	6.9	7.1	7.5	21.20	22.77	23.36	28.33	32.84	33.69	33.82
19	25	4	2.1	29	20	00	0	1.4	1.6	2.1	6.1	6.5	7.0	7.2	22.45	22.46	22.96	30.23	32.91	33.66	33.87
20	25	4	2.5	27	13	27	22	1.6	2.2	3.4	6.0	6.2	6.4	7.0	22.05	22.73	24.29	32.26	33.04	33.62	33.84
21	25	5	4.2	29	23	32	27	1.8	1.9	3.5	6.0	6.3	6.8	7.0	20.90	22.90	23.98	31.44	33.10	33.56	33.78
22	32	6	5.0	16	18	16	25	2.4	4.4	6.0	6.4	7.3	7.8	8.0	23.69	23.68	27.66	31.57	32.88	33.62	33.98
23	25	4	3.0	32	25	07	15	2.2	2.2	2.9	5.7	6.4	7.4	7.6	23.60	23.61	24.23	31.66	32.63	33.65	33.91
24	34	5	4.0	36	32	05	17	2.7	2.8	3.3	5.6	6.2	6.4	7.2	25.42	25.48	26.11	32.06	32.67	33.44	33.62
25	32	6	4.8	18	8	16	23	3.0	3.2	5.5	5.8	6.3	7.0	7.4	26.42	26.46	31.79	33.17	33.38	33.62	33.84
26	27	5	3.5	32	63	25	22	2.9	3.6	4.2	4.6	5.4	6.5	7.6	26.07	27.43	29.31	31.04	32.20	33.42	33.84
27	36	3	1.3	23	9	20	18	3.3	4.2	4.7	5.1	5.4	6.1	6.4	27.66	29.95	31.56	32.05	32.87	33.24	33.56
28	18	7	2.8	23	13	29	20	3.4	3.5	4.8	5.0	5.7	6.1	6.6	28.60	-	-	-	-	-	-
29	23	5	3.0	32	32	24	23	2.6	2.8	3.0	4.1	4.6	6.0	6.4	23.19	23.87	25.44	28.57	32.08	33.72	34.01
30	20	7	4.0	29	20	23	25	2.6	2.7	3.3	4.2	4.9	6.0	6.4	-	-	-	-	-	-	-
31	27	6	4.2	25	22	32	48	2.5	2.6	2.6	3.8	4.8	5.8	6.1	-	-	-	-	-	-	-
M	3	2.6						2.2	2.6	3.4	4.6	6.1	7.1	7.5	-	-	-	-	-	-	-

# FLADEN

Februari

57°13'N

Observatör: G. BULL, R. WELANDER, A. KNAFVE

11°51'E

# FLADEN

Februari

1964

E S O	Wind Riktn. Styrka	Luft- temp. Riktn. cm/sek.	Strömför- 0 m Riktn. cm/sek.	Vattnets från 0 m Riktn. cm/sek.										Vattnets salthalt i ‰/‰ m											
				Vattnets temperatur i °C					0 m					0 m					0 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	0 m	5 m	10 m	15 m	20 m	
1	23	6	5.0	32	25	34	38	3.2	3.3	4.0	5.1	5.8	6.2												
2	29	4	3.9	34	12	29	42	1.7	2.1	3.9	4.1	5.6	6.0												
3	20	5	4.6	29	22	34	12	2.9	2.7	4.0	4.0	5.7	6.1												
4	27	6	4.0	25	15	29	27	3.5	3.6	3.9	4.1	4.9	5.8	5.9											
5	34	2	3.8												29.84	29.90	29.98	30.14	31.71	33.17	33.43				
6	36	2	0.0												32.50	32.51	32.50	32.52	32.56	33.17	33.73				
7	27	5	3.5	25	23	29	4.1	4.5	4.6	4.7	5.9	6.3			30.81	30.87	31.24	31.68	31.92	32.17	32.78				
8	32	6	6.0	34	38	32	20	3.7	3.7	3.9	4.1	5.6	6.0			31.23	31.23	31.39	31.54	31.60	31.95	32.78			
9	02	4	6.5	36	27	34	12	3.7	3.7	3.8	4.0	5.1	5.7			29.73	30.17	30.39	31.19	31.35	31.77	32.77			
10	27	4	4.0	29	22	27	9	3.4	3.6	3.8	4.0	4.0	4.1	5.5											
11	36	5	3.0	16	30	05	14	1.9	1.9	3.7	3.8	4.3	4.3	5.8											
12	02	7	0.0	18	20	23	43	1.7	2.8	4.7	4.3	4.4	4.4	5.2											
13	14	1	-3.8	18	25	20	22	1.5	2.1	3.6	4.4	4.5	4.7	5.1											
14	09	5	-2.0	16	21	23	35	1.3	1.9	3.2	4.1	4.4	4.6	5.0											
15	14	3	0.5	16	29	16	15	1.4	1.5	3.0	3.8	4.2	4.3	5.0											
16	11	3	-1.0	14	22	16	12	1.3	1.6	2.6	3.6	4.2	4.6	4.9											
17	09	7	-2.5	14	32	23	23	1.2	1.5	1.8	2.7	3.8	4.4	4.9											
18	05	7	-6.0	16	22	18	18	0.1	0.6	0.8	3.2	4.0	4.8	5.0											
19	00	0	-5.5	16	10	0	0	0.3	0.6	1.2	1.2	3.4	4.7	4.9											
20	16	2	-1.0	23	30	23	27	-0.5	-0.5	0.3	0.5	3.5	4.6	4.9											
21	00	0	1.0	18	20	20	13	-0.1	0.5	1.5	3.1	3.7	4.7	5.1											
22	11	3	-0.5	16	17	18	13	-0.1	0.7	1.1	2.5	3.8	4.4	5.0											
23	11	5	-2.5	16	30	18	17	-0.3	0.0	1.4	2.2	3.4	4.7	5.1											
24	11	6	-2.0	16	8	32	6	0.4	1.3	1.4	1.6	3.6	4.2	5.1											
25	11	3	1.2	05	18	34	13	0.6	0.9	1.1	1.5	3.1	4.5	5.1											
26	14	5	1.0	32	6	32	12	0.2	0.5	0.9	1.0	2.3	4.3	5.2											
27	16	5	2.0	14	17	32	6	0.6	0.7	0.9	1.4	4.2	5.5	6.1											
28	14	5	1.0	29	11	32	29	0.6	0.7	0.9	2.5	5.0	5.8	6.1											
29	18	2	1.0	32	20	02	10	0.7	0.5	0.6	0.3	3.1	5.9												
30																									
31																									
M	5	0.9						1.4	1.8	2.4	3.1	4.0	4.9	5.4											

## FLADEN

57° 13' N

Observatoriet: G. BULL, R. WELANDER, A. HANSSON, J. AHLSTRÖM, A. KNAFVE

1964

11° 51' E

Mars

E n d a g	Vind	Luft- temp.	Riktn. Styrka	Ström från 0 m				Vattnets temperatur i °C								Vattnets salthalt i ‰									
				Riktn.	cm sek.	Riktn.	cm sek.	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	11	3	0.0	27	20	32	14	0.5	0.6	0.5	0.7	0.8	2.0	3.8	5.8	6.3	6.0	6.2	16.36	18.82	19.11	24.10	29.83	34.41	34.65
2	34	2	2.0	36	11	36	16	0.5	0.5	0.5	0.5	0.5	2.0	3.2	4.1	5.9	6.2	6.4	16.83	18.36	20.39	26.99	31.27	34.18	34.72
3	34	2	1.0	32	20	00	0	0.2	0.5	0.5	0.5	0.5	2.0	3.2	4.1	5.9	6.2	6.4	17.79	18.78	20.99	29.51	31.92	34.38	34.63
4	05	2	1.0	36	13	00	0	0.2	0.6	0.5	0.5	0.5	2.0	3.2	4.1	5.7	6.0	6.4	18.27	19.04	22.23	30.26	32.66	34.44	34.75
5	09	3	-2.0	23	13	23	20	0.1	0.4	0.6	0.6	0.6	3.5	5.2	6.1	6.4	6.4	6.4	18.44	19.03	23.24	29.82	33.14	34.42	34.73
6	14	2	-1.5	18	13	18	10	-0.4	0.7	0.6	0.6	0.6	3.4	4.9	5.8	6.2	6.2	6.2	18.88	17.81	21.97	28.71	32.83	34.19	34.59
7	00	0	-0.5	18	11	00	0	-0.7	0.4	1.2	3.3	4.5	5.8	6.3	6.3	6.3	6.3	6.3	15.87	16.51	23.30	29.26	32.38	34.18	34.61
8	25	4	0.0	18	17	09	6	-0.2	0.9	1.7	4.0	4.7	5.7	6.0	6.0	6.0	6.0	6.0	15.86	18.78	24.59	31.39	32.77	34.09	34.38
9	00	0	1.0	11	9	18	6	0.4	1.3	2.2	4.2	4.7	5.6	6.0	6.0	6.0	6.0	6.0	16.54	20.31	26.26	31.50	32.85	34.17	34.44
10	00	0	-2.0	36	13	00	0	0.2	2.1	4.0	5.8	6.2	6.4	6.4	6.4	6.4	6.4	6.4	17.82	18.55	26.43	31.48	34.15	34.58	34.70
11	00	0	2.0	00	0	32	13	0.8	0.7	2.3	4.3	5.7	6.6	6.6	6.6	6.6	6.6	6.6	17.89	18.99	27.44	32.51	34.09	34.87	34.85
12	05	1	0.0	05	20	07	6	0.6	0.7	1.4	4.0	5.4	6.5	6.6	6.6	6.6	6.6	6.6	17.42	20.12	24.32	31.81	33.81	34.78	34.86
13	11	5	-1.0	16	33	18	20	0.1	0.7	1.4	4.2	5.8	6.3	6.6	6.6	6.6	6.6	6.6	16.27	17.81	24.48	31.60	34.14	34.71	34.91
14	09	3	-3.5	09	34	14	22	0.3	0.6	1.6	3.8	4.7	6.0	6.4	6.4	6.4	6.4	6.4	16.35	16.40	23.98	30.48	32.23	34.32	34.70
15	09	4	-3.5	09	47	29	11	-0.4	0.3	1.0	3.7	4.4	6.0	6.3	6.3	6.3	6.3	6.3	16.07	16.11	19.52	30.23	31.46	34.14	34.59
16	09	2	-2.0	36	27	36	22	0.1	0.3	0.5	3.4	4.6	6.0	6.2	6.2	6.2	6.2	6.2	16.43	16.39	17.15	28.45	32.10	34.20	34.50
17	09	4	-0.5	29	31	27	21	0.5	0.6	1.1	3.9	5.5	6.1	6.3	6.3	6.3	6.3	6.3	16.56	16.56	19.68	29.79	33.69	34.45	34.65
18	05	4	-2.2	20	16	00	0	0.1	0.2	0.5	3.2	5.2	6.1	6.2	6.2	6.2	6.2	6.2	16.22	16.21	26.21	32.81	34.34	34.59	34.70
19	05	3	-1.3	23	23	25	10	0.2	0.2	0.3	4.2	5.3	6.1	6.4	6.4	6.4	6.4	6.4	16.28	16.28	16.29	30.68	33.00	34.37	34.67
20	09	5	-1.8	25	13	25	9	0.1	0.1	0.7	4.3	5.0	6.2	6.3	6.3	6.3	6.3	6.3	16.37	16.27	20.43	31.13	33.11	34.43	34.73
21	09	6	1.8	14	37	29	23	0.5	0.5	0.6	3.9	5.0	6.1	6.2	6.2	6.2	6.2	6.2	17.34	17.33	17.35	31.12	32.72	34.46	34.65
22	11	5	1.5	16	31	18	19	0.4	0.4	0.6	4.9	5.5	6.0	6.1	6.1	6.1	6.1	6.1	17.06	17.08	17.54	32.43	33.73	34.48	34.61
23	09	4	1.0	14	23	16	15	0.5	0.5	0.8	4.8	5.7	6.3	6.4	6.4	6.4	6.4	6.4	17.05	17.05	18.36	32.93	34.05	34.65	34.72
24	11	4	-1.1	14	27	14	13	0.5	0.5	2.2	5.2	5.7	6.3	6.3	6.3	6.3	6.3	6.3	17.22	17.17	24.61	32.59	33.83	34.59	34.66
25	11	5	-0.2	14	38	16	20	0.6	0.6	2.8	5.2	5.4	6.2	6.3	6.3	6.3	6.3	6.3	16.85	17.04	28.14	32.51	33.31	34.61	34.71
26	11	4	1.2	16	20	00	0	0.7	0.7	2.7	4.5	5.1	6.1	6.2	6.2	6.2	6.2	6.2	17.29	17.37	24.78	31.49	32.87	34.57	34.64
27	09	3	1.0	00	0	05	11	0.7	0.8	2.7	4.6	5.2	6.1	6.2	6.2	6.2	6.2	6.2	17.29	17.41	24.81	31.72	33.06	34.46	34.60
28	05	2	1.0	36	27	00	0	1.0	1.0	1.3	4.8	5.7	6.8	7.2	7.2	7.2	7.2	7.2	17.61	17.60	19.75	31.98	34.01	34.40	34.70
29	07	5	2.0	05	16	11	13	1.1	1.1	1.4	5.1	5.6	6.2	6.6	6.6	6.6	6.6	6.6	17.40	17.32	19.24	32.32	33.59	34.49	34.66
30	05	4	2.5	07	18	23	23	1.0	1.0	2.1	5.1	5.6	6.2	6.5	6.5	6.5	6.5	6.5	16.94	16.89	25.68	32.53	33.45	34.51	34.71
31	05	3	1.9	36	12	00	0	1.2	1.2	2.2	5.0	5.7	6.2	6.2	6.2	6.2	6.2	6.2	16.31	19.91	24.95	32.50	33.82	34.62	34.71
M	3	-0.1						0.4	0.6	1.3	4.0	5.1	6.1	6.3	6.3	6.3	6.3	6.3	16.80	17.72	22.33	30.79	32.99	34.44	34.67

# FLADEN

April

# FLADEN

57° 13' N

Observator: G. BULL, R. WELANDER, A. HANSSON

11° 51' E

April

1964

E Q	Wind Riktn. Syrka	Luft- temp., Riktn. cm/sek.	Ström från 0 m Riktn. cm/sek. Riktn. cm/sek.	Värlnets temperatur i °C						Värlnets salthalt i ‰											
				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	05	3	2.0	0.2	1.5	0.0	0	1.3	1.4	3.5	5.4	5.7	6.2	6.3	16.29	18.29	28.31	33.49	33.72	34.60	34.69
2	05	2	2.2	0.5	7	0.0	0	1.6	1.6	4.0	5.6	5.6	6.2	6.3	16.32	19.01	29.17	33.58	33.60	34.77	34.79
3	07	2	3.8	0.0	0	0.0	0	1.7	1.6	3.5	5.3	5.6	6.2	6.3	16.91	16.96	28.38	33.12	33.66	34.74	34.78
4	09	3	4.0	23	7	18	6	1.6	1.6	4.5	5.5	5.9	6.3	6.3	16.78	16.82	31.18	33.46	34.24	34.73	34.78
5	05	3	2.0	1.6	17	18	11	1.8	1.8	4.2	5.5	6.1	6.2	6.2	16.53	16.55	30.68	33.44	34.59	34.80	34.78
6	09	1	2.8	0.0	20	8	2.0	2.2	4.6	5.5	6.0	6.2	6.3	16.75	17.04	31.50	33.73	34.47	34.79	34.89	
7	00	0	4.0	0.9	10	18	22	2.1	2.5	5.0	6.0	6.2	6.2	6.2	17.66	20.78	32.72	34.52	34.76	34.82	34.89
8	34	1	6.0	0.2	40	18	7	2.3	3.2	5.7	6.1	6.2	6.3	6.3	17.69	28.63	34.14	34.62	34.83	34.88	34.96
9	00	0	5.0	0.2	22	36	15	2.9	2.5	5.2	5.9	6.2	6.3	6.3	18.29	20.46	32.73	34.26	34.63	34.91	34.95
10	18	3	3.8	36	13	32	8	3.1	1.5	5.3	6.2	6.3	6.3	6.3	18.41	23.88	33.67	34.75	34.81	34.89	34.98
11	23	3	4.8	32	17	32	6	3.6	11.8	4.8	6.2	6.3	6.3	6.3	17.57	24.45	32.87	34.68	34.85	34.97	35.02
12	23	5	5.0	29	29	32	15	3.3	3.3	4.6	6.4	6.5	6.5	6.5	18.37	18.72	32.25	34.70	34.93	35.01	35.01
13	23	4	5.5	32	27	32	22	3.2	3.4	5.2	6.1	6.2	6.3	6.5	19.52	21.23	33.20	34.50	34.70	34.88	34.99
14	25	4	4.2	05	22	05	11	3.6	3.1	5.6	6.3	6.4	6.5	6.5	18.80	22.33	33.77	34.72	34.88	34.94	35.02
15	25	3	4.2	05	10	14	6	3.8	3.7	4.5	6.4	6.4	6.5	6.5	19.77	19.65	31.90	34.60	34.86	34.99	34.99
16	16	3	5.5	09	23	14	10	4.2	4.2	5.0	5.9	6.2	6.3	6.3	19.28	19.44	32.93	34.22	34.75	34.97	34.94
17	14	5	9.0	14	11	00	0	4.6	4.6	5.3	6.1	6.2	6.3	6.3	19.39	19.37	33.00	34.54	34.64	34.91	35.00
18	16	4	9.2	23	27	18	12	5.1	5.1	5.0	6.0	6.3	6.4	6.4	19.49	19.50	21.48	34.44	34.70	34.80	34.80
19	14	2	9.2	18	28	18	7	5.6	5.6	4.6	5.9	6.2	6.3	6.3	18.59	18.59	20.06	33.99	34.45	34.69	34.82
20	00	0	10.5	18	23	8	6.1	5.4	4.5	6.0	6.2	6.3	6.3	18.14	19.07	23.12	34.12	34.51	34.79	34.83	
21	18	1	8.0	14	30	16	11	6.9	5.6	5.0	5.9	6.1	6.3	6.3	17.94	18.70	30.91	33.79	34.19	34.70	34.86
22	00	0	8.2	11	36	16	17	6.4	5.7	5.2	6.1	6.2	6.3	6.3	17.75	19.18	31.42	34.14	34.54	34.63	34.77
23	00	0	7.5	09	13	00	0	7.2	6.0	5.2	6.0	6.2	6.3	6.3	18.05	18.91	30.33	33.92	34.54	34.68	34.70
24	16	3	9.2	00	0	18	7	7.0	6.6	4.7	6.0	6.3	6.3	6.3	18.37	18.62	23.10	33.80	34.47	34.73	34.87
25	05	3	5.0	05	7	14	8	6.8	6.4	5.2	6.2	6.3	6.4	6.3	18.41	18.66	31.36	34.24	34.60	34.77	34.80
26	23	4	8.0	05	23	36	7	6.7	6.7	5.3	6.1	6.2	6.3	6.4	17.46	17.47	20.29	33.79	34.37	34.73	34.80
27	25	4	9.5	18	7	25	32	7.1	6.9	4.6	6.1	6.2	6.3	6.4	17.44	17.45	28.06	34.06	34.39	34.68	34.77
28	16	4	12.0	16	20	27	6	7.2	7.0	4.4	6.1	6.3	6.4	6.4	17.57	17.54	25.60	34.10	34.56	34.75	34.81
29	20	4	10.0	14	13	36	6	7.5	7.3	7.2	6.1	6.3	6.5	6.5	17.38	17.38	17.70	34.04	34.33	34.83	34.84
30	27	7	10.0	34	13	36	7	7.2	7.1	7.1	6.1	6.3	6.5	6.5	17.21	17.24	17.29	33.91	34.52	34.77	34.89
31																					
M	3	6.3						4.5	4.2	5.0	6.0	6.2	6.3	6.3							

# FLÄDEN

57° 13' N

Observatör: G. BULL, R. VWELENDER, J. AHLSTRÖM, A. KNAFVE

11° 51' E  
1964

Maj

# FLÄDEN

Maj

E D	Vind Riktn. Svarta	Luft- temp., Riktn. cm sek.	Ström från 0 m Riktn. cm sek.	Vattnets temperatur i °C						Vattnets salthalt i ‰										
				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	27	5	9.0	34	28	0.0	0	7.5	7.4	7.4	6.2	6.3	6.5	6.4	19.38	19.36	19.38	34.10	34.60	34.81
2	23	3	8.5	32	36	32	8	7.7	7.6	7.1	6.1	6.2	6.4	6.4	19.20	19.73	21.30	34.04	34.41	34.64
3	27	1	9.5	0.0	0	0	0	8.2	7.8	6.0	6.2	6.2	6.3	6.3	19.03	19.51	32.78	34.31	34.59	34.65
4	0.0	0	9.0	20	8	23	6	8.2	8.1	7.6	6.2	6.3	6.4	6.4	18.98	19.15	19.92	34.09	34.47	34.57
5	27	2	10.0	27	7	27	4	8.2	8.2	7.3	6.1	6.0	6.0	6.0	18.83	18.86	23.58	33.37	33.62	34.06
6	27	5	9.5	0.0	0	32	6	8.4	8.4	6.7	6.0	6.0	6.1	6.1	19.86	19.88	30.18	33.39	33.65	33.99
7	25	3	9.0	34	30	36	23	8.8	8.6	7.0	6.2	6.0	6.0	6.1	19.58	20.06	29.06	33.57	33.81	34.12
8	18	6	11.0	20	33	25	10	9.0	8.9	7.9	6.3	5.9	6.2	6.3	19.22	19.32	24.28	32.43	33.87	34.44
9	23	5	11.2	23	8	29	23	9.3	9.2	8.6	6.2	6.1	6.1	6.2	20.01	20.03	21.29	32.80	33.34	34.25
10	18	2	12.2	18	17	25	10	9.4	9.3	8.2	6.2	6.1	6.2	6.3	19.00	19.90	23.87	33.11	33.71	34.46
11	27	4	11.5	32	32	17	9.3	9.1	9.1	6.2	6.1	6.1	6.1	6.1	19.43	19.43	20.39	32.91	33.59	34.22
12	23	4	11.2	23	10	36	13	9.7	9.7	9.7	6.3	6.2	6.1	6.1	19.02	19.05	19.14	32.56	33.44	34.61
13	14	5	13.2	07	40	27	23	10.0	9.8	9.8	6.2	6.1	6.1	6.2	20.83	21.01	24.95	33.34	33.87	34.05
14	27	4	10.0	09	23	07	10	9.9	10.0	9.1	6.4	5.9	6.0	6.1	18.86	19.54	23.16	32.36	33.95	34.18
15	32	7	10.5	36	53	36	23	9.8	9.8	8.7	6.2	6.1	6.1	6.1	20.01	20.05	24.13	33.19	33.82	34.22
16	32	6	13.0	34	69	32	47	9.5	9.4	6.1	6.0	6.1	6.2	6.3	22.43	23.52	34.17	34.33	34.10	34.45
17	27	5	11.0	27	37	23	23	9.6	9.6	6.3	6.2	6.1	6.2	6.1	19.56	24.41	31.54	33.53	34.04	34.54
18	02	2	8.8	23	47	27	11	10.0	9.6	6.8	6.2	6.1	6.1	6.1	23.72	23.88	31.91	33.47	33.73	34.56
19	16	4	12.0	16	47	14	40	10.1	9.8	8.2	6.3	6.0	6.1	6.4	21.49	23.40	28.09	33.10	33.73	34.06
20	11	3	11.0	23	20	29	10	10.3	9.9	7.8	6.2	6.2	6.2	6.3	22.31	25.39	30.23	33.39	33.48	34.37
21	02	1	13.0	18	53	16	33	10.9	10.8	10.2	7.4	6.5	6.1	6.3	20.05	24.92	26.57	31.77	33.01	34.43
22	32	1	10.5	16	37	14	17	11.1	10.8	8.6	7.4	7.1	6.3	6.2	18.80	21.01	27.96	31.51	32.19	34.28
23	00	0	13.0	07	13	00	0	11.5	11.0	9.9	8.0	6.8	6.2	6.3	18.80	19.41	22.41	29.38	32.69	33.54
24	14	1	15.0	09	44	11	30	13.0	11.4	9.5	7.7	6.4	6.1	6.3	19.22	22.23	25.21	30.50	33.15	33.77
25	14	2	15.0	14	33	14	7	13.1	11.0	9.9	6.8	6.4	6.2	6.2	20.35	22.60	26.42	32.56	33.24	34.27
26	14	4	16.2	14	30	16	20	13.2	11.5	9.3	6.7	6.1	6.1	6.1	19.66	23.20	26.51	31.94	33.37	34.32
27	16	1	17.4	20	23	25	12	13.8	11.9	10.1	7.3	6.4	6.0	6.2	18.29	18.99	22.01	30.24	33.40	34.58
28	00	0	16.9	36	13	00	0	14.4	13.3	10.8	7.7	6.7	6.2	6.3	19.01	19.38	21.50	30.78	32.82	33.69
29	11	2	17.0	23	12	20	14	14.3	12.9	10.2	7.7	6.7	6.2	6.2	18.65	19.83	23.39	31.58	32.80	33.88
30	32	4	17.1	36	24	29	8	14.2	12.3	10.6	7.3	6.6	6.2	6.3	19.29	19.39	27.74	32.19	33.18	34.22
31	32	5	15.8	02	31	14	22	14.2	13.0	9.0	7.3	6.5	6.3	6.3	19.89	21.30	25.39	32.64	33.50	34.43
M		3	12.2					10.5	10.0	8.5	6.6	6.3	6.2	6.3						

# FLADEN

Juni

FLADEN  
57° 13' N 11° 51' E

Observatör: G. BULL, J. AHLSTRÖM

1964

Juni

57° 13' N

1964

E D	Vind Riktn. Syrka	Luft- temp. Riktn.	Ström från 0 m cm/sek.	Värmets temperatur i °C								Värmets salthalt i ‰											
				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	32	5	13.6	36	22	36	15	14.0	13.9	9.3	6.9	6.3	6.3	6.3	6.3	20.06	20.09	27.35	32.52	33.59	34.05	34.27	
2	07	3	11.2	14	32	11	15	13.7	13.4	8.2	6.7	6.4	6.3	6.3	6.3	19.98	20.01	31.20	32.99	33.54	34.07	34.14	
3	16	4	13.8	18	18	13	12.3	12.2	10.2	6.7	6.4	6.3	6.3	6.3	6.3	20.39	20.46	24.28	32.87	33.31	34.08	34.22	
4	20	3	13.0	18	23	16	12	12.7	12.8	10.3	6.7	6.5	6.4	6.3	6.3	20.68	20.85	32.95	33.32	33.79	34.14	34.14	
5	18	3	16.0	16	26	18	16	13.0	13.1	8.5	7.0	6.5	6.2	6.3	6.3	18.96	19.63	30.18	32.64	33.36	34.10	34.16	
6	25	5	16.8	05	27	34	23	13.4	13.5	9.6	7.3	6.6	6.4	6.4	6.4	19.47	19.81	27.29	32.23	33.09	33.74	33.89	
7	14	3	16.2	16	22	14	10	14.0	13.3	12.7	7.5	6.5	6.2	6.3	6.3	20.59	21.37	22.15	32.65	33.55	33.86	34.05	
8	20	3	17.8	18	18	25	15	14.3	14.0	13.3	8.6	7.4	6.4	6.3	6.3	19.88	19.88	19.91	31.80	32.84	33.83	33.95	
9	27	6	14.1	20	15	23	27	14.2	14.1	14.1	7.8	6.5	6.3	6.4	6.4	18.97	18.97	18.98	32.32	33.49	33.99	34.17	
10	29	4	14.8	32	22	11	16	14.2	14.0	10.8	7.5	6.7	6.4	6.4	6.4	19.02	19.02	28.75	32.73	33.11	33.87	34.25	
11	00	0	16.2	02	25	25	22	14.3	13.9	11.6	7.3	6.8	6.4	6.4	6.4	19.38	20.94	22.00	32.92	33.47	34.02	34.11	
12	27	4	14.8	11	14	00	0	14.5	14.5	14.5	14.2	7.8	7.0	6.4	6.4	18.87	18.86	19.71	31.88	33.12	33.24	34.18	
13	11	2	18.0	23	10	00	0	15.2	15.0	14.3	7.7	6.7	6.3	6.2	6.2	19.00	19.37	19.77	32.66	33.25	33.90	34.24	
14	11	5	20.0	14	13	20	15	15.0	14.9	14.1	7.9	7.1	6.3	6.3	6.3	18.92	18.94	19.85	31.89	32.78	33.97	34.27	
15	23	4	17.0	25	23	20	16	15.6	15.5	14.6	8.7	7.3	6.6	6.4	6.4	19.69	19.71	20.97	30.99	33.21	33.75	33.96	
16	25	7	16.8	23	15	23	22	15.0	15.0	15.0	7.8	7.2	6.7	6.4	6.4	19.38	20.94	22.00	32.92	33.47	34.02	34.11	
17	25	6	14.2	29	31	32	23	15.0	14.9	14.8	7.7	7.4	7.0	6.7	6.7	21.17	21.17	21.47	32.58	33.27	33.75	34.05	
18	25	3	16.5	29	21	00	0	14.6	14.6	14.5	8.6	7.7	6.9	6.9	6.9	22.56	22.55	22.63	32.65	33.53	33.67	33.89	
19	07	2	14.4	18	23	30	30	14.6	14.6	14.4	8.8	7.8	7.0	7.0	7.0	20.99	22.15	23.72	23.77	31.72	33.52	33.56	
20	25	4	14.9	00	25	20	14.7	14.7	14.6	10.1	8.4	8.2	7.6	7.6	22.69	22.62	22.63	28.17	33.01	33.72	33.84		
21	25	3	14.6	14	27	18	23	15.2	15.3	14.6	11.1	9.0	7.8	7.5	7.5	20.16	20.60	23.10	28.67	32.56	33.56	34.17	
22	34	1	15.0	11	8	00	0	15.9	15.4	14.5	10.8	9.5	8.8	7.6	7.6	19.13	20.91	22.75	31.62	33.42	33.69	33.93	
23	11	2	13.5	16	22	20	15	15.6	15.4	15.0	10.9	9.0	7.7	7.3	7.3	19.83	21.31	22.24	29.89	32.76	33.70	34.18	
24	25	7	13.8	34	43	36	20	15.0	14.9	10.6	10.1	9.3	7.0	7.0	7.0	21.67	21.62	21.62	31.74	33.17	33.75	34.20	
25	27	4	15.0	32	31	34	12	14.9	14.8	14.8	10.7	9.3	8.7	6.9	6.9	21.89	21.88	21.93	32.79	33.30	33.84	34.21	
26	27	3	15.8	16	22	00	0	15.0	14.6	11.6	10.3	8.9	7.3	7.3	7.3	21.30	21.31	21.78	32.36	33.39	33.71	33.70	
27	25	2	20.0	29	18	29	12	15.5	15.6	13.8	12.7	10.6	9.3	7.8	7.8	21.50	21.96	25.57	31.31	33.22	33.51	34.03	
28	27	5	17.8	16	26	23	15.7	15.6	13.3	10.8	10.5	9.4	7.5	7.5	7.5	21.98	22.10	26.37	32.96	33.41	33.79	34.01	
29	27	7	14.3	32	36	27	18	15.0	15.0	11.7	10.8	10.1	9.6	8.0	8.0	22.18	22.19	30.90	33.11	33.53	33.74	33.99	
30	32	6	16.2	34	32	77	14.6	14.0	13.6	11.3	10.2	9.3	6.9	6.9	6.9	23.80	28.89	29.77	33.37	33.53	33.80	34.17	
31																							
M	4	15,5						14.6	14.4	13.0	8.9	7.9	7.3	6.8	6.8		20.50	20.98	23.87	31.78	33.20	33.79	34.07

## FLADEN

57° 13' N

Observatör: G. BULL, R. WELANDER, A. PETTERSSON, A. KNAFVE

1964

11° 51' E

Juli

E d d	Vind	Luft- temp., Riktn. Stryka	Ström från 0 m Riktn. cm sek.	Vatten temperatur i °C								Vatten saltinhalt i ‰									
				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	3	13.0	29	35	32	16	15.0	14.6	12.9	11.2	10.3	8.0	6.7	23.89	21.99	31.81	33.55	33.78	34.19	
2	25	4	15.1	32	15	34	10	14.8	14.7	12.3	11.0	10.1	8.2	6.9	23.34	31.33	33.14	33.32	33.67	33.91	
3	27	6	15.0	29	21	32	14	14.3	14.2	12.3	11.8	10.7	9.3	8.0	25.20	27.64	32.65	33.04	33.33	33.67	
4	27	4	15.5	16	17	27	13	14.2	14.1	13.0	12.4	11.4	9.9	7.6	24.23	28.91	32.05	32.73	33.13	33.74	
5	20	4	13.8	18	20	00	0	14.8	14.7	13.3	12.2	11.3	10.3	8.8	23.35	25.19	31.86	32.95	33.23	33.51	
6	29	2	13.0	18	25	18	22	14.1	14.1	13.6	13.1	12.9	10.3	9.2	24.16	28.60	30.71	32.64	32.83	33.44	
7	25	6	14.0	20	42	23	32	14.3	14.2	13.5	12.9	11.7	10.4	8.6	24.24	26.99	31.52	32.65	33.11	33.68	
8	18	7	15.0	20	12	00	0	14.4	14.5	13.8	13.4	12.0	10.6	8.5	24.49	25.26	28.99	30.91	32.37	33.70	
9	20	6	15.8	14	71	29	43	14.5	14.4	13.9	13.1	12.2	10.9	8.9	23.80	24.54	28.35	31.70	32.67	33.64	
10	23	7	13.5																33.32	33.58	
11	25	5	14.2	27	13	23	27	14.2	13.9	13.7	13.5	12.6	10.2	8.7	26.36	29.26	30.84	31.35	31.83	33.37	
12	25	4	15.3	32	38	27	14	14.1	13.9	13.8	13.8	13.6	12.3	9.6	25.87	30.02	30.11	30.22	30.29	33.50	
13	34	2	17.0	36	21	00	0	14.4	14.1	14.0	14.0	13.8	10.0	9.5	25.02	28.76	29.42	29.48	29.99	33.34	
14	00	0	18.0	23	15	23	23	15.1	14.7	14.2	14.1	14.0	10.3	9.0	22.83	23.22	27.33	28.53	29.46	33.00	
15	16	2	17.8	14	48	14	38	15.9	14.6	14.4	13.8	13.0	10.8	9.3	22.55	23.46	25.88	29.84	31.55	33.48	
16	18	1	18.4	18	37	14	32	16.4	15.8	13.8	13.4	12.3	10.3	9.7	22.04	24.34	29.29	31.11	32.22	33.38	
17	23	3	18.5	18	71	16	25	16.5	16.0	15.6	15.3	13.0	10.6	9.8	21.58	21.92	25.41	30.88	31.81	32.84	
18	23	1	16.5	14	42	18	13	16.4	14.9	14.1	13.8	13.1	11.6	9.7	21.18	22.73	28.34	31.19	31.63	32.70	
19	11	2	17.5	14	38	18	23	16.1	14.8	14.0	13.6	13.3	11.6	9.4	21.61	22.65	27.83	30.35	31.61	32.48	
20	23	4	17.0	11	32	16	10	16.8	16.3	14.6	13.7	13.6	11.2	9.2	23.01	26.42	28.26	30.25	31.17	32.87	
21	25	5	15.5	05	13	09	5	16.0	16.1	15.2	13.7	13.6	11.8	10.4	22.64	25.12	28.19	30.35	31.44	32.64	
22	09	2	16.5	11	33	14	17	15.6	16.1	15.4	13.8	13.4	11.6	9.6	22.74	23.30	28.66	30.72	31.43	32.76	
23	07	2	17.5	09	40	00	0	15.8	15.8	14.8	13.9	13.1	11.2	9.4	22.52	26.08	28.14	30.78	31.65	32.84	
24	11	3	16.0	11	10	27	10	15.9	15.6	14.4	14.0	13.0	10.9	10.1	23.20	26.97	28.62	30.05	31.81	33.17	
25	23	3	15.5	14	23	05	13	15.9	16.1	15.4	13.2	12.8	10.7	9.5	22.09	22.11	28.40	31.86	32.23	33.42	
26	32	3	16.0	05	23	36	40	16.7	15.6	14.8	14.1	13.1	11.3	9.2	19.58	26.28	28.17	31.33	32.18	33.54	
27	16	1	18.0	14	13	09	5	16.6	16.1	15.6	15.8	14.6	13.2	11.1	9.4	21.75	22.24	27.13	30.91	32.00	33.40
28	20	4	19.0	00	0	27	10	16.6	16.5	15.9	14.8	14.1	10.8	9.2	21.54	24.23	28.01	30.52	31.37	33.44	
29	27	7	15.5	36	53	32	10	15.9	16.6	16.4	14.8	13.6	11.6	11.8	21.79	21.86	23.92	30.33	32.12	33.10	
30	29	5	18.0	32	20	32	40	15.5	15.8	14.5	13.7	12.8	11.1	8.7	22.77	22.86	30.16	31.17	32.35	33.07	
31	20	5	17.0	00	0	27	23	15.9	15.6	14.7	13.2	12.6	8.9		25.68	25.66	28.95	30.72	32.74	33.12	
M	4	16.1						15.4	15.2	14.3	13.5	12.7	10.7	9.1	23.27	25.54	29.07	31.16	32.03	33.53	

# FLADEN

Augusti

1964

11° 51' E

Observatör: R. WELANDER, J. AHLSTRÖM

57° 13' N

Augusti

# FLADEN

1964

Observatör: R. WELANDER, J. AHLSTRÖM

57° 13' N

Augusti

E n g d a g	Vind Rkt. Rkt.	Luft- temp. Stryka	Ström från 0 m Rkt. cm/sek.	Vattenets temperatur i °C								Vattenets salthalt i ‰								Vattenets salthalt i ‰										
				0 m				5 m				10 m				15 m				20 m				30 m						
				0	5	10	15	0	5	10	15	0	5	10	15	0	5	10	15	0	5	10	15	0	5	10	15			
1	27	6	15,0	27	33	32	40	14,6	15,2	15,1	14,1	11,7	10,2	m	29,59	29,58	29,62	29,73	32,44	33,38	33,47	m	23,49	28,21	31,45	32,19	32,48	33,34	33,45	
2	02	2	15,0	11	27	33	32	40	15,2	15,1	14,6	14,4	13,7	11,4	10,4	24,02	29,33	31,95	32,24	32,45	33,09	33,38	25,06	28,60	31,56	31,80	32,64	33,09	33,38	
3	27	3	17,0	00	0	25	27	15,6	15,0	14,6	14,6	14,1	11,6	10,8	26,08	26,43	31,05	31,56	31,82	32,45	33,11	33,33	33,33	25,56	28,60	31,56	31,82	32,45	33,11	33,33
4	29	6	18,0	00	0	14	17	15,6	15,6	14,7	14,5	14,2	12,8	11,7	20,20	22,86	27,92	28,70	29,84	32,37	33,02	33,02	25,59	28,62	30,15	30,94	31,50	32,92	33,34	
5	36	2	16,5	14	8	00	0	15,8	15,8	15,5	14,5	14,2	12,6	10,0	19,03	21,01	22,27	27,57	28,57	29,45	31,57	33,03	33,03	14,5	11,4	18,34	18,39	24,25	28,57	29,45
6	27	1	16,0	00	0	14	23	15,6	15,6	14,5	14,6	13,0	9,8	m	23,80	26,60	30,25	30,87	31,90	32,49	33,10	25,46	26,36	28,23	31,73	31,96	32,69	33,18		
7	11	2	17,5	11	00	0	16,2	15,9	15,1	14,8	14,4	13,7	11,1	m	20,14	21,14	22,60	27,19	31,09	32,96	33,24	19,03	21,01	22,27	28,53	30,80	32,87	33,29		
8	11	3	18,0	29	17	36	23	16,4	16,3	15,8	14,4	14,2	12,9	10,6	20,20	22,86	27,92	28,70	29,84	32,37	33,02	33,02	16,9	15,2	14,1	11,6	14,5	11,4	11,4	
9	00	0	16,5	20	11	27	5	16,9	16,3	16,2	15,8	15,2	13,8	11,6	20,20	22,86	27,92	28,70	29,84	32,37	33,02	33,02	17,2	16,0	15,9	14,5	14,5	11,4	11,4	
10	09	3	17,0	18	25	00	0	17,2	17,2	17,0	16,0	15,9	14,5	14,5	18,34	18,39	24,25	28,57	29,45	31,57	33,03	33,03	14,5	11,4	18,34	18,39	24,25	28,57	29,45	
11	07	1	18,5	09	20	09	11	17,4	17,0	16,0	16,0	14,9	13,4	11,0	19,02	20,57	23,08	27,95	30,30	32,56	33,10	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
12	05	4	16,5	11	40	14	14	17,3	17,3	15,5	15,4	15,1	12,6	9,7	21,27	21,57	24,65	28,09	31,01	32,81	33,34	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
13	07	4	15,5	14	16	10	10	17,2	17,1	15,9	15,6	14,0	11,3	10,0	20,14	20,14	21,14	27,19	31,09	32,96	33,24	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
14	16	2	17,0	18	20	18	10	16,8	17,3	16,3	15,5	14,7	13,7	9,7	19,03	21,01	22,27	27,53	30,80	32,87	33,29	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
15	27	4	15,0	11	11	00	0	17,2	17,3	16,2	15,5	14,6	12,1	10,2	19,37	20,07	23,22	28,27	31,08	32,87	33,22	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
16	25	5	14,0	00	0	0	5	16,7	16,7	15,5	14,4	11,9	10,7	10,7	21,13	21,11	22,35	27,66	31,64	32,98	33,21	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
17	25	3	15,5	14	20	16	16	16,3	16,4	16,0	15,1	14,4	11,5	10,2	21,31	21,30	25,28	29,76	31,52	33,03	33,21	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
18	14	6	16,0	11	42	09	49	16,3	16,3	15,5	12,8	11,8	10,8	10,7	21,06	21,15	27,94	32,90	32,99	33,12	33,11	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
19	14	2	17,5	16	23	14	11	16,2	16,2	16,1	15,3	13,3	11,6	10,7	21,53	22,21	24,71	28,37	32,16	33,02	33,17	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
20	29	4	16,0	16	14	00	0	16,5	16,6	16,3	15,4	14,2	11,5	10,3	19,36	20,48	21,96	28,35	32,17	32,99	33,30	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
21	32	4	15,5	11	23	00	0	16,2	16,2	15,2	14,1	13,0	10,8	9,9	21,86	21,88	29,39	31,22	32,46	33,23	33,35	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
22	29	4	15,0	34	63	32	42	15,6	15,6	15,7	14,9	14,2	11,8	10,4	22,58	25,03	26,89	32,12	32,36	33,12	33,31	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
23	25	5	16,0	29	37	32	23	15,7	15,7	15,9	15,5	14,8	13,9	11,0	22,20	22,18	25,19	30,57	32,16	33,12	33,31	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
24	20	5	16,5	34	49	32	29	15,6	15,6	15,5	14,7	13,4	12,8	12,8	24,31	24,32	24,40	28,45	31,84	33,08	33,40	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
25	27	5	16,5	34	40	34	44	15,3	15,4	15,4	14,5	14,5	13,7	13,7	24,11	24,10	24,12	26,15	31,11	32,60	33,07	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
26	20	3	17,0	18	7	23	8	15,3	15,3	15,3	14,3	14,3	12,6	10,6	24,16	24,12	24,12	24,21	31,10	33,07	33,34	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
27	23	2	19,5	25	19	23	14	15,6	15,5	15,5	14,5	14,5	13,1	11,5	23,89	23,89	23,99	24,30	30,85	32,89	33,21	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
28	29	2	17,0	27	11	29	6	15,6	15,6	15,3	14,5	14,5	13,1	11,4	23,51	23,53	25,01	27,50	32,01	33,02	33,40	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
29	14	3	15,0	00	0	00	0	15,5	15,9	15,6	14,4	12,8	11,3	m	23,20	23,73	24,55	27,07	32,45	33,26	33,40	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
30	29	8	14,2	14	36	11	34	17	14,7	14,8	14,9	14,2	11,9	10,3	m	22,67	23,77	26,29	29,27	31,62	32,92	33,26	17,0	16,0	15,5	14,0	13,4	11,0	11,0	
31	34	4	19,0	36	11	34	17	14,7	14,8	14,9	14,2	11,9	10,3	m	22,67	23,77	26,29	29,27	31,62	32,92	33,26	17,0	16,0	15,5	14,0	13,4	11,0	11,0		
M	3	16,4						16,1	16,1	15,6	15,0	14,3	12,5	10,8																

## FLADEN

57° 13' N

Observatör: R. WELANDER, J. AHLSTRÖM

1964

September

11° 51' E

E n d a g	Vind	Luft temp. Rikn. Systo	Ström från 0 m Rikn. cm sek.	Vatten temperatur i °C						Vatten salthalt i ‰											
				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	11	2	14.0	27	13	25	20	14.4	14.9	14.9	12.3	25.79	26.34	28.22	32.69	32.88	33.19	33.40			
2	25	3	14.0	20	49	23	51	14.4	14.8	14.7	13.2	12.3	11.4	23.83	24.07	25.48	28.61	30.95	32.60	33.18	
3	25	1	14.8	11	10	0	0	14.9	15.1	15.0	14.5	14.2	13.8	23.88	24.63	26.25	29.48	31.26	33.06	33.20	
4	11	3	16.5	09	33	09	6	14.9	15.1	15.0	14.5	14.1	13.2	12.6	23.72	24.63	26.44	27.45	29.60	32.87	33.26
5	14	3	16.7	00	0	0	0	15.3	15.3	15.0	14.9	14.6	13.7	12.6	22.24	23.30	26.44	27.45	29.60	32.87	33.26
6	11	3	16.0	16	7	0	0	15.6	15.7	14.9	14.9	14.9	13.6	13.2	22.20	22.23	24.14	26.70	28.95	32.84	33.31
7	23	2	17.0	25	19	25	10	15.6	15.5	15.3	15.0	14.8	13.5	12.8	20.76	21.76	22.42	25.13	28.73	33.12	33.36
8	23	5	15.0	23	13	36	23	15.3	15.6	15.6	15.2	14.4	13.4	12.7	20.72	20.68	22.50	24.78	31.03	33.13	33.37
9	32	4	15.0	34	10	36	13	14.8	15.1	15.1	14.7	13.6	13.1	12.0	23.13	23.51	25.84	29.41	32.75	33.11	33.43
10	29	1	11.5																		
11	29	2	11.8	32	20	36	23	14.4	14.7	14.8	14.6	14.1	13.2	12.2	23.52	26.02	27.95	29.48	32.60	33.36	33.46
12	25	5	13.1	36	35	36	25	14.3	14.3	14.6	14.7	14.5	13.0	12.1	24.08	24.19	28.17	28.98	32.66	33.20	33.39
13	32	5	11.4	20	32	43	43	13.8	14.0	14.5	14.2	13.6	12.6	12.0	25.09	25.50	30.18	31.52	32.81	33.32	33.30
14	23	6	13.0	20	24	32	16	13.6	13.9	14.3	14.3	13.8	13.4	12.5	25.59	25.59	27.00	30.86	31.86	33.00	
15	23	5	15.1	20	20	23	27	14.2	14.0	14.1	14.3	14.1	13.5	13.0	25.25	25.50	26.31	30.22	31.04	32.64	32.97
16	23	4	14.0	18	32	23	18	14.1	14.1	14.1	14.0	14.0	13.2	13.0	23.54	23.52	25.05	28.47	31.55	32.84	33.30
17	23	8	13.4																		
18	25	6	12.0	23	37	20	25	13.6	13.8	13.8	13.9	13.0	12.8	12.8	24.17	24.23	29.50	31.44	32.88	33.18	32.83
19	27	1	12.0	23	27	32	38	13.4	13.7	13.7	13.7	13.9	13.0	12.4	23.70	27.93	31.27	31.64	32.98		
20	27	5	11.0	25	20	29	12	13.2	13.6	13.7	13.7	13.7	13.1	12.2	29.66	29.69	29.91	30.37	30.56	32.30	33.42
21	25	5	8.5	29	24	00	0	12.4	13.1	13.3	13.6	13.4	13.0	12.6	28.05	29.37	30.00	31.56	32.51	33.01	33.26
22	05	2	9.0	14	10	14	14	12.0	13.6	13.7	13.4	13.3	13.0	12.7	24.77	31.01	32.47	32.69	32.74	33.13	33.30
23	23	5	12.5	29	12	27	9	13.0	13.4	13.5	13.5	13.6	13.2	12.6	28.47	28.49	28.98	30.68	31.13	32.73	33.29
24	23	3	13.0	25	19	25	11	13.0	13.2	13.2	13.3	13.5	13.2	12.7	27.93	29.03	29.21	29.39	32.01	32.66	32.98
25	18	4	14.0	23	25	23	16	13.0	13.1	13.2	13.2	13.5	13.5	13.0	25.56	25.57	26.54	28.41	30.76	32.47	33.09
26	00	0	15.8	25	12	00	0	13.4	13.4	13.3	13.5	13.6	13.5	13.1	24.34	24.64	24.87	28.47	30.76	32.40	32.78
27	20	2	14.8	18	8	00	0	13.4	13.5	13.4	13.4	13.5	13.4	13.0	23.62	23.63	24.65	27.27	29.24	32.65	33.00
28	29	6	14.0	32	16	27	23	12.9	13.3	13.3	13.5	13.6	13.3	13.1	24.34	24.33	24.40	29.16	31.38	32.73	32.93
29	23	7	14.6	25	26	34	19	13.2	13.3	13.4	13.5	13.5	13.3	13.0	24.25	24.25	24.26	29.64	31.29	32.84	33.13
30	36	4	13.0	14	16	18	15	12.8	13.0	13.4	13.4	13.4	13.3	13.1	26.69	26.81	31.65	32.64	32.88	33.06	
31																					
M	4	13.6						13.9	14.1	14.2	14.0	13.8	13.2	12.6	24.60	25.30	27.05	29.39	31.42	32.90	33.20

# FLÄDEN

Oktober

# FLÄDEN

Observatör: G. BULL, J. AHLSTRÖM

57° 13' N

Oktober

11° 51' E

1964

## FLADEN

57° 13' N

November

11° 51' E

Observatör: G. BULL, R. WELANDER, J. AHLSTRÖM

1964

E Q	Wind Riktn. Stryka	Luft- temp. Riktn. cm/sec.	Ström från 0 m Riktn. cm/sec.	Vattnets temperatur i °C						Vattnets salthalt i ‰											
				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	20	3	8.2	16	18	9	8.4	8.8	10.4	11.6	11.9	11.8	11.7	11.7	20.19	20.19	22.57	27.53	32.56	33.71	33.76
2	29	1	9.5	00	0	0	8.7	8.9	10.6	11.6	12.0	11.8	11.7	11.7	19.79	20.08	22.67	28.70	33.22	33.66	33.84
3	02	1	5.5	00	0	0	8.5	8.8	10.5	12.2	12.1	11.8	11.7	11.7	19.50	20.21	22.61	32.21	33.02	33.45	33.67
4	27	2	7.0	34	20	36	11	7.7	8.6	10.2	12.1	12.1	11.8	11.7	19.21	20.47	24.16	31.36	33.01	33.78	33.91
5	36	3	7.0	02	17	02	13	7.2	8.7	11.7	12.3	12.2	11.8	11.7	18.31	20.90	29.31	32.26	33.68	33.68	33.78
6	27	4	8.0	34	20	00	0	7.8	10.1	12.2	12.2	11.8	11.7	11.7	20.76	20.53	23.91	31.03	33.20	33.67	33.77
7	36	2	4.0	32	25	34	37	7.0	7.9	11.7	12.1	12.0	11.8	11.7	20.37	20.72	29.51	32.73	33.21	33.66	33.85
8	32	5	8.5	34	25	00	0	8.2	8.3	11.5	12.1	12.0	11.9	11.6	21.97	21.96	28.73	32.05	33.06	33.67	34.02
9	25	4	8.5	32	11	36	10	8.1	8.2	11.1	12.2	12.1	11.8	11.6	21.87	21.90	27.44	32.28	33.12	33.72	34.01
10	25	3	7.0	23	10	05	06	7.4	8.0	10.3	12.1	12.0	11.8	11.7	21.86	21.85	25.57	32.92	33.49	33.75	33.86
11	25	2	6.8	36	10	00	0	7.7	7.8	9.2	12.0	11.9	11.7	11.6	22.80	22.84	24.10	32.77	33.29	33.71	33.94
12	20	3	6.0	25	13	25	8	7.5	7.6	8.9	11.4	11.8	11.4	11.3	21.13	21.57	23.68	32.24	33.66	34.03	34.17
13	27	5	8.5	00	0	32	33	7.6	7.7	10.1	11.3	11.4	11.4	11.2	21.27	21.34	33.45	33.51	33.66	34.01	34.36
14	23	6	9.0	25	43	21	39	7.9	7.8	8.0	9.4	10.1	11.4	11.2	22.71	22.74	23.56	28.80	33.26	34.06	34.29
15	23	6	9.0	27	20	18	10	8.0	8.1	10.8	11.2	11.3	11.3	11.3	24.41	24.58	32.23	33.14	33.61	34.13	34.13
16	25	6	8.3	32	22	00	0	7.7	8.5	8.8	10.7	11.2	11.2	11.2	26.31	26.40	27.37	32.33	33.78	34.03	34.37
17	32	5	8.0	00	0	05	6	8.1	9.2	9.3	9.4	10.1	11.1	11.2	30.20	30.25	30.39	30.43	31.88	33.70	34.27
18	34	7	5.0	25	23	20	18	8.0	8.3	8.5	9.8	10.8	11.2	11.2	28.25	28.65	28.86	31.43	33.31	34.09	34.19
19	25	2	7.5	25	23	20	18	8.0	8.3	8.5	9.8	10.8	11.2	11.2	29.21	30.83	32.24	32.55	33.58	34.17	34.17
20	02	2	7.0	32	6	36	7	7.9	8.1	8.4	9.8	10.1	10.9	11.0	30.26	30.33	31.47	32.10	32.60	33.88	34.27
21	29	5	10.0	32	6	34	8	8.3	8.4	9.2	9.9	10.2	11.0	11.1	29.49	30.41	31.61	32.26	32.96	33.51	33.89
22	14	2	4.0	18	20	25	27	8.4	9.3	9.6	10.3	10.7	11.0	11.0	30.58	30.65	30.67	31.55	32.53	33.51	33.51
23	27	4	10.2	32	20	32	36	8.1	8.0	8.0	8.1	8.7	10.0	10.7	31.23	31.27	31.26	32.33	32.68	33.25	33.51
24	27	7	10.0	29	37	27	22	8.2	8.2	8.6	9.5	9.7	10.3	10.6							
25	29	7	9.5	00	0	0	0	0	0	0	0	0	0	0	31.46	31.46	31.46	31.49	31.86	33.51	33.51
26	32	7	8.8	00	0	0	0	0	0	0	0	0	0	0	32.12	31.88	32.03	32.23	32.34	32.69	32.78
27	25	6	10.0	23	17	27	29	8.4	8.6	8.6	8.7	10.7	11.8	11.7	31.72	31.72	31.76	31.87	31.90	32.02	32.64
28	23	3	6.5	23	7	20	22	8.1	8.5	8.6	8.8	9.2	9.6	9.8	31.04	31.06	31.19	31.43	31.45	31.72	32.20
29	27	2	5.0	23	23	00	0	8.2	8.5	8.6	8.7	9.1	9.5	9.4							
30	14	2	3.8	16	15	16	10	7.8	8.1	8.3	8.8	8.8	8.9	9.4							
31																					
M	4	7.5						7.9	8.3	9.6	10.6	11.0	11.1		25.11	25.23	28.24	31.64	32.76	33.45	33.80

# FLÄDEN

December

57° 13' N 11° 51' E

1964

Observatör: G. BULL, R. WELANDER, J. AHLSTRÖM, S. DAHLBOM

# FLÄDEN

December

1964

Observatör: G. BULL, R. WELANDER, J. AHLSTRÖM, S. DAHLBOM

E G D	Wind Riktin. Styrka	Luft- temp. Riktin. cm/sek.	Ström från 0 m Riktin. cm/sek.	Vattenets temperatur i °C						Vattenets saltinhalt i ‰									
				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	09	3	3.0	27	6	27	20	7.4	8.1	8.4	8.5	8.6	9.3	20.62	30.83	31.32	31.47	31.64	32.20
2	09	1	2.2	18	29	14	35	7.0	7.9	8.2	8.4	8.5	9.1	27.33	27.67	29.58	29.88	30.32	30.56
3	23	8	3.8	14	24	16	12	6.4	7.5	7.7	8.0	8.3	8.9	27.24	27.76	29.90	30.30	31.26	31.67
4	11	4	3.0	14	24	16	12	6.0	6.8	7.3	7.8	8.0	8.6	22.56	25.60	29.33	31.08	31.37	31.71
5	36	3	2.0	16	38	14	25	6.0	6.8	7.5	7.8	8.0	8.6	21.40	28.09	30.30	30.65	31.94	32.07
6	02	2	-1.0	16	30	25	15	4.8	6.9	7.5	7.8	8.0	8.6	29.21	29.26	29.34	29.30	29.44	31.69
7	23	6	7.0	25	23	29	22	6.2	6.7	6.9	7.8	8.3	8.6	30.22	30.20	30.22	30.41	31.24	31.59
8	20	7	8.0	23	32	18	37	7.0	7.3	7.5	7.9	8.2	8.5	30.62	30.61	30.87	31.22	31.27	31.39
9	20	8	7.8	32	32	43	43	7.5	7.5	7.7	7.8	7.9	8.3	31.98	31.98	31.98	31.98	31.98	31.98
10	25	4	8.5	32	53	32	43	7.5	7.5	7.7	7.8	7.9	8.3	29.49	30.44	30.77	30.87	31.28	32.79
11	25	2	7.0	23	22	20	13	7.2	7.4	7.5	7.7	8.0	8.5	28.01	28.48	30.78	31.00	31.22	32.46
12	18	5	7.0	29	23	20	6.9	7.1	7.1	7.5	7.9	8.4	26.48	27.06	28.92	29.69	29.86	33.29	
13	18	5	6.8	34	40	36	30	6.8	7.3	7.4	7.5	7.7	8.1	21.08	29.18	29.28	29.81	30.07	31.53
14	29	6	6.2	36	35	34	23	6.3	7.4	7.5	7.8	7.9	8.3	19.13	28.22	29.89	30.24	30.56	32.58
15	23	3	5.2	20	25	18	15	5.8	7.2	7.5	7.7	8.4	8.5	26.49	29.28	29.75	30.17	31.98	33.14
16	25	2	5.8	27	22	20	0	5.6	7.3	7.5	7.6	8.2	8.6	23.93	27.44	28.56	32.12	33.11	33.29
17	09	3	2.5	16	30	16	12	5.3	7.0	7.1	7.3	7.5	8.3	17.64	28.07	28.87	29.22	29.55	32.08
18	05	2	2.5	11	63	16	6	4.2	7.2	7.2	7.5	7.6	8.3	18.60	27.52	28.48	29.34	30.02	32.37
19	05	3	0.5	14	37	18	23	4.3	6.5	7.2	7.6	7.7	8.3	25.77	25.69	26.33	28.84	29.34	32.79
20	27	4	4.2	36	17	18	10	4.2	5.9	6.9	7.6	7.7	8.1	20.56	26.48	27.99	28.71	29.99	32.85
21	07	4	1.5	16	18	00	0	4.1	5.2	6.9	7.5	7.7	8.3	23.79	24.59	28.16	28.98	29.77	30.50
22	27	3	4.0	29	11	00	0	4.7	5.1	6.8	7.7	8.2	8.3	25.74	25.69	25.73	27.84	29.61	31.64
23	27	3	5.5	27	23	37	5.2	5.2	6.7	7.3	7.5	8.1	8.3	24.97	25.04	27.19	28.45	29.25	32.70
24	25	5	5.0	29	23	18	20	5.1	5.3	5.4	7.4	7.5	8.4	25.77	25.69	26.33	28.84	29.34	32.76
25	32	3	3.0	00	0	0	4.2	4.7	6.1	7.5	7.7	8.1	8.3	24.16	24.98	27.09	29.21	31.86	32.78
26	05	2	-1.5	00	0	14	5	2.7	5.1	6.6	7.3	7.8	8.1	21.76	25.99	27.40	29.24	31.61	32.90
27	25	2	1.5	00	0	27	6	3.7	5.2	5.7	7.1	7.8	8.3	24.20	26.24	26.91	28.86	30.74	33.19
28	09	2	-2.0	14	28	14	16	3.9	4.4	4.9	6.8	6.8	8.3	24.33	25.76	26.64	27.46	28.40	32.98
29	14	3	-4.0	11	17	20	10	2.1	5.9	5.9	6.8	7.3	8.2	18.08	21.59	26.56	27.59	28.59	33.25
30	16	2	1.0	32	37	36	22	4.3	5.0	6.3	6.6	6.9	7.2	24.48	26.30	28.60	29.25	29.80	31.57
31	20	6	5.0	32	37	36	22	5.3	6.4	6.9	7.5	7.7	8.5	24.57	27.39	28.72	29.58	30.22	31.86

# VINGA

57° 34' N

Januari

11° 36' E  
Observeratör: B.H. NILSSON, N. PEHRSSON, E. STRÖM

1964

D	E	Vind	Luft- temp. Röhn.	Ström från Röhn. cm/sek.	Vattnets temperatur i °C						Vattnets salthalt i ‰								
					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		
1	23	3	3.7	16	50	16	47	3.1	3.2	4.9	5.5	5.5	6.0	25.07	25.65	29.13	31.22	32.38	
2	16	1	0.7	16	48	00	0	2.2	3.3	4.1	5.4	5.7	6.1	22.25	25.45	27.20	31.50	32.52	
3	23	6	3.2	23	42	27	25	4.3	4.4	4.5	5.2	5.4	6.2	28.25	28.20	28.55	28.45	31.81	
4	23	5	2.1	23	63	25	42	4.0	4.1	4.4	4.5	4.5	5.2	27.70	27.35	28.10	28.30	32.76	
5	18	1	3.6	23	25	23	15	4.0	4.0	4.2	4.3	4.6	5.6	6.0	26.90	27.55	27.70	27.95	33.58
6	09	4	1.9	18	20	00	0	3.5	4.0	4.2	4.6	5.8	6.0	24.50	24.30	26.90	27.85	28.96	
7	16	1	0.8	27	8	32	10	2.9	3.0	3.5	4.2	4.8	5.7	5.8	23.40	23.30	25.25	26.85	31.50
8	36	3	-0.3	25	13	00	0	2.8	3.1	3.3	3.7	4.8	5.6	5.8	23.15	24.35	24.95	25.65	32.60
9	20	3	-0.3	34	9	34	18	2.8	2.8	3.1	3.9	4.8	5.8	5.8	23.45	23.50	24.20	25.20	33.53
10	00	0	1.0	34	17	34	27	2.0	2.2	3.2	3.9	4.9	5.7	5.8	23.05	22.95	24.10	25.90	32.97
11	18	2	0.0	23	17	00	0	2.0	2.5	3.2	3.5	4.6	5.8	5.9	23.05	23.21	24.51	25.27	33.56
12	23	3	-2.2	00	0	00	0	1.9	2.6	3.8	4.9	5.8	6.0	22.10	22.70	23.25	25.70	32.29	
13	09	3	0.0	11	36	09	12	1.6	2.5	3.0	4.0	5.5	5.8	6.0	21.55	22.30	23.60	26.05	31.54
14	34	5	-0.4	05	17	05	30	1.2	1.3	3.1	5.0	5.6	6.4	6.4	20.95	20.85	23.75	29.75	33.45
15	34	4	0.5	25	22	25	24	1.0	3.1	4.2	5.4	5.6	5.8	6.4	21.45	24.85	27.35	31.55	34.05
16	34	3	0.8	18	15	29	12	1.0	1.2	4.2	5.2	5.3	5.4	5.9	22.60	22.60	27.15	31.30	33.70
17	27	4	1.0	29	29	19	19	0.9	1.6	2.4	5.0	5.6	5.9	6.0	21.60	23.30	23.65	29.90	33.49
18	23	3	0.5	34	12	32	14	0.6	1.4	3.6	5.1	5.6	5.6	6.0	21.70	22.35	25.25	29.35	33.40
19	25	4	1.5	29	17	34	15	1.2	1.2	1.4	4.3	5.0	6.0	6.3	22.35	22.45	22.60	30.47	33.63
20	23	4	1.6	23	18	20	12	1.4	1.4	2.5	4.6	5.5	5.9	7.0	22.60	22.35	23.75	28.20	31.73
21	25	6	3.6	34	12	36	27	1.6	3.4	4.9	5.5	5.7	7.2	7.2	23.01	23.01	24.20	29.50	32.42
22	29	5	5.0	00	0	32	35	3.1	4.3	5.0	5.1	5.1	7.2	7.2	25.75	29.30	32.00	32.05	32.72
23	27	5	3.0	32	43	32	42	3.0	3.6	4.2	5.2	5.4	6.2	7.1	25.80	26.95	28.35	30.60	32.01
24	34	6	3.0	09	43	09	18	2.8	3.9	5.3	5.3	5.3	5.8	7.0	24.80	28.40	32.10	32.35	32.82
25	29	6	4.5	00	0	00	0	3.7	4.0	4.8	5.1	5.2	5.5	6.9	27.40	28.10	31.95	33.45	34.02
26	27	4	2.6	18	18	19	19	3.5	4.4	4.7	4.8	4.8	5.0	5.4	27.05	29.45	33.20	33.45	34.90
27	36	4	-0.2	07	30	00	0	3.4	4.1	4.5	4.5	5.1	5.4	5.4	27.45	29.70	32.50	33.10	33.57
28	18	8	-0.5	16	45	16	30	4.5	4.5	4.5	4.8	5.1	5.8	6.1	31.45	31.40	31.35	31.45	34.89
29	23	5	2.2	18	48	18	33	3.2	3.4	3.7	4.0	4.7	5.4	5.4	27.95	28.05	29.20	29.35	32.99
30	23	7	3.5	23	23	40	34	3.5	3.8	3.9	3.9	4.9	5.5	5.5	28.45	28.50	29.40	29.65	33.84
31	27	6	3.9	27	29	36	27	3.6	3.6	3.6	4.1	4.4	4.9	4.9	28.70	28.50	28.75	31.23	33.39
M	4	1.6						2.6	3.0	3.8	4.5	5.0	5.5	6.1	24.69	25.52	27.22	29.22	33.01

VINGA

Januari

# VINGA

57°34' N

Februari

11°36' E

Observatör: B.H. NILSSON, G. GROTHÉN, N. PEHRSSON

# VINGA

Februari

1964

E n d a g d	Wind Rikt. Stryka	Luft- temp. Riktin.	Ström från 0 m cm/sek.	Vattnets temperatur i °C								Vattnets saltinhalt i ‰ <sub>0/‰</sub>									
				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	20	5	3.7	2.3	4.6	2.3	25	2.7	2.7	3.5	3.9	4.1	4.4	4.8	25.54	25.79	28.38	30.36	31.43	32.99	33.48
2	32	4	4.0	0.0	0	0.0	0	2.7	2.7	4.1	4.7	4.8	5.0	5.0	25.65	25.70	30.55	32.60	33.36	33.64	33.65
3	20	4	3.9	18	53	18	21	2.2	3.3	4.1	4.7	4.9	5.0	5.0	22.40	27.35	30.70	32.45	33.28	33.48	33.58
4	25	7	3.2	18	50	23	36	2.2	4.8	4.5	4.9	5.0	5.1	5.1	23.25	22.70	30.80	32.20	33.41	33.61	33.69
5	32	7	1.0	36	21	05	15	2.8	2.8	4.8	5.0	5.0	5.1	5.1	25.30	25.40	32.90	33.05	33.56	33.57	33.74
6	34	2	-1.0	05	36	05	26	4.1	4.1	4.2	4.4	4.4	4.5	5.0	31.30	31.75	31.65	32.00	33.14	33.27	33.57
7	25	4	2.5	27	20	20	33	3.8	3.9	4.0	4.1	4.2	4.4	4.7	31.30	31.30	32.00	31.90	32.39	32.77	33.21
8	34	5	5.1	34	40	36	26	3.7	3.8	4.1	4.1	4.2	4.6	4.6	31.20	31.20	31.85	31.95	32.42	32.78	32.99
9	36	2	4.0	02	32	02	19	4.0	4.0	4.0	4.0	4.0	4.5	4.6	32.00	32.00	31.85	31.85	32.19	32.76	32.96
10	25	4	4.5	02	33	00	0	3.7	3.7	4.4	4.7	4.9	5.2	5.2	31.00	31.00	32.10	32.30	32.87	33.00	33.10
11	36	6	3.0	02	34	02	12	3.2	3.2	4.0	4.4	4.5	5.1	5.2	29.38	29.41	31.58	32.47	32.82	33.04	33.08
12	05	6	-3.5	11	54	11	44	2.5	2.6	4.4	4.5	4.6	4.8	4.9	26.90	27.25	32.05	32.10	32.58	32.78	32.88
13	16	2	-3.5	18	33	18	42	2.1	2.1	2.8	3.7	4.6	4.6	4.6	27.50	27.40	28.00	30.10	32.42	32.57	32.62
14	07	4	-3.0	14	43	14	47	1.6	1.8	4.0	4.2	4.3	4.4	4.5	24.90	25.00	29.85	30.80	31.37	31.69	31.80
15	18	3	-1.2	16	43	16	36	1.4	1.8	3.0	3.6	3.9	4.4	4.4	25.50	26.05	28.30	29.15	30.23	30.76	31.89
16	07	4	-4.5	16	54	16	65	1.4	1.5	2.1	2.8	2.9	3.9	5.2	25.65	25.60	26.45	27.50	28.76	30.84	33.69
17	07	6	-4.1	14	59	14	71	1.5	1.5	3.0	2.7	3.6	4.4	5.3	25.15	25.15	27.05	28.55	30.11	31.83	33.82
18	05	6	-8.3	00	0	00	0	1.1	1.1	1.1	1.7	2.5	4.5	5.8	25.20	25.15	27.25	27.25	29.47	32.30	34.60
19	23	1	-5.0	18	17	18	20	0.8	0.9	2.0	3.6	4.0	5.2	5.2	24.80	24.70	24.85	26.70	28.75	31.08	33.56
20	18	2	-3.1	20	27	18	12	0.1	0.4	1.0	1.8	3.0	3.7	5.1	23.30	24.25	24.70	25.85	27.97	31.17	33.47
21	16	2	-1.5	16	27	16	7	0.5	0.6	0.8	0.9	1.8	3.6	5.4	23.62	24.52	24.76	25.23	26.29	31.06	33.88
22	14	3	-1.5	11	13	14	18	0.5	0.5	1.0	1.0	1.6	3.8	6.3	22.10	23.70	24.70	25.00	26.05	30.72	34.79
23	11	5	-3.2	20	47	16	28	0.1	0.4	0.6	0.8	0.8	3.8	6.2	19.65	21.50	24.10	24.80	25.55	30.95	34.67
24	09	4	-3.0	14	52	14	42	0.2	0.3	0.6	0.5	1.0	4.7	6.3	22.05	22.25	23.95	24.55	25.69	32.60	34.79
25	11	4	-0.3	16	48	32	17	0.2	0.5	1.0	1.0	1.3	4.6	6.7	22.00	22.50	24.10	24.20	24.81	32.46	35.02
26	14	4	-1.1	36	17	36	22	0.1	0.2	0.3	0.5	0.9	5.5	6.7	21.60	21.40	22.10	23.65	25.32	33.84	35.02
27	14	4	0.9	14	15	09	29	0.2	0.3	0.5	0.5	0.5	5.9	6.5	21.70	21.60	22.10	23.25	23.89	34.09	34.91
28	16	4	0.5	00	0	09	26	0.4	0.4	0.3	0.7	0.8	6.2	6.9	20.70	20.60	21.25	21.85	23.65	34.55	35.10
29	14	2	1.0	09	25	07	30	0.5	0.3	0.1	0.5	1.9	6.6	7.0	19.75	20.00	20.75	21.65	26.61	34.93	35.13
30																					
31																					
M		4	-0.4																		

# VINGA

57° 34' N

Mars

11° 36' E

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

1964

**VINGA**

Mars

E d	Vind	Luft- temp. Riktn. Styrka	Ström från 0 m Riktn. cm sek.	Vattnets temperatur i °C								Vattnets salthalt i ‰									
				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	16	2	-0.5	1.6	2.5	0.0	0	0.6	0.2	0.5	1.2	2.4	6.6	7.0	19.03	20.27	21.97	24.07	28.04	34.87	35.13
2	29	2	0.2	2.5	2.0	25	17	0.9	0.7	0.7	0.8	3.6	6.7	7.0	19.08	20.15	21.45	23.10	29.87	34.96	35.13
3	32	2	-0.5	3.6	27	36	20	0.8	0.5	0.7	1.2	5.7	6.7	7.0	18.80	21.15	21.75	24.70	34.00	35.02	35.13
4	02	2	-1.1	0.2	1.3	0.0	0	0.5	0.6	0.5	2.2	6.5	6.9	7.0	18.80	20.70	22.35	23.05	34.82	35.06	35.13
5	09	3	-1.5	1.8	37	16	50	0.5	0.7	0.9	3.2	6.3	6.9	7.0	18.25	19.60	23.30	29.10	34.58	35.03	35.11
6	14	3	-1.7	2.3	23	20	40	0.4	0.4	0.8	1.2	4.7	6.6	6.8	17.70	17.66	20.50	25.70	32.60	34.82	34.95
7	25	2	-1.8	3.6	17	00	0	0.2	0.6	1.2	2.4	5.2	6.5	6.7	17.23	17.83	21.25	25.70	33.10	34.69	34.88
8	23	5	-1.0	2.3	33	20	40	0.5	0.5	1.3	1.4	4.9	6.4	6.6	18.04	18.12	21.75	25.10	32.76	34.70	34.83
9	00	0	0.0	0.0	0	0	0	0.7	0.7	1.0	3.5	5.0	6.5	6.8	19.19	19.18	22.10	29.65	32.96	34.75	35.07
10	00	0	-3.0	1.1	13	11	17	0.7	0.7	1.1	3.8	6.2	6.6	6.3	19.16	19.30	24.15	31.10	34.42	34.98	35.03
11	07	3	0.5	1.4	30	07	23	0.8	0.7	1.0	3.5	5.8	6.7	6.3	18.72	18.96	23.76	30.46	34.21	34.98	35.04
12	02	2	-2.0	0.0	0	20	10	0.8	0.8	1.2	3.6	3.6	6.7	6.5	18.59	19.09	23.00	29.95	33.74	34.97	35.05
13	11	5	-2.2	1.6	50	16	43	0.8	0.8	1.1	3.0	5.5	6.6	6.4	18.09	18.06	23.20	29.20	33.73	34.94	35.01
14	09	5	-4.5	1.4	37	14	43	0.6	0.7	0.8	1.7	4.1	6.3	6.5	16.92	17.44	18.85	24.95	31.76	34.59	34.94
15	07	4	-4.5	1.1	17	11	40	0.4	0.7	0.8	1.1	4.0	6.3	6.5	15.98	16.73	17.25	21.00	31.31	34.64	34.98
16	05	1	-1.0	3.4	23	34	47	0.1	0.5	0.6	1.2	5.2	6.3	6.6	16.32	16.67	17.36	20.95	33.29	34.82	35.06
17	09	5	-2.0	3.6	50	36	57	0.3	0.6	2.3	6.2	6.5	6.5	6.5	17.06	17.21	18.01	26.90	34.54	34.91	35.05
18	05	4	-3.1	3.4	27	34	37	0.2	0.2	0.7	2.7	6.2	6.5	6.5	16.97	16.98	18.08	26.65	34.52	34.96	35.05
19	07	4	-2.5	0.5	20	34	27	0.1	0.3	0.7	3.8	6.0	6.5	6.5	16.92	17.01	19.26	30.05	34.20	34.96	35.07
20	11	5	-3.0	0.9	27	00	0	0.2	0.2	1.0	4.4	5.7	6.5	6.5	17.14	17.02	19.30	31.25	34.12	35.01	35.09
21	09	6	-0.3	0.0	0	00	0	0.2	0.2	0.8	3.7	5.6	6.3	6.4	17.23	17.24	18.42	29.99	34.10	34.97	35.10
22	09	4	0.5	0.0	0	00	0	0.2	0.2	0.2	0.3	3.6	5.7	6.4	17.63	17.57	17.84	29.55	34.42	35.00	35.11
23	09	3	-0.6	0.9	23	02	20	0.2	0.2	0.7	4.7	6.0	6.2	6.3	17.40	17.30	19.12	31.40	34.61	34.94	35.08
24	11	4	-2.5	1.1	14	17	0.3	0.3	1.5	5.3	6.0	6.2	6.3	17.56	17.50	22.25	32.35	34.57	34.98	35.06	
25	11	5	-1.0	1.6	30	11	25	0.4	0.4	0.6	5.1	5.9	6.4	6.4	17.40	17.36	19.24	32.00	34.49	34.99	35.09
26	09	4	-0.4	1.4	27	11	12	0.5	0.5	0.6	4.2	6.0	6.3	6.3	17.37	17.28	17.65	30.25	34.53	35.02	35.07
27	05	3	-0.6	1.8	8	00	0	0.7	0.7	0.8	5.0	5.8	6.2	6.3	17.41	17.35	18.13	31.85	34.07	34.94	35.10
28	07	4	-0.2	0.7	10	00	0	0.7	0.7	0.9	5.3	5.9	6.2	6.4	17.49	17.36	19.50	32.80	34.41	34.95	35.08
29	05	5	0.2	0.7	15	34	25	0.7	0.7	1.1	5.4	6.1	6.4	6.4	17.49	17.45	21.35	32.55	34.57	34.98	35.12
30	05	5	0.5	3.6	13	14	10	0.8	1.3	5.7	6.1	6.3	6.4	6.4	17.62	17.55	21.85	32.75	34.57	35.01	35.11
31	05	4	0.0	11	13	00	0	1.1	1.1	1.1	1.6	5.5	6.2	6.3	17.72	17.69	21.85	33.25	34.66	35.00	35.12
<b>M</b>	3	-1.3						0.5	0.5	0.9	3.3	5.4	6.5	6.5	17.75	18.08	20.51	28.43	33.60	34.92	35.06

# VINGA

57° 34' N

11° 36' E

April

Observatör: B.H. NILSSON, G. GROTHÉN, N. PEHRSSON, E. STRÖM

1964

VINGA

April

E- Q	Wind Riktn. Stryka	Luft- temp. Riktn. cm/sek.	Strömf 0 m Riktn. cm/sek.	Vattnets temperatur i °C								Vattnets salthalt i ‰									
				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	3	0.3	0.0	0	0	0.36	1.0	1.3	1.9	5.6	6.2	6.3	6.4	17.73	17.71	24.02	33.62	34.94	35.06	
2	05	3	1.2	0.0	0	0.0	0	1.5	1.5	1.9	5.6	6.0	6.2	6.3	17.83	17.81	27.25	33.25	34.50	34.95	
3	07	3	2.5	1.6	8	0.0	0	1.7	1.6	2.7	5.6	6.0	6.3	6.3	17.91	17.90	28.00	33.25	34.51	34.95	
4	05	3	2.0	1.4	17	14	8	1.8	1.8	3.6	5.6	6.1	6.3	6.3	17.69	17.76	29.80	33.65	34.56	34.98	
5	05	5	0.8	14	42	14	33	1.9	1.9	4.3	5.7	6.0	6.2	6.3	17.72	17.87	30.40	33.45	34.48	35.08	
6	00	0	5.0	0.0	0	0	0	2.0	2.1	5.1	5.7	6.1	6.4	6.2	17.78	17.86	31.60	33.80	34.57	35.05	
7	14	3	1.4	20	13	18	17	2.6	4.0	6.3	6.4	6.2	6.2	6.2	16.85	18.14	30.70	34.10	34.99	35.12	
8	34	1	5.5	0.7	10	09	25	2.6	2.5	5.2	6.5	6.4	6.0	6.0	16.93	25.25	33.10	34.56	35.06	35.12	
9	00	0	4.5	0.0	0	0	0	2.9	2.5	5.6	6.2	6.4	6.3	6.1	17.56	26.70	33.40	34.25	34.98	35.11	
10	18	3	3.5	16	23	00	0	3.2	2.9	4.9	5.8	6.2	6.4	6.1	20.55	21.25	32.15	33.60	34.82	35.12	
11	20	2	4.0	0.9	10	00	0	3.3	3.1	3.8	5.7	6.2	6.4	6.4	18.04	19.12	29.64	33.53	34.74	35.08	
12	23	6	4.0	0.7	16	02	13	3.5	4.0	5.5	6.0	6.3	6.2	6.2	18.92	18.83	29.10	33.05	34.51	35.13	
13	25	5	5.0	34	13	36	8	3.6	3.6	5.2	5.9	6.5	6.3	6.3	18.64	18.58	18.42	32.40	34.07	35.02	
14	23	4	3.6	27	42	27	30	4.2	4.2	4.2	4.9	6.4	6.6	6.6	20.40	20.35	23.20	32.75	34.63	35.14	
15	23	4	4.1	34	18	34	20	4.3	4.3	4.1	4.7	5.6	6.7	6.7	19.70	19.65	27.20	32.40	34.19	35.07	
16	16	3	5.0	0.0	32	21	45	4.4	4.2	4.0	5.2	6.3	6.6	6.6	20.85	22.45	26.35	32.30	33.97	34.93	
17	14	6	7.1	32	42	33	47	4.7	4.6	6.1	6.1	6.3	6.4	6.4	19.85	19.80	21.85	32.70	33.97	34.65	
18	16	4	9.0	18	27	32	13	4.9	4.9	4.9	4.9	6.2	6.4	6.4	19.60	19.75	19.70	25.25	33.73	34.63	
19	16	2	7.5	25	13	00	0	5.3	5.3	4.9	5.2	6.1	6.3	6.4	19.35	19.50	19.65	27.65	33.76	34.58	
20	16	2	7.5	00	32	8	6.0	5.7	6.2	6.3	6.3	6.3	6.3	6.3	19.60	19.50	19.70	32.35	33.83	34.52	
21	18	1	7.5	00	0	0	0	6.4	5.8	5.1	5.0	5.4	6.4	6.5	19.35	19.80	21.68	32.82	33.95	34.49	
22	00	0	9.5	19	00	0	0	6.6	5.9	4.9	6.3	6.4	6.3	6.4	19.55	19.95	25.45	32.80	34.17	34.72	
23	27	1	7.3	00	0	0	0	6.7	6.0	5.4	5.5	6.4	6.3	6.4	19.39	20.00	20.95	32.42	34.42	34.66	
24	18	2	6.5	00	0	0	0	7.7	5.7	5.4	6.0	6.2	6.3	6.4	19.23	20.10	27.25	33.05	34.35	34.53	
25	07	3	4.6	16	23	00	0	6.5	6.5	5.2	5.7	6.0	6.4	6.5	19.04	18.98	25.20	33.25	34.35	34.85	
26	20	4	6.8	14	11	8	6.6	6.5	5.4	5.5	6.2	6.3	6.5	6.5	19.40	19.30	20.50	32.30	34.32	34.73	
27	23	4	7.5	16	20	00	0	6.8	6.8	5.5	5.0	6.2	6.3	6.5	19.10	19.07	22.40	32.75	34.37	34.75	
28	16	4	7.8	00	0	0	0	7.2	7.2	6.8	6.0	6.2	6.5	6.5	19.03	18.93	19.25	32.35	34.17	34.62	
29	20	5	7.5	00	0	36	14	7.3	7.3	5.8	6.3	6.4	6.6	6.6	18.92	18.86	18.96	30.00	34.38	34.71	
30	25	7	7.5	32	32	80	7.2	7.2	7.2	5.8	6.3	6.5	6.6	6.6	19.20	19.40	19.25	26.75	34.41	35.00	
31																					
M	3	5.2						4.5	4.3	4.7	5.6	6.1	6.3	6.4		18.86	19.67	25.37	32.35	34.38	34.93

# VINGA

57° 34' N

11° 36' E

Mai

Observatör: B.H. NILSSON, G. GROTHÉN, N. PEHRSSON

1964

Dag	Vind	Lufttemp.	Ström från			Vatten temperatur i °C						Vatten salthalt i ‰								
			Riktn.	Syrlig	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	25	5	6.8	27	39	32	23	6.9	6.8	6.0	6.5	6.5	21.09	21.33	22.73	23	21.18	24.23	34.84	
2	18	3	7.0	27	8	36	13	6.7	6.4	6.6	6.1	5.7	28.70	30.20	32.85	33.05	33.76	33.93	34.29	
3	00	0	8.0	14	32	36	12	7.6	7.2	6.6	6.3	5.9	19.80	26.15	31.65	32.90	33.56	33.87	34.18	
4	16	2	7.5	14	29	36	11	8.3	8.0	7.4	6.3	5.9	19.60	21.50	31.65	33.80	33.89	34.11	34.11	
5	29	3	7.8	16	23	16	17	8.4	8.2	7.1	6.2	6.1	19.44	19.55	27.15	32.30	33.72	34.12	34.41	
6	25	4	8.1	18	13	18	19	8.4	8.3	7.7	6.4	5.6	19.75	23.00	26.95	32.50	33.93	34.16	34.40	
7	18	2	8.1	14	37	16	35	9.0	8.7	6.9	6.3	5.6	19.70	21.75	30.20	32.90	33.77	34.10	34.25	
8	18	7	9.2	18	35	18	12	8.8	8.8	7.8	6.2	6.0	5.6	23.00	22.90	26.95	32.55	33.30	33.80	34.06
9	23	5	8.6	18	31	16	34	8.7	8.5	8.2	6.8	6.0	5.8	25.60	26.35	27.35	30.85	33.32	33.73	33.99
10	16	3	9.8	18	45	16	27	9.3	8.9	8.6	7.7	6.1	5.8	20.75	23.70	26.45	28.60	33.05	33.64	33.95
11	25	4	8.5	11	13	09	7	9.3	9.0	8.1	6.2	5.9	21.39	21.41	23.84	27.03	33.05	33.87	34.07	
12	23	4	10.0	16	9	16	28	9.6	9.6	8.2	6.8	6.5	6.0	23.55	23.60	27.45	31.55	32.66	33.74	34.08
13	16	5	11.8	20	79	20	61	9.8	9.5	8.4	6.7	6.2	6.1	19.30	19.85	24.25	28.20	32.50	33.47	33.81
14	25	6	10.2	14	43	14	33	10.1	9.9	9.4	8.2	6.2	6.1	19.60	21.75	24.85	28.35	33.17	33.70	34.17
15	29	7	8.8	32	46	32	30	9.7	9.7	8.5	6.4	6.2	6.0	22.00	21.85	28.20	32.35	33.46	33.80	34.35
16	29	6	9.2	36	66	36	77	9.5	9.4	8.4	7.3	6.2	6.3	23.40	23.95	29.80	32.45	33.45	33.89	34.21
17	29	6	9.0	36	56	36	42	9.6	8.1	7.7	7.1	6.7	6.3	26.45	30.45	32.10	32.40	33.13	33.96	34.18
18	05	2	9.0	14	15	14	7	9.3	7.9	7.9	7.1	6.3	6.2	23.90	30.90	31.25	32.10	32.70	33.80	34.20
19	16	4	9.8	16	40	16	48	10.0	9.2	8.0	7.3	6.8	6.3	22.65	26.55	30.90	32.10	32.98	33.89	34.10
20	14	3	9.2	16	42	16	43	9.9	10.0	8.9	7.0	6.4	6.3	24.60	25.75	28.25	31.70	33.24	33.91	34.18
21	00	0	11.7	23	29	18	36	11.1	10.3	9.4	7.3	6.4	6.3	23.80	25.52	27.75	28.40	31.30	33.62	34.34
22	25	1	9.4	23	23	20	30	11.0	10.2	10.3	9.6	8.0	6.3	21.50	22.65	26.25	27.20	30.59	33.81	34.18
23	00	0	15.8	00	0	00	0	11.7	11.3	10.3	10.2	8.1	6.3	21.50	21.70	22.95	26.15	30.02	33.57	34.17
24	05	1	13.2	18	7	14	10	11.8	12.3	10.7	10.1	9.7	6.3	20.70	22.10	22.60	25.95	31.26	33.92	34.17
25	14	2	14.0	18	19	14	13	13.0	11.0	11.3	10.5	6.8	6.2	19.50	21.00	22.65	24.15	32.52	33.84	34.06
26	11	3	15.5	27	13	00	0	12.6	12.1	10.9	10.3	6.9	6.2	18.97	19.80	21.40	32.50	33.92	34.11	
27	14	1	15.9	32	13	32	20	13.3	11.7	10.9	10.4	7.0	6.2	19.02	20.35	21.10	23.00	32.43	33.98	34.19
28	00	0	18.5	34	20	34	30	14.9	13.7	11.2	10.1	6.8	6.4	19.75	20.60	22.65	24.95	33.40	34.17	34.35
29	16	3	14.8	18	13	00	0	15.3	13.2	11.3	8.9	6.4	6.3	19.30	20.90	22.75	28.35	33.85	34.21	34.53
30	27	4	14.4	36	25	36	33	14.7	14.5	11.6	9.8	6.5	6.4	20.35	20.15	22.50	27.50	33.85	34.24	34.50
31	29	4	12.3	32	20	05	33	14.7	13.6	11.4	7.2	6.5	6.4	20.90	21.30	24.95	31.95	34.05	34.40	34.52
M	3	10.7						10.4	9.9	9.0	7.9	6.6	6.1	21.60	23.18	26.36	29.67	32.99	33.93	34.23

# VINGA

Juni

11° 36' E

Observatör: B.H. NILSSON, G. GROTHÉN, N. PEHRSSON, E. STRÖM

57° 34' N

Juni

# VINGA

1964

E n d a d	V in d	Lu ft t e m p a	Rik tn .	S y n k o	Ström från 0 m					Vattnets temperatur i °C					Vattnets salthalt i ‰							
					Riktn. cm/sek.	Riktn. cm/sek.	Riktn. cm/sek.	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	29	4	8.9	34	2.3	34	37	13.2	13.2	10.3	8.7	6.6	6.4	6.5		20.48	20.48	29.22	31.47	33.75	34.39	34.50
2	05	5	8.5	40	1.4	1.7	12.7	9.2	8.3	8.1	6.8	6.4	6.5	6.5		21.15	21.05	31.60	32.10	33.55	34.28	34.52
3	11	3	11.0	16	20	16	30	12.2	12.2	12.7	8.5	8.1	6.5	6.5		23.10	23.70	25.15	23.30	23.85	34.33	34.53
4	20	3	11.5	16	27	16	50	12.9	11.9	9.0	8.0	6.4	6.4	6.4		22.25	22.55	25.20	30.45	33.18	33.98	34.40
5	18	3	13.0	18	27	16	42	13.1	13.0	11.1	8.1	8.5	7.5	6.5		21.15	21.55	24.00	30.55	33.41	34.10	34.44
6	23	6	13.5	97	33	09	50	13.1	13.1	12.4	10.4	8.8	6.9	6.4		21.60	21.80	22.00	24.95	33.21	34.10	34.36
7	16	3	14.5	18	27	18	30	13.5	13.5	12.1	9.4	7.5	6.5	6.9		20.50	20.50	22.15	27.75	33.09	34.33	34.83
8	20	3	14.1	16	20	14	37	13.9	13.7	13.6	13.5	7.9	6.7	6.7		20.95	20.80	21.45	22.35	31.57	34.23	34.86
9	27	6	12.5	34	37	34	30	14.0	14.0	14.0	14.2	8.5	6.7	6.9		22.90	23.00	23.10	23.35	31.19	34.36	34.96
10	25	3	12.5	32	27	32	67	13.9	13.9	13.9	9.7	7.1	6.9	6.9		22.20	22.15	22.20	29.40	33.51	34.37	34.70
11	14	3	13.8	18	33	18	30	14.0	14.0	11.5	10.6	7.0	6.8	6.9		21.07	22.24	26.74	31.80	33.73	34.39	34.72
12	27	4	12.5	23	33	23	47	14.0	13.4	11.6	9.5	7.3	6.8	6.8		23.40	25.15	29.45	32.70	33.56	34.44	34.55
13	16	3	16.8	27	50	40	15.0	14.0	13.0	10.5	7.8	7.1	7.0		20.95	23.25	25.80	31.15	33.47	34.34	34.47	
14	11	6	18.9	32	23	29	50	15.3	15.2	14.7	12.1	10.1	7.3	7.2		21.10	21.10	22.60	28.30	32.73	33.96	34.41
15	23	5	14.3	27	33	29	42	15.2	15.1	14.6	13.7	11.7	7.7	7.5		21.25	21.15	21.95	23.30	30.64	34.15	34.40
16	23	7	13.2	18	33	27	30	14.8	14.8	14.7	13.3	9.0	7.5	7.3		23.00	22.95	23.15	24.95	33.03	34.33	34.55
17	25	6	11.5	27	17	32	30	14.1	14.0	14.0	10.4	8.6	7.1	7.1		23.85	24.20	24.25	24.35	34.03	34.43	
18	23	4	12.0	18	27	15	27	14.2	14.2	14.1	13.1	10.1	9.5	7.4		23.05	23.10	23.65	27.20	33.38	33.88	34.28
19	09	4	14.2	18	50	18	27	14.6	14.2	13.2	12.5	11.2	10.3	9.2		21.80	22.50	26.85	32.05	32.91	33.54	33.93
20	23	5	11.2	23	42	18	37	14.7	14.7	14.7	13.2	12.3	10.0	8.3		21.35	21.35	21.70	26.25	31.81	33.62	34.16
21	25	3	12.0	23	42	23	25	15.0	15.0	14.0	13.6	12.2	9.9	8.4		21.00	21.35	24.40	28.15	32.50	33.64	34.15
22	05	3	14.2	23	33	00	0	14.8	14.2	13.6	13.2	12.0	10.5	8.6		21.39	24.19	27.44	30.29	33.07	33.60	33.98
23	09	3	13.3	27	33	29	10	15.5	15.5	13.7	13.4	12.0	11.1	8.9		21.00	21.05	25.10	28.85	33.08	33.46	33.96
24	25	7	12.6	27	42	29	35	13.8	13.8	13.7	12.5	12.1	10.5	8.5		25.55	26.35	27.35	30.80	33.15	33.53	34.06
25	27	5	13.2	36	17	27	8	14.0	13.6	13.0	12.3	11.9	10.6	8.3		24.65	27.70	30.20	32.30	33.10	33.61	34.04
26	27	5	13.4	05	29	02	15	15.2	14.3	13.5	12.4	11.8	11.2	8.4		21.65	25.35	29.45	32.05	33.13	33.61	33.99
27	23	3	14.5	20	10	34	12	15.5	13.9	14.0	13.2	12.2	11.8	8.7		23.80	28.55	29.55	31.15	32.31	33.48	33.93
28	29	5	13.2	14	42	27	18	14.2	13.2	12.8	12.7	12.5	12.0	9.9		28.25	30.85	32.00	32.55	33.10	33.32	33.72
29	27	6	12.0	27	17	27	30	14.4	14.3	13.1	12.1	12.1	11.3	8.8		24.80	25.50	30.75	32.00	33.25	33.48	33.91
30	32	6	13.2	02	36	34	29	13.4	13.3	13.2	13.1	13.1	12.8	9.3		25.05	31.80	31.95	32.10	32.68	33.02	33.82
31																						
M	4	13.0						14.1	13.8	13.0	11.7	9.9	8.7	7.6		22.47	23.86	26.01	29.27	32.95	33.93	34.32

## VINGA

57° 34' N

11° 36' E

Juli

Observatör: B.H. NILSSON, G. GROTHÉN, E. STRÖM

1964

E n- g- d	Wind Riktn. Syrka	Luft- temp. Riktn. cm/sek.	Ström från 0 m			Värmelets temperatur i °C						Värmelets saltinhalt i ‰							
			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	3	15.0	32	27	32	43	14.9	13.5	13.4	13.1	13.0	11.8	9.9	25.03	21.99	22.09	32.20	32.38
2	25	5	12.4	14	35	14	25	14.6	13.4	13.1	13.0	11.7	9.8	26.30	30.60	31.75	32.15	32.70	
3	27	7	12.2	29	13	25	19	13.4	13.3	12.8	12.8	11.6	9.4	30.90	30.90	30.95	32.25	32.95	
4	05	2	14.6	11	23	00	0	14.1	13.5	13.5	13.1	12.2	9.0	27.80	30.80	30.90	32.05	32.54	
5	20	4	12.0	18	16	18	8	14.9	14.2	13.5	13.2	12.9	11.0	9.5	25.30	30.05	30.70	31.35	32.66
6	32	3	12.2	16	50	18	24	14.6	13.9	13.5	13.0	12.1	9.8	25.70	29.65	30.75	30.90	32.38	
7	27	6	12.5	00	0	00	0	14.4	14.3	13.9	13.7	12.9	11.0	9.2	26.55	27.15	30.65	30.95	32.49
8	20	8	12.8	14	42	16	37	14.2	13.8	13.5	13.0	12.6	10.3	28.40	28.50	30.50	31.40	32.32	
9	23	6	13.5	14	69	14	63	14.5	14.5	14.2	13.6	13.4	11.6	24.50	25.20	27.90	30.75	31.87	
10	25	6	12.5	16	62	16	87	14.2	13.8	13.8	13.8	13.4	11.0	26.65	27.40	30.65	31.30	31.67	
11	23	6	12.4	14	59	14	75	14.5	14.5	13.8	13.8	13.7	12.9	10.0	24.89	24.98	31.52	31.65	31.69
12	23	4	13.7	14	60	14	77	14.8	14.8	14.2	13.9	13.3	12.1	10.4	23.35	23.35	28.00	30.70	31.81
13	29	3	13.3	14	60	14	57	15.0	14.5	14.0	13.8	13.5	12.9	11.3	23.90	27.45	30.40	31.10	31.93
14	25	2	14.2	16	45	18	33	15.2	14.5	14.5	14.2	13.9	13.5	12.7	23.75	26.65	29.25	30.60	31.21
15	14	3	17.0	16	45	16	30	16.2	15.1	14.5	14.3	14.2	13.8	13.1	22.55	23.90	25.30	27.85	30.97
16	00	0	16.8	00	0	00	0	15.9	14.8	14.4	14.4	14.1	13.3	11.9	22.90	23.55	25.25	27.20	28.93
17	23	3	15.5	00	0	00	0	16.2	16.2	14.4	14.3	14.2	13.0	9.5	23.50	23.40	24.45	27.10	28.65
18	16	1	15.7	00	0	00	0	15.9	15.9	14.9	14.5	14.5	11.5	9.2	23.05	23.30	24.10	26.80	28.98
19	11	2	19.4	00	0	00	0	16.8	16.6	15.3	14.9	14.2	10.9	10.0	21.55	21.65	23.60	25.95	29.07
20	23	4	16.3	20	8	00	0	17.1	17.1	15.6	15.0	13.6	11.2	10.0	22.20	22.20	23.55	25.40	30.18
21	25	4	14.5	29	11	29	20	16.6	16.6	15.7	14.7	14.8	10.7	9.6	22.28	22.28	23.33	26.58	30.20
22	07	2	15.6	00	0	00	0	16.5	16.5	15.1	15.3	14.0	11.4	10.0	22.15	22.45	23.60	25.70	30.72
23	05	4	15.4	00	0	36	26	16.2	16.2	15.3	15.7	14.8	13.4	10.1	22.30	22.35	27.35	28.90	30.38
24	14	4	15.2	20	42	32	13	16.4	16.4	15.8	14.6	13.9	12.4	9.7	21.95	22.00	23.50	30.20	32.52
25	25	3	15.0	20	22	32	14	16.6	15.8	15.0	14.0	11.0	8.8	22.20	22.40	24.25	29.20	31.64	
26	27	2	15.2	16	8	00	0	16.5	16.5	15.5	14.5	14.7	11.6	9.0	22.25	22.45	24.25	29.90	31.28
27	23	2	15.4	16	19	00	0	16.4	16.4	16.5	15.0	13.8	11.4	9.1	23.00	24.30	24.65	28.05	31.07
28	20	4	15.7	00	0	00	0	16.7	16.2	16.1	15.8	14.5	11.0	9.5	21.65	23.05	24.45	28.90	31.19
29	27	7	14.0	32	19	32	26	15.2	15.3	15.3	15.3	13.4	11.0	8.8	29.50	29.55	29.55	30.20	33.22
30	34	2	14.5	14	19	14	17	15.9	14.9	14.8	14.7	14.0	10.6	10.1	23.20	30.15	30.85	31.20	32.37
31	23	6	15.4	00	0	20	8	15.9	14.9	14.6	14.6	14.0	13.9	10.5	24.85	30.75	31.05	31.60	32.59
M	4	14.5						15.5	15.1	14.6	14.2	13.8	12.2	10.2				31.34	32.85

# VINGA

Augusti

1964

57°34' N 11°36' E

Observatör: B.H. NILSSON, G. GROTHÉN, N. PEHRSSON, E. STRÖM

Augusti

# VINGA

E n g d	Vind Riktn. Riktn.	Luft- temp. Stryka	Ström från 0 m Riktn. cm sek.	Vattnets temperatur i °C								Vattnets salthalt i ‰							
				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	27	7	13.2	27	29	27	20	15.4	15.4	14.4	14.1	13.4	10.6		26.56	26.57	31.87	32.27	33.43
2	02	1	13.0	16	25	25	10	15.4	15.2	14.6	14.5	14.7	12.1		24.20	27.30	31.25	32.45	33.35
3	14	3	15.7	18	13	23	8	15.6	15.2	14.7	14.5	14.4	11.6		25.40	29.15	31.25	31.90	33.44
4	29	6	15.5	02	36	27	12	15.5	15.5	14.8	14.7	14.7	12.4		27.70	30.05	31.15	32.20	33.31
5	36	2	15.8	00	0	00	0	15.4	15.3	14.7	14.7	14.6	12.5		28.80	30.45	31.40	31.55	33.18
6	29	2	15.4	00	0	00	0	15.4	15.1	14.8	14.7	14.7	13.2		27.60	31.30	31.45	31.85	33.17
7	09	2	16.5	14	12	14	8	15.9	15.0	14.8	14.5	13.9	13.0		25.85	31.10	31.30	31.60	33.04
8	09	2	17.9	16	52	16	37	17.0	16.0	15.6	14.9	14.2	12.9		23.85	27.35	29.00	31.15	32.93
9	14	1	17.5	18	62	18	56	16.7	16.2	15.8	15.4	14.7	12.4		23.10	24.65	26.70	29.30	32.35
10	09	3	18.2	16	37	16	19	17.3	16.7	16.0	15.3	14.9	11.1		20.40	23.20	25.70	28.75	32.56
11	05	2	18.0	14	32	14	19	17.4	17.1	16.5	15.7	15.2	11.2		19.91	22.69	25.22	26.79	30.17
12	05	4	16.0	14	60	14	57	17.8	17.7	16.8	15.0	14.9	11.7		19.08	19.57	27.85	30.20	33.21
13	07	4	14.6	14	42	14	32	17.4	17.4	16.6	16.1	14.9	12.6		20.05	20.90	27.30	31.36	32.70
14	07	1	16.0	16	17	16	22	17.1	17.1	15.9	16.5	15.2	13.1		20.40	20.50	23.10	28.15	33.05
15	23	4	14.1	20	23	18	30	17.0	17.0	16.1	16.2	15.4	12.0		20.80	20.75	23.90	24.10	29.90
16	25	6	13.8	25	27	16.4	16.4	16.4	16.4	16.5	15.6	13.8		22.60	22.60	22.70	27.85	29.37	
17	25	4	13.6	18	27	20	23	16.3	16.3	15.9	16.0	15.4	12.5		21.65	22.10	25.15	28.35	30.61
18	16	6	15.3	14	37	14	67	16.1	16.1	16.0	16.3	16.2	11.7		23.15	23.80	23.90	25.30	32.29
19	16	2	16.0	23	40	23	33	16.1	16.0	16.0	16.0	14.2	10.5		23.10	24.20	25.40	25.85	33.41
20	27	5	14.5	25	30	32	23	16.2	16.2	16.0	16.0	14.2	10.2		24.15	24.15	25.10	27.20	32.55
21	29	6	13.8	02	20	05	27	15.7	15.7	15.7	15.1	14.6	9.8		25.63	26.08	29.57	30.62	32.16
22	27	5	13.2	34	30	32	50	15.1	15.4	15.7	15.3	14.8	10.3		26.40	29.45	30.05	31.10	33.27
23	20	6	13.8	00	0	25	13	15.2	15.1	14.8	14.8	14.8	10.3		26.95	30.90	32.75	32.90	33.51
24	20	6	15.5	23	30	14	23	15.0	15.0	14.9	15.0	14.8	13.9		25.30	30.30	31.60	32.90	33.85
25	23	5	14.5	00	0	00	0	14.8	14.8	14.7	14.7	14.7	13.5		30.70	30.70	31.95	32.40	33.55
26	20	5	14.8	18	33	42	42	14.9	15.0	14.7	14.8	14.7	13.6		29.70	30.20	31.80	32.60	33.63
27	23	3	17.0	00	0	20	10	15.2	15.1	14.9	14.7	14.8	14.1		29.85	30.75	31.45	32.77	33.41
28	27	4	14.7	16	42	18	27	15.3	15.3	15.1	15.1	14.8	13.7		28.75	28.70	28.85	30.50	33.69
29	16	4	13.0	20	45	23	28	15.3	15.3	15.2	15.1	14.7	14.0		26.50	27.60	28.45	30.60	33.28
30	29	2	12.5	34	33	48	15.0	15.0	15.0	15.0	14.6	14.2	13.7		26.80	26.65	28.60	31.35	33.79
31	34	6	14.6	27	20	27	25	14.9	14.9	14.8	14.8	14.6	13.6		27.30	27.95	32.25	32.45	33.68
M	4	15.1						15.9	15.8	15.4	15.3	14.9	14.0		25.04	26.49	28.65	30.14	33.04

# VINGA

57°34' N

September

Observator: N. PEHRSSON, E. STROM

11°36' E

1964

VINGA

September

E S O	Wind Riktn. Dir.	Luft- temp. Riktn. Sytka	Ström från 0 m			Vattnets temperatur i °C						Vattnets salthalt i ‰									
			Riktn. cm sek.	Riktn. cm sek.	Riktn. cm sek.	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	0.9	2	12.5	20	33	2.3	1.3	14.6	14.7	14.6	14.8	14.5	13.3	28.28	29.73	32.67	32.78	32.97	33.26	33.63	
2	2.3	4	11.8	0.0	0	0.0	0	14.7	14.7	14.8	14.7	14.6	12.8	28.25	29.95	32.10	32.40	32.95	33.34	33.64	
3	1.8	3	14.5	18	42	18	33	14.9	14.9	14.7	14.7	14.6	13.8	27.00	27.10	27.75	29.60	32.03	33.09	33.43	
4	1.4	3	15.4	14	42	14	25	15.0	15.0	14.9	14.9	14.6	13.1	25.80	26.50	27.50	28.15	32.02	33.18	33.59	
5	1.4	3	15.5	14	42	14	45	15.4	15.4	15.1	14.9	14.4	12.1	25.30	25.45	26.28	28.05	32.04	33.40	33.67	
6	1.4	3	13.3	20	17	20	25	15.3	15.3	15.2	14.8	14.9	13.0	24.45	24.55	26.10	27.70	29.01	32.62	33.61	
7	2.9	2	15.0	25	20	25	25	15.6	15.5	15.3	15.2	15.0	14.4	13.2	23.05	23.60	24.70	26.40	27.67	32.10	33.52
8	2.3	6	13.3	25	42	25	45	15.2	15.2	15.2	15.0	14.5	13.5	23.30	23.30	24.20	24.20	27.05	28.25	32.65	33.77
9	3.2	4	11.7	0.0	0	32	13	14.9	14.9	15.0	14.9	14.5	13.6	25.75	26.15	27.15	30.50	32.27	33.13	33.78	
10	0.5	2	11.5	11	27	34	25	14.4	14.4	14.7	14.6	14.4	13.5	25.05	26.75	29.90	31.65	32.75	33.40	33.71	
11	0.9	1	11.6	0.0	0	34	17	14.0	14.0	14.4	14.6	14.4	13.2	26.06	28.65	29.75	31.31	32.26	32.87	33.63	
12	3.2	5	11.5	0.9	15	14	10	14.4	14.4	14.5	14.7	14.2	13.7	25.40	25.50	29.05	30.10	32.55	33.26	33.72	
13	3.2	4	10.8	16	30	16	33	13.7	14.3	14.4	14.5	14.1	13.3	25.80	30.55	32.00	32.20	33.04	33.51	33.77	
14	2.0	7	13.0	18	25	18	27	13.6	13.6	14.3	14.2	14.3	14.1	13.2	27.25	27.45	31.00	31.95	33.10	33.43	33.48
15	2.0	4	15.0	16	25	14	30	14.0	14.0	14.0	14.0	14.3	14.0	14.1	27.55	27.55	27.55	29.15	30.68	32.70	33.39
16	2.5	5	13.3	20	23	18	37	13.7	13.8	13.9	13.9	13.9	14.2	14.0	26.15	26.30	26.55	26.70	29.44	32.44	33.35
17	2.3	8	13.0	18	45	14	83	13.9	13.9	13.9	13.9	14.1	13.3	27.65	27.75	27.85	28.42	32.97	33.58		
18	2.5	6	11.0	23	20	18	33	13.8	13.8	13.8	13.8	14.0	14.0	12.8	25.80	25.80	26.80	26.10	30.09	33.20	33.77
19	2.3	2	11.6	23	10	29	13	13.7	13.9	13.8	14.0	14.0	13.7	12.4	25.15	25.95	26.30	30.25	31.86	33.28	33.92
20	2.7	5	10.5	18	35	16	47	13.6	13.6	13.8	14.0	13.9	13.5	12.5	24.75	24.75	26.25	30.40	31.97	33.38	33.86
21	2.5	3	9.1	20	17	20	30	13.2	13.2	13.8	13.8	13.6	13.5	13.2	25.75	25.82	29.86	32.68	33.18	33.55	33.65
22	3.6	2	9.7	16	25	16	33	13.1	13.2	13.6	13.8	13.6	13.2	12.9	25.65	25.60	29.45	32.10	33.01	33.58	33.67
23	2.3	7	13.1	16	53	14	67	13.2	13.2	13.0	13.0	13.8	13.5	13.2	26.15	26.30	28.45	30.60	32.47	33.24	33.48
24	2.3	2	10.1	14	67	14	20	13.3	13.3	13.5	13.5	13.8	13.7	13.1	24.00	25.75	29.75	31.80	32.76	33.19	33.63
25	1.6	5	13.2	18	42	18	71	13.0	13.0	13.3	13.3	13.6	13.8	13.7	29.10	29.15	29.65	30.45	31.87	32.50	32.93
26	2.5	1	13.0	16	17	16	20	13.2	13.2	13.5	13.6	13.6	13.6	12.9	27.65	28.20	29.10	29.80	31.22	32.04	32.77
27	1.8	2	13.7	18	71	18	42	13.0	13.0	13.3	13.4	13.6	13.6	13.5	24.50	27.15	28.35	28.90	30.25	31.65	32.82
28	2.7	6	12.5	0.0	0	20	10	13.2	13.2	13.2	13.4	13.5	13.7	13.4	26.65	26.70	27.35	28.70	30.24	32.40	33.24
29	2.3	7	12.5	23	25	20	33	13.1	13.1	13.1	13.4	13.3	13.5	13.3	27.30	27.35	27.30	29.20	31.09	31.55	33.40
30	3.4	6	11.0	11	33	14	37	12.9	12.9	13.5	13.5	13.5	13.5	13.5	26.20	26.30	32.25	32.40	32.89	33.05	33.31
31																					
M	4	12.5						14.0	14.1	14.2	14.2	14.0	13.3		26.02	26.72	28.46	29.92	31.48	32.93	33.52

# VINGA

Oktober

57°34' N 11°36' E

Observatör: B.H. NILSSON, N. PEHRSSON, E. STRÖM, K. KARLSSON

1964

# VINGA

Oktober

57°34' N

N

E D	Wind Riktn. Dir.	Luft- temp. Riktn. cm/sek.	Ström från 0 m Riktn. cm/sek.	Vattnets temperatur i °C								Vattnets salthalt i ‰								Vattnets salthalt i ‰																				
				0 m				5 m				10 m				15 m				20 m				30 m				40 m												
				0 m	5 m	10 m	15 m	0 m	5 m	10 m	15 m	0 m	5 m	10 m	15 m	0 m	5 m	10 m	15 m	0 m	5 m	10 m	15 m	0 m	5 m	10 m	15 m	0 m	5 m	10 m	15 m									
1	23	5	10.8	25	18	20	28	12.5	13.2	13.4	13.5	13.6	13.6	13.5	13.5	13.4	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3				
2	29	5	12.6	07	33	11	29	12.3	12.4	13.1	13.6	13.5	13.5	13.5	13.5	13.5	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4				
3	07	5	9.0	16	48	16	53	12.4	12.4	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2				
4	25	2	10.6	23	12	00	0	12.3	12.3	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8				
5	20	2	10.2	16	36	16	51	12.1	12.1	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7				
6	16	2	9.8	16	38	16	54	12.4	12.4	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6				
7	20	6	12.5	23	17	25	27	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5				
8	20	4	12.0	18	13	32	25	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5				
9	14	4	10.2	36	11	34	22	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5				
10	27	3	9.6	27	42	29	54	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7				
11	14	3	8.7	25	30	25	23	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1				
12	16	4	8.6	16	70	27	43	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0				
13	07	5	8.5	23	20	23	40	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1				
14	20	4	9.8	27	25	29	8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8				
15	23	3	10.2	29	21	34	30	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7				
16	09	5	7.5	29	8	29	8	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5				
17	02	4	8.0	00	0	00	0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3				
18	36	5	8.1	00	0	07	13	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6				
19	23	3	9.0	00	0	18	20	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1				
20	23	6	9.9	25	13	25	25	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5				
21	23	4	10.8	25	23	25	10	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8				
22	18	4	10.0	25	20	32	8	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7				
23	18	8	9.0	20	17	23	30	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7				
24	23	7	8.0	00	0	32	12	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6				
25	32	6	7.0	05	63	09	42	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2				
26	05	2	5.0	00	0	36	17	9.5	9.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5				
27	23	3	8.0	27	23	14	18	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12					
28	11	3	4.6	16	42	18	35	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0		
29	14	3	5.2	14	33	16	32	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1		
30	14	3	6.0	14	43	14	43	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9		
31	14	4	4.6	16	33	18	18	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
M	4	8.8						11.1	11.3	11.6	11.8	12.3	12.7																											

November

Observeratör: N. PEHRSSON, E. STRÖM, K. KARLSSON

1964

D	E	Wind	Luft- temp.	Ström från 0 m			Ström från 30 m			Vattnets temperatur i °C						Vattnets salthalt i ‰						
				Riktn. Syrka	Riktn. cm sek.	Riktn. cm sek.	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	16	5	7.0	18	37	00	0	8.9	8.9	9.0	10.3	10.5	12.1	11.4	20.92	20.92	21.09	23.30	25.49	33.23	34.25	
2	25	2	8.3	00	0	00	0	8.9	8.9	8.9	10.0	10.6	11.8	10.8	20.80	20.90	20.90	21.75	25.67	33.55	34.42	
3	00	0	6.0	29	22	29	22	8.6	8.6	9.0	9.5	10.8	11.6	10.4	20.69	20.83	21.80	22.57	27.43	33.96	34.58	
4	27	3	6.6	29	28	36	13	8.7	8.7	9.0	10.3	11.8	11.7	10.2	21.17	21.20	21.20	24.05	32.00	33.97	34.75	
5	32	2	6.0	11	16	05	17	8.0	8.6	9.2	10.8	11.9	11.4	10.8	19.85	20.90	22.36	25.75	32.91	34.14	34.39	
6	23	6	8.0	29	23	29	28	8.0	8.0	8.1	11.6	11.2	11.2	10.9	20.90	21.00	21.00	21.00	31.33	33.31	34.11	34.39
7	05	3	3.5	00	0	34	20	7.8	8.0	11.0	11.1	11.4	11.1	11.0	20.55	20.59	26.25	31.58	33.30	34.06	34.63	
8	29	5	8.2	05	12	32	23	7.9	8.0	11.2	11.4	11.5	11.5	10.9	21.05	21.25	30.65	32.90	33.78	34.25	34.50	
9	23	4	7.6	36	22	00	0	8.0	8.0	11.3	11.3	11.2	11.3	11.6	21.30	21.60	31.00	32.55	33.66	34.08	34.49	
10	23	5	5.5	18	12	16	18	7.6	9.0	10.9	11.6	11.6	11.5	11.3	21.50	25.80	27.60	31.60	33.47	33.97	34.15	
11	25	3	7.4	20	33	25	17	8.9	9.2	9.3	10.2	10.8	11.5	11.0	26.52	29.11	29.74	30.99	32.10	34.24	34.59	
12	18	4	5.2	14	25	11	30	8.1	8.3	9.3	10.6	10.8	11.3	11.1	25.20	25.95	27.95	27.90	31.85	34.34		
13	27	5	8.0	36	10	32	27	7.7	7.7	7.8	9.0	11.4	11.4	10.8	23.20	23.30	23.30	25.70	32.60	33.80	34.62	
14	20	8	8.2	18	25	34	10	8.0	8.1	8.1	8.2	8.8	11.3	10.6	24.15	24.35	24.40	24.75	25.67	33.90	34.69	
15	23	7	8.1	23	40	25	33	9.2	9.2	9.1	9.1	10.7	10.5	10.5	27.85	27.95	28.00	28.05	28.36	31.26	34.54	
16	25	7	7.5	23	17	20	25	8.8	8.9	8.9	9.2	9.7	10.2	10.3	28.05	28.20	29.80	30.50	31.64	34.07	34.33	
17	34	5	6.1	14	37	16	17	8.0	8.2	8.4	8.5	9.2	9.3	9.5	25.30	25.60	30.60	31.35	33.58	33.68		
18	32	8	5.0	07	20	27	17	8.6	8.6	8.8	9.1	9.1	9.3	9.5	30.40	30.50	31.05	32.40	33.50	33.61		
19	23	3	6.4	23	30	23	17	8.3	8.5	8.9	9.0	8.9	8.9	9.2	30.75	30.85	31.45	31.90	32.48	32.94	33.21	
20	07	2	4.5	34	42	34	45	8.3	8.6	9.1	9.2	9.3	10.4	10.4	30.80	31.00	32.30	32.30	33.16	33.30	33.78	
21	32	7	9.0	34	42	50	50	8.7	8.7	8.7	9.0	9.2	9.4	10.3	31.78	31.81	31.86	32.41	33.01	33.28	33.72	
22	16	4	3.6	18	17	00	0	7.9	8.1	8.8	9.2	9.2	9.3	9.9	30.30	30.65	31.95	32.30	33.03	33.23	33.55	
23	27	6	2.5	07	17	23	10	8.4	8.5	9.0	9.4	9.5	10.0	9.9	31.05	31.05	31.70	32.10	32.85	33.33	33.37	
24	29	2	9.0	32	30	00	0	8.3	8.4	8.5	8.6	8.6	9.1	9.5	31.15	31.25	31.25	31.45	32.14	32.53	32.91	
25	29	9	8.0	32	37	42	42	8.5	8.5	8.5	8.5	8.6	9.7	10.1	31.35	31.40	31.55	31.60	31.88	33.12	33.56	
26	32	7	7.7	27	25	27	27	9.0	8.5	8.5	8.5	8.5	8.6	9.2	31.75	31.85	31.85	31.90	32.20	32.22	32.71	
27	27	7	8.1	27	27	13	13	8.3	8.4	8.4	8.4	8.4	8.9	9.3	31.45	31.50	31.55	31.65	32.04	32.34	32.85	
28	23	4	5.0	18	30	23	27	8.2	8.2	8.4	8.3	8.4	8.6	8.8	31.45	31.65	31.75	31.85	32.16	32.22	32.45	
29	29	3	3.2	14	13	16	25	7.9	8.2	8.2	8.2	8.2	8.6	8.9	31.40	31.55	31.70	31.80	32.01	32.25	32.39	
30	14	4	3.2	14	14	53	14	8.1	8.1	8.5	9.0	9.0	9.0	8.9	31.25	31.30	31.35	31.80	32.19	32.20	32.22	
31																						
M	5	6.6						8.3	8.5	9.0	9.6	9.9	10.3	10.2	26.46	26.87	28.30	29.74	31.62	33.37	33.84	

# VINGA

December

57° 34' N 11° 36' E

December

Observatör: N. PEHRSSON, E. STRÖM, K. KARLSSON

1964

# VINGA

1964

57° 34' N

11° 36' E

Egn dag	Wind Rikt. Stryk.	Luft. temp. Rikt. cm/sek.	Ström från 0 m Rikt. cm/sek.	Vatten temperatur i °C						Vatten salthalt i ‰								
				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	14	5	1.6	18	50	18	47	7.7	7.8	8.1	8.2	8.3	8.6	8.6	29.52	29.58	30.37	30.84
2	16	4	1.6	16	71	16	71	7.2	7.7	8.4	8.2	8.4	8.6	8.6	27.85	28.15	29.00	29.85
3	23	8	4.4	16	71	16	83	7.0	7.1	7.4	7.4	7.7	8.0	8.0	26.40	26.60	26.80	27.15
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12	20	2	5.9	16	71	16	53	5.9	6.3	7.4	7.4	7.5	8.0	8.0	21.84	24.42	30.44	31.33
13	14	2	5.5	14	42	14	25	6.2	6.8	7.2	7.3	7.3	8.0	8.0	22.70	26.20	29.30	30.15
14	27	5	5.0	23	22	20	17	6.2	7.1	7.3	7.3	7.4	7.6	7.6	23.05	27.30	29.35	30.00
15	23	4	4.5	18	71	18	50	5.8	7.2	7.1	7.1	7.3	7.5	7.5	23.45	28.20	31.25	31.70
16	25	4	5.2	14	37	18	33	5.8	7.3	7.3	7.3	7.3	7.3	7.3	23.55	28.95	30.40	31.60
17	09	4	1.0	14	80	14	71	5.7	6.1	6.8	6.9	7.5	7.5	7.5	25.85	26.70	29.65	30.15
18	05	3	1.5	14	67	14	35	4.8	6.4	6.9	7.1	7.3	7.4	7.5	19.75	24.35	27.90	29.25
19	36	3	-0.7	16	22	16	17	4.8	5.3	7.0	7.1	7.0	7.3	7.4	20.40	21.25	28.70	29.35
20	00	0	4.5	07	15	18	13	4.4	6.0	7.1	7.4	7.4	7.6	7.6	20.60	23.25	28.85	29.45
21	02	5	0.3	16	18	00	0	4.2	4.5	7.5	7.3	7.3	7.5	7.5	20.92	21.67	29.33	30.02
22	27	5	3.3	00	0	00	0	4.2	4.4	7.4	7.3	7.0	7.3	7.7	22.90	23.15	28.35	28.80
23	25	4	5.2	32	15	00	0	5.1	5.1	5.5	7.3	7.5	7.5	7.5	26.55	26.70	26.90	28.45
24	25	6	4.0	27	20	00	0	4.9	4.9	5.5	6.4	7.4	7.4	7.9	25.50	25.30	25.75	26.90
25	32	4	2.7	23	13	00	0	5.2	5.2	5.8	6.0	7.2	7.5	7.7	25.35	25.35	26.35	27.40
26	05	3	-2.7	16	23	00	0	3.8	5.1	6.0	5.9	6.3	7.4	8.7	23.80	25.20	27.15	27.60
27	25	4	1.0	14	22	18	20	3.6	3.7	5.7	7.0	6.7	6.6	8.2	23.65	23.60	26.40	27.75
28	11	3	-1.8	16	19	16	19	2.8	3.2	5.0	6.1	7.4	7.5	8.1	24.15	25.00	26.00	27.55
29	14	2	-4.2	20	20	09	12	1.8	4.5	4.0	4.7	7.3	8.0	8.7	19.38	23.85	24.90	26.20
30	18	10	-0.3	0	0	0	14	3.6	3.7	4.2	4.4	5.1	5.8	8.4	22.30	22.70	23.50	24.20
31	20	7	4.0	22				(5.0)	(5.7)	(6.6)	(6.9)	(7.2)	(7.4)	(7.9)	(23.6)	(25.30)	(28.03)	(28.85)

# BORNÖ

58° 22' 51" N

11° 35' 03" E

Januari

1964

Observatör: OSKAR ÅKERMO

**BORNÖ**

Januari

E D	Wind Riktn. Dir.	Luft- temp. Syrka	Ström från m	Vattenets temperatur i °C										Vattenets saltinhalt i ‰							
				Riktn. cm/sek.	Riktn. cm/sak.	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		0,7	1,9	2,1	2,3	6,6	9,7	9,5	9,5	9,5	9,5	2,31	24,54	24,90	25,00	28,60	33,13	33,41	33,99
2	-3,0			0,6	1,8	2,1	4,3	7,5	8,7	9,4	9,5	9,5	9,5	25,10	25,55	26,80	32,20	33,45	33,70	33,80	
3	3,0			0,4	2,2	2,3	3,6	7,0	8,3	9,1	9,7	9,7	9,7	24,90	25,90	30,90	32,15	32,65	33,55		
4	3,0			1,2	2,1	2,2	2,4	2,9	7,1	7,8	9,8	9,8	9,8	24,40	24,95	25,45	25,65	30,60	31,80	33,50	
5				0,9	2,3	2,7	6,9	7,8	8,6	9,2	9,5	9,5	9,5	24,90	25,45	31,35	32,30	32,95	33,60	33,75	
6	0,5			1,5	2,6	4,1	7,8	7,5	9,0	9,4	9,5	9,5	9,5	12,75	25,20	26,55	32,10	32,50	33,35	33,65	33,75
7	0,0			1,8	3,0	3,0	4,1	7,3	8,8	9,0	9,4	9,4	9,4	15,10	25,10	25,40	27,10	31,45	32,80	33,00	33,75
8	-4,0			1,6	2,6	3,0	3,8	6,0	8,3	8,8	9,1	9,1	9,1	14,60	25,40	25,40	26,25	30,05	32,25	32,75	33,45
9	-2,0			1,1	2,5	3,0	3,5	4,2	6,8	8,5	9,2	10,55	24,90	25,45	26,15	27,30	30,75	32,45	33,80		
10	0,0			1,0	2,2	2,4	3,7	3,7	6,5	8,5	9,1	9,1	9,1	9,36	24,29	24,79	25,54	26,38	30,21	32,53	33,46
11	1,0			0,7	2,2	2,4	2,5	3,3	7,2	8,7	9,1	9,1	9,1	24,45	24,60	25,05	25,85	31,00	32,80	33,65	
12				0,6	1,7	2,3	2,7	6,6	8,2	8,6	9,0	9,0	9,0	10,10	24,55	24,60	25,10	30,85	32,45	33,00	33,65
13	-1,0			0,4	2,2	2,5	6,5	8,5	8,7	9,2	9,2	9,2	9,2	10,40	24,20	24,90	30,65	32,55	33,10	33,35	33,75
14	-4,0			0,7	2,4	3,0	3,0	7,5	8,8	8,8	8,5	8,5	8,5	11,80	24,45	25,30	31,85	32,95	33,40	33,65	34,00
15	-5,0			0,4	2,4	5,3	7,5	8,6	9,1	9,1	9,1	9,1	9,1	11,00	24,90	25,45	31,85	32,85	33,60	33,70	33,95
16	-2,0			0,2	2,1	3,2	5,6	7,3	8,7	8,7	9,2	9,2	9,2	9,65	24,50	25,65	29,85	31,40	32,80	33,40	34,00
17	-3,8			0,7	2,3	2,6	3,4	4,2	6,8	8,8	9,2	9,2	9,2	10,00	24,60	25,75	26,60	28,15	30,85	32,90	33,90
18	-5,5			0,2	2,1	2,6	3,4	4,2	6,8	8,8	9,2	9,2	9,2	10,12	24,55	24,68	25,48	26,01	26,95	30,22	33,24
19				0,7	2,3	2,6	3,4	4,2	6,8	8,8	9,2	9,2	9,2	10,18	24,60	25,15	25,60	26,60	32,15	34,00	
20	1,0			0,6	1,5	1,7	2,1	2,4	3,3	6,0	9,1	9,1	9,1	10,18	24,60	25,30	30,10	33,50	33,85	34,00	
21	4,0			0,7	1,8	1,8	2,6	2,3	3,0	8,1	8,9	8,9	8,9	10,40	24,20	24,90	30,65	32,55	33,10	33,35	33,75
22	4,0			0,6	1,6	1,8	1,8	2,4	8,4	8,2	8,6	8,6	8,6	11,80	24,45	25,30	31,85	32,95	33,40	33,65	34,00
23	2,5			0,9	1,6	1,6	1,7	2,0	2,8	8,0	8,4	8,0	8,0	11,00	24,90	25,45	31,85	32,85	33,60	33,70	33,95
24	1,5			1,0	1,6	1,7	2,0	2,8	8,0	8,4	8,0	8,0	8,0	12,20	24,60	25,65	32,30	32,95	33,55	34,00	
25	2,5			-0,1	1,2	8,3	8,1	7,7	7,2	6,3	6,4	6,3	6,3	12,20	24,60	25,65	33,00	33,55	33,80	33,85	
26	-11,0			0,2	2,2	8,4	8,0	7,2	6,4	6,4	6,4	6,4	6,4	12,20	24,60	25,65	33,65	33,90	34,00	34,00	
27	-1,5			0,5	2,2	7,0	7,4	6,4	6,4	6,4	6,4	6,4	6,4	12,20	24,60	25,65	33,65	33,90	34,00	34,20	
28	1,8			0,4	2,2	4,9	5,6	7,2	7,9	7,5	6,7	6,7	6,7	12,20	24,60	25,65	33,80	34,05	34,00	34,20	
29	4,5			0,2	2,7	4,9	6,1	5,7	8,2	8,4	7,7	7,7	7,7	12,20	24,60	25,65	33,85	33,90	34,00	34,20	
30	2,8			0,7	2,1	3,3	4,8	6,2	7,7	8,3	8,7	8,7	8,7	12,20	24,60	25,65	33,80	33,85	33,85	33,85	
31				0,2										12,20	24,60	25,65	33,80	33,85	33,85	33,85	
M				0,2										12,20	24,60	25,65	33,80	33,85	33,85	33,85	

# BORNÖ

58° 22' 51" N

Februari

11° 35' 03" E

Observatör: OSKAR ÅKERMO

1964

# BORNÖ

Februari

1964

E n g d a	Wind Rikt. Styrka	Luft- temp. Riktin. cm/sek.	Ström från m Riktin. cm/sek.	Vattnets temperatur i °C										Vattnets salthalt i ‰						
				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	1.0			0.2	2.1	3.9	4.0	4.8	5.8	6.4	8.3	3.58	24.34	29.89	31.15	31.88	32.26	32.62	33.42	
2	4.5			0.2	3.6	3.7	4.3	4.5	6.5	6.8	8.40	28.45	31.20	31.55	31.80	32.80	34.05			
3	3.0			1.2	2.9	3.5	3.7	4.0	4.0	5.3	7.7	12.75	26.25	27.85	30.00	30.75	31.15	31.95	33.60	
4	1.0			1.3	3.0	3.3	3.5	3.8	3.9	7.6	28.65	29.50	29.85	30.35	31.35	33.45				
5	-3.5			2.2	3.2	3.5	4.0	3.3	6.3	6.7	7.1	15.65	28.95	29.50	30.35	31.40	33.40			
6	1.7			3.2	3.5	3.8	5.9	6.0	6.6	6.8	7.2	21.05	29.45	30.05	32.40	33.20	33.40	33.85		
7	5.0			3.3	3.5	4.4	6.2	6.6	6.6	6.2	6.6	22.25	29.50	30.80	32.95	33.45	33.75	33.90		
8																				
9																				
10	3.5			2.1	3.4	4.6	6.3	6.5	6.3	6.4	5.5	18.85	29.50	31.25	33.60	33.80	33.90	33.90		
11	0.0			2.2	3.5	4.7	6.4	6.2	6.3	6.4	5.7	17.73	29.64	30.91	32.93	33.52	33.58	33.81		
12	-7.0			1.5	3.7	5.9	6.3	5.8	6.1	6.3	6.3	18.90	30.50	32.45	33.45	33.70	33.75	33.95		
13	-7.8			1.6	5.5	6.4	6.3	6.2	6.4	6.5	5.9	31.55	32.25	33.25	33.55	33.65	33.80	33.90		
14	-4.0			1.7	5.5	6.4	6.2	6.3	6.2	6.4	6.4	18.90	31.95	33.05	33.55	33.75	34.05	34.05		
15	0.0			1.8	5.5	6.4	6.3	6.3	6.3	6.3	6.3	19.55	32.50	33.20	33.60	33.75	33.80	33.80		
16	-8.0			1.6	3.2	3.3	5.6	5.6	5.6	5.6	5.6	14.60	30.60	31.50						
17	-7.0			2.5	2.3	2.6	3.6	6.3	6.3	6.3	6.0	20.90	29.85	30.55	32.00	32.70	32.95	33.80		
18	-14.0			1.5	1.9	2.2	3.2	4.4	6.3	6.4	6.0	19.55	30.35	30.70	31.70	32.15	32.90	33.35		
19	-15.0			0.6	1.2	1.3	2.3	3.0	3.0	3.7	5.7	6.1	15.80	30.50	30.65	31.40	31.95	32.90	33.65	
20	7.0			-0.4	0.8	1.1	1.5	2.6	2.8	2.8	6.3	27.15	29.05	29.60	30.50	30.80	31.20	31.45		
21	-1.0			0.4	0.5	0.7	0.8	1.0	1.3	1.6	6.2	26.46	27.89	28.12	28.61	29.51	30.17	30.54		
22	-1.2			0.4	0.5	0.5	0.6	0.5	0.7	1.4	4.7	27.20	27.35	27.45	27.70	28.20	28.80	30.25		
23				-0.4	0.2	0.5	0.5	0.6	0.5	0.6	0.6	2.2	26.20	26.45	26.65	26.85	27.20	27.65	28.40	
24	-5.0			-1.0	0.2	0.3	0.7	0.7	0.6	0.6	0.7	25.30	26.20	26.45	26.80	27.00	27.45	28.45		
25	-2.0			-0.3	0.2	0.2	0.5	0.5	0.5	0.6	3.1	24.45	25.95	26.35	26.65	27.15	27.80	31.10		
26	-0.4			0.0	0.2	0.3	0.4	0.5	0.5	0.6	4.6	24.80	25.75	26.10	26.60	26.70	27.00	28.20		
27	1.0			0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	25.00	25.05	25.40	26.25	26.50	26.70	27.15		
28	0.8			0.2	0.3	0.2	0.3	0.3	0.3	0.5	1.1	22.95	24.45	24.90	25.65	26.15	26.70	29.15		
29																				
30																				
31																				
M	-2.4																			

# BORNÖ

58° 22' 51" N

11° 35' 03" E

Mars

Observatör: OSKAR AKERMO

1964

E n d a g	Vind	Luft temp. Riktn. Styrka	Ström från m Riktn. cm/sek.	Vätnets temperatur i °C							Vätnets salthalt i ‰								
				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				0.3	0.5	0.5	0.4	0.5	0.6	0.7	4.2	20.34	23.91	24.49	25.14	26.17	27.00	27.90	
2	0.2			0.6	0.8	0.5	0.3	0.3	0.7	1.5	6.0	17.65	23.10	23.85	24.65	25.90	27.45	33.65	
3	0.0			-0.4	0.5	0.3	0.4	0.7	2.1	5.9	6.0	19.95	23.40	24.00	24.90	27.65	30.40	33.15	
4	-4.5			0.3	0.6	0.5	0.3	0.6	4.3	6.0	6.0	19.50	23.30	23.75	25.45	27.60	32.05	33.50	
5	-1.0			1.2	0.7	0.5	0.3	0.3	4.7	6.0	5.9	18.65	23.40	23.80	24.80	25.30	32.45	34.25	
6	-1.2			0.6	0.7	0.9	0.5	0.4	2.3	6.0	6.0	18.15	22.70	23.00	23.85	25.70	30.40	33.55	
7	0.5			0.7	0.9	0.5	0.4	0.4										34.20	
8				0.7	0.7	0.9	0.9	0.5				0.1	19.75	21.40	21.80	22.15	23.50	32.75	33.75
9	-1.0			1.1	0.8	0.7	0.5	0.5				0.1	19.15	21.55	21.90	23.90	31.65	33.85	34.15
10	1.8			1.0	1.0	1.0	0.8	1.1				0.1	19.15	21.55	21.90	23.90	31.65	33.85	34.40
11	-1.2			1.0	1.2	1.2	0.6	4.7				0.1	20.83	21.48	21.55	21.88	30.30	33.48	34.18
12	-1.0			1.7	1.2	1.2	0.6	4.7				0.1	16.65	21.20	21.35	25.10	32.35	34.05	34.65
13	-2.5			1.4	1.2	1.0	0.6	4.2				0.1	13.40	21.10	21.45	24.65	32.20	34.05	34.50
14	-5.0			1.5	1.1	1.1	0.7	1.0				0.1	19.75	21.00	21.35	23.65	27.65	33.20	33.90
15				0.0	0.4	0.8	0.8	0.9	0.7	5.6	6.0	0.1	20.45	21.10	21.30	21.90	23.25	27.35	33.15
16	-8.5			0.7	1.1	0.8	0.9	0.8	1.6	5.8	6.1	0.1	21.15	21.25	21.25	22.00	23.05	29.10	33.50
17	-5.0			0.7	0.8	0.9	0.9	0.7	5.0	6.0	6.1	0.1	20.80	21.25	21.30	22.05	26.40	33.05	34.05
18	-4.0			0.8	0.8	1.0	0.9	1.3	5.8	5.9	6.2	0.1	20.85	21.30	21.55	23.65	28.40	33.55	34.30
19	-3.0			0.1	0.5	0.8	0.9	1.0	5.5	6.1	6.1	0.1	20.75	21.00	21.40	23.65	26.60	33.05	34.00
20	-3.0			0.5	0.6	0.8	1.0	0.7	2.8	5.8	6.2	0.1	21.21	21.33	21.45	22.65	24.56	30.44	33.74
21	-0.9			0.6	0.7	1.0	1.0	1.0	1.0	5.8	6.0	0.1	20.75	21.20	21.40	23.35	26.15	33.50	34.10
22				0.6	0.7	0.9	1.0	0.8	5.8	6.0	6.1	0.1	20.80	21.05	21.70	22.60	33.85	34.40	34.95
23	-0.9			0.5	0.7	0.8	1.1	0.9	6.0	5.9	6.1	0.1	20.80	21.15	21.45	23.25	26.90	33.90	34.40
24	-4.0			0.4	0.9	0.9	1.1	0.9	5.7	6.0	6.1	0.1	21.10	21.15	21.45	22.40	25.65	33.75	34.25
25	-3.8			1.0	1.0	1.0	1.1	0.9	5.9	6.1	6.1	0.1	20.65	21.25	21.45	22.10	24.60	34.15	34.65
26	-1.0			0.2	0.8	1.2	1.0	1.0	1.0	5.8	6.0	0.1	20.60	20.80	21.05	21.70			
27				1.1	1.1	1.2	1.8	1.8	5.9	6.0	6.1	0.1	21.10	21.20	21.45	28.10	34.15	34.50	34.80
28				1.3	1.3	1.2	3.3	3.3	5.8	6.0	6.1	0.1	21.50	21.60	21.80	31.10	34.05	34.75	34.95
29	0.0																		
30	-0.9																		
31	-2.1																		

# BORNÖ

58° 22' 51" N

11° 35' 03" E

April

Observatör: OSKAR ÅKERMO

1964

# BORNÖ

April

1964

11° 35' 03" E

Vattenstånd i %/oo

E D	Vind Riktin. Syrka	Luft- temp. Riktin.	Ström från m cm sek.	Vattenstånd i °C										Vattenstånd i %/oo							
				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, 0	-3, 0		1, 1	1, 2	1, 4	1, 6	5, 6	5, 9	6, 1	6, 1	21, 32	21, 52	22, 01	26, 50	33, 57	34, 50	34, 72	34, 84		
2	-2, 5	0, 0		1, 2	1, 4	1, 5	1, 6	5, 2	5, 9	6, 0	6, 2	21, 15	21, 65	21, 85	25, 45	33, 35	34, 55	34, 90	35, 00		
3	-1, 2			1, 7	1, 6	1, 3	1, 7	5, 8	6, 1	6, 0	6, 2	21, 20	21, 65	21, 75	26, 55	32, 70	34, 65	34, 85	34, 95		
4	-2, 0			2, 1	1, 7	1, 5	1, 7	5, 6	5, 9	5, 9	~	21, 60	21, 75	22, 10	25, 65	33, 65	34, 50	34, 80	34, 85		
5	-2, 0			2, 0	1, 9	1, 9	1, 9	5, 8	6, 0	6, 1	6, 2	21, 20	21, 75	21, 95	26, 40	33, 95	34, 60	34, 80	34, 85		
6	0, 0	2, 4		2, 0	1, 6	1, 5	5, 9	6, 0	6, 0	6, 2	21, 65	22, 10	22, 20	25, 40	34, 10	34, 50	34, 85	34, 95			
7	-2, 5			2, 7	2, 2	1, 6	3, 1	5, 9	6, 1	6, 1	6, 2	20, 55	21, 70	22, 30	29, 50	34, 30	34, 95	35, 00			
8	3, 0			2, 9	2, 5	1, 7	1, 9	5, 8	6, 0	6, 2	6, 3	21, 55	21, 75	22, 15	27, 20	33, 85	34, 70	34, 90	35, 10		
9	4, 0			3, 1	2, 1	3, 0	2, 1	5, 7	6, 0	6, 1	6, 2	21, 70	21, 70	22, 05	28, 80	34, 00	34, 75	34, 95	35, 00		
10	5, 0			3, 4	3, 1	3, 0	1, 5	5, 7	6, 1	6, 2	6, 2	21, 65	21, 66	21, 69	22, 77	33, 80	34, 76	34, 97	34, 97		
11				3, 1	3, 2	3, 0	1, 9	5, 9	6, 2	6, 2	6, 2	21, 55	21, 85	21, 75	21, 90	23, 55	34, 10	34, 55	34, 80		
12	5, 0			3, 5	3, 5	3, 4	4, 9	6, 1	6, 1	6, 1	6, 3	21, 70	21, 65	21, 75	21, 75	33, 00	34, 65	34, 75	35, 00		
13	3, 8			3, 6	3, 6	3, 5	2, 6	5, 9	6, 1	6, 1	6, 3	21, 50	21, 70	21, 70	21, 85	22, 10	34, 00	34, 80	35, 00		
14	4, 8			3, 7	3, 8	3, 7	3, 0	5, 9	6, 1	6, 1	6, 3	21, 55	21, 50	21, 50	21, 60	21, 80	34, 35	34, 65	34, 90		
15	5, 8			4, 7	4, 3	4, 1	3, 7	5, 1	6, 0	6, 1	6, 3	20, 55	21, 60	21, 35	21, 50	33, 20	34, 50	34, 70	34, 95		
16	10, 1			5, 7	5, 7	4, 6	3, 9	5, 1	6, 0	6, 1	6, 2	19, 20	19, 85	20, 80	21, 50	33, 20	34, 50	34, 75	35, 10		
17	10, 8			8, 2	6, 1	5, 2	4, 6	4, 5	4, 1	6, 3	6, 2	16, 80	20, 30	20, 95	21, 50	25, 85	34, 95	34, 60	34, 80		
18				7, 8	6, 4	6, 3	4, 4	5, 0	5, 3	6, 0	6, 2	18, 51	19, 96	20, 20	21, 27	26, 81	33, 35	34, 59	34, 76		
19				8, 5	7, 7	6, 6	4, 2	4, 5	5, 6	6, 0	6, 3	19, 15	19, 55	20, 60	21, 60	30, 75	33, 50	34, 30	34, 85		
20	8, 0			9, 0	8, 1	5, 9	4, 7	5, 2	5, 0	5, 9	6, 3	18, 30	19, 65	20, 80	25, 25	29, 50	32, 60	33, 95	34, 80		
21	7, 0			9, 2	7, 5	5, 4	4, 8	5, 2	5, 3	5, 4	6, 2	16, 50	20, 15	21, 00	24, 55	29, 00	31, 75	33, 30	34, 55		
22	6, 0			7, 1	6, 8	4, 5	5, 1	5, 0	5, 4	5, 8	6, 2	19, 65	20, 10	21, 40	29, 45	31, 85	33, 55	34, 10	34, 95		
23	6, 0			6, 4	6, 3	6, 1	5, 7	5, 3	5, 3	5, 7	6, 2	20, 65	20, 85	21, 10	21, 55	29, 55	32, 70	33, 90	34, 70		
24	5, 0			5, 6	5, 6	5, 6	5, 9	5, 3	5, 1	5, 4	6, 1	21, 05	21, 15	21, 20	21, 50	22, 30	31, 05	33, 55	34, 50		
25	1, 8			6, 5	6, 5	6, 3	6, 1	6, 1	5, 7	5, 7	6, 2	20, 65	20, 85	21, 10	21, 55	29, 55	32, 70	33, 90	34, 70		
26				7, 0	7, 0	6, 9	5, 2	5, 1	5, 5	5, 8	6, 2	20, 75	20, 70	20, 70	21, 15	31, 85	33, 75	34, 00	34, 10		
27				6, 8	6, 8	6, 8	6, 8	6, 7	6, 0	6, 1	5, 3	5, 9	20, 55	20, 55	20, 65	20, 85	29, 70	32, 65	34, 15		
28	8, 0			9, 0	9, 0	7, 5															
29																					
30																					
31																					
M	4, 0																				

# BORNÖ

58° 22' 51" N

11° 35' 03" E

Maj

Observatör: OSKAR ÅKERMO

1964

E Q	Wind Riktin. Stryka	Luft- temp. Riktin. cm sek	Ström från m	Vattnets temperatur i °C							Vattnets salthalt i ‰							
				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		7,0		6,9	7,0	7,0	6,8	6,5	5,4	5,9	6,2	20,59	20,63	20,66	20,69	20,95	32,35	33,96
2	7,0			7,2	7,2	7,3	6,9	5,3	5,5	5,8	6,0	20,55	20,75	20,55	20,65	31,30	33,05	33,95
3				9,0	8,6	7,7	5,8	5,4	5,8	5,7	6,0	13,05	18,25	20,95	32,25	32,40	33,45	33,65
4	7,0			9,2	7,9	7,3	5,7	5,6	5,8	5,8	6,0	12,10	20,10	21,15	31,75	32,50	33,30	34,10
5	8,0			8,4	8,0	7,4	6,2	5,4	5,5	5,7	6,0	10,40	19,30	20,30	30,00	32,00	32,95	34,30
6	8,0			9,6	8,5	7,1	6,4	5,7	5,9	5,8	6,0	16,00	18,15	25,20	30,00	31,95	33,05	33,90
7	10,0			8,6	8,7	8,4	7,9	7,5	5,5	5,7	5,7	19,25	19,75	21,00	23,00	25,40	30,95	32,80
8	9,1																	33,95
9																		
10																		
11	8,2			9,3	9,0	8,8	8,0	8,0	6,7	5,6	5,6	17,30	19,00	20,85	24,50	25,60	28,95	32,60
12	10,2			10,8	9,6	8,9	8,0	6,9	6,2	5,7	5,6	16,10	19,35	20,60	24,80	28,20	31,60	32,40
13	14,2			10,9	9,3	8,9	8,2	7,0	5,7	5,7	5,6	16,15	19,95	21,85	25,10	27,50	31,85	32,70
14	14,2			9,9	10,1	9,0	8,3	7,8	6,1	5,7	5,5	17,25	18,55	21,15	23,60	26,10	30,80	32,10
15	8,5			9,9	10,2	8,9	8,0	7,5	6,1	5,7	5,6	14,30	18,75	21,10	24,80	26,65	31,25	32,30
16	8,8			10,7	9,5	8,8	7,2	6,4	6,4	6,3	5,7	15,35	20,50	21,70	27,50	31,40	32,40	32,75
17																		33,55
18																		
19	11,2			11,7	8,2	6,9	6,3	6,1	5,8	5,7	5,7	16,45	26,35	30,35	31,50	32,10	32,60	32,75
20	10,0			10,8	10,3	8,5	6,9	6,3	6,5	6,1	5,7	19,85	21,95	25,00	31,10	31,60	32,00	32,40
21	11,0			11,3	9,9	9,1	7,3	6,6	6,3	6,0	5,8	20,07	22,97	27,65	31,06	31,65	32,12	32,40
22	11,0			13,5	10,3	10,0	8,5	8,1	6,9	6,6	5,9	17,60	23,20	25,55	28,50	29,95	31,15	31,80
23	11,2			12,7	10,4	9,7	9,2	9,2	7,1	6,6	5,8	18,50	22,75	25,25	27,85	28,85	31,25	31,85
24																		33,00
25	15,0			15,8	10,9	10,3	10,2	9,0	6,9	6,5	6,0	18,70	25,30	26,10	27,00	29,50	31,20	32,30
26	15,0			15,8	11,9	11,4	10,5	9,6	7,7	6,8	6,0	19,35	25,75	25,90	27,10	28,25	30,80	31,70
27	15,0			16,0	14,3	12,1	11,3	10,6	8,4	6,7	6,0	20,45	23,00	25,30	26,30	27,10	29,80	31,60
28	14,1			16,7	15,6	14,0	11,5	10,1	8,3	7,0	6,1	20,55	21,90	23,85	25,80	27,60	30,60	31,80
29	14,5			16,7	16,1	14,3	11,5	9,3	7,3	6,7	6,1	21,25	22,00	23,45	26,10	29,30	31,35	32,10
30	13,0			16,1	15,9	15,8	14,5	11,1	7,9	6,9	6,0	22,20	22,50	23,25	26,85	30,55	31,85	32,55
31																		
M	10,7																	

# BORNÖ

58°22' 51" N

11°35' 03" E

Juni

Observatör: OSKAR ÅKERMO

1964

# BORNÖ

Juni

1964

11°35' 03" E

D	E	Wind	Luft- temp.	Ström från Riktn. cm/sek.					Vattnets temperatur i °C					Vattnets salthalt i ‰				
				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	8.0		15.1	15.6	15.1	10.5	8.6	7.3	6.8	6.0	22.55	22.75	23.05	27.40	30.60	31.75	32.75	33.20
2	8.2		15.1	15.0	12.4	8.4	7.0	6.9	6.5	5.9	22.56	22.64	25.34	30.64	31.87	32.3	32.52	33.46
3	8.2		12.9	12.6	8.1	7.0	6.7	6.4	6.1	5.9	23.50	23.70	30.75	31.70	32.25	32.80	33.05	33.50
4	13.0		11.4	10.7	10.5	9.4	7.2	6.5	6.3	6.0	26.35	27.65	28.10	29.15	31.00	32.05	32.70	33.65
5	12.0		11.4	11.5	11.3	11.1	10.6	9.6	6.8	6.2	27.50	27.85	27.90	27.95	28.30	28.75	31.50	32.95
6			12.7	12.7	12.6	12.0	11.9	7.8	6.6	6.1	26.10	26.20	26.50	26.90	27.35	31.00	32.90	33.80
7	12.3		12.6	12.5	12.6	12.6	12.2	10.7	6.7	6.1	26.55	26.55	26.50	26.65	26.80	27.75	31.90	33.05
8	12.0		13.0	12.9	13.0	13.0	13.1	11.9	6.6	6.2	26.45	26.25	26.30	26.30	26.50	27.00	31.95	33.20
9	12.2		13.4	13.4	13.2	13.0	8.7	6.7	6.7	6.2	25.81	25.95	26.15	26.33	30.14	32.16	32.90	33.92
10	14.0		13.4	13.4	13.3	13.0	7.3	6.6	6.3	6.2	26.10	26.05	26.05	26.25	31.25	32.35	32.70	33.10
11	12.5		13.4	13.7	13.8	13.5	7.1	6.8	6.7	6.2	25.95	25.95	26.15	26.15	31.85	32.25	33.15	33.75
12	14.6		17.2	15.4	14.9	13.6	6.4	7.0	6.6	6.4	21.60	24.50	25.00	25.30	25.75	32.75	33.20	
13	14.2		14.6	14.6	14.5	14.7	14.5	8.5	6.5	24.80	24.80	24.80	24.95	25.00	25.55	30.85	33.25	
14	12.5		14.4	14.4	14.6	14.6	14.7	7.0	6.5	24.25	24.75	24.65	24.80	25.00	25.10	32.75	33.60	
15	11.0		15.2	15.0	14.9	14.8	10.3	7.1	6.5	24.40	24.45	24.45	24.95	24.85	32.60	33.05	33.65	
16	13.0		15.5	15.4	14.9	11.0	8.8	6.8	6.5	21.20	22.70	24.10	24.90	30.10	31.90	33.00	33.50	
17	12.0		14.7	14.7	14.7	11.5	9.7	8.5	6.8	24.05	24.40	24.55	27.55	29.30	31.40	32.15	32.90	
18	12.0		15.3	15.2	15.0	14.8	12.3	9.9	8.9	6.7	22.30	23.74	24.17	24.67	29.07	31.58	32.52	33.01
19	12.0		15.4	15.4	14.8	14.3	12.0	10.1	8.8	7.1	22.25	22.75	24.10	25.10	29.50	31.25	32.30	32.85
20	13.0		15.2	15.0	14.8	14.6	11.5	9.7	8.5	6.8	24.05	24.40	24.55	27.55	29.30	31.40	32.15	32.90
21	12.0		14.7	14.7	14.7	14.7	11.5	9.7	8.5	6.8	24.05	24.40	24.55	27.55	29.30	31.40	32.15	32.90
22	13.0		15.3	15.2	15.0	14.8	12.3	9.9	8.9	6.7	22.30	23.74	24.17	24.67	29.07	31.58	32.52	33.01
23	12.0		15.4	15.4	14.8	14.3	12.0	10.1	8.8	7.1	22.25	22.75	24.10	25.10	29.50	31.25	32.30	32.85
24			15.2	15.0	14.8	14.6	11.9	10.0	9.3	7.5	24.10	23.90	24.15	24.55	29.55	31.55	32.15	32.95
25			15.1	15.0	14.9	14.4	10.2	9.5	8.8	7.8	24.40	24.30	24.45	25.10	31.40	31.90	32.05	32.50
26			15.3	15.2	15.0	14.8	12.5	9.9	9.2	8.3	24.00	24.20	24.25	24.50	27.30	31.45	32.05	32.50
27			15.0	15.0	14.9	14.9	14.8	10.1	9.3	8.5	24.45	24.50	24.75	24.35	24.90	31.35	32.00	32.60
28			14.9	15.0	14.9	14.4	9.9	9.5	9.3	7.6	24.15	24.20	24.50	24.70	31.90	32.45	32.85	32.90
29			11.9	11.8	15.4	15.3	14.4	9.9	9.5	7.6	24.00	24.20	24.50	24.70	31.90	32.45	32.85	32.90
30			12.3	14.3	14.2	13.7	13.1	11.0	9.2	7.5	24.40	24.78	25.45	26.29	28.81	30.86	32.44	33.21
31																		

## BORNÖ

58° 22' 51" N

11° 35' 03" E

Juli

Observatör: OSKAR ÅKERMO

1964

E n d a g	Vind Riktn. Stryka	Luft- temp. Riktn.	Ström från m cm/sek. Riktn. cm/sek.	Vatten temperatur i °C							Vatten salthalt i ‰							
				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		12.5		15.7	15.2	14.9	11.4	11.2	10.5	9.2	8.7	22.77	24.36	25.24	31.30	32.27	32.50	32.68
2		13.0		16.3	15.2	11.8	10.8	10.6	10.3	9.9	8.4	21.60	24.30	30.20	31.60	31.95	32.10	32.60
3		12.0		14.7	14.8	14.7	13.7	11.2	10.6	10.5	8.8	23.20	23.85	24.75	27.05	30.85	31.85	31.95
4		11.0		15.2	15.0	14.9	13.5	11.4	10.7	10.3	7.8	24.40	24.80	25.35	27.95	30.75	32.15	32.80
5																		
6	11.0			15.6	15.1	11.2	11.7	11.2	10.5	9.2	9.2	24.05	24.40	24.90	30.65	31.45	31.90	32.35
7	12.7			15.7	15.8	15.1	13.3	11.6	11.3	10.5	9.7	23.90	24.15	25.65	28.90	31.35	32.00	32.10
8	13.0			15.2	15.1	15.1	13.9	12.3	11.5	10.6	9.4	25.30	25.30	25.95	27.80	30.30	31.55	31.95
9	13.0			15.2	15.2	15.1	14.2	12.5	11.4	10.7	9.0	24.55	24.50	25.20	27.90	29.45	31.45	32.40
10	13.5			15.2	15.1	14.6	14.6	13.8	12.2	11.4	10.0	25.25	25.20	25.15	26.60	28.15	30.35	31.60
11	12.5			15.1	15.0	15.0	14.5	14.0	13.3	11.4	10.6	25.21	25.45	25.16	27.23	28.28	29.93	31.29
12																		
13	13.0			15.3	15.7	15.4	14.4	14.0	13.7	13.0	10.5	21.05	23.05	24.85	27.90	28.75	29.65	30.20
14	13.1			15.7	16.2	15.4	14.4	13.7	13.7	13.0	9.7	16.60	22.95	25.20	28.20	28.60	29.30	30.35
15	13.0			17.2	15.9	15.2	14.5	13.9	13.3	11.4	10.3	15.40	24.20	26.00	27.90	28.95	30.00	31.50
16	16.2			18.1	16.7	16.0	14.7	14.3	13.6	12.1	11.0	19.05	23.25	24.35	27.50	28.20	29.70	31.25
17	15.5			18.4	16.9	16.3	16.0	14.9	14.4	12.6	10.8	18.55	23.35	24.40	25.30	26.80	27.85	30.65
18	14.0			19.0	17.5	16.5	16.1	15.6	14.2	12.3	11.1	17.10	22.90	24.25	24.95	25.70	28.10	31.20
19																		
20	15.3			19.9	17.4	16.7	15.7	14.3	13.1	12.4	11.3	16.90	23.60	24.20	25.65	28.85	30.50	31.30
21	14.3			18.1	17.7	17.1	16.7	16.2	14.8	12.9	11.4	21.51	22.54	23.66	24.42	25.06	26.91	30.66
22	15.0			17.7	17.8	17.2	16.6	16.1	13.0	12.2	11.0	20.45	21.95	23.60	24.45	25.15	30.85	31.40
23	16.0			17.6	17.4	16.6	14.1	13.0	12.7	12.3	11.0	19.70	22.50	24.15	25.05	31.10	31.60	32.00
24	15.0			17.3	16.8	15.1	13.2	12.7	12.4	12.0	11.0	22.45	23.95	26.75	28.50	31.45	31.80	32.10
25	15.0			17.0	16.9	16.5	16.0	13.6	12.7	12.2	11.1	23.75	23.85	24.55	25.30	29.60	31.05	31.70
26																		
27	15.0			16.7	16.7	16.7	16.5	13.5	12.6	11.9	11.1	24.20	24.30	24.65	29.75	31.25	31.85	32.15
28	15.2			16.8	16.7	16.6	16.8	12.9	12.3	11.8	10.6	24.35	24.35	24.45	24.40	31.10	31.50	31.85
29	13.0			16.4	16.4	16.4	16.4	16.5	16.5	13.2	11.5	24.05	24.15	24.25	24.30	24.35	30.50	31.80
30	9.2			16.2	16.3	16.3	16.1	12.6	12.6	11.8	9.9	24.20	24.20	24.25	24.55	30.80	31.75	32.45
31	15.0			16.6	16.5	16.6	16.2	13.2	12.5	11.9	11.0	24.00	24.10	24.15	24.45	31.10	31.75	32.10
M	13.6											16.6	16.2	15.7	14.6	13.5	12.6	10.2

# BORNÖ

Augusti

1964

11° 35' 03" E

# BORNÖ

Observatör: OSKAR ÅKERMO

58° 22' 51" N

Augusti

Egn D Riktn. Dir.	Wind Dir.	Luft- temp. Riktn. cm/sek.	Ström från m Riktn. cm/sek.	Vattnets temperatur i °C										Vattnets salthalt i ‰						
				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	13.5			16.3	16.2	16.2	16.3	12.9	12.5	11.4	24.21	24.21	24.32	24.21	24.21	30.99	31.49	31.89		
2	11.2			16.2	16.7	16.4	13.3	12.4	12.4	11.1	23.35	23.60	23.90	30.90	31.80	32.00	32.10			
3	15.0			16.4	16.4	16.3	13.4	12.3	12.4	11.4	24.10	24.15	24.25	30.60	31.70	31.80	31.95	32.00		
4	12.0			16.8	16.7	16.5	13.0	12.6	12.2	11.9	23.90	23.95	23.90	31.50	31.60	31.85	32.00	32.25		
5	14.0			16.9	16.7	14.1	12.8	12.5	12.3	11.4	23.35	24.00	30.75	31.50	31.85	32.00	32.10	32.25		
6	15.0			16.8	16.4	13.6	12.7	12.6	12.3	11.3	23.85	24.75	27.30	30.75	32.10	32.15				
7	16.0			17.3	13.5	13.1	12.8	12.7	12.7	11.2	22.70	31.10	31.05	31.80	32.10	32.15				
8																				
9																				
10	17.5			18.9	18.8	15.7	13.2	12.8	12.5	12.3	12.1	23.60	23.65	28.80	31.50	31.75	31.95	32.15		
11	16.5			18.6	18.3	17.5	15.2	12.8	12.7	12.1	24.30	25.57	26.30	28.55	29.87	31.57	31.87	32.42		
12	15.0			18.3	18.3	17.7	17.0	16.3	13.1	12.5	12.1	25.65	26.00	26.95	27.90	28.95	31.35	31.70		
13	15.0			17.9	18.0	17.8	16.9	16.2	13.0	12.4	12.2	26.70	26.85	26.95	28.00	29.10	31.40	32.00		
14	11.0			17.1	17.5	17.3	16.8	15.9	14.0	12.4	12.3	27.10	27.10	27.40	28.35	29.40	30.85	31.90		
15	13.5			17.1	17.1	17.1	16.9	16.5	14.6	12.3	25.75	26.05	26.40	27.65	28.20	29.15	30.55	32.05		
16																				
17	14.0			16.8	16.7	16.8	17.0	17.1	16.0	12.9	12.1	22.60	22.55	22.85	23.70	25.30	28.60	31.60		
18	16.2			16.8	16.7	16.9	16.9	16.8	13.6	12.7	12.2	22.60	22.60	22.65	23.60	28.05	30.85	31.55		
19	17.0			16.8	16.9	16.9	17.0	16.7	15.5	12.9	12.0	22.65	22.70	22.65	22.85	26.60	29.40	31.55		
20	15.5			17.1	17.1	17.1	17.1	16.4	13.2	12.8	12.0	22.40	22.70	22.35	23.10	27.95	31.40	31.80		
21	11.5			16.7	16.7	16.8	16.4	13.4	12.7	12.6	11.9	22.66	22.60	23.23	28.02	31.47	31.79	32.11		
22	9.0			16.5	16.5	17.0	12.9	12.7	12.6	12.5	11.4	22.55	22.75	26.50	31.75	31.80	32.05	32.40		
23																				
24	15.5			16.3	16.2	16.3	16.4	13.6	12.5	12.3	11.6	23.55	23.55	23.70	25.00	31.20	31.85	32.20		
25																				
26	14.0			16.2	16.6	16.2	15.9	13.7	12.8	12.4	11.6	23.65	23.65	23.85	25.85	30.95	31.55	32.00		
27	15.0			16.3	16.3	16.3	15.9	14.6	13.3	12.6	11.9	23.85	23.80	23.95	26.05	30.25	31.65	31.95		
28	14.5			16.7	16.7	16.4	15.5	14.5	13.6	12.7	11.3	23.45	23.45	23.90	28.00	30.50	31.40	31.75		
29	14.0			16.6	16.6	16.1	14.9	14.2	12.6	12.1	11.7	23.45	23.65	26.05	29.80	30.85	31.75	32.10		
30																				
31	13.0																			
M	14.1																			

## BORNÖ

58° 22' 51" N

11° 35' 03" E

Observatör: OSKAR ÅKERMO

September

1964

E n d a d	Vind	Luft temp. Riktn. Styrka	Ström från m	Riktn. cm/sek	Riktn. cm/sek	Vatten temperatur i °C							Vatten salthalt i ‰							
						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		11,1				14,7	15,7	15,6	14,7	12,8	12,0	11,6	24,59	25,68	26,80	30,32	31,96	32,37	32,49	
2		12,5				15,1	15,3	15,5	13,8	13,3	12,8	12,4	25,55	25,75	26,75	31,45	32,15	32,30	32,25	
3		12,5				15,1	15,1	15,6	13,6	12,9	12,4	12,3	25,90	26,10	26,40	31,15	32,00	32,25	32,35	
4		8,0				15,1	15,5	15,5	13,3	12,8	12,5	12,3	25,70	25,75	26,00	31,35	32,25	32,40	32,55	
5		11,2				15,5	15,7	15,7	13,5	12,9	12,6	12,2	25,55	25,65	26,75	31,50	32,20	32,30	32,65	
6		15,4				15,5	15,7	15,6	15,2	14,9	14,5	13,1	12,6	24,10	26,65	29,50	30,65	31,50	32,40	32,60
7		14,0				15,5	15,5	15,5	15,3	15,2	14,9	14,9	12,8	27,40	27,50	27,45	28,35	28,70	29,30	29,25
8		9,0				15,0	15,7	15,5	15,4	15,2	14,9	13,2	11,9	25,80	26,30	27,15	27,65	28,35	29,40	31,35
9		5,3				14,4	15,2	15,4	15,2	15,1	13,6	13,1	12,0	25,95	26,50	26,90	27,80	28,60	31,15	32,10
10		13,0				14,5	14,5	15,2	15,0	14,0	13,6	13,3	12,3	26,53	26,81	27,35	28,64	30,67	31,89	32,53
11		4,2				13,1	14,6	14,1	13,9	13,4	13,1	12,8	12,1	26,80	27,10	30,65	31,75	32,10	32,40	32,65
12		11,0				14,0	14,0	14,3	14,1	13,6	13,1	12,8	12,3	28,80	28,90	29,45	30,50	31,70	32,25	32,35
13		14,0				14,0	14,0	14,1	14,1	14,0	13,3	12,5	11,8	29,10	29,20	29,45	31,05	31,70	32,50	32,75
14		12,2				14,0	14,0	14,0	13,9	14,0	13,5	12,7	12,0	28,85	28,80	28,95	30,95	31,75	32,25	32,55
15		11,5				13,9	13,9	13,9	14,0	13,6	12,9	12,4	11,9	28,75	29,00	28,90	30,25	31,25	32,10	32,50
16		11,1				13,4	13,4	13,5	13,9	14,0	13,9	13,9	13,0	28,65	28,65	28,75	29,90	30,40	30,65	31,00
17		13,0				13,7	13,6	13,5	13,7	13,9	13,9	13,9	12,3	28,40	28,55	28,70	29,60	30,25	30,70	30,75
18		12,5				12,5	12,6	12,8	13,6	13,9	13,4	13,0	12,3	28,58	28,56	28,55	29,37	29,94	30,37	31,75
19		12,5				12,6	12,6	12,7	13,0	13,8	13,0	12,6	12,2	28,15	28,15	28,15	29,45	30,25	31,70	32,30
20		12,5				13,4	13,4	13,7	13,7	12,9	12,6	12,3	12,0	29,20	29,30	29,30	29,80	30,85	32,05	32,35
21		8,0				13,1	13,2	13,2	13,3	13,0	13,5	13,1	12,4	28,75	28,80	28,80	29,00	29,90	31,15	32,50
22		6,5				13,0	13,0	13,0	13,3	13,2	13,2	13,0	12,2	28,20	28,10	28,15	28,65	28,80	29,95	32,60
23		14,3				13,3	13,3	13,3	13,3	13,2	13,2	13,0	12,4	27,45	27,30	27,90	28,20	28,45	31,40	32,65
24		12,5				12,9	12,9	12,9	13,1	13,1	13,2	13,0	12,5	27,20	27,10	27,15	27,50	28,10	31,50	32,45
25		10,0				12,7	12,7	12,7	13,0	13,0	13,0	12,7	12,2	28,20	28,10	28,15	28,65	28,80	29,60	32,60
26		14,3				12,7	12,7	12,7	12,7	12,7	12,7	12,4	12,2	27,45	27,30	27,90	28,20	28,45	31,40	32,65
27		11,0				13,0	13,0	13,0	13,0	13,1	13,1	13,0	12,5	27,20	27,10	27,15	27,50	28,10	31,50	32,45
28		13,0				12,7	12,7	12,7	12,7	12,7	12,7	12,4	12,2	28,75	28,80	28,80	29,00	29,90	32,35	32,35
29		9,0				12,7	12,7	12,7	12,7	12,7	12,7	12,4	12,2	26,60	26,60	26,65	27,00	26,90	27,00	32,20
30		11,0				14,0	14,2	14,2	13,9	13,7	13,4	13,0	12,2	27,21	27,46	27,98	29,54	30,20	30,83	31,50
31		11,0				14,0	14,2	14,2	13,9	13,7	13,4	13,0	12,2							

# BORNÖ

Oktober

# BORNÖ

58° 22' 51" N

Oktober

Observatör: OSKAR ÅKERMO

11° 35' 03" E

1964

Egn D	Vind Riktn. Sytka	Luft- temp. Riktn.	Shörm från m Riktn. cm/sek.	Vatten temperatur i °C										Vatten saltinhalt i ‰							
				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	9.5	10.0	12.2	12.2	12.6	12.9	13.2	12.9	12.7	12.5	26.95	26.82	27.22	27.19	30.76	32.53	32.69	32.94			
2	10.0	12.1	12.4	12.5	12.5	12.9	13.1	12.9	12.7	12.5	26.75	26.70	26.75	27.40	30.70	32.00	32.30	32.40			
3	5.4	5.4	12.2	12.3	12.7	12.9	13.0	13.1	13.0	12.4	26.55	26.60	26.80	31.10	32.25	32.40	32.45	32.70			
4	9.0	9.0	12.0	11.9	12.3	12.9	13.0	12.9	12.6	12.5	26.40	26.50	26.70	29.15	31.90	32.40	32.65	32.75			
5	6.0	6.0	11.9	11.9	12.1	12.1	12.3	13.1	12.9	12.6	26.85	26.85	26.95	27.60	28.50	31.80	32.25	32.60			
6	12.0	12.1	12.1	12.2	12.2	12.2	12.3	12.6	12.9	12.7	27.15	27.25	27.35	28.00	28.20	28.55	29.15	32.35			
7	11.5	11.5	12.2	12.2	12.2	12.1	12.1	12.3	13.0	12.7	27.15	27.15	27.15	27.75	27.75	27.85	28.30	32.35			
8	8.5	8.5	12.0	12.1	12.1	12.0	12.0	12.1	12.2	12.9	27.20	27.35	27.30	27.50	27.50	27.50	28.00	32.35			
9	9.0	11.4	11.9	12.0	12.0	12.1	12.1	12.3	12.3	12.0	24.45	26.85	27.20	27.40	27.90	27.90	28.55	32.70			
10																					
11	10.5	11.2	11.6	11.9	12.1	12.1	12.2	12.8	12.8	12.8	18.21	25.23	26.02	27.33	27.65	28.31	31.07	32.57			
12	8.0	9.0	11.5	11.8	11.9	12.2	12.2	12.7	12.7	12.7	15.70	26.55	26.70	27.55	28.20	31.70	32.40	32.80			
13	10.0	11.6	11.6	11.9	12.0	12.6	12.6	12.7	12.7	12.7	18.20	24.95	26.95	27.65	31.05	32.25	32.55	32.90			
14	9.0	10.5	11.0	11.0	11.7	11.6	12.0	12.1	12.1	12.8	23.95	24.60	25.55	26.40	27.50	27.85	32.20	32.65			
15	6.0	8.7	10.9	11.3	11.6	12.0	12.6	12.7	12.6	12.7	9.80	24.55	25.20	26.60	27.55	30.75	31.85	32.80			
16	7.0	10.6	10.9	11.4	11.9	12.7	12.6	12.6	12.6	12.6	22.55	24.05	25.55	27.00	31.70	32.80	32.85	33.10			
17	7.0	8.3	11.3	12.0	12.7	12.6	12.5	12.3	10.70	25.60	27.00	31.90	32.60	32.90	32.95	33.15					
18	10.6	10.9	11.1	11.8	12.1	12.6	12.7	12.6	23.65	24.45	25.85	27.15	27.95	30.05	32.30						
19	10.0	10.2	10.7	10.9	11.2	11.3	11.6	12.1	12.7	17.19	23.67	25.33	26.54	27.25	27.47	28.42	32.76				
20	7.5	8.8	10.2	10.7	11.1	11.3	11.7	12.6	12.2	11.45	25.05	26.65	27.05	27.75	28.20	33.25					
21	7.0	9.7	10.4	10.8	11.0	11.1	11.4	12.7	12.5	20.15	22.80	25.30	26.45	27.00	27.60	32.25	32.90				
22	7.2	8.3	9.8	10.1	10.6	11.0	11.0	12.3	12.4	11.80	23.25	24.65	25.80	26.55	27.10	30.65	32.85				
23	5.6	5.6	9.2	10.4	10.5	11.4	12.6	12.2	12.1	12.1	10.85	23.10	25.05	24.45	25.50	32.50	32.80	32.95			
24	5.0	2.6	9.5	10.0	10.8	11.6	12.5	12.3	12.1	12.1	5.60	24.05	24.45	25.50	26.05	27.85	32.40	33.10			
25	-0.5	5.8	9.4	10.1	10.8	11.6	12.5	12.3	12.1	12.1	7.13	23.80	24.95	25.35	26.40	32.35	32.80	33.20			
26	0.2	4.8	9.5	10.3	10.3	11.3	12.3	12.2	12.0	7.38	23.80	24.95	25.35	26.40	31.15	32.40	33.10				
27	0.8	5.0	8.6	9.8	10.3	10.5	10.5	12.1	12.1	8.25	23.25	24.55	25.30	25.65	31.40	32.55	33.20				
28	2.2	6.9	9.1	9.8	10.1	10.5	12.3	12.2	12.0	11.20	22.95	24.50	24.90	25.50	31.40						
29	4.0																				
M	7.0																				

# BORNÖ

58° 22' 51" N

November

11° 35' 03" E

Observatör: OSKAR AKERMO

1964

E D	Vind Riktn. Syrka	Luft- temp. Riktn. cm sek.	Ström från m Riktn. cm sek.	Vattenets temperatur i °C										Vattenets salthalt i ‰									
				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	32,88	30,19	24,94	30,19	
1				7.3	8.2	8.4	9.4	9.9	10.2	12.0	12.3	18.12	21.08	22.37	23.86	24.48	24.94	24.94	30,19	32,88	30,19	32,88	
2	6.0			5.2	7.8	8.5	9.3	9.9	11.9	12.0	11.8	13.20	21.55	22.45	23.70	24.70	31.85	32.70	33.20				
3	-0.2			5.7	7.9	8.6	9.4	11.0	12.2	12.1	11.9	13.70	21.60	22.75	24.25	26.75	32.45	32.75	33.35				
4	4.0			5.5	7.8	8.6	10.0	12.3	12.0	11.9	11.8	12.55	21.90	22.60	24.85	32.70	33.05	33.40					
5	1.5			6.2	8.6	8.8	10.2	12.1	12.0	11.9	11.7	17.10	22.85	23.10	25.50	31.60	33.15	33.25					
6	7.5			5.4	8.1	9.6	11.8	11.7	11.7	11.7	11.6	19.95	22.35	24.05	32.00	33.40	33.40	33.40					
7				4.8	7.9	10.7	11.6	11.6	11.4	11.6	11.4	16.70	21.75	25.65	32.45	33.35	33.50	33.50					
8	4.0			7.4	7.5	8.3	9.4	12.0	11.7	11.5	11.5	20.85	21.10	22.20	23.95	32.00	33.00	33.50					
9	7.5			5.3	7.3	8.0	8.4	11.0	11.6	11.5	11.5	18.45	21.72	22.13	24.15	29.21	32.79	33.84					
10	6.0			7.7	7.9	8.4	9.3	11.7	11.6	11.5	11.3	21.90	22.25	23.20	24.90	32.40	33.25	33.50					
11	6.5			6.0	7.3	8.6	9.3	9.2	11.7	11.2	11.2	16.25	20.75	23.70	24.70	25.65	32.05	33.50	33.65				
12	4.0			8.3	8.5	8.7	10.4	11.7	11.5	11.5	11.2	23.15	23.25	23.95	24.75	27.35	33.20	33.45					
13	3.5			8.2	8.3	8.5	8.7	10.4	11.7	11.5	11.2												
14	8.5			7.3	7.9	8.1	8.1	8.6	11.9	11.3	21.80	21.90	22.85	23.65	24.35	25.25	33.00	33.75					
15				6.3	6.8	8.0	8.4	8.9	11.8	11.6	11.3	19.60	20.45	23.30	24.85	25.40	32.85	33.25	33.80				
16	7.5			6.5	6.6	8.1	9.0	11.0	11.4	11.6	11.4	21.75	21.85	23.85	27.05	31.85	32.75	33.05	33.55				
17	3.2			7.2	7.6	9.4	10.9	11.4	11.3	11.5	11.2	23.55	24.00	28.80	32.00	33.00	33.40	33.75					
18	3.5			6.0	6.7	10.4	11.4	11.2	11.1	11.4	11.3	20.30	22.25	30.90	32.50	33.20	33.35	33.50					
19	1.0			6.5	8.0	10.1	11.2	11.3	11.3	11.3	11.4	22.13	24.32	30.85	32.66	33.29	33.49	33.63					
20	2.0			7.3	7.9	8.1	8.1	8.6	11.9	11.3	11.3	21.60	21.90	22.85	23.65	24.35	25.25	33.00					
21	5.5			7.2	7.6	9.4	10.9	11.4	11.3	11.3	11.3	21.75	21.85	23.85	27.05	31.85	32.75	33.05					
22				6.0	6.7	10.4	11.4	11.2	11.1	11.4	11.3	20.30	22.25	30.90	32.50	33.20	33.35	33.50					
23	6.8			7.2	8.1	9.1	10.6	11.2	11.4	11.4	11.4	23.60	25.15	27.35	31.50	32.30	32.80	33.35	33.45				
24	8.0			7.9	8.1	8.9	9.7	10.2	11.2	11.4	11.3	26.40	26.90	28.45	30.60	31.30	32.45	32.80	33.50				
25	6.0			7.2	7.8	8.3	8.4	8.3	10.3	11.1	11.3	26.15	27.60	27.95	29.20	30.50	31.60	32.40	33.20				
26	6.0			6.4	6.6	8.0	8.1	8.2	9.3	10.5	11.2	25.90	25.90	28.95	30.15	30.45	31.35	31.95	33.40				
27	8.0			7.5	7.7	8.5	8.6	9.0	10.2	11.0	11.3	27.35	27.90	29.60	30.65	30.80	31.40	32.30	33.25				
28	3.0			5.6	7.2	7.3	8.6	10.3	10.8	11.2	11.2	21.25	26.45	28.75	30.45	31.60	32.50	33.00	33.45				
29				3.2	7.1	8.1	9.2	9.2	9.3	10.7	11.3	14.40	28.60	30.30	31.75	32.25	32.55	33.05	33.45				
30	0.9																						
31																							
M	4.8																						

# BORNÖ

December

58° 22' 51" N 11° 35' 03" E

December

Observatör: OSKAR ÅKERMO

1964

# BORNÖ

E Q	Wind Riktn. Riktn.	Luft- temp. Riktn.	Ström från m cm sek. Riktn.	Vattnets temperatur i °C										Vattnets salthalt i ‰							
				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	-0.5			4.2	8.3	9.7	9.7	9.9	11.0	11.2	11.3	21.46	30.29	31.72	32.36	32.56	32.98	33.15	33.44		
2	-1.0			4.8	8.8	9.3	10.0	9.7	10.4	11.0	11.3	23.65	30.90	31.40	32.00	32.45	32.50	32.65	33.25		
3	1.8			7.2	7.2	7.2	7.4	7.8	8.1	8.6	9.0	30.05	30.30	30.25	30.30	30.80	30.85	30.95	31.20		
4	1.4			4.0	6.5	7.2	7.0	7.4	7.7	8.6	10.5	20.85	28.35	29.70	30.05	30.35	30.70	31.05	33.20		
5	-1.0			5.3	6.1	7.0	7.0	7.4	7.8	9.3	10.4	26.80	28.00	29.30	30.10	30.35	30.80	31.65	33.05		
6	8.0			6.8	6.8	6.9	7.3	7.9	8.0	8.5	9.3	29.60	29.60	29.70	30.05	30.65	30.80	31.05	31.80		
7																					
8																					
9	9.0																				
10	7.2																				
11	5.2																				
12	5.0																				
13	0.5																				
14	0.5																				
15	4.0																				
16	1.0																				
17	0.0																				
18	0.0																				
19	-4.0																				
20																					
21	-0.5																				
22	-4.5																				
23	-0.5																				
24	3.7																				
25																					
26	-8.2																				
27	-8.0																				
28	-6.0																				
29	-8.0																				
30	-1.0																				
31	3.2																				
M	0.3																				

# ÅRSMEDELVÄRDEN

## ÅRSMEDELVÄRDEN

1964

	Vattnets temperatur i °C										Vattnets salthalt i ‰										
	0m	2,5m	5m	10m	15m	20m	25m	30m	35m	40m	0m	2,5m	5m	10m	15m	20m	25m	30m	33m	35m	40m
Finngrundet	7,1	7,0	6,9	5,8	4,5	3,5					5,67	5,67	5,70	5,72	5,76						
Svenska Björn	6,7	6,8	6,2	5,0	4,4	3,7					6,24	6,31	6,42	6,59	6,83						
Härvinge	6,6	6,6	6,3	5,1	3,9	3,1					6,78	6,79	6,82	6,90	7,00						
Falsterborev	7,7	7,7	7,4								8,42	8,49	8,62								7,41
Fladen	8,6	8,8	8,8	8,8	9,0	8,9					8,6	22,00	23,15	26,36	30,54	32,29	33,40				33,73
Vinga	8,8	8,7	8,8	9,1	9,1	9,1					8,7	23,29	24,23	26,53	29,29	31,65	33,24				33,93
Bornö	8,2	8,8	8,8	8,8	9,0	9,0	8,9				20,07	24,24	25,45	27,31	29,49	31,47	32,41	33,21			

# ALSBÄCK

58°19', 17°N

11°32', 60°E

Fj 26

4 Februari

Djup m	Temp. °C	S %	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L	Djup m	Temp. °C	S %	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	1,34	21,396	7,07	--	0,29	0	11,70	25,105	5,80	8,24	0,19
10	3,38	29,395	7,39	--	0,37	10	12,23	28,150	5,78	8,30	0,11
30	7,32	33,182	5,38	--	0,74	30	12,89	32,745	5,09	8,23	0,28
50	6,32	33,843	6,08	--	0,70	50	11,85	33,158	4,21	8,16	0,49
70	6,69	34,240	4,55	--	1,35	70	6,42	34,787	3,73	7,99	1,6
90	6,21	34,574	2,95	--	2,3	90	6,43	34,852	3,36	7,98	1,7
100	6,05	34,585	2,49	--	2,5	100	6,41	34,873	3,31	7,96	2,0
110	6,00	34,605	2,29	--	2,8	115	6,37	34,890	2,61	7,88	2,7

4 Februari

12 Mars

0	1,89	20,173	8,86	8,25	0,01	0	6,47	28,455	6,89	--	0,35
10	0,53	25,633	8,23	8,19	0,02	10	6,40	28,692	6,83	--	0,36
30	5,97	34,243	5,34	7,98	0,87	30	7,15	29,740	6,47	--	0,39
50	6,08	34,532	5,89	7,99	0,93	50	10,97	33,747	4,77	--	0,59
70	6,23	34,616	6,00	8,01	0,69	70	6,73	34,708	3,32	--	2,0
90	6,30	34,669	--	7,91	1,38	90	6,47	34,803	3,12	--	2,3
100	6,26	34,712	5,65	8,00	1,05	100	6,45	34,831	2,92	--	2,5
110	6,34	34,742	5,88	8,00	0,94	110	6,36	34,851	2,65	--	2,8

12 Mars

9 December

1964

1964

# GULLMAR TRÖSKEL

58° 15' 62 N

11° 26' 20 E

Fj 28

1964

5 Februari

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L	Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	2.77	27.558	7.40	--	0.30	0	11.20	23.246	--	8.21	0.14
5	2.70	27.685	--	--	0.29	5	11.61	25.812	--	8.24	0.10
10	3.22	29.159	7.35	--	0.37	10	12.16	27.925	--	8.25	0.10
15	3.62	30.110	--	--	0.43	15	12.76	31.259	--	8.22	0.20
20	5.16	32.031	--	--	0.62	20	12.82	32.255	--	8.25	0.21
30	5.19	32.846	6.69	--	0.61	30	12.86	32.759	--	8.23	0.18
40	5.21	33.083	--	--	0.64	40	12.79	33.158	--	8.23	0.21
50	5.16	33.182	6.69	--	0.66	50	12.67	33.348	--	8.23	0.23

14 Oktober

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	6.44	28.036	7.19	--	0.45
5	6.44	28.046	--	--	0.43
10	6.50	28.167	7.02	--	0.43
15	6.46	28.418	--	--	0.44
20	6.73	29.051	--	--	0.42
30	8.35	31.072	5.96	--	0.46
40	9.93	32.734	--	--	0.60
50	10.82	33.657	4.96	--	0.79

9 December

12 Mars

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	1.38	20.948	--	8.25	0.03
5	1.15	21.236	--	8.26	0.09
10	0.68	26.187	--	8.14	0.03
15	4.95	32.623	--	8.00	0.62
20	5.73	33.845	--	7.98	0.71
30	6.07	34.326	--	8.01	0.80
40	6.37	34.796	--	8.04	0.79
50	6.55	34.912	--	8.04	0.79

# KOLJÖFJORD

## Fj 42

58°13', 83 N

11°34', 80 E

1964

# KOLJÖFJORD

4 Februari

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L	H <sub>2</sub> S µg-at S/L	Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L	H <sub>2</sub> S µg-at S/L
0	2.66	23.114	7.49	--	0.77	--	0	11.54	25.347	5.99	8.24	0.19	--
5	2.66	23.114	7.51	--	0.76	--	5	11.57	25.350	--	8.26	0.22	--
10	2.66	23.181	7.48	--	0.75	--	10	11.52	25.374	6.00	8.24	0.20	--
15	6.82	26.275	3.66	--	1.2	--	15	11.77	25.525	5.66	8.23	0.28	--
20	7.53	27.820	1.10	--	2.1	--	20	6.65	28.804	0	7.48	4.4	27.0
25	6.31	29.189	0	--	5.0	24.2	25	6.23	29.063	0	7.42	4.9	38.5
30	6.09	29.250	0	--	5.1	24.8	30	6.16	29.086	0	7.39	5.0	40.5
37	6.06	29.282	0	--	5.2	26.9	35	6.08	29.098	0	7.39	5.0	43.6

14 Oktober

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L	H <sub>2</sub> S µg-at S/L
0	6.34	23.951	6.22	7.92	0.62	--
5	6.30	23.959	6.16	7.94	0.57	--
10	6.34	23.999	6.09	7.96	0.59	--
15	7.16	24.855	5.38	7.89	0.70	--
20	7.77	28.156	0.25	7.43	3.3	0.3
25	6.56	28.979	0	7.37	5.5	56.0
30	6.33	29.029	0	7.38	5.5	59.0
35	6.25	29.052	0	7.36	5.6	55.0

8 December

12 Mars

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L	H <sub>2</sub> S µg-at S/L
0	2.55	24.305	9.26	8.22	0.17	--
5	2.13	24.491	--	8.28	0.14	--
10	4.40	27.010	4.61	7.81	1.19	--
15	6.40	28.535	2.00	7.48	2.41	--
20	6.21	29.060	0	7.28	5.32	23.0
30	6.10	29.250	0	7.31	4.80	17.0
38	6.11	29.347	0.73	7.39	3.18	0

# HAVSTENSFJORD

58° 18', 75 N

11° 46', 40 E

## Fj 46

1964

4 Februar

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L	Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	1.65	22.070	7.81	--	0.95	0	11.14	24.796	6.42	8.36	0.25
5	1.69	22.060	--	--	0.88	5	11.12	24.883	--	8.36	0.21
10	4.77	25.378	6.28	--	0.82	10	12.34	27.065	4.75	8.20	0.42
15	9.36	30.285	--	--	1.6	15	12.60	27.956	2.63	7.95	0.72
20	7.88	31.216	3.66	--	1.5	20	11.26	29.163	--	7.64	1.03
30	6.61	31.982	3.35	--	2.5	30	5.89	31.862	0.32	7.51	2.15
38	6.78	32.616	0.18	--	11.5	37	5.50	32.159	0.13	7.51	3.8

14 Oktober

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	4.50	21.969	7.20	8.03	0.76
5	4.52	22.005	--	7.98	0.76
10	6.56	24.952	5.70	7.95	0.77
15	9.86	29.295	3.55	7.89	1.15
20	10.17	31.120	3.60	7.91	1.16
30	8.43	31.914	2.21	7.78	1.9
38	6.09	31.977	0.31	7.46	4.6

8 December

12 Mars

# ASKERÖFJORD

58° 04' N

11° 47' E

## Fj 51

3 Februar

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L	Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	2.38	24.247	7.69	--	0.56	0	10.87	24.807	6.09	8.24	0.27
5	2.40	24.230	--	--	0.58	5	10.94	25.003	--	8.23	0.21
10	3.45	26.852	7.06	--	0.64	10	11.21	25.512	5.84	8.24	0.32
15	4.53	30.040	6.63	--	0.70	15	11.87	26.736	5.24	8.22	0.48
20	5.54	32.721	6.33	--	0.82	22	12.25	28.131	4.68	8.15	0.70

15 Oktober

13 Mars

0	1.29	19.114	9.34	8.21	0.09	0	5.77	27.468	6.54	8.11	0.48
5	1.05	20.166	--	7.98	0.04	5	5.70	27.469	6.84	8.09	0.50
10	1.53	24.183	8.24	8.10	0.18	10	5.83	27.492	6.79	8.08	0.48
15	2.84	27.215	--	8.00	1.21	15	5.98	27.662	6.78	8.08	0.46
20	5.28	32.608	5.92	7.83	1.08	20	5.97	27.751	6.76	8.08	0.48
24	5.52	33.697	5.97	7.98	--						

8 December

# HAKEFJORD

## HAKEFJORD

57° 59', 38 N

11° 45', 70 E

### Fj 52

3 Februar

Djup m	Temp. °C	S %	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L	Djup m	Temp. °C	S %	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	2.73	24.193	--	8.06	0.49	0	10.99	24.642	--	8.26	0.16
5	2.56	24.189	--	8.00	0.52	5	10.96	24.673	--	8.26	0.14
10	2.61	24.191	--	8.00	0.54	10	10.98	25.700	--	8.26	0.14
15	3.89	28.715	--	8.02	0.64	15	11.67	25.933	--	8.24	0.30
20	5.18	32.412	--	--	0.71	22	13.09	32.229	4.79	8.16	0.65
25	5.12	33.198	6.63	--	0.92						

15 Oktober

Djup m	Temp. °C	S %	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	5.51	26.084	--	8.13	0.48
5	5.60	26.136	--	8.13	0.48
10	5.78	26.616	--	8.12	0.45
15	5.73	27.000	--	8.13	0.48
20					
25					

8 December

13 Mars

Djup m	Temp. °C	S %	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	1.26	18.743	--	7.98	0.13
5	0.66	20.478	--	8.23	0.09
10	0.95	23.778	--	7.92	0.09
15	2.94	27.873	--	7.94	0.68
20	5.04	32.778	--	7.84	0.88
25	6.24	35.587	6.01	7.94	1.15

# ÅSTOL

57° 55', 18° N      11° 35', 60° E

Fj 53

3 Februari

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L	Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	2.90	24.118	--	8.09	0.42	0	11.33	24.595	6.25	8.25	0.26
5	2.88	24.144	--	8.07	--	5	11.39	24.648	--	8.24	0.29
10	3.16	27.300	--	8.06	0.46	10	11.40	24.935	6.10	8.26	0.27
15	3.53	28.671	--	8.06	--	15	12.09	26.589	--	8.23	0.31
20	4.88	32.014	--	8.02	0.76	20	12.94	30.477	--	8.22	0.42
30	4.96	33.377	--	8.03	0.70	30	13.04	33.064	5.16	8.21	0.47
40	5.08	33.746	--	8.02	0.75	40	12.81	33.509	--	8.22	0.55
50	5.21	33.828	7.01	8.04	0.64	50	--	33.583	5.04	--	0.60

13 Mars

0	1.37	16.855	--	7.92	0.06	0	5.92	25.148	--	8.12	0.40
5	1.09	18.267	--	7.96	0.07	5	5.78	25.158	--	8.12	0.36
10	1.41	23.126	--	8.03	0.09	10	5.79	25.187	--	8.15	0.36
15	2.51	27.867	--	7.58	0.46	15	5.80	25.560	--	8.13	0.35
20	4.51	32.833	--	7.72	0.67	20	5.71	26.682	--	8.12	0.37
30	6.50	34.831	--	8.00	0.93	30	6.46	28.442	6.57	8.11	0.51
40	6.55	34.930	--	7.88	0.93	40	8.73	33.055	--	8.10	0.55
50	6.61	35.017	6.17	7.89	0.91	45	8.77	33.424	5.78	8.12	0.55

8 December

15 Oktober
8 December

# MALMÖ DRAG

58° 19', 10 N

Fj 63

11° 21', 70 E

1964

4 Februari

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L	Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	3.65	29.767	--	--	0.54	0	11.29	26.154	--	8.26	0.21
5	3.58	29.770	--	--	0.49	5	11.19	26.281	--	8.28	0.20
10	3.60	29.773	--	--	0.49	10	11.29	26.484	--	--	0.18
15	3.66	29.785	--	--	0.51	15	12.71	30.878	--	8.25	0.27
20	3.79	30.797	7.21	--	0.51	20	12.83	32.561	5.50	8.24	0.21
30	5.01	32.815	--	--	0.55	25	12.75	33.003	--	8.23	0.24
						30	12.60	33.434	7.20	8.24	0.25

14 Oktober

12 Mars

Djup m	Temp. °C	S ‰	O <sub>2</sub> ml/L	pH	PO <sub>4</sub> -P µg-at/L
0	1.16	20.770	9.18	8.11	0.08
5	1.11	20.942	--	8.16	0.07
10	0.60	25.300	8.66	8.14	0.15
15	4.69	32.850	--	8.09	0.58
20	5.49	34.086	--	8.04	0.75
30	6.72	35.012	6.11	7.98	0.93

9 December



