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Ödsmål, Kville sn, Bohuslän

Hällristning  
Fiskare från  
bronsåldern

Rock carving  
Bronze age  
fishermen



**MEDDELANDE från**  
**HAVSFISKELABORATORIET · LYSEKIL**

nr  
168

Hydrografiska avdelningen, Göteborg

Hydrographical Data  
July - December 1972

R.V. Skagerak

R.V. Thetis

August 1974

## EXPLANATION TO THE DATA LISTS.

The lists are based on ICES oceanographic punch cards.

Explanation to headline numbers for general information.

18.. Identification No. According to the following code:

- 0 - N and E
- 1 - N and W
- 2 - S and E
- 3 - S and W

In this connexion the following rules are followed:

- 0° Latitude is taken as N
- 0° Longitude is taken as E
- 180° Longitude is taken as W.

19-21. Year. Three last figures of the year.

22-23. Month.

24-25. Day

26-27. Station Time. Starting time (to the nearest hour) of the hydrographic station in GMT.

28-31. Corrected Depth to Bottom, in metres, determined while on station.

46-47. Maximum Observation Depth. To be punched in hundreds of metres. The depths are to be punched as follows:

- 0 m. - 50 m. 00
- 51 m. - 150 m. 01
- 151 m. - 250 m. 02
- etc.

48-50. Mixed Layer Depth. The thickness, in metres, of the mixed layer, to be determined by means of a BT trace or other equivalent source. The layer is considered mixed (= isothermal, in this case), if the approximate vertical temperature gradient is less than 0.1° C in any 15 metres and less than 0.6° C in any 200 metres with the uppermost 2 metres excluded. If the BT observation shows that the Mixed Layer extends to the bottom of the trace the depth of the trace should be punched together with an overpunch 11 in col. 50.

The columns should be left blank when no BT observation has been made.

53-54. Wind Speed, given in knots.

55-57. Temperature. Dry bulb ) Readings, in degrees centigrade to the 1st decimal place, of the dry  
and wet bulb thermometer respectively. Negative temperatures will be  
58-60. Temperature. Wet bulb ) indicated by means of an overpunch 11 in the columns 55 and 58  
respectively. The case of ice on the wet bulb will not be indicated.

61. Weather. According to the following code:

- 0 - Clear (no cloud at any level)
- 1 - Partly cloudy (scattered or broken)
- 2 - Continuous layer(s) of cloud(s)
- 3 - Sandstorm, duststorm or storm of drifting snow
- 4 - Fog, thick dust or haze
- 5 - Drizzle
- 6 - Rain
- 7 - Snow, or rain and snow mixed
- 8 - Shower(s)
- 9 - Not observed.

Note. Code figure 2 is used when the total amount of clouds is  $7/8$  or more.

62. Cloud Amount. The fraction of the celestial dome covered by cloud, to be given in eighths:

- 0 - No clouds
- 1 -  $1/8$  or less, but not zero
- 2 -  $2/8$
- 3 -  $3/8$
- 4 -  $4/8$
- 5 -  $5/8$
- 6 -  $6/8$
- 7 -  $7/8$  or more, but not  $8/8$
- 8 -  $8/8$
- 9 - Not observed.

63. State of Sea.

Code figure	Descriptive terms	Height *	
		in metres	in feet (appr.)
0 -	Calm (glassy)	0	0
1 -	Calm (rippled)	0 - 0.1	0 - $1/3$
2 -	Smooth (wavelets)	0.1 - 0.5	$1/3$ - $1\ 2/3$
3 -	Slight	0.5 - 1.25	$1\ 2/3$ - 4
4 -	Moderate	1.25 - 2.5	4 - 8
5 -	Rough	2.5 - 4	8 - 13
6 -	Very rough	4 - 6	13 - 20
7 -	High	6 - 9	20 - 30
8 -	Very high	9 - 14	30 - 45
9 -	Not observed.		

\*.) The average wave height as obtained from the larger wellformed waves of the wave system being observed.

64. Occurrence of ice in the vicinity of the hydrographic station, according to the following code:

- 0 - No ice
- 1 - Ice present in vicinity, but not identified as to type or amount (sighted visually or by radar)
- 2 - Few bergs (10 or less)
- 3 - Many bergs (more than 10)
- 4 - Very open or open pack ice (6/10 coverage or less) more than 1 naut. mile distant from the hydrographic or BT observation
- 5 - Close or very close pack ice (more than 6/10 coverage) more than 1 naut. mile distant from the hydrographic or BT observation
- 6 - Very open or open pack ice (6/10 coverage or less); hydrographic or BT observation within ice pack or less than 1 naut. mile away
- 7 - Close or very close pack ice (more than 6/10 coverage); hydrographic or BT observation within ice pack or less than 1 naut. mile away
- 8 - Hydrographic or BT observation actually within very heavy concentration of pack ice, polar pack, fast ice, etc. (observations made from "ice islands", drifting pack, beset vessels, fast ice, or other similar cases)
- 9 - No observations of ice made (possibly due to limited visibility, or because ice observations not a part of the programme or for other reasons).

Explanation to headline numbers for hydrographic information.

- 26-27. Observation Time. The nearest hour of the time (in GMT) for the observation. The change of day (and month) during the work at a station is indicated by adding 24 to the time in hours.
- 28-31. Observation Depth in metres. An overpunch 11 in col. 31 should be made when the depth has been obtained by application of an unprotected thermometer in this depth. That a depth is questionable is indicated by an overpunch 11 in col. 29.
- 32-35. Temperature at the Observation Depth, in degrees centigrade to the 2nd decimal place. A negative temperature is indicated by an overpunch 11 in column 32. That a temperature value is questionable is indicated by an overpunch 11 in column 33.
- 36-40. Salinity of the Sample, in parts per thousand, to the 3rd decimal place. That a salinity value is questionable is indicated by an overpunch 11 in column 37. When the salinity is known only to the 2nd decimal place column 40 will be left blank.
- 41-45.  $\sigma_t$ , given to the 3rd decimal place. A negative value of  $\sigma_t$  is indicated by an overpunch 11 of column 41. The column for the 3rd decimal place not being determined will be left blank.  $\sigma_t$  will normally be machine computed.
- 58-60. Oxygen Content, given in  $\text{cm}^3$  at NTP per  $\text{dm}^3$  of water at  $20^\circ\text{C}$  to the 2nd decimal-place. If the value is  $\geq 10.00 \text{ cm}^3/\text{dm}^3$ , the excess of 10.00 is entered, and an overpunch 11 is punched in column 58. That a value is questionable is indicated by an overpunch 11 in column 59.

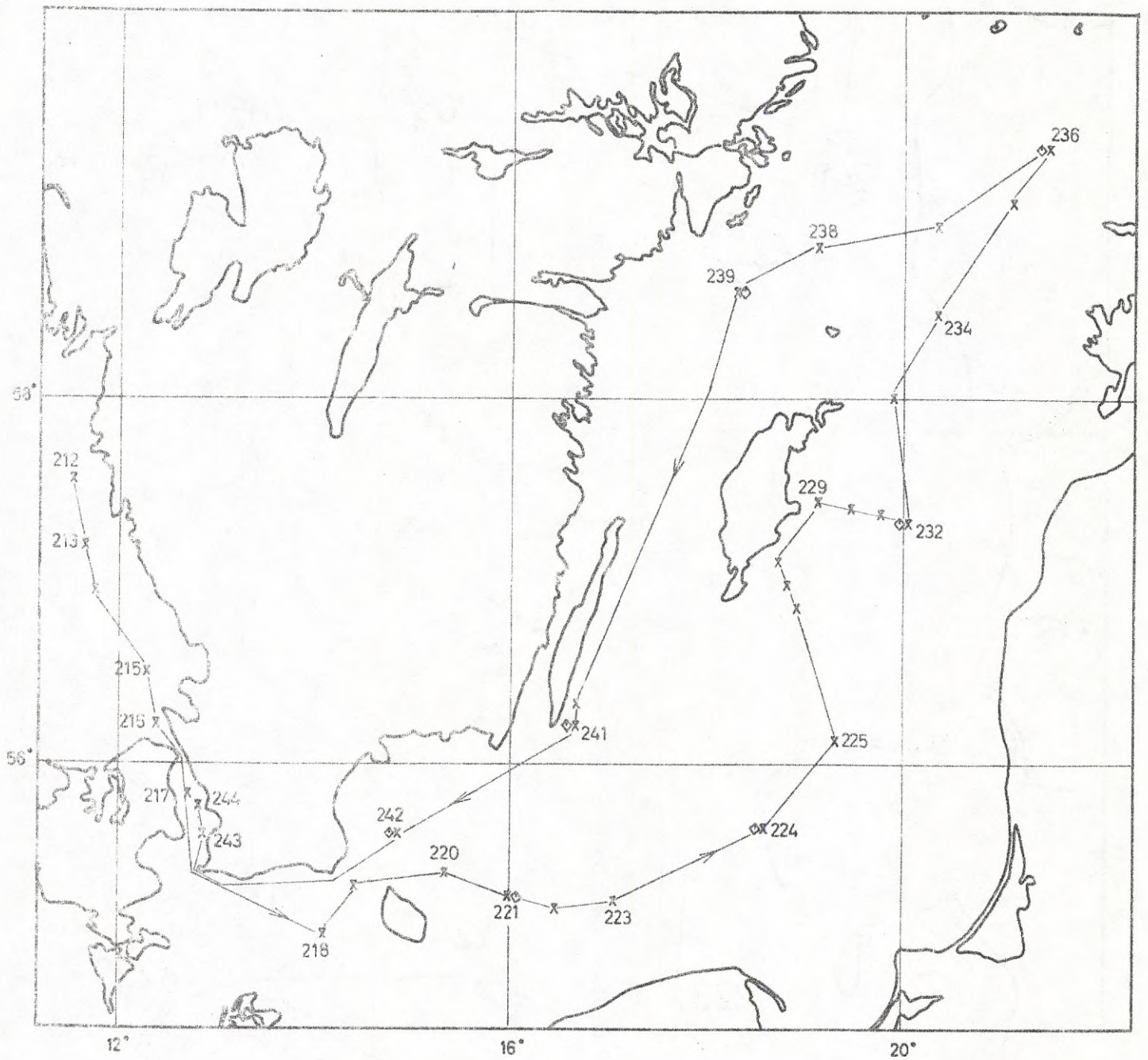
77. Method used for determination of salinity, according to the following code:

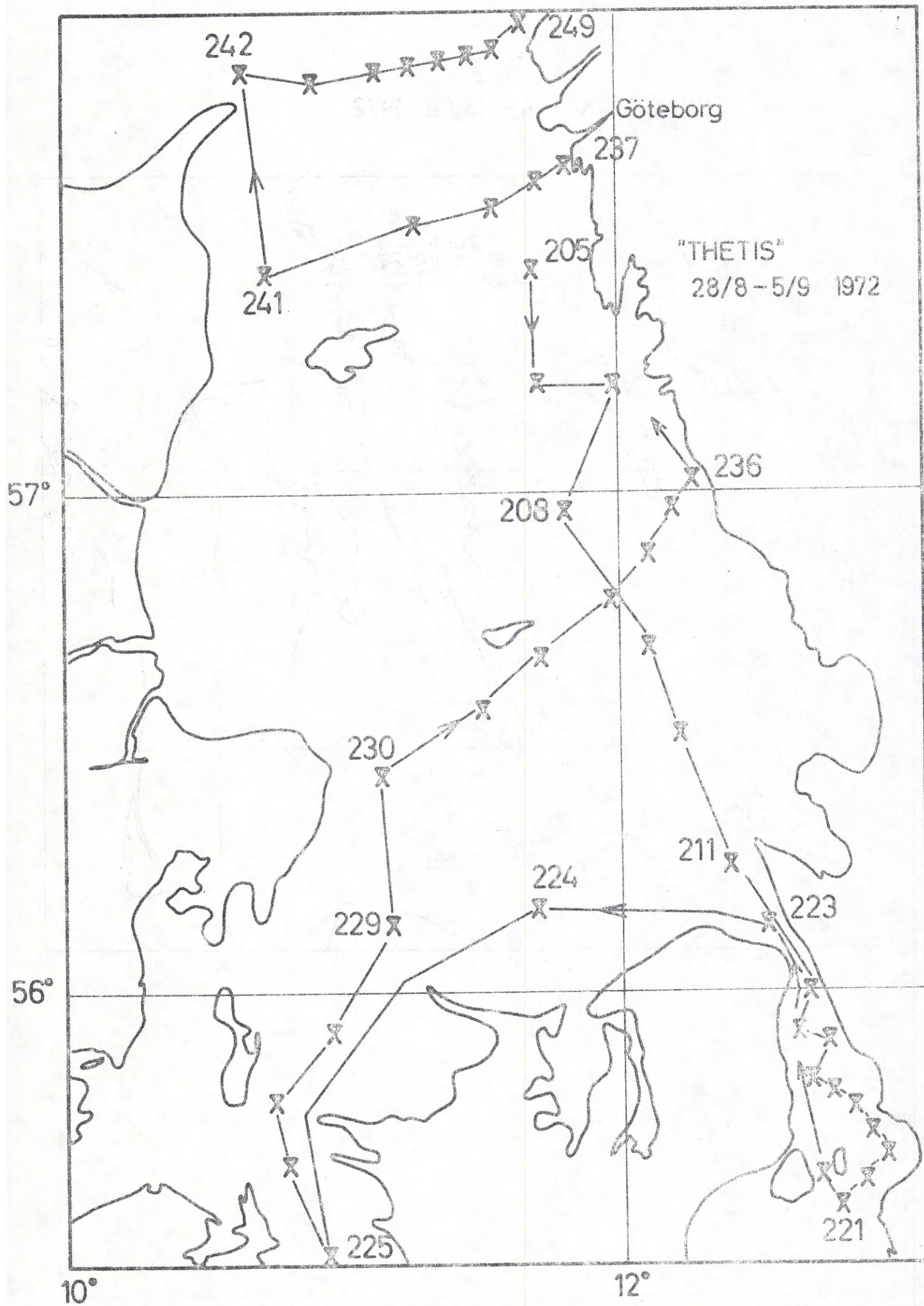
- 1 - Titration by routine Mohr-Knudsen method
- 2 - Titration by special precision method
- 3 - Conductivity measurement by instrument designed to give the salinity permille with a standard deviation of 0.01 or less
- 4 - Conductivity measurement by instrument designed to give the salinity permille with a standard deviation greater than 0.01
- 5 - Refraction index measurement
- 6 - Direct density measurement.

78. Extra Information. Here is indicated whether or not other information than that given in the foregoing columns exists for the depth in question. The following code is used:

- 0 - No further information
- 1 - Further information other than chemical
- 2 - Further information plus chemical results
- 3 - Chemical results only, not covered by 4-9
- 4 - Phosphate only
- 5 - Phosphate and silicate only
- 6 - Phosphate and nitrate and/or nitrite only
- 7 - Phosphate, silicate and nitrate and/or nitrite only
- 8 - Total phosphorus only
- 9 - Total phosphorus and silicate only.

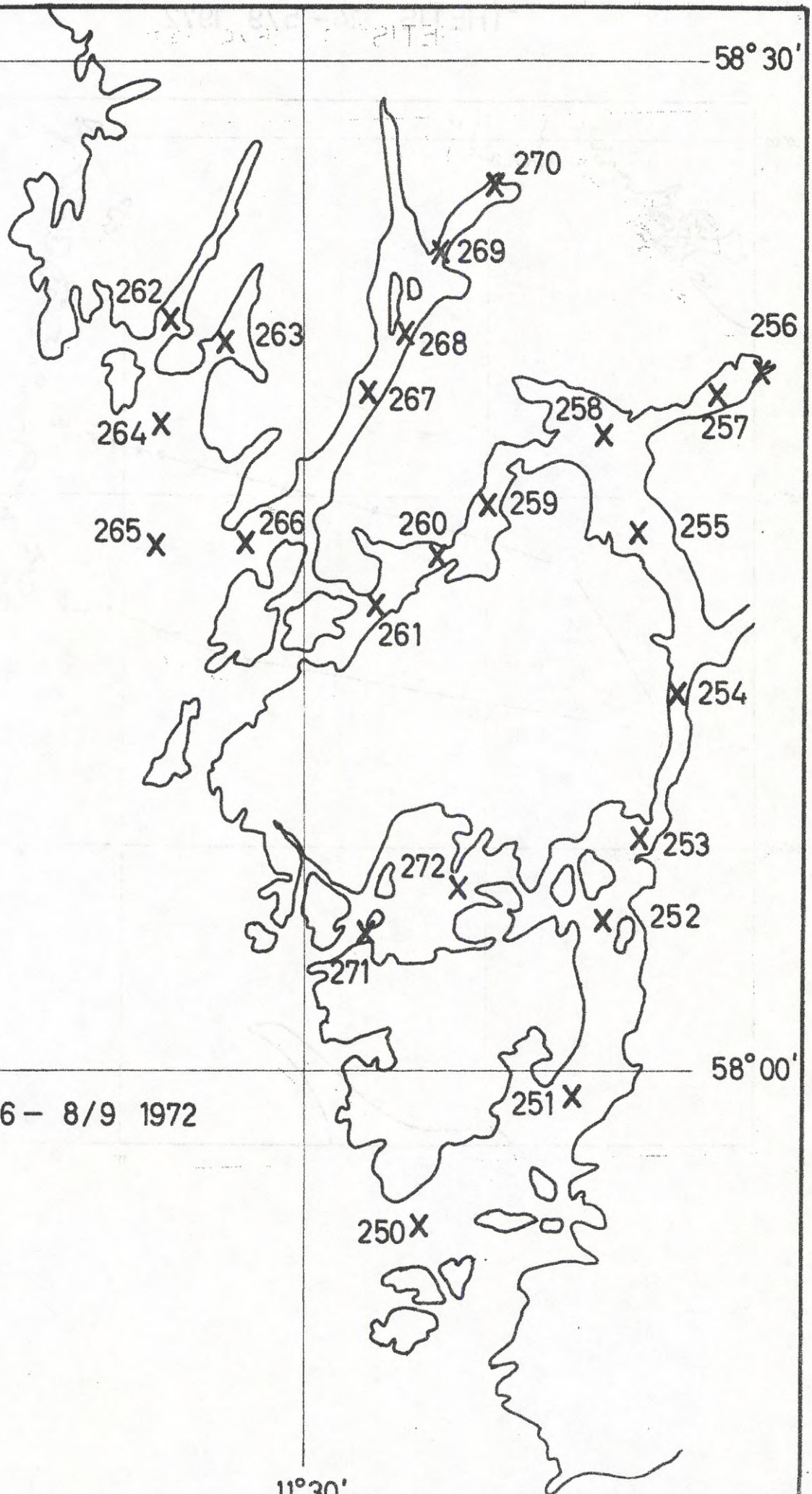
"SKAGERAK" 14 - 23 / 8 1972







58° 30'



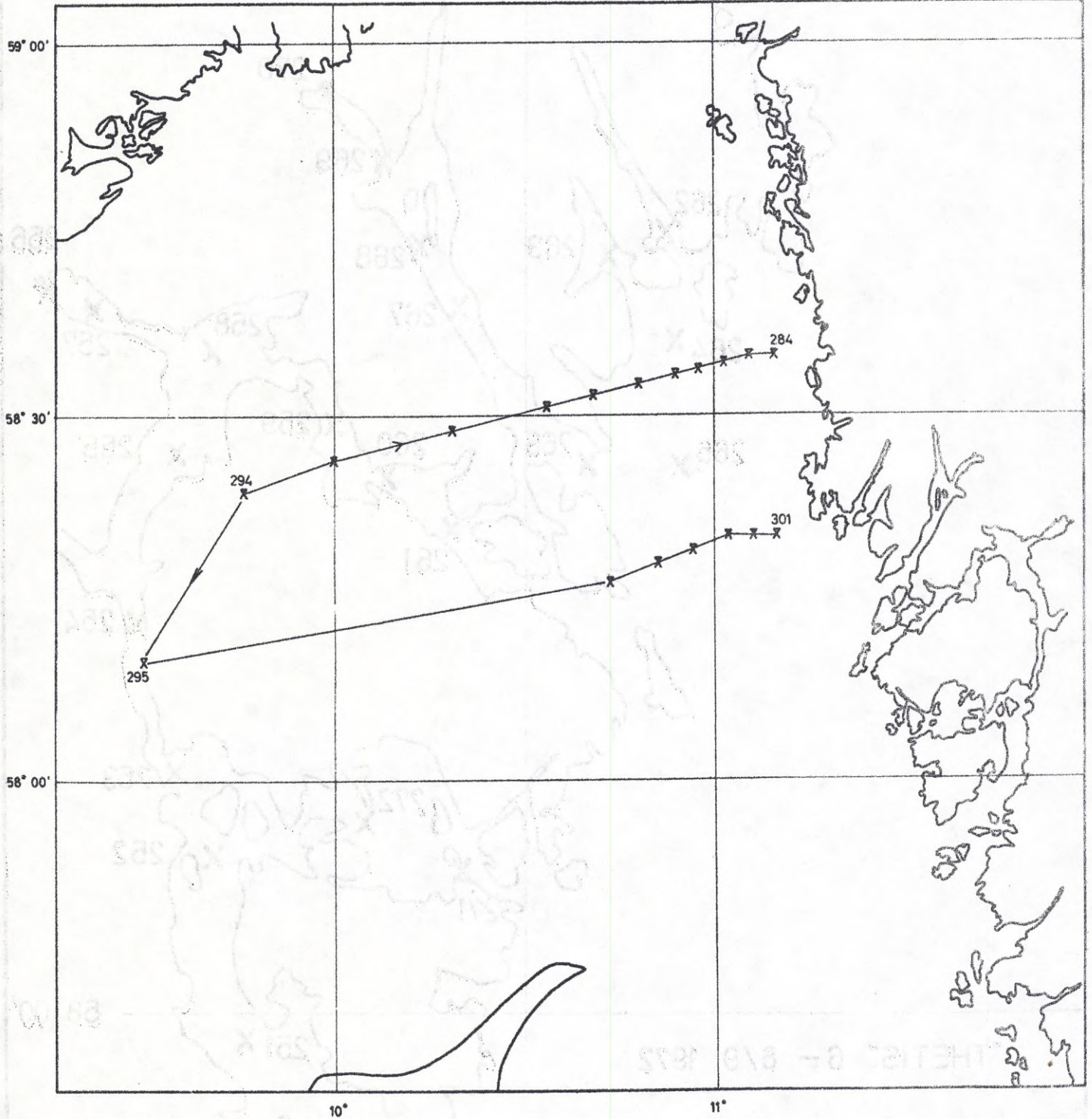
"THETIS" 6 - 8/9 1972

58° 00'

11° 30'

"THETIS" 14-15/9 1972

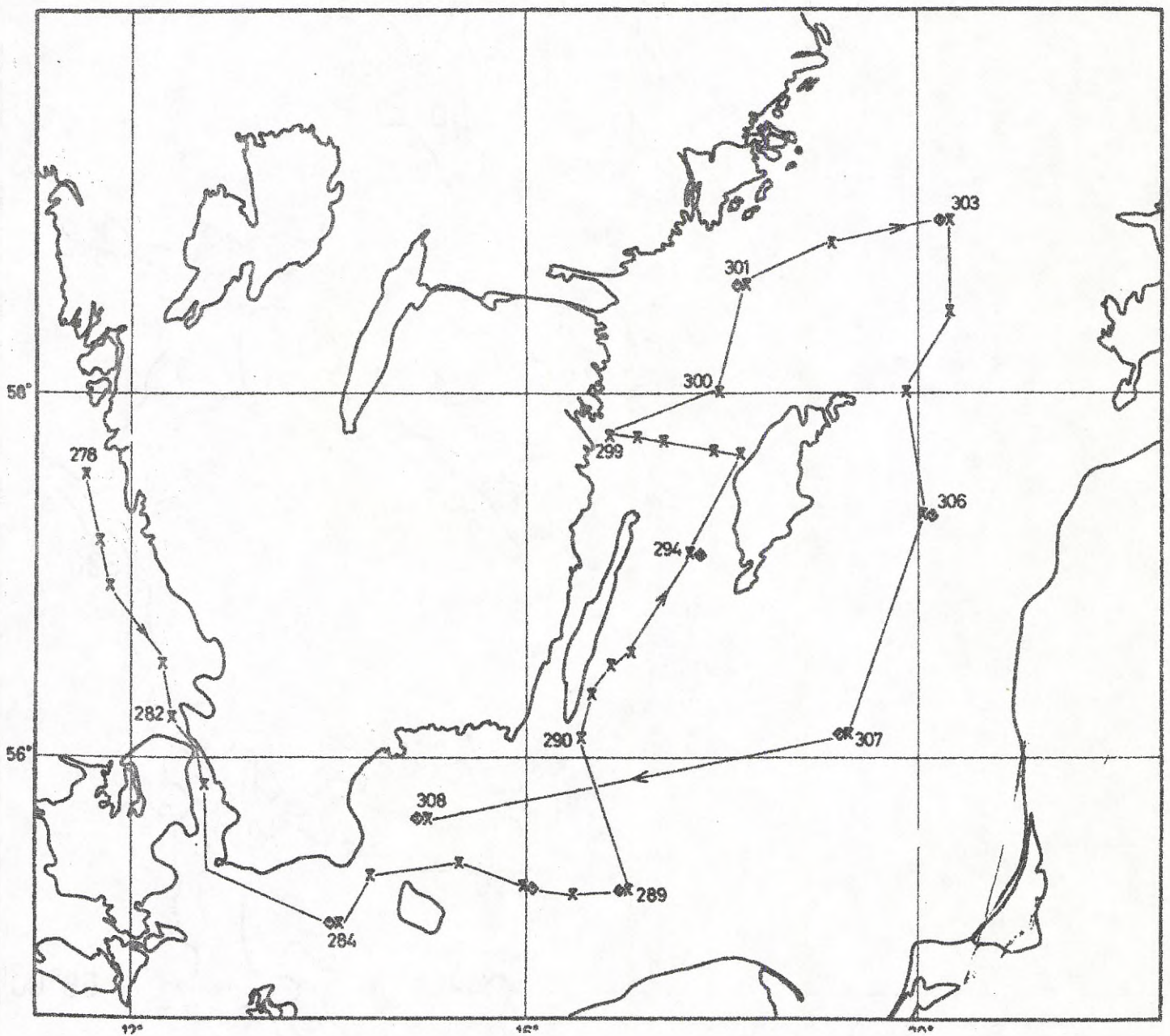
00° 00'



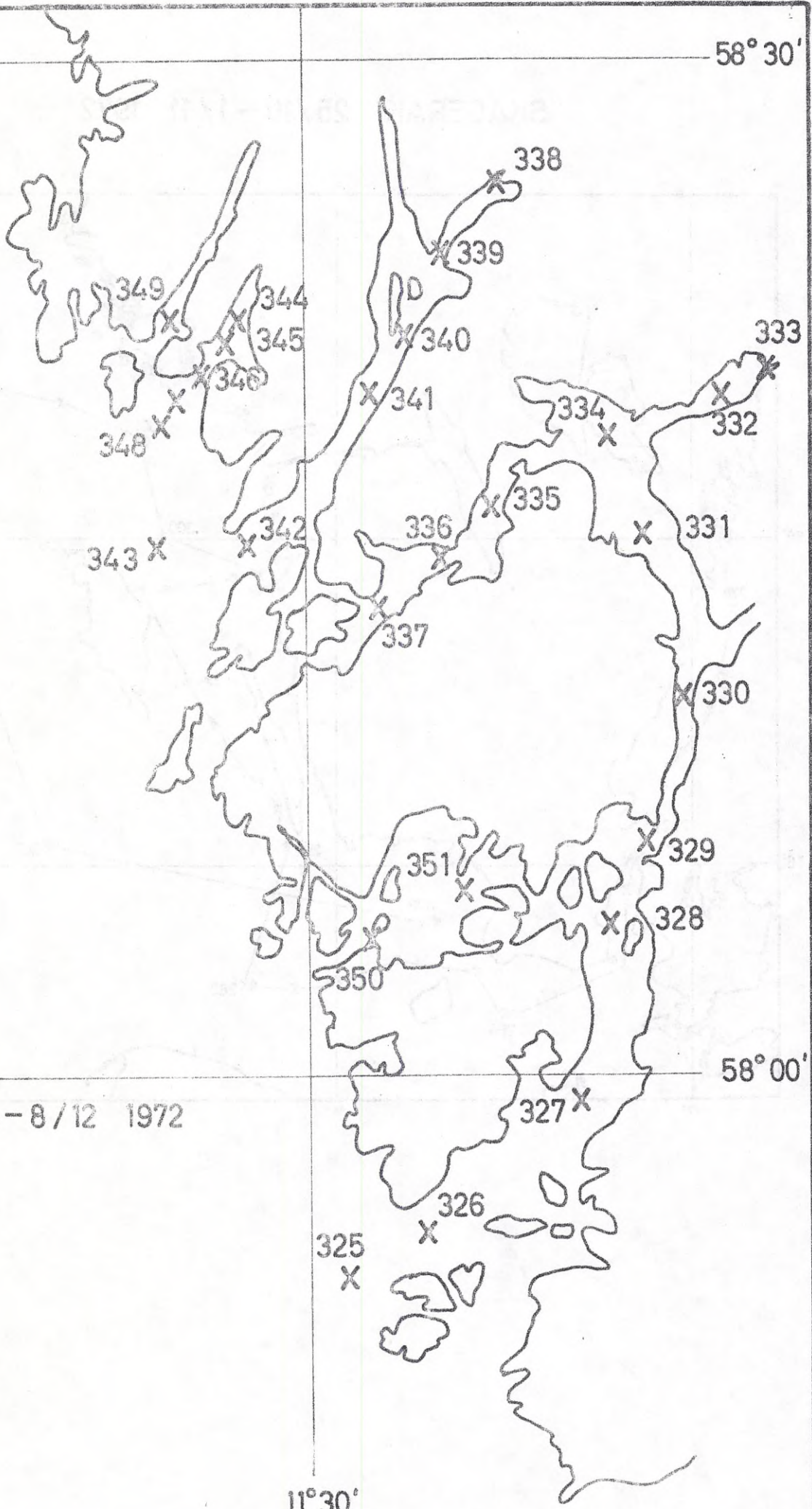
10°

11°

# "SKAGERAK" 25/10 - 1/11 1972



58° 30'



"THETIS" 5-8/12 1972

58° 00'

11° 30'

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

F 78 (31 A)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60	61
0203	58	35	018	14	0	972	07	03	23	0459	02		27	16	160						1	5	30			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58					59 60	61 62 63	64	77	78									
23	0000	1572	06687	0429																					3	0
	0005	1580	06685	0428			746																			
	0010	1574	06901	0428			747																			
	0015	0997	07141	0533			847																			
	0020	0500	07274	0581			875																			
	0030	0402	07318	0588			880																			
	0040	0342	07471	0601			889																			
	0050	0271	07466	0602			856																			
	0060	0236	07804	0628			726																			
	0070	0358	09041	0724			274																			
	0080	0448	10310	0823			025																			
	0090	0462	10616	0847			006																			
	0100	0462	10650	0850			004																			
	0125	0474	10772	0858			003																			
	0150	0481	10860	0864			006																			
	0200	0477	10879	0867			004																			
BT Slide Sk 178/13268/72												Observer: Lindblom														

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Landsort II

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60	61	62	63
0204	58	42	018	03	0	972	07	04	04	0080	01		27	16	143													
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58					59 60	61 62 63	64	77	78											
04	0000	1470	06170	0396			746						0.30														3	8
	0081	0415	08946	0714			270						2.07															
N 58°41.5' E 18°03'												Observer: Hagberg																

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

F 81

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0205	57	20	020	03	0	972	07	04	14	0249	02			29	10	168						1	43	0																					
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot. P		Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
14	0000	1565	07404	0475		754				0.50													3	8																					
	0005	1551	07384	0476		760																		0																					
	0010	1546	07420	0479		766																																							
	0015	1188	07497	0540		853																																							
	0020	0674	07527	0592		852																																							
	0030	0495	07631	0611		864																																							
	0040	0458	07665	0613		854																																							
	0050	0283	07750	0624		838																																							
	0060	0253	08089	0650		701																																							
	0070	0375	09456	0758		232																																							
	0080	0457	10220	0815		037																																							
	0090	0501	10737	0855		084																																							
	0100	0544	11080	0879		051																																							
	0125	0548	11991	0951		008																																							
	0150	0522	12392	0983		066																																							
	0175	0551	12563	0995		019																																							
	0200	0538	12658	1002		054																																							
	0225	0504	12754	1014		226																																							
	0240	0503	12823	1018		176				9.94														8																					
BT Slide Sk 179/13268/72												Observer: Hagberg																																	

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

9 A

Station No.	Lat.		Long.		N S E W	Year			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0206	56	05	019	10	0	972	07	05	03	0122	01		27	10	152								1	23	0			
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sol. method	Extra info.																
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
03	0000	1490	07	61	1500	751			0.61																	3	8	
	0010	1489	07	19	1500	753																					0	
	0015	1482	07	55	0501	755																						
	0020	1148	07	46	0556	801																						
	0030	0605	07	89	0613	835																						
	0040	0424	07	43	0630	841																						
	0050	0329	07	88	0631	838																						
	0060	0311	08	05	0644	799																						
	0070	0407	09	58	0784	125																						
	0080	0449	10	71	0846	203																						
	0090	0491				195																						
	0100	0467	11	37	0935	299																						
	0110	0458	12	42	0967	417																						
	0120	0449	12	294	0979	399			1.85																		8	
BT Slide Sk 180/234/72 Observer: Hagberg																												

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

8 A

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																																				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																																								
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64											
0207	55	38	018	36	0	972	07	05	11	0092	01			25	08	185						4	82	0																																
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot. P μgat/l	Sal. method	Extra info.																																														
					ml/l	%																																																		
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64																	77	78												
11	0000	1481	07608	0507	763																																										38									
	0005	1481	07581	0505	767																																												0							
	0010	1450	07607	0510	765																																																			
	0015	1417	07625	0516	770																																																			
	0020	1020	07751	0579	796																																																			
	0030	0470	07649	0611	871																																																			
	0040	0466	07834	0626	848																																																			
	0050	0360	07874	0631	839																																																			
	0060	0279	07986	0642	797																																																			
	0070	0336	09010	0722	618																																																			
	0080	0443	10588	0845	166																																																			
	0090	0418	11648	0930	413																																																			

BT Slide Sk 182/234/72 Observer: Hagberg



11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

S 23

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0208	55	13	017	04	0	972	07	05	17	0090	01			27	08	162			4	21	0																								
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot. P µgat/l	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
17	0000	1600	07760	0496	766			0.41		3	8																																		
	0005	1601	07761	0496	770						0																																		
	0010	1508	07762	0511	781																																								
	0015	1210	07758	0556	790																																								
	0020	1027	07774	0580	794																																								
	0030	0722	07837	0612	796																																								
	0040	0552	07995	0634	819																																								
	0050	0418	08534	0682	848																																								
	0060	0432	10679	0853	627																																								
	0070	0444	12867	1026	472																																								
	0080	0447	13684	1089	436																																								
	0085	0460	14157	1127	378			1.56			8																																		
BT Slide Sk 183/234/72 Observer: Hagberg																																													

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1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

I:3

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0209	55	02	013	16	0	972	07	06	07	0042	00			09	04				11	1	0																								
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot. P µgat/l	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
07	0000	1597	07996	0514	742			0.35		3	8																																		
	0042	0880	16767	1295	397			1.10																																					
Observer: Lindblom																																													

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Station

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Hydro Depth Observations (Code 03)

I : 2

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0210	55	08	013	16	0	972	07	06	09	0038	00		09	04	170					4	2						10	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot. P $\mu\text{g}/\text{l}$	Sal. method	Extra info.																		
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62
09	0000	1583	07835	0504	746		0.36			3	8																	
	0038	1148	07864	0573	587		0.42																					
N 57°07.5' E 13°16' Observer: Lindblom																												

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Hydro Depth Observations (Code 03)

I : 1

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0211	55	14	013	16	0	972	07	06	10	0040	00		09	04	170				4	2							0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot. P $\mu\text{g}/\text{l}$	Sal. method	Extra info.																		
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62
10	0000	1663	07813	0489	736		0.36			3	8																	
	0040	0765	11552	0900	554		0.95																					
N 55° 13.5' E 13°16' Observer: Grahn																												

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1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

SW Vinga

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64			
0212	57	33	011	32	0	972	08	14	12	0082	01	006	14	22	170				2	83	0		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P μgat/l	Tot.P μgat/l	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58	59 60	61 62 63 64								
12	0000	1795	19513	1351	597			827	0.03	0.31											3	3	
	0005	1794	19542	1354	587			831	0.05	0.32													
	0010	1689	26371	1898	596			828	0.10	0.33													
	0015	1620	31258	2284	584			828	0.06	0.29													
	0020	1530	32593	2407	562			828	0.10	0.35													
	0030	1431	33792	2520	564			832	0.14	0.29													
	0040	1271	34144	2580	529			823	0.29	0.53													
	0050	1061	34480	2647	516			820	0.45	0.67													
	0060	0889	34680	2691	527			819	0.55	0.70													
	0070	0863	34770	2702	521			819	0.55	0.75													
	0082	0854	34787	2705	530			818	0.62	1.20													
BT Slide Sk 185/11601/72 N 57°33.1' E 11°31.5' Observer: Engström																							



11 "Skagerak"

1972

Station

77 Sweden

L:a Middelgrund

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0214	56	58	011	46	0	972	08	14	17	0100	01	018	18	02	190					4	9	1	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.												
					ml/l	%																	
17	0000	1821	18977	1305	566		831		0.35		3	3											
	0005	1818	18987	1306	606		834	0.08	0.39														
	0010	1808	20846	1450	586		831	0.08	0.39														
	0015	1549	32831	1985	573		827	0.09	0.26														
	0020	1505	33240	2462	554		827	0.09	0.31														
	0030	1381	33603	2516	556		825	0.15	0.30														
	0040	0887	33982	2638	473		816	0.59	0.84														
	0050	0804	34318	2675	484		815	0.68	0.90														
	0060	0790	34469	2689	488		815	0.68	1.00														
	0070	0787	34611	2702	506		815	0.72	0.92														
	0080	0784	34628	2703	505		815	0.73	1.00														
	0090	0780	34625	2704	503		814	0.72	0.95														
	0100	0783	34639	2704	343		813																
BT Slide Sk 187/11601/72 N 56°57.5' E 11°45.5' Observer: Engström																							



11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

W Landskrona

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61 62	63 64			
0217	55	52	012	45	0	972	08	15	02	0047	00	010	00	00	185				4	8	00
Obs. time	Obs. depth		Temp.		Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Alkal	Sol. method	Extra info.						
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60	61 62 63 64	ml/l		%	$\mu$ gat/l	$\mu$ gat/l			Mval/l	77	78			
02	0000	1780	11658	0758	624	826	0.37	0.78	1.6123	3											
	0005	1806	12786	0838	626	826	0.38	1.34	1.647												
	0010	1799	13726	0912	635	830	0.55	1.63	1.687												
	0015	0771	33054	2581	471	805	1.23	1.38													
	0020	0699	33385	2618	485	807	1.03	1.47	2.266												
	0030	0716	33618	2634	474	807	1.00	1.26	2.311												
	0047	0708	33721	2643	480	805	0.91	1.20	2.314												
BT Slide Sk 190/11601/72 N 55°51.8' E 12°45.2' Observer: Carlberg																					
						NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N												
						$\mu$ gat/l	$\mu$ gat/l	$\mu$ gat/l	$\mu$ gat/l												
	0000					0.17	0.02	1.02	16.00												
	0005					0.02	0.02	0.98													
	0010					0.03	0.01	0-97													
	0015					0.66	0.09	1.13	7.99												
	0020					0.73	0.09	1.17													
	0030					0.88	0.09	1.60													
	0040					--	--	--													
	0047					0.82	0.10	1.68	12.58												

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Arkona

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0218	55	00	014	05	0	972	08	15	11	0048	00	007	05	08	200							2	82	0																					
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Alkal	Sol. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
11	0000	1706	07873	0483	716		831	0.08	0.46	1.509	33																																		
	0005	1707	07875	0483	721		833	0.10	0.51	1.509																																			
	0010	1598	07866	0505	693		<del>830</del>	0.12	0.51	1.499																																			
	0015	1291	07933	0559	694		820	0.16	0.45	1.499																																			
	0020	1132	08010	0586	692		813	0.20	0.58	1.499																																			
	0030	0842	09241	0713	603		793	0.41	0.66	1.557																																			
	0040	1006	13996	0906	460		780	0.59	0.82	1.710																																			
	0048	0930	18348	1252	292		765	8.20	14.40	1.838																																			
BT Slide Sk 191/11601/72													Observer: Engström		Secchi disk: 7.5 m																														
							SiO <sub>2</sub>	NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N																																		
							μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																		
	0000						11.0	0.05	0.02	0.36	19.78																																		
	0005						10.5	0	0.02	0.41																																			
	0010						10.5	0	0.02	0.33	14.92																																		
	0015						12.0	0	0.02	0.28																																			
	0020						12.5	0	0.02	0.23	13.30																																		
	0030						17.0	0.16	0.13	0.44	13.11																																		
	0040						23.5	0.79	0.32	0.78	14.38																																		
	0048						45.5	2.35	0.37	1.13																																			



11 "Skagerak"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Hamrarne sund S 11

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0219	55	18	014	24	0	972	08	18	15	0048	00	016	32	14	150			6	83	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58	59 60	61 62 63 64	77	78			
15	0000	1790	07741	0458	654		835	0.10	0.50	3	3									
	0005	1789	07737	0458	656		838	0.08	0.46											
	0010	1792	07738	0458	649		841	0.09	0.41											
	0015	1784	07739	0459	654		839	0.10	0.42											
	0020	1310	07854	0551	657		825	0.03	0.48											
	0030	0593	08075	0640	737		813	0.32	0.54											
	0040	0881	09700	0745	583		797	0.38												
	0048	0916	17540	1191			776	0.93	1.22											
BT Slide Sk 192/13259/72 N 55°17.5' E 14°24'												Observer: Carlberg								

11 "Skagerak"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Christiansö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0220	55	23	015	20	0	972	08	18	18	0092	01	019	32	16	160			2	73	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58	59 60	61 62 63 64	77	78			
18	0000	1826	07670	0606	450		839	0.06		3	3									
	0005	1820	07674	0606	650		842	0.07												
	0010	1822	07677	0606	649		844	0.08												
	0015	1822	07672	0606	648		843	0.07												
	0020	1773	07683	0616	646		843	0.08												
	0030	0739	07924	0617	736		822	0.29												
	0040	0652	08710	0685	668		804	0.41												
	0050	0833	11087	0853	576		795	0.36												
	0060	0889	14004	0922	439		784	0.59												
	0070	0480	15773	1092	435		780	0.99												
	0080	0406	17600	1242	493		787	0.78												
	0092	0408	17599	1242	243		771	2.11												
BT Slide Sk 193/11601/72												Observer: Carlberg								

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Bornholm Deep S 24

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	"	°	'	"		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0221	55	15	015	59	0	972	08	18	21	0093	01	017	32	16	16			2	8	30		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Alkal	Sel. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58		59 60	61 62 63 64	65			66	67 68						
21	0000	1797	07669	0451			647			840	0.04	0.40	1.494	33								
	0005	1797	07666	0451			649			843	0.05	0.48	1.487									
	0010	1798	07667	0451			646			843	0.07	0.41	1.489									
	0015	1798	07667	0451			646			844	0.08	0.45	1.494									
	0020	0619	07748	0613			747			818	0.27	0.59	1.512									
	0030	0546	07920	0630			772			812	0.29	0.48	1.517									
	0040	0548	08110	0644			744			809	0.30	0.51	1.517									
	0050	0475	09830	0784			634			793	0.55	0.74	1.579									
	0060	0759	12648	0987			528			788	0.56	0.75	1.672									
	0070	0474	15139	1204			406			777	1.11	1.39	1.760									
	0080	0406	17246	1375			430			779	0.94	1.16	1.805									
	0093	0408	17807	1420			365			776	1.15	1.89	1.818									
BT Slide Sk		194/11601/72			Observer: Engström																	
							SiO <sub>2</sub>		NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N										
							µgat/l		µgat/l	µgat/l	µgat/l	µgat/l										
	0000						10.5		0.04	0	0.35	23.20										
	0005						10.0		0.12	0	0.44											
	0010						10.0		0.23	0	0.35											
	0015						10.5		0	0	0.26	15.59										
	0020						13.0		0	0.01	0.24	18.88										
	0030						13.0		0	0.01	0.33	14.71										
	0040						13.0		0.03	0.01	0.37	15.64										
	0050						16.5		0.26	0.18	0.24	15.59										
	0060						20.0		0.93	0.03	0.24	17.08										
	0070						30.5		1.08	0.03	0.18	19.50										
	0080						26.5		2.71	0.03	0.65	21.76										
	0093						30.5		3.43	0.02	0.58	22.52										

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Stolpe sill

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 :57	58 59 :60	61	62	63	64		
0222	55	17	016 31	0		972	08	18	24	0064	01	019	02	14	160			1	63	0		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58 :59 60	61 62 63 :64	77	78						
24	0000	1845	07704	0604		627		840	0.05	0.42		3	3									
	0005	1843	07707	0605		642		845	0.03	0.38												
	0010	1844	07703	0605		640		847	0.03	0.40												
	0015	1842	07704	0605		641		845	0.03	0.49												
	0020	1740	07701	0624		646		847	0.04	0.46												
	0030	0524	07773	0620		776		819	0.22	0.48												
	0040	0474	07883	0630		779		810	0.23	0.52												
	0050	0484	08061	0643		747		805	0.30	0.56												
	0060	0488	11721	0932		532		781	0.68	0.99												
	0064	0484	11973	0953		522		777	0.82	1.27												
BT Slide Sk 195/13259/72 N 55°16.5' E 16°31' Observer: Engström																						

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Stolpe furrow

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64
0223	55	13	017	04	0	972	08	19	02	0091	01	018	29	10	160				1	5	30
Obs. time	Obs. depth		Temp.	Sal.		$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Srf. method	Extra info.						
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60		61 62 63	64					77	78			
02	0000	1851	07692	0442	650					847	0.02	0.46	11.0	3	3						
	0005	1850	07692	0442	646					849	0.04	0.41	10.0								
	0010	1847	07694	0443	645					850	0.04	0.45	10.0								
	0015	1848	07692	0443	644					849	0.04	0.36	10.5								
	0020	1220	07748	0554	637					829	0.12	0.42	12.5								
	0030	0542	07866	0625	763					816	0.27	0.49	13.5								
	0040	0498	08064	0642	752					809	0.33	0.52	14.5								
	0050	0476	08905	0710	675					798	0.51	0.72	17.0								
	0060	0527	11012	0875	579					788	0.57	0.79	20.0								
	0070	0511	12335	0980	507					781	0.74	0.95	24.5								
	0080	0518	13084	1039	487					779	0.78	1.00	25.5								
	0091	0483	13765	1095	413					786	0.92	1.34	34.0								
BT Slide Sk			196/11601/72			Observer: Carlberg															
										NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N								
										μgat/l	μgat/l	μgat/l	μgat/l								
	0000									0.09	0	0.43	22.30								
	0005									0.03		0.30									
	0010									0.01		0.29									
	0015									0	0	0.22									
	0020									0	0.01	0.24	14.53								
	0030									0.04	0.05	0.28	13.84								
	0040									0.19		0.33									
	0050									0.49	0.23	0.39	17.01								
	0060									1.24	0.11	0.34	14.74								
	0070									1.24		0.30									
	0080									1.54		0.27									
	0091									2.50	0.04	0.29									

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Rysshålan

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0224	55	38	018	36	0	972	08	19	08	0096	01	019	29	10	173		6	8	30																										
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P μgat/l	Tot. P μgat/l	Alkal. Mval/l	Sol. method	Extra info.																																	
					ml/l	%																																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
08	0000	1897	07576	0425	652			855	0.02	0.51	1.509	33																																	
	0005	1893	07575	0426	645			858	0.04	0.45	1.509																																		
	0010	1890	07575	0427	629			858	0.02	0.49	1.507																																		
	0015	1892	07579	0426	646			859	0.02	0.46	1.499																																		
	0020	1593	07600	0485	617			851	0.05	0.30	1.517																																		
	0030	0619	07650	0605	765			825	0.13	0.35	1.517																																		
	0040	0467	07710	0616	805			817	0.18	0.38	1.524																																		
	0050	0427	07824	0627	780			808	0.25	0.48	1.514																																		
	0060	0346	07930	0637	767			802	0.37	0.65	1.524																																		
	0070	0345	08972	0720	392			771	1.11	1.35	1.572																																		
	0080	0475	10497	0837	079			749	1.90	1.82	1.635																																		
	0090	0485	11648	0927	183			751	1.67	1.96	1.667																																		
	0096	0481	11796	0940	228			762	1.70	1.97	1.675																																		
						SiO <sub>2</sub>	NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot. N																																			
						μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																			
	0000					10.5	0.16	0.01	1.01																																				
	0005					10.0	0		1.31																																				
	0010					9.5	0		0.47																																				
	0015					10.0	0		0.31																																				
	0020					10.0	0	0.01	0.26																																				
	0030					11.0	0	0	0.21																																				
	0040					11.5	0		0.29																																				
	0050					13.0	0.06	0.09	0.25																																				
	0060					14.1	0.07		0.42																																				
	0070					33.0	0.84	0.15	0.33																																				
	0080					52.5	2.32		0.14																																				
	0090					50.0	3.82		0.19																																				
	0096					48.5	3.24	0.05	0.60	17.19																																			

BT Slide Sk 197/11601/72 Observer: Engström

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Klaipeda S 22

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0225	56	08	019	17	0	972	08	19	13	0128	01	019	02	20	180				6	8	3	0																							
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Alkal	Sol. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
13	0000	1926	07559	0416	627			860	0.04	0.45	1.5093	3																																	
	0005	1930	07563	0415	633			863	0.02	0.42	1.517																																		
	0010	1925	07561	0416	661			865	0.04	0.50	1.512																																		
	0015	1923	07558	0417	636			868	0.04	0.46	1.514																																		
	0020	0927	07622	0580	717			838	0.04	0.27	1.522																																		
	0030	0530	07686	0612	787			821	0.13	0.35	1.517																																		
	0040	0401	07768	0622	793			814	0.28	0.43	1.524																																		
	0050	0357	07868	0632	802			808	0.29	0.50	1.524																																		
	0060	0293	08045	0646	758			799	0.40	0.64	1.529																																		
	0070	0368	09240	0742	368			769	1.43	1.79	1.597																																		
	0080	0451	10386	0829	145			748	2.37	2.70	1.635																																		
	0090	0494	11175	0890	165			748	2.08	2.23																																			
	0100	0475	11653	0928	262			756	1.48	1.81	1.682																																		
	0128	0461	11939	0950	336			753	1.54	2.06	1.825																																		
								SiO <sub>2</sub>		NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N																																
								$\mu\text{gat/l}$		$\mu\text{gat/l}$	$\mu\text{gat/l}$	$\mu\text{gat/l}$	$\mu\text{gat/l}$																																
	0000				10.0			0.07		0.02	0.42	20.50																																	
	0005				9.5			0			0.21																																		
	0010				9.5			0			0.21																																		
	0015				9.0			0			0.22																																		
	0020				10.0			0	0.02	0.12	15.06																																		
	0030				11.5			0	0.01	0.12	16.00																																		
	0040				12.0			0		0.24																																			
	0050				11.5			0		0.42																																			
	0060				16.0			0.07	0.08	0.58	17.01																																		
	0070				38.0			2.24		0.12																																			
	0080				50.5			2.56		0.06																																			
	0090				52.5			3.66	0.03	0.07	19.06																																		
	0100				45.5			2.99		0.47																																			
	0128				39.5			2.94	0.04	0.65	23.41																																		

BT Slide Sk 198/11601/72 N 56°07.5' E 19°17' Observer: Engström

Secchi disc: 7 m



11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

När II

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0227	56	59	018	47	0	972	08	19	19	0067	01	016	36	14	180			2	83	0																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P μgat/l	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
19	0000	1806	07351	0426	663			851																	33																				
	0005	1803	07350	0427	658			853	0.06																																				
	0010	1805	07350	0427	660			853	0.06																																				
	0015	1804	07352	0427	661			853	0.06																																				
	0020	1106	07536	0553	710			838	0.06																																				
	0030	0538	07633	0609	786			821	0.08																																				
	0040	0444	07733	0620	763			809	0.21																																				
	0050	0366	07826	0628	779			803	0.30																																				
	0060	0309	08556	0687	539			780	0.31																																				
	0067	0327	08772	0703	484			759	0.88																																				
BT Slide Sk 200/11601/72 Observer: Engström																																													

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

När III

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0228	57	05	018	42	0	972	08	19	21	0028	00	012	36	14	180			2	83	0																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P μgat/l	Sal. method	Extra info.																																			
26	27	28	29	30	31	32					33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
21	0000	1848	07329	0416	657			855	0.00															33																					
	0005	1844	07328	0414	658			859	0.14																																				
	0010	1832	07329	0419	651			859	0.03																																				
	0015	1314	07407	0516	668			844	0.04																																				
	0020	0603	07492	0593	735			819	0.18																																				
	0028	0583	07512	0596	739			792	0.28																																				
BT Slide Sk 201/13259/72 Observer: Engström																																													





11 "Skagerak"

1972

Station

77 Sweden

6/9

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																														
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61																												
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64							
0230	57	24	019	26	0	972	08	20	02	0116	01	016	36	12	180							2	7	3	0																											
Obs. time	Obs. depth	Temp.		Sal.	σ <sub>t</sub>	Oxygen		pH	PO <sub>4</sub> -P		Sol. method	Extra info.																																								
26	27	28	29	30	31	32	33	34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64																		77	78					
02	0000	1853		07231	0407	659				855	0.02																																			33						
	0005	1856		07228	0406	658				857	0.00																																									
	0010	1851		07229	0407	656				858	0.03																																									
	0015	1848		07229	0408	653				858	0.04																																									
	0020	0758		07372	0572	718				829	0.12																																									
	0030	0474		07483	0597	773				815	0.26																																									
	0040	0529		07606	0605	791				818	0.14																																									
	0050	0416		07726	0627	784				811	0.28																																									
	0060	0300		07952	0640	734				796	0.44																																									
	0070	0331		08902	0649	410				765	1.05																																									
	0080	0451		10161	0846	085				741	1.94																																									
	0090	0515		10815	0860	062				739	2.25																																									
	0100	0554		11278	0894	046				740	2.37																																									
	0116	0542		11677	0926	016				752	2.61																																									
BT Slide Sk 203/11601/72 N 57°23.5' E 19° 26' Observer: Carlberg																																																				

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

5/9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0231	57	22	019	44	0	972	08	20	04	0175	02	016	36	10	180			2	83	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P		Sol. method	Extra info.									
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58	59 60		61 62 63 64	μgat/l											
04	0000	1863	07338	0413	645		855	0.02			33									
	0005	1863	07337	0413	648		858	0.01												
	0010	1862	07337	0413	644		859	0.02												
	0015	1815	07326	0422	637		859	0.02												
	0020	0670	07571	0596	782		832	0.10												
	0030	0526	07679	0612	801		820	0.17												
	0040	0450	07725	0620	798		815	0.20												
	0050	0326	07794	0626	807		808	0.29												
	0060	0264	08041	0646	721		793	0.52												
	0070	0371	09326	0746	319		764	1.23												
	0080	0468	10377	0827	045		745	2.05												
	0090	0517	10877	0865	068		739	2.23												
	0115	0544	11843	0938	081		742	2.25												
	0140	0531	12417	0985	042		741	3.27												
	0160	0529	12573	0997	048		745	3.61												
BT Slide Sk 204/13268/72 N 57°21.5' E 19°44'												Observer: Engström								

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Gotland Deep F 81

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Wearlier	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0232	57	20	020	03	0	972	08	20	06	0241	02	012	02	06	190								2	7	30			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Alkal.	Sal. method	Extra info.																
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
06	0000	1829	07232	0411	649			840	0.05	0.44	1.527	33																
	0005	1827	07231	0411	657			852	0.04	0.49	1.509																	
	0010	1833	07232	0410	654			853	0.02	0.40	1.499																	
	0015	1125	07284	0522	736			842	0.09	0.34	1.487																	
	0020	0611	07361	0582	819			826	0.15	0.40	1.507																	
	0030	0436	07509	0602	842			819	0.14	0.36	1.527																	
	0040	0429	07613	0610	819			814	0.17	0.38	1.524																	
	0050	0344	07728	0621	819			808	0.16	0.63	1.522																	
	0060	0270	07956	0641	752			796	0.47	0.64	1.532																	
	0070	0353	09154	0732	305			764	1.02	1.66	1.584																	
	0090	0492	10639	0854	061			744	2.05	2.38	1.629																	
	0100	0543	11072	0877	046			737	2.58	2.90	1.642																	
	0125	0514	11825	0942	100			740	2.11	2.09	1.670																	
	0150	0528	12341	0978	057			741	3.01	3.22	1.702																	
	0175	0526	12528	0994	056			744	3.26	3.51	1.710																	
	0200	0494	12627	1005	177			747	2.09	2.43	1.692																	
	0225	0499	12763	1013	196			749	2.12	2.41	1.692																	
	0240	0503	12842	1020	004			753	5.91	8.95	1.888																	
BT Slide Sk 205/13268/72 , Sk 206/13259/72										Observer: Engström																		





11 "Skagerak"

1972

Station

77 Sweden

Färö Deep F 80

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60
0233	58	00	019	57	0	972	08	20	13	0199	02	014	36	06	185					4	8	30	
Obs. time	Obs. depth	Temp.			Sal.	$\sigma_t$			SiO <sub>2</sub>	NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N		Sol. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	$\mu\text{gat}/\text{l}$	$\mu\text{gat}/\text{l}$	$\mu\text{gat}/\text{l}$	$\mu\text{gat}/\text{l}$	$\mu\text{gat}/\text{l}$											
13	0000								10.5	0.06	0	0.38	26.17										
	0005								9.5	0		0.22											
	0010								9.5	0		0.16											
	0015								10.0	0	0.01	0.17	15.51										
	0020								12.0	0	0.01	0.13	17.61										
	0030								11.5	0		0.10											
	0040								11.0	0	0.02	0.24											
	0050								12.5	0		0.38											
	0060								17.5	0.11	0.11	0.56	20.25										
	0070								46.0	1.11		0.24											
	0080								56.5	1.91	0.03	0.09	17.22										
	0090								59.0	3.47		0.09											
	0100								62.0	5.40	0.02	0.06											
	0125								70.0	0.14		0.09											
	0150								79.0	0.06	0.01	0.63	19.07										
	0175								75.0	1.94		0.39											
	0190								75.0	1.30	0.41	0.25	17.61										

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

F 79

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	o	r	o	r		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0234	58	27	020	20	0	972	08	20	16	0119	01	016	05	06	190			4	93	0	
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	$PO_4-P$ $\mu\text{g}/\text{l}$	Tot.P $\mu\text{g}/\text{l}$	$H_2S$ $\mu\text{g}/\text{l}$	Sal. method	Extra info.								
		32 33	34 35			36 37	38 39 40							41 42	43 44 45	58 59 60	61 62 63 64				
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60	61 62 63 64			77	78								
16	0000	1883		06896		0376		685		844	0.04	0.60								3	3
	0005	1887		06896		0375		685		847	0.05	0.39									
	0010	1862		06894		0380		670		847	0.04	0.43									
	0015	1854		06894		0382		656		847	0.04	0.35									
	0020	0493		07214		0577		838		826	0.16	0.32									
	0030	0347		07355		0592		872		817	0.20	0.51									
	0040	0370		07438		0597		867		816	0.26	0.51									
	0050	0335		07528		0605		845		810	0.37	0.48									
	0060	0298		07788		0627		771		798	0.47	0.66									
	0070	0379		09409		0753		201		754	1.70	1.86									
	0080	0450		10181		0812		033		741	2.20	2.45									
	0090	0502		10773		0857		010		739	2.57	2.76									
	0100	0518		10951		0871		0		739	2.50	2.69	0								
	0119	0513		11106		0875				731	3.11	3.41	9.0								
BT Slide Sk 208/116001/72 N58°26.5' E 20°20' Observer: Carlberg																					



11 "Skagerak"

1972

Station

77 Sweden

L 17 (F 74)

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64	
0235	59	02	021	05	0	972	08	20	22	0155	02	013	05	06	184			1	53	0		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P µgat/l	H <sub>2</sub> S µgat/l	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60						61 62 63 64	77 78							
22	0000	1899	06490	0342			658		839	0.03			33									
	0005	1893	06490	0343			656		843	0.05												
	0010	1888	06500	0345			658		844	0.02												
	0015	1425	06701	0444			637		827	0.02												
	0020	0500	07022	0560			808		816	0.10												
	0030	0405	07268	0583			867		817	0.11												
	0040	0291	07390	0595			889		814	0.15												
	0050	0302	07500	0604			867		810	0.16												
	0060	0245	07809	0628			762		795	0.28												
	0070	0354	09122	0731			289		757	0.88												
	0080	0446	10278	0821			009		739	1.40												
	0090	0463	10529	0840			009		735	1.51												
	0100	0473	10677	0851			006		735	1.46												
	0125	0489	10991	0874			0		736	1.46	7.9											
	0150	0504	11133	0885			0		736	1.45	11.4											
	0155	0493	11180	0889			0		736	1.46	11.7											
BT Slide Sk 209/11601/72													Observer: Carlberg									

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Finska vikens mynning  
F 72 L 15

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0236	59	18	021	34	0	972	08	21	01	0176	02	014	00	00	185						1	41	0
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Alkal.	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63			64	77	78							
01	0000	1849	06519	0354	668				840	0.02	0.45	1.381	3	3									
	0005	1848	06507	0354	665				843	0.01	0.40	1.384											
	0010	1849	06504	0354	661				844	0.01	0.37	1.384											
	0015	1240	06432	0449	689				826	0.01	0.36	1.371											
	0020	0527	06631	0529	788				814	0.06	0.39	1.401											
	0030	0430	07188	0576	840				814	0.20	0.40	1.487											
	0040	0378	07326	0590	864				814	0.13	0.45	1.489											
	0050	0314	07503	0605	852				810	0.29	0.57	1.517											
	0060	0253	07922	0636	695				790	0.66	1.00	1.509											
	0070	0356	09312	0746	219				754	1.69	2.02	1.629											
	0080	0426	10202	0815	022				741	2.59	3.24	1.665											
	0090	0435	10328	0825	006				735	2.82	3.71	1.670											
	0100	0437	10359	0828	010				735	2.97	3.73	1.670											
	0125	0462	10652	0850	0				735	1.60	3.57	1.680											
	0150	0469	10726	0856	0				736	1.83	3.46	1.692											
	0176	0464	10744	0857	0				734	2.43	3.82	1.697											
BT Slide Sk 210/13259/72														N 59°17.8' E 21°34'		Observer: Engström							



11 "Skagerak"

1972

Station

77 Sweden

L 19, F 75, BY 29

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0237	58	53	020	19	0	972	08	21	06	0182	02		05	10	175			2	83	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Alkal	Sal. method	Extra info.								
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	ml/l		%	$\mu\text{gat/l}$	$\mu\text{gat/l}$			Mval/l	77	78					
07	0000	1848	06470	0351	660			839	0.04	0.45	1.391	33								
	0005	1853	06469	0350	660			842	0.06	0.47	1.436									
	0010	1849	06469	0351	665			842	0.03	0.42	1.431									
	0015	1813	06591	0366	638			840	0.05	0.40	1.394									
	0020	0499	07111	0568	830			823	0.22	0.28	1.484									
	0030	0404	07279	0584	866			812	0.19	0.35	1.497									
	0040	0374	07363	0592	888			812	0.24	0.46	1.512									
	0050	0321	07430	0598	863			813	0.28	0.42	1.594									
	0060	0266	07571	0608	833			808	0.38	0.52	1.547									
	0070	0257	07999	0643	693			789	0.72	0.88	1.612									
	0080	0407	09831	0786	090			750	1.97	1.48	1.657									
06	0090	0459	10364	0825				732	2.35	2.63	1.642									
	0100	0477	10687	0852				732	2.77	3.13	1.677									
	0125	0512	11091	0882				734	3.12	3.45	1.667									
	0150	0524	11448	0910				735	3.06	3.36	1.725									
	0182	0523	11565	0918				735	3.38	3.90	1.650									
BT Slide Sk 211/13259/72												Observer: Engström								

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

L 21 (P 77)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0238	58	47	019	06	0	972	08	21	11	0186	02	018	05	08	170			1	63	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P μgat/l	H <sub>2</sub> S μgat/l	Sal. method	Extra info.								
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64													
11	0000	1857	06710	0367		661		840	0.05			33								
	0005	1855	06714	0368		654		841	0.04											
	0010	1851	06712	0368		657		844	0.06											
	0015	1851	06715	0368		636		843	0.06											
	0020	0564	07078	0563		797		820	0.17											
	0030	0395	07305	0587		860		814	0.27											
	0040	0331	07410	0595		854		810	0.32											
	0050	0311	07551	0608		847		809	0.33											
	0060	0256	07916	0636		742		792	0.56											
	0070	0393	09707	0778		138		751	1.95											
	0080	0445	10276	0820		025		741	2.38											
	0090	0481	10634	0847				737	2.31	3.5										
	0100	0490	10816	0862		013		736	2.60	0										
	0125	0510	11144	0886		012		736	2.77	0										
	0150	0526	11238	0893				736	2.80	2.4										
	0186	0510	11295	0899				732	2.93	2.2										
BT Slide Sk 212/13259/72													Observer: Engström							

11 "Skagerak"

1972

Station

77 Sweden

Landsort Deep F 78

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0239	58	35	018	14	0	972	08	21	14	0459	04	019	02	16	180		5	83	0	
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	NO <sub>3</sub> <sup>-</sup> -N		NO <sub>2</sub> <sup>-</sup> -N		Tot.N		H <sub>2</sub> S		SiO <sub>2</sub>		Sat. method	Extra info			
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	μgat/l		μgat/l		μgat/l		μgat/l		77	78			
15	0000							0.04	0.03	32.50 <sup>X</sup>				13.5						
	0005							0	0.03					12.0						
	0010							0	0.02					12.2						
	0015							0	0.02	18.08				12.6						
	0020							0.03	0.08	17.42				14.5						
	0030							0.12	0.15	13.22				16.5						
	0040							0.14	0.12					18.5						
	0050							0.41	0.25	12.57				23.5						
	0060							2.01	0.06					51.5						
	0070							2.28	0.06	15.12				60.5						
	0080							1.87	0.06					63.0						
	0090							1.78	0.08					64.0						
14	0100							0.07	0.17	12.16		0		64.5						
	0125							0.61	0.03			0		65.0						
	0150							0.06	0.01			3.4		67.0						
	0200							0	0.02	21.64		4.4		70.0						
	0300							0	0.02	14.50		3.6		66.5						
	0400							0	0.03			3.6		66.0						
	0425							0	0.02			3.7		67.5						
	0440							0	0.02	14.56		3.7		66.5						



11 "Skagerak"

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Station

77 Sweden

Segerstad III

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54
0240	56	19	016	41	0	972	08	22	22	0045	00	05†	34	20	140							1	23	0
Obs. time	Obs. depth	Temp.		Sal.	σ <sub>t</sub>	Oxygen		pH	PO <sub>4</sub> -P		Sol. method	Extra info.												
		ml/l	%			μgat/l	μgat/l																	
26 27	28 29 30 31	32 33	34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64			77	78												
22	0000	1706	07154	0426	660				829	0.05		33												
	0005	1706	07154	0426	660				833	0.07														
	0010	1707	07156	0426	660				835	0.07														
	0015	1707	07154	0426	661				835	0.03														
	0020	1707	07153	0426	662				836	0.07														
	0030	1705	07154	0426	661				836	0.09														
	0040	1707	07172	0426	661				837	0.08														
BT Slide Sk 215/13259/72													Observer: Varlberg											



11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Ölands södra udde BY 39

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64
0241	56	07	016	32	0	972	08	22	23	0050	00			34	18	150			1	1	40
Obs. time	Obs. depth	Temp.		Sal.		$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Alkal	Sol. method	Extra info.						
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60	61 62 63 64		77 78	μgat/l	μgat/l			Mval/l					
23	0000	1700	07212	0435	666			835	0.08	0.47	1.4593	3									
	0005	1695	07215	0438	663			834	0.03	0.53	1.469										
	0010	1703	07215	0436	663			836	0.08	0.38	1.482										
	0015	1696	07216	0438	666			837	0.10	0.42	1.464										
	0020	1699	07221	0436				837	0.11	0.46	1.484										
	0030	1708	07254	0436	667			837	0.16	0.45	1.482										
	0040	1679	07251	0444	659			837	0.11	0.46	1.484										
	0050	0695	07836	0614	721			802	0.18	0.68	1.527										
BT Slide Sk 216/13259/72 Observer: Carlberg																					
								SiO <sub>2</sub>	NO <sub>3</sub> -N	NO <sub>2</sub> -N	NH <sub>4</sub> -N	Tot.N									
								μgat/l	μgat/l	μgat/l	μgat/l	μgat/l									
	0000							13.5	0.03	0.01	0.68										
	0005							14.5	0.08	0.02	0.66										
	0010							13.5	0	0.02	0.67	21.83									
	0015							14.0	0	0.01	1.03										
	0020							13.5	0	0.01	0.65	29.74									
	0030							14.0	0	0.01	0.78										
	0040							14.0	0	0.01	0.76	27.66									
	0050							16.0	0.32	0.06	0.66	26.77									

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Hanö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0242	55	37	014	52	0	972	08	23	06	0076	01	023	34	16	150			0	03	0
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Alkal	Sai. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37 38 39 40	41 42	43 44 45	58 59 60		61 62 63 64	$\mu\text{gat}/1$	$\mu\text{gat}/1$			Mval/1	77	78				
06	0000	1775	07736	0432	667			836	0.08	0.39	1.489		33							
	0005	1774	07736	0432	664			839	0.06	0.39	1.492									
	0010	1773	07735	0433	667			839	0.05	0.45	1.489									
	0015	1774	07734	0433	656			840	0.10	0.49	1.502									
	0020	1770	07735	0433	655			840	0.07	0.53	1.509									
	0030	0618	07954	0628	751			816	0.24	0.53	1.507									
	0040	0608	08437	0667	688			801	0.38	0.66	1.542									
	0050	0868	10834	0834	551			789	0.42	0.75	1.624									
	0060	0698	14715	1154	401			775	0.83	1.16	1.750									
	0070	0459	16172	1286	424			776	0.96	1.48	1.790									
	0076	0400	16738	1333	321			763	0.97	1.38	1.823									
									NO <sub>3</sub> -N	NO <sub>2</sub> -N	NH <sub>4</sub> n	Tot.N	SiO <sub>2</sub>							
									$\mu\text{gat}/1$	$\mu\text{gat}/1$	$\mu\text{gat}/1$	$\mu\text{gat}/1$	$\mu\text{gat}/1$							
	0000								0	0.01	0.21		12.0							
	0005								0	0.01	0.22		10.5							
	0010								0	0.01	0.25		10.5							
	0015								0	0.01	0.21		10.5							
	0020								0	0.01	0.22		10.5							
	0030								0	0.01	0.33	21.04	14.0							
	0040								0.09	0.11	0.36		15.5							
	0050								0.63	0.27	0.27		18.0							
	0060								1.99	0.05	0.21		31.5							
	0070								3.00	0.03	0.16		30.0							
	0076								3.77	0.04	0.19	21.24	33.0							
BT Slide Sk 217/11601/72 Observer: Engström																				

11 "Skagerak"

1972

Station

77 Sweden

Öresund III

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.					NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	o	'	o	'	o	'	Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb	58	59	60					61	62	63	64																	
	5	6	7	8	9	10	11		12	13	14					15	16	17	18	19	20					21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55
0243	55	36	012	51	0	972	08	23	17	0008	00	008	X	32	16	170									1	4	20																			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sal. method		Extra info.																																		
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		$\mu\text{gat}/1$	$\mu\text{gat}/1$																																					
17	0000	1714	10622	0692	627		823	0.38	0.76			33																																		
	0002	1715	10625	0693	625		824	0.38	0.76																																					
	0004	1713	10616	0692	623		825	0.37	0.76																																					
	0006	1713	10613	0692	621		825	0.37	0.75																																					
	0008	1712	10513	0685	445		820	0.38	0.83																																					
	0000							NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N																																				
	0002							$\mu\text{gat}/1$	$\mu\text{gat}/1$	$\mu\text{gat}/1$																																				
	0004							0.11	0.03	0.60																																				
	0006							0.25	0.03	0.70																																				
	0008							0.11	0.04	0.66																																				
								0.11	0.06	0.70																																				
								0.12	0.06	0.68																																				

N 55°35.5' E 12°50.5'

Observer: Engström

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 7

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0244	55	46	012	48	0	972	08	23	18	0020	00			32	20	170					2	83	0																						
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
18	0000	1724	14787	1007	659		832	0.37	0.94	3	3																																		
	0005	1720	15028	1026	672		834	0.38	0.97																																				
	0010	1699	18808	1319	621		830	0.43	0.53																																				
	0015	1323	24685	1840	476		805	0.92	1.58																																				
	0020	1075	30572	2339	369		797	1.31	1.89																																				
BT Slide Sk 218/13259/72 N 55°46.2' E 12°47.8' Observer: Engström																																													
								NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N																																			
								µgat/l	µgat/l	µgat/l																																			
	0000							0.03	0.05	0.18																																			
	0005							0	0.07	0.08																																			
	0010							0.32	0.04	0.13																																			
	0015							0.85	0.11	0.93																																			
	0020							2.22	0.18	0.88																																			

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

S Trelleborg

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0245	55	14	013	16	0	972	09	06	01	0041	00			27	10	160					9	9	20																						
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P	Sol. method	Extra info.																																			
26	27	28	29	30	31	32		33			34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
01	0000	1634	07970	0506	688		0.65																																						
	0040	1435	14820	1065	415		1.32																																						
Observer: Hagberg N 55°13.5' E 13°16'																																													







11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

ENE Christiansö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58
0255	55	31	016	16	0	972	09	08	03	0075	01		07	06	170							14	2	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.													
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		ml/l	%			$\mu\text{gat/l}$	77 78											
03	0000	1588	07519	0480	676				0.38															
	0074	0424	16471	1311	371				1.18															
Observer: Hagberg																								

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

Y L 10

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58
0256	55	40	016	04	0	972	09	08	05	0070	01		23	04	165							6	8	10
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.													
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		ml/l	%			$\mu\text{gat/l}$	77 78											
05	0000	1645	07684	0480	674				0.35															
	0069	0441	16211	1290	312																			
Observer: Hagberg																								

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

I U 10

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58
0257	55	45	015	56	0	972	09	08	07	0064	01		23	08	165							2	8	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.													
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		ml/l	%			$\mu\text{gat/l}$	77 78											
07	0000	1636	07639	0481	686				0.37															
	0063	0534	14822	1175	219				1.56															
Observer: Hagberg																								







11 "Skagerak"

1972

Station

77 Sweden

F 81

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0264	57	20	020	03	0	972	09	13	04	0236	02			20	08	130						1	3	20		
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.														
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61
04	0090	0493	10894	0868	131																					30
	0100	0521	11237	0894	098																					
	0125	0510	12012	0954	113																					
	0150	0524	12422	0986	039																					
	0175	0533	12574	0998	030																					
	0200	0512	12672	1007	090																					
	0225	0496	12794	1017	147																					8
BT Slide Sk 220/13268/72													Observer: Lindblom													

11 "Skagerak"

1972

Station

77 Sweden

ESE När

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0265	57	11	018	50	0	972	09	13	11	0041	00			00	00	160								4	2	20
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.														
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61
11	0000	1538	07212	0466	699																					38
	0040	0454	07710	0617	726																					
N 57°10.5' E 18°49.6'													Observer: Lindblom													



11 "Skagerak"

1972

Station

77 Sweden

9 A

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0268	56	07	019	16	0	972	09	13	23	0127	01		36	12	140					6	83	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		ml/l	%			$\mu\text{gat/l}$	77	78									
23	0000	1438	07399	0496	731				0.43		38												
	0090	0522	11070	0880	084						0												
	0100	0491	11470	0914	171																		
	0110	0490	11870	0944	272																		
	0120	0483	12081	0962	279				1.42		8												
BT Slide Sk 222/11601/72												Observer: Hagberg											

11 "Skagerak"

1972

Station

77 Sweden

8 A

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0269	55	38	018	36	0	972	09	14	05	0095	01		36	16	125					6	83	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		ml/l	%			$\mu\text{gat/l}$	77	78									
05	0000	1504	07628	0503	696				0.43		38												
	0080	0442	10135	0810	092						0												
	0090	0535	12603	1000	407				1.10		8												
BT Slide Sk 223/11601/72												Observer: Hagberg											

11 "Skagerak"

1972

Station

77 Sweden

S 23

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					60	61	62
0270	55	13	017	04	0	972	09	14	22	0090	01		05	12	145			2	83	0			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot. P $\mu\text{gat}/l$	Sal. method	Extra info.													
					ml/l	%																	
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60	61 62 63 64													77	78	
22	0000	1556	07653	0496		672																	
	0070	0589	12636	1000		468																	
	0080	0542	13877	1100		382																	
	0089	0524	14274	1132		384																	
BT Slide Sk 225/11601/72 Observer: Hagberg																							

11 "Skagerak"

1972

Station

77 Sweden

III:1

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					60	61	62
0271	55	50	015	48	0	972	09	18	09	0053	01		02	160				4	5	10			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot. P $\mu\text{gat}/l$	Sal. method	Extra info.													
					ml/l	%																	
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60	61 62 63 64															
09	0000	1567	07348	0472		670																	
	0052	0654	08485	0669		625																	
BT Slide Sk 226/13259/72 Observer: Hagberg																							

11 "Skagerak"

1972

Station

77 Sweden

Inre U 10

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0272	55	45	015	56	0	972	09	18	10	0065	01		00	00	160			4	5	10
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	Tot.P $\mu\text{g}/\text{l}$	Sal. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58					59 60	61 62 63 64	77	78				
10	0000	1548	07264	0468			677			0.38		3	8							
	0065	0452	16110	1281			314			1.22										
Observer: Lindblom																				

11 "Skagerak"

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Station

77 Sweden

Y U 10

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0273	55	40	016	04	0	972	09	18	13	0070	01		27	02	165			2	8	1	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	Tot.P $\mu\text{g}/\text{l}$	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58					59 60	61 62 63 64	77	78					
14	0000	1535	07389	0479			697			0.45		3	8								
	0069	0434	16361	1301			355			1.29											
Observer: Hagberg																					

11 "Skagerak"

1972

Station

77 Sweden

ENE Christiansø

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0274	55	31	016	16	0	972	09	18	16	0075	01		27	02	152			1	4	1	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	Tot.P $\mu\text{g}/\text{l}$	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58					59 60	61 62 63 64	77	78					
16	0000	1546	07341	0474			708			0.42		3	8								
	0074	0426	16631	1324			370			2.33											
BT Slide: Sk227/11601/72												Observer: Hagberg									

11 "Skagerak"

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Station

77 Sweden

Hydro Depth Observations (Code 03)

S 24

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58
0275	55	15	016	00	0	972	09	18	19	0090	01		00	00	140						1	3	1	0
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		56 59 60	61 62 63 64			$\mu\text{gat}/1$	77	78									
19	0000	1588	07626	0589	742					1.39		3	8											
	0080	0424	16969	1351	449								0											
	0085	0411	17740	1413	330					1.85			8											
	0089	0415	17742	1413	332								0											
BT Slide Sk 228/11601/72													Observer: Hagberg											

11 "Skagerak"

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Station

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Hydro Depth Observations (Code 03)

SW Utklippan

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58	59 60	61
0276	55	43	015	22	0	972	09	20	13	0063	01		27	08	170											
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		56 59 60	61 62 63 64			$\mu\text{gat}/1$	77	78											
13	0000	1588	07680	0592	693					0.76		3	8													
	0010	1566	07631	0593	677								0													
	0020	1582	07696	0595	649																					
	0030	0690	07824	0614	686																					
	0040	0667	08145	0640	689																					
	0050	0789	10161	0790	558																					
	0060	0894	14174	1092	390					1.19			8													
BT Slide Sk 230/11601/72													N 55°42.5' E 15°22' Observer: Hagberg													



11 "Skagerak"

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Station

77 Sweden

Hydro Depth Observations (Code 03)

4 B

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64	
0277	55	23	015	20	0	972	09	20	16	0091	01			27	08	142			4	62	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sol. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 : 64	77	78						
16	0000	1486	07792	0519	684				1.46		3	B									
	0080	1459	17133	1233	385				2.30												
	0090	0419	17970	1431	233							0									
BT Slide Sk 231/11601/72												Observer: Hagberg									

11 "Skagerak"

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Station

77 Sweden

Hydro Depth Observations (Code 03)

SW Vinga

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64	
0278	57	33	011	32	0	972	10	25	10	0080	01	017	27	22	090			1	3	30	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P		Tot.P	Sol. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58				59 60	61 62 63 : 64	77	78					
10	0000	1053	31637	2427	599				830	0.16	0.42										33
	0005	1053	31631	2426	610				834	0.16	0.35										
	0010	1051	31634	2427	629				834	0.17	0.33										
	0015	1053	31630	2426	627				836	0.17	0.35										
	0020	1072	32448	2486	625				836	0.09	0.32										
	0030	1072	33787	2590	556				831	0.33	0.50										
	0040	0991	34455	2656	537				827	0.48	0.70										
	0050	0932	34727	2688	505				826	0.65	0.85										
	0060	0854	34941	2716	505				824	0.71	0.85										
	0070	0797	35072	2727	515				820	0.79	0.98										
BT Slide Sk 236/11601/72												N 57°33.1' E 11°31.5' Observer: Engström									

11 "Skagerak"

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Station

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Hydro Depth Observations (Code 03)

Fladen

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64		
0279	57	12	011	40	0	972	10	25	13	0065	01	007	27	24	100				1	2	30	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	NO <sub>3</sub> <sup>-</sup> -N	Sal. method	Extra info.										
					ml/l	%		μgat/l	μgat/l	μgat/l												
26 27	28 29 30 31	32 33 : 34 35	36 37 : 38 39 40	41 42 : 43 44 45	58 59 60	61 62 63 : 64					77	78										
13	0000	1012	29989	2304	661		831	0.16	0.49	0.7		33										
	0005	1010	29977	2304	661		833	0.13	0.41	0.6												
	0010	1064	30861	2364	635		833	0.20	0.40	0.8												
	0015	1074	31023	2376	625		833	0.22	0.39	0.9												
	0020	1083	31307	2397	618		833	0.20	0.44	1.3												
	0030	1086	31448	2407	618	970	833	0.21	0.36	1.1												
	0040	1147	33420	2548	470	756	823	0.53	0.69	2.3												
	0050	1040	34202	2627	400	631	814	0.79	1.05	4.4												
	0060	1009	34374	2647	405	636	816	0.84	1.09	5.1												
								NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N												
								μgat/l	μgat/l	μgat/l												
	0000							0.10	0.32	12.1												
	0005								0.22													
	0010							0.15	0.11	7.0												
	0015								0.23													
	0020								0.26													
	0030							0.24	0.24	9.9												
	0040								0.17													
	0050								2.07													
	0060							0.06	0.16	12.1												
BT Slide Sk 2 7/11601/72 N 57°11.5' E 11°40' Observer: Engström																						

11 "Skagerak"

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Station

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Hydro Depth Observations (Code 03)

L:a Middelgrund

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0280	56	58	011	46	0	972	10	25	15	0100	01	011	23	12	100						2	7	3	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sol. method	Extra info.													
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		µgat/l	µgat/l			77 78												
15	0000	0978	28031	2158	680		835	0.13	0.47		33													
	0005	1058	27884	2135	684		835	0.11	0.52															
	0010	0997	28799	2144	667		836	0.15	0.49															
	0015	1051	30293	2322	641		834	0.19	0.60															
	0020	1061	32236	2471	625		829	0.19	0.51															
	0030	1137	33347	2546	474		822	0.48	0.70															
	0040	1124			391		816	0.67	0.94															
	0050	1101	33493	2562	365		814	0.75	1.04															
	0060	1085	33575	2570	358		813	0.77	1.07															
	0070	1050	33962	2608	365		813	0.88	1.17															
	0100	1016	34136	2629	371		809	0.90	1.39															
BT Slide Sk 238/11601/72 N 56°57.5' E 11°45.5' Observer: Engström																								

11 "Skagerak"

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Station

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Hydro Depth Observations (Code 03)

St. Middelgrund

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0281	56	34	012	13	0	972	10	25	18	0042	00	009	20	16	100						1	6	3	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sol. method	Extra info.													
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		µgat/l	µgat/l			77 78												
18	0000	0963	21952	1687	713		835	0.09	0.67		33													
	0005	0959	21878	1683	714		836	0.13	0.57															
	0010	0903	25535	1975	683		837	0.14	0.48															
	0015	1070	27644	2112	612		831	0.20	0.51															
	0020	1177	31785	2416	447		820	0.50	0.68															
	0030	0998	33629	2592	315		808	0.75	1.07															
	0040	0944	33689	2604	280		803	0.98	1.49															
BT Slide Sk 239/13259/72 Observer: Bladh																								

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Kullen

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0282	56	14	012	22	0	972	10	25	21	0023	00	005	25	18	090			4	2	2	0																								
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Alk. Mval/l	Sal. method	Extra info.																																
26	27	28	29	30	31	32	33							34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78											
21	0000	0944	20436	1574	705			832	0.16	0.71		33																																	
	0005	0953	20805	1601	704			835	0.15	0.66																																			
	0010	0985	22350	1716	688			836	0.21	1.95																																			
	0015	0987	22892	1757	684			836	0.14	0.53																																			
	0020	1029	25202	1929	660			834	0.14	0.62																																			
BT Slide Sk 240/13259/72 N 56°14' E 12°22.2' Observer: Bladh																																													

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

W. Landskrona

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0283	55	52	012	45	0	972	10	25	24	0048	00	009	23	20	090			1	1	20																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Alk. Mval/l	Sal. method	Extra info.																																
26	27	28	29	30	31	32	33							34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78											
24	0000	0948	20824	1602	708			834	0.32	0.80		33																																	
	0005	0944	20807	1603	705			835	0.27	0.83	2.030																																		
	0010	0976	22398	1720	617			829	2.77	3.73	2.040																																		
	0015	0966	22519	1731	633			828	1.21	1.78	2.070																																		
	0020	1002	23878	1832	575			825	0.42	1.01	2.110																																		
	0030	1056	27058	2072	392			811	1.05	1.50	2.220																																		
	0048	1079	31143	2384	249			798	1.46	1.85	2.386																																		
BT Slide Sk 241/13259/72 N 55°51.8' E 12°45.2' Observer: Engström																																													

11 "Skagerak"

1972

Station BY 2

77 Sweden

Hydro Depth Observations (Code 03)

Arkona S 12

Station No.	Lat.		Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	°	'	°	'	''	Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb																												
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0284	55	00	014	05	0	972	10	26	10	0048	00	020	23	14	105					4	1	2	0																						
Obs. time	Obs. depth	Temp.		Sal.		$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sol. method	Extra info.																														
26	27	28	29	30	31	32	33	34	35							36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78											
10	0000	11	21	08	207	06	02	730		822	0.12	0.45	11.0		33																														
	0005	11	19	08	195	06	01	738		826	0.10	0.40	11.0																																
	0010	11	17	08	193	06	02	733		827	0.10	0.40	11.0																																
	0015	11	20	08	194	06	01	729		827	0.14	0.41	11.5																																
	0020	11	18	08	208	06	03	705		827	0.11	0.37	11.5																																
	0030	10	80	08	637	06	41	729		830	0.14	0.38	11.0																																
	0040	11	13	09	912	07	35	677		827	0.16	0.50	11.5																																
	0048	12	66	16	972	12	59	253		762	1.29	1.71	46.1																																
BT Slide Sk 242/13259/72 Secchi disc: 12 m Observer: Engström																																													
		Alkal.		NO <sub>3</sub> <sup>-</sup> -N		NO <sub>2</sub> <sup>-</sup> -N		NH <sub>4</sub> <sup>+</sup> -N		Tot.N																																			
		Mval/l		µgat/l		µgat/l		µgat/l		µgat/l																																			
	0000	1.620		0.3		0.03		1.01																																					
	0005	1.599		0.2				0.95																																					
	0010	1.632		0.3				0.79																																					
	0015	1.640		0.3				0.57																																					
	0020	1.616		0.3		0.11		0.63		9.1																																			
	0030	1.624		0.1				6.74																																					
	0040	1.678		0.2				1.12																																					
	0048	1.967		3.0		0.35		4.99		9.78																																			

11 "Skagerak"

1972

Station BY 3

77 Sweden

Hydro Depth Observations (Code 03)

Hamrarne sund

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64	
0285	55	18	014	24	0	972	10	26	13	0047	00	034	23	20	11	0			4	1	30	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Sol. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42					43 44 45	58	59 60	61 62 63 64								
13	0000	1133	07781	0568	733			823	0.09													33
	0005	1130	07788	0569	731			827	0.10													
	0010	1131	07786	0569	727			827	0.10													
	0015	1132	07782	0569	726			827	0.13													
	0020	1131	07782	0569	727			828	0.13													
	0030	1142	07857	0565	726			826	0.15													
	0040	1289	13780	0928	363			784	0.71													
	0047	1262	14263	1051	328			778	0.90													
BT Slide Sk 243/13259/72 Observer: Bladh																						
N 55°17.5' E 14°24'																						

11 "Skagerak"

1972

Station BY 4

77 Sweden

Hydro Depth Observations (Code 03)

Christiansö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0286	55	23	015	20	0	972	10	26	16	0093	01	042	20	12	100							4	13	0		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Sol. method	Extra info.																
					ml/l	%																				
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63 64																77 78
16	0000	1096	07494	0550	743			819	0.08																	33
	0005	1095	07492	0550	745			826	0.10																	
	0010	1089	07492	0551	739			826	0.08																	
	0015	1172	07498	0541	733			825	0.09																	
	0020	1086	07504	0551	744			827	0.10																	
	0030	1075	07501	0552	744			827	0.11																	
	0040	1060	07530	0556	741			827	0.11																	
	0050	0647	08663	0680	595			831	0.50																	
	0060	1000	14419	1100	327			785	0.87																	
	0070	0533	16299	1291	354			777	0.48																	
	0080	0471	16911	1343	364			772	0.95																	
	0090	0429	17662	1406	277			767	0.98																	

BT Slide Sk 244/11601/72 Observer: Bladh

11 "Skagerak"

1972

Station BY 5

77 Sweden

Bornholm Deep S 24

## Hydro Depth Observations (Code 03)

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0287	55	15		015	59	0		972	10	26	19	0093	01	047	18	12	100						1	1	20			
Obs. time	Obs. depth		Temp.	Sal.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.													
26 27	28 29	30 31	32 33	34 35	36 37	38 39	40	41 42	43 44		45	58	59 60			61 62	63 64	77	78									
19	0000		1091	07447			0548		743		818	0.09	0.33	8.5	3	3												
	0005		1090	07439			0547		742		824	0.10	0.35	7.5														
	0010		1088	07442			0547		745		826	0.10	0.40	7.5														
	0015		1092	07439			0547		739		827	0.08	0.34	7.5														
	0020		1091	07440			0547		724		827	0.08	0.37	7.0														
	0030		1090	07442			0547		736		827	0.08	0.36	7.0														
	0040		1062	07534			0557		736		825	0.10	0.39	8.0														
	0050		0605	08837			0698		597		786	0.48	0.75	17.0														
	0060		0973	12000			0914		427		781	0.55	0.77	21.0														
	0070		0605	15399			1215		358		771	0.92	1.19	32.5														
	0080		0516	17077			1354		346		773	0.87	1.11	30.5														
	0090		0450	17770			1413		251		766	0.93	1.26	33.5														
										Alkal.	NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N														
										Mval/l	μgat/l	μgat/l	μgat/l	μgat/l														
	0000									1.555	0.3	<0.01	1.05															
	0005									1.537	0.2		0.48															
	0010									1.569	0.1		0.94															
	0015									1.579	0.2		0.74															
	0020									1.523	0.2		1.02															
	0030									1.549	0.1		0.51															
	0040									1.567	0.2	<0.01	0.59	21.7														
	0050									1.616	1.8	<0.01	0.67															
	0060									1.733	4.0	<0.01	0.22															
	0070									1.868	4.8		0.73															
	0080									1.913	7.0	<0.01	0.49															
	0090									1.921	7.6		0.50															
BT Slide Sk 245/11601/72 Observer: Bladh																												



11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Stolpe Sill

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0288	55	17	016	31	0	972	10	26	22	0062	01	054	18	10	095		1	1	30	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 64	77	78					
22	0000	0953	07505	0565	757			825	0.14	0.44		33								
	0005	0949	07501	0566	746			819	0.18	0.37										
	0010	0948	07500	0566	748			820	0.15	0.39										
	0015	0939	07496	0568	757			820	0.18	0.40										
	0020	0937	07494	0568	739			819	0.18	0.43										
	0030	0933	07496	0569	759			819	0.16	0.42										
	0040	0930	07498	0570	747			820	0.16	0.41										
	0050	0929	07507	0570	745			821	0.16	0.43										
	0062	0830	10731	0830	443			774	0.67	0.97										
BT Slide Sk 246/13259/72 N 55°16.5' E 16°31'												Observer: Engström								









11 "Skagerak"

1972

Station BY 38

77 Sweden

Hydro Depth Observations (Code 03)

S 41

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0294	57	07	017	40	0	972	10	27	15	0110	01	031	14	08	087				4	62	0																								
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
15	0000	0849	06803	0522	790			0.14	0.37	13.5	3	3																																	
	0005	0846	06803	0522	794			0.11	0.50	13.5																																			
	0010	0846	06801	0522	790			0.12	0.38	13.5																																			
	0015	0825	06820	0526	786			0.14	0.37	13.5																																			
	0020	0822	06841	0528	788			0.13	0.39	14.0																																			
	0030	0818	06839	0528	791			0.15	0.33	13.5																																			
	0040	0426	07399	0593	805			0.34	0.48	16.5																																			
	0050	0363	07588	0610	753			0.50	0.63	19.0																																			
	0060	0384	08527	0682	408			1.32	1.74	35.5																																			
	0070	0410	09765	0780	050			2.27	2.57	55.5																																			
	0080	0436	10175	0812	0			2.76	3.14	63.5																																			
	0090	0443	10356	0828	0			2.73	3.36	65.0																																			
	0100	0448	10384	0830	0			2.76	3.35	65.5																																			
	0110	0444	10378	0830	0			2.87	3.59	66.5																																			
				Alkal.	NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N	H <sub>2</sub> S																																				
				Mval/l	μgat/l	μgat/l	μgat/l	μgat/l	μgat/l																																				
	0000			1.494	0.3	0.05	1.06	17.0																																					
	0005			1.482	0.1		0.81																																						
	0010			1.428	0.2		1.37																																						
	0015			1.504	0.2		0.35																																						
	0020			1.517	0.2		0.79																																						
	0030				0.1	0.06	0.57	12.0																																					
	0040			1.557	0.4	0.21	0.95	14.9																																					
	0050			1.583	1.0		0.55																																						
	0060			1.630	2.8		0.46																																						
	0070			1.680	3.0		0.27																																						
	0080			1.729	<0.1		1.42		1.6																																				
	0090			1.737	<0.1	<0.01	2.35		9.4																																				
	0100			1.725	<0.1		2.78		10.7																																				
	0110			1.832	<0.1		3.10		12.9																																				
BT Slide Sk 252/11601/72													Observer: Engström																																

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

8/9 BY 33

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0295	57	39	018	12	0	972	10	26	20	0095	01	006	07	12	087			2	82	0																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	NO <sub>3</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Sd: method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
20	0000	0836	06799	0523	786			807	0.14	0.3	0.58	3	3																																
	0005	0832	06798	0523	792			806	0.12	0.2	1.31																																		
	0010	0791	06894	0533	804			810	0.13	0.2	0.50																																		
	0015	0775	06918	0537	795			816	0.15	0.1	0.51																																		
	0020	0771	06937	0540	798			816	0.14	0.2	0.57																																		
	0030	0703	07054	0553	804			815	0.19	0.2	0.58																																		
	0040	0431	07501	0600	773			799	0.36	0.6	0.49																																		
	0050	0392	07908	0635	628			777	0.72	1.0	0.31																																		
	0060	0385	09343	0748	173			739	1.97	2.0	0.22																																		
	0070	0424	10007	0805	029			734	2.52	1.1	0.95																																		
	0080	0438	10241	0819	0			733	2.72	0.7	2.19																																		
	0090	0446	11056	0879	0			833	2.62	0.1	2.82																																		
											H <sub>2</sub> S																																		
											μgat/l																																		
	0070										0																																		
	0080										6.1																																		
	0090										9.3																																		
BT Slide Sk 253/11601/72 N 57°38.5' E 18°11.5' Observer: Engström																																													





11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

11/9 BY 36

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64
0297	57	43	017	22	0	972	10	28	00	0137	01	038	09	12	083			2	8	2	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P µgat/l	NO <sub>3</sub> -N µgat/l	NH <sub>4</sub> <sup>+</sup> -N µgat/l	Sol. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45							58	59 60	61 62 63 64	77	78			
00	0000	0898	06733	0512	780			808	0.14	0.3	0.75	3	3								
	0005	0896	06737	0512	783			815	0.13	0.4	0.99										
	0010	0893	06771	0516	775			818	0.13	0.3	1.68										
	0015	0894	06733	0513	771			819	0.13	0.3	0.48										
	0020	0893	06730	0514	777			819	0.10	0.3	0.85										
	0030	0895	06730	0514	773			819	0.11	0.3	0.67										
	0040	0496	07302	0584	778			805	0.35	0.6	0.64										
	0050	0348	08062	0647	579			773	0.93	1.8	0.18										
	0060	0377	09247	0741	209			745	1.96	2.9	0.37										
	0070	0421	09928	0794	044			734	2.52	2.7	0.25										
	0080	0445	10270	0820	0			732	3.08	0.1	1.47										
	0090	0454	10438	0831	0			733	2.90	<0.1	1.33										
	0100	0450	10473	0836	0			733	2.88	<0.1	1.35										
	0125	0455	10513	0839	0			733	2.94	<0.1	1.59										
	0137	0452	10524	0840	0			731	3.00	<0.1	2.20										
											H <sub>2</sub> S µgat/l										
	0070										0										
	0080										2.1										
	0090										2.2										
	0100										3.2										
	0125										6.4										
	0137										7.4										

BT Slide Sk255/11601/72 Observer: Engström

11 "Skagerak"

1972

Station

77 Sweden

12/9 BY 37

Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0298	57	44	017	06	0	972	10	28	02	0070	01	035	09	10	085			2	82	0																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	NO <sub>3</sub> <sup>-</sup> -N µgat/l	NH <sub>4</sub> <sup>+</sup> -N µgat/l	Sal. method	Extra info.																																	
					ml/l	%																																							
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
02	0000	0883	06698	0511	774			808	0.14	0.4	3.2	3	3																																
	0005	0881	06698	0511	763			815	0.11	0.3	0.94																																		
	0010	0883	06701	0511	778			818	0.13	0.3	0.82																																		
	0015	0882	06704	0511	782			819	0.11	0.3	0.77																																		
	0020	0887	06708	0511	782			819	0.11	0.3	0.78																																		
	0030	0886	06728	0513	772			819	0.12	0.2	0.95																																		
	0040	0453	07425	0594	785			802	0.34	0.6	0.75																																		
	0050	0372	08029	0644	591			774	0.86	1.6	0.45																																		
	0060	0412	09794	0783	077			739	2.47	2.0	0.98																																		
	0070	0422	10067	0805	021			733	2.76	0.9	1.54																																		
										Tot.N	H <sub>2</sub> S																																		
										µgat/l	µgat/l																																		
	0040									9.4																																			
	0060									19.0																																			
	0070										0																																		
BT Slide Sk 256/11601/72												N 57° 44' E		17° 05.5'		Observer: Bladh																													

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

13/9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	r	o	r		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0299	57	46	016	50	0	972	10	28	07	0027	00	000	11	12	085			4	82	0																									
Obs. time	Obs. depth		Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	NO <sub>3</sub> <sup>-</sup> -N	Sol. method Extra info.																																	
26	27	28	29	30	31	32	33		34	35	36		37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
07	0000	0939	06822	0514	748			815	0.16	0.46	0.4	3																																	
	0005	0940	06826	0516	764			818	0.16	0.40	0.4																																		
	0010	0937	06823	0516	764			818	0.14	0.36	0.3																																		
	0015	0924	06828	0517	763			819	0.14	0.36	0.4																																		
	0020	0889	06847	0523	771			819	0.17	0.41	0.4																																		
	0027	0864	06850	0523	768				0.20	0.47	0.5																																		
											NH <sub>4</sub> <sup>+</sup> -N μgat/l																																		
	0000										0.56																																		
	0005										0.58																																		
	0010										0.48																																		
	0015										0.67																																		
	0020										0.59																																		
	0027										0.68																																		
BT Slide Sk 257/13259/72 N 57°45.7' E 16°50' Observer: Bladh																																													

11 "Skagerak"

1972

Station BY 32

77 Sweden

Hydro Depth Observations (Code 0 3)

Norrköping Deep F 90

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0300	58	00	018	00	0			972	10	30	11	0205	02	030	29	10	080						2	82	0																				
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
12	0000	0925	06765	0505	773			812	0.12	0.30		3																																	
	0005	0926	06766	0505	769			819	0.08	0.32																																			
	0010	0926	06765	0505	772			821	0.11	0.32																																			
	0015	0925	06765	0505	767			823	0.08	0.30																																			
	0020	1005	06764	0505	770			823	0.08	0.31																																			
	0030	0925	06765	0512	766			823	0.08	0.31																																			
	0040	0452	07396	0592	794			808	0.35	0.46																																			
	0050	0383	07593	0610	749			798	0.43	0.56																																			
	0060	0351	08373	0671	487			767	1.12	1.26																																			
	0070	0390	09392	0751	095			745	2.01	2.17																																			
	0080	0425	10036	0802	041			738	2.43	2.71																																			
	0090	0439	10283	0821	0			737	2.64	3.04																																			
11	0100	0448	10386	0830	0			749	2.60	3.17																																			
	0125	0457	10512	0840				741	2.66	3.26																																			
	0150	0458	10559	0842				739	2.65	3.46																																			
	0175	0457	10580	0843				739	2.66			68.0																																	
	0190	0458	10600	0846				738	2.78	3.67		69.5																																	
					Alkal	NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N	H <sub>2</sub> S																																			
					Mval/l	µgat/l	µgat/l	µgat/l	µgat/l	µgat/l																																			
12	0000				1.484	0.5	0.11	1.21	16.4																																				
	0005				1.472	0.3		0.83																																					
	0010				1.492	0.2		1.91																																					
	0015				1.504	0.2		0.74																																					
	0020				1.490	0.3	0.10	0.62																																					
	0030				1.464	0.2		0.77																																					
	0040				1.575	0.5	0.25	0.79	11.9																																				
	0050				1.521	0.8		0.62																																					
	0060				1.579	0.9	<0.01	0.33																																					
	0070					1.9		0.41																																					
	0080				1.640	1.4		0.32																																					
	0090				1.735	<0.1		1.54				2.1																																	
11	0100				1.729	<0.1		1.55				3.4																																	
	0125					<0.1	<0.01	1.97	11.4			5.9																																	
	0150				1.745	<0.1		2.14				7.1																																	
	0175				1.753	<0.1		2.33				8.1																																	
	0190				1.755	<0.1		2.66				10.8																																	

BT Slide Sk 258/13268/72 Observer: Engström

11 "Skagerak"

1972

Station BY 31

77 Sweden

Hydro Depth Observations (Code 03)

Landsort Deep F 78

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60 61	62	63	64	
0301	58	35	018	14	0	972	10	30	16	0459	04	040	25	10	083				2	73	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P μgat/l	Tot.P μgat/l	SiO <sub>2</sub> μgat/l	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42							43 44 45	58	59 60	61 62 63	64	77	78			
17	0000	0902	06701	0509	780			809	0.12	0.37	13.0	3	3									
	0005	0902	06701	0509	777			818	0.11	0.34	13.0											
	0010	0901	06702	0509	777			821	0.08	0.31	12.5											
	0015	0950	06700	0504	782			820	0.09	0.37	12.5											
	0020	0896	06701	0510	776			822	0.11	0.32	14.0											
	0030	0885			784			822	0.14	0.29	14.0											
	0040	0878	06716	0515	781			823	0.14	0.27	13.5											
	0050	0424	08094	0649	556			776	0.99	1.13	29.5											
	0060	0414	09830	0786	123			744	2.22	2.40	53.0											
	0070	0433	10106	0808	082			740	2.34	2.78	56.0											
	0080	0441	10311	0822	041			738	2.55	2.77	57.5											
	0090	0449	10421	0833	028			737	2.55	2.87	60.5											
16	0100	0453	10444	0833	030			735	2.38	2.77	59.5											
	0125	0466	10667	0851	011			735	2.72	2.92	63.0											
	0150	0474	10779	0859	0			736	2.82	3.10	64.0											
	0200	0484	10937	0871	0			737	2.96	3.17	66.0											
	0300	0489	11061	0881	0			737	2.99	2.92	66.5											
	0400	0491	11021	0878	0			737	3.10	3.56	65.5											
	0425	0490	11026	0878	0			737	2.98	3.53	66.5											
	0440	0493	11030	0878	0			738	3.06	3.55	65.5											
15	0100										H <sub>2</sub> S μgat/l	0										
	0125											0										
	0150											2.1										
	0200											5.3										
	0300											7.4										
	0400											8.0										
	0425											8.0										
	0440											8.4										





11 "Skagerak"  
77 Sweden

1972

Station  
F 79 BY 21

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0304	58	27	020	20	0	972	10	31	05	0120	01	014	23	12	082			2	8	3	0																								
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	H <sub>2</sub> S	Sal. method	Extra info.																																	
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																	
05	0000	0755	07143	0556	824			813	0.12	0.37		3	3																																
	0005	0756	07139	0556	900			819	0.12	0.41																																			
	0010	0755	07133	0556	809			821	0.12	0.37																																			
	0015	0727	07267	0568	802			819	0.15	0.34																																			
	0020	0691	07374	0580	806			818	0.15	0.34																																			
	0030	0637	07520	0594	789			813	0.21	0.38																																			
	0040	0594	07565	0600	791			809	0.25	0.41																																			
	0050	0350	07957	0640	460			788	0.44	0.63																																			
	0060	0351	08828	0708	461			763	1.11	1.32																																			
	0070	0416	09947	0796	164			744	1.87	2.26																																			
	0080	0491	10879	0867	085			741	2.35	2.70																																			
	0090	0493	11086	0883	074			741	2.24	2.50																																			
	0100	0505	11187	0892	085			741	2.32	2.79																																			
	0120	0510	11366	0904	071			737	2.43	2.92	0																																		
BT Slide Sk 262/11601/72													N 58°26.5'		E 20°20'		Observer: Engström																												



11 "Skagerak"

1972

Station BY 20

77 Sweden

Hydro Depth Observations (Code 03)

Fårö Deep F 80

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																																			
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0305	58	00	019	57	0	972	10	31	09	0195	02	027	23	12	080				2	8	0																																		
Obs. time	Obs. depth		Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P $\mu\text{gat}/1$	Tot.P $\mu\text{gat}/1$	SiO <sub>2</sub> $\mu\text{gat}/1$	Sol. method	Extra info.																																										
26	27	28	29	30	31	32	33							34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																					
09	0000	0760	07064	0550	815			814	0.15	0.36	12.5		33																																										
	0005	0760	07064	0550	810			820	0.11	0.41	12.5																																												
	0010	0754	07108	0553	808			822	0.12	0.50	12.0																																												
	0015	0729	07213	0564	815			820	0.14	0.53	12.0																																												
	0020	0732	07234	0564	800			820	0.17	0.40	12.0																																												
	0030	0713	07252	0568	797			820	0.17	0.59	12.0																																												
	0040	0339	07868	0631	718			701	0.33	1.27	16.0																																												
	0050	0332	08765	0703	419			760	1.10	1.47	32.5																																												
	0060	0415	09912	0793	089			741	2.03	2.51	50.0																																												
	0070	0445	10299	0822	027			736	2.37	2.74	58.0																																												
	0080	0481	10700	0854	037			735	2.34	2.81	58.5																																												
	0090	0503	11007	0876	039			736	2.45	2.97	59.5																																												
	0100	0530	11340	0900	058			739	2.36	2.87	59.5																																												
	0125	0535	11938	0947	017			737	2.80	3.55	67.5																																												
	0150	0535	12069	0958	0			738	3.19	4.17	72.5																																												
	0175	0535	12144	0964	0			738	3.40	4.32	73.0																																												
	0195	0526	12245	0973	0			736	3.64	4.90	74.5																																												
	0000							NO <sub>3</sub> <sup>-</sup> -N $\mu\text{gat}/1$	NO <sub>2</sub> <sup>-</sup> $\mu\text{gat}/1$	NH <sub>4</sub> <sup>+</sup> -N $\mu\text{gat}/1$	Tot.N $\mu\text{gat}/1$	H <sub>2</sub> S $\mu\text{gat}/1$																																											
	0005							0.2	0.02	1.28	35.0																																												
	0010							0.1		0.95																																													
	0015							0.1		0.70																																													
	0020							0.2		0.42																																													
	0030							0.3	0.06	0.74																																													
	0040							0.3		0.62																																													
	0050							1.2	0.04	0.42																																													
	0060							2.5		0.45																																													
	0070							2.8		0.81																																													
	0080							2.6		0.39																																													
	0090							2.8		0.32																																													
	0100							3.0		0.32																																													
	0125							4.4	<0.01	0.66																																													
	0150							1.3		0.24																																													
	0175							0.1		2.63		4.5																																											
	0195							0.1	<0.01	3.53	25.6	4.0																																											
	0195							0.2		3.37		7.9																																											

BT Slide Sk 263/13268/72 Secchi disc: 9.5 m Observer: Bladh

11 "Skagerak"

1972

Station BY 15

77 Sweden

Gotland Deep

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 : 60	61	62	63	64
0306	57	20	020	03	0	972	10	31	14	0240	02	030	25	14	086			28	30	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.								
26 27	28 29 30 31	32 33 : 34 35	36 37 : 38 39 40	41 42	43 44 45	58 : 59 60		61 62 63 : 64	µgat/l	µgat/l			µgat/l	77	78					
14	0000	0804	07543	0584	800			814	0.12	0.55	10.0	3	3							
	0005	0803	07511	0580	796			820	0.13	0.65	8.5									
	0010	0803	07517	0582	803			822	0.11	0.45	8.5									
	0015	0802	07557	0585	776			822	0.12	0.76	8.0									
	0020	0793	07583	0588	778			822	0.13	0.62	8.0									
	0030	0790	07628	0592	770			821	0.14	0.46	7.0									
	0040	0537	07586	0605	766			809	0.26	0.52	11.5									
	0050	0376	07864	0632	720			796	0.34	0.90	13.0									
	0060	0332	08121	0653	669			786	0.55	0.73	18.0									
	0070	0377	08938	0709	483			767	0.95	1.20	26.5									
	0080	0474	10618	0847	083			742	2.17	2.34	52.0									
	0090	0503	11021	0877	099			743	2.17	2.59	54.5									
	0100	0516	11279	0897	108			738	2.24	2.69	55.0									
	0125	0505	11911	0947	184			746	1.87	2.14	50.0									
	0150	0524	12339	0980	043			739	2.88	3.29	67.0									
	0175	0531	12492	0991	010			737	3.27	3.81	71.0									
	0200	0524	12617	1002	034			740	3.27	3.70	70.0									
	0225	0507	12693	1008	102			743	2.72	3.06	63.5									
	0240	0504	12718	1011	110			745	2.70	3.20	62.5									
											H <sub>2</sub> S									
											µgat/l									
	0150										0									
	0175										0									
	0200										0									
	0225										0									
	0240										0									
BT Slide Sk 264/13268/72												Secchi disc: 10 m		Observer: Engström						

11 "Skagerak"

1972

Station BY 15

77 Sweden

Hydro Depth Observations (Code 03)

Gotland Deep

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64
0306	57	20	020	03	0	972	10	31	14	0240	02	030	25	14	086			2	8	5	0
Obs. time	Obs. depth	Temp.		Sal.		$\sigma_t$				NO <sub>3</sub> <sup>-</sup> -N μgat/l	NO <sub>2</sub> <sup>-</sup> -N μgat/l	NH <sub>4</sub> <sup>+</sup> -N μgat/l	Tot. N μgat/l	Sal. method		Extra info.					
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45							77		78					
14	0000									0.4	0.05	0.56	14.2								
	0005									0.3		0.55									
	0010									0.3		0.50									
	0015									0.1		0.64									
	0020									0.2		0.73									
	0030									0.2	0.09	0.94	22.5								
	0040									0.5		0.97									
	0050									0.9		0.67									
	0060									1.6	<0.01	0.35	22.2								
	0070									2.3		0.33									
	0080									3.5		0.32									
	0090									5.0		0.43									
	0100									5.3	<0.01	0.35									
	0125									3.7		0.40									
	0150									3.0		0.48									
	0175									3.6		0.35									
	0200									4.4	<0.01	0.29	11.6								
	0225									5.0		0.23									
	0240									5.5		0.34									

11 "Skagerak"

1972

Station BY 9

77 Sweden

Hydro Depth Observations (Code 03)

Klaipeda

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0307	56	08	019	17	0	972	10	31	23	0129	01	012	25	12	083							2	8	30																					
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sol. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
23	0000	0961	07624	0576	786			832	0.07	0.34	2.0	3	3																																
	0005	0963	07623	0575	780			834	0.05	0.38	1.5																																		
	0010	0958	07622	0577	781			835	0.05	0.34	1.0																																		
	0015	0940	07610	0578	783			835	0.06	0.55	1.5																																		
	0020	0951	07571	0572	788			831	0.08	0.40	3.0																																		
	0030	0836	07711	0594	742			821	0.11	0.61	2.5																																		
	0040	0357	07868	0632	727			798	0.31	0.57	12.5																																		
	0050	0314	08345	0671	595			778	0.62	0.84	21.5																																		
	0060	0406	09772	0780				746	1.60	2.01	43.5																																		
	0070	0490	10760	0857	346			760	1.09	1.48	34.5																																		
	0080	0497	11065	0881	328			760	1.18	1.51	36.5																																		
	0090	0515	11499	0912	258			755	1.40	1.84	42.0																																		
	0100	0515	11689	0929	234			753	1.39	1.76	43.0																																		
	0129	0628	12829	1011	315			755	1.07	1.48	36.5																																		
	0000								NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N																																	
	0005								μgat/l	μgat/l	μgat/l	μgat/l																																	
	0010								0.4	0.01	0.30	--																																	
	0015								0.1		0.22																																		
	0020								0.1		0.27																																		
	0030								0.1		0.27																																		
	0040								0.1	0.01	0.24	--																																	
	0050								0.1		0.21																																		
	0060								0.8		0.32																																		
	0070								2.1	<0.01	0.19	--																																	
	0080								2.7		0.26																																		
	0090								3.8		0.22																																		
	0100								3.6	<0.01	0.29																																		
	012								4.8		0.24																																		
									4.5		0.23																																		
									4.1	0.04	0.37	--																																	
BT Slide Sk 265/11601/72 N 56°07.5' E 19°17' Observer: Engström																																													

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Hanö Bight

Station No.		Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																						
5	6	7	8	9	10	11	12		13	14	15					16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55
0308	55	37	014	52	0	972	11	01	14	0079	01	026	27	12	104					4	7	20																							
Obs. time	Obs. depth	Temp.	Sal.	σ <sub>t</sub>	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sol. method	Extra info.																																	
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
14	0000	1078	07534	0555	756			819	0.11	0.42	6.0	3	3																																
	0005	1072	07534	0556	759			826	0.07	0.40	5.5																																		
	0010	1074	07531	0556	750			828	0.04	0.39	5.0																																		
	0015	1073	07532	0556	747			828	0.06	0.42	5.0																																		
	0020	1074	07537	0556	745			824	0.08	0.40	6.0																																		
	0030	1094	07640	0562	722			827	0.12	0.41	8.0																																		
	0040	1077	07702	0570	711			826	0.16	0.56	8.5																																		
	0050	1174	10898	0804	482			793	0.55	1.06	21.0																																		
	0060	1239	14244	1053	320			778	0.84	1.10	32.0																																		
	0070	0540	16642	1318	273			767	1.13	1.20	36.5																																		
	0079	0496	17108	1359	269			757	1.18	1.70	36.5																																		
					Alkal	NO <sub>3</sub> <sup>-</sup> -N	NO <sub>2</sub> <sup>-</sup> -N	NH <sub>4</sub> <sup>+</sup> -N	Tot.N																																				
					Mval/l	μgat/l	μgat/l	μgat/l	μgat/l																																				
	0000				1.523	0.2	0.02	0.55	--																																				
	0005				1.529	0.1		0.74																																					
	0010				1.539	0.1		0.69																																					
	0015				1.525	0.1		0.47																																					
	0020				1.541	0.1		0.39																																					
	0030				1.549	0.2		0.56																																					
	0040				1.541	0.2	0.08	0.74	12.6																																				
	0050				1.664	3.4		0.32																																					
	0060				1.777	5.5	<0.01	0.46	--																																				
	0070				1.866	4.6		0.35																																					
	0079				1.872	6.3	<0.01	0.38	28.0																																				
BT Slide Sk 266/11601/72												Secchi disc: 9.5 m			Observer: Bladh																														

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

S 12 BY 2

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0309	55	00	014	06	0	972	11	15	17	0047	00		27	24	054		1	3	30			
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH												Sal. method	Extra info.	
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64									77	78	
17	0000	0936	08884	0718	750																30	
	0005	0939			751																	
	0010	0940	08761	0665	751																	
	0015	0936	08795	0670	750																	
	0020	0941	08941	0680	752																	
	0030	0948	09171	0697	747																	
	0040	1003	16369	1250	545																	
	0045	0976	17254	1322	551																	
BT Slide Sk 269/13259/72 Observer: Claesson																						

11 "Skagerak"

1972

Station BY 5

77 Sweden

Hydro Depth Observations (Code 03)

S 24 Bornholm Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0310	55	15	015	59	0	972	11	17	01	0093	01		23	20	058		1	4	30			
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH												Sal. method	Extra info.	
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64									77	78	
01	0000	0936	07655	0581	762																30	
	0005	0936	07622	0580	752																	
	0010	0932	07621	0581	758																	
	0015	0937	07619	0580	754																	
	0020	0934	07624	0581	759																	
	0030	0936	07619	0581	751																	
	0040	0935	07652	0581	759																	
	0050	0932	07629	0581	760																	
	0060	1009	11519	0870	436																	
	0070	0848	15522	1203	292																	
	0080	0548	16827	1332	312																	
	0090	0485	17565	1395	217																	
BT Slide Sk 270/11601/72 Observer: Claesson																						

11 "Skagerak"

1972

Station BY 15

77 Sweden

F 81 Gotland Deep

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0311	57	20	020	03	0	972	11	22	01	0248	02		16	08	068							6	8	30				
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.																	
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
01	0000	0665	07332	0577		813									0.45												3	8
	0010	0670	07337	0577		800																						0
	0020	0669	07367	0580		806																						
	0030	0675	07391	0581		810																						
	0040	0680	07406	0582		800																						
	0050	0465	07919	0632		703																						
	0060	0426	08071	0646		676																						
	0070	0373	08388	0673		633																						
	0080	0370	08538	0684		567																						
	0090	0380	09074	0727		423																						
	0100	0455	10380	0829		133																						
	0125	0516	11792	0936		192																						
	0150	0521	12237	0972		055																						
	0175	0531	12461	0988		016																						
	0200	0526	12604	1000		029																						
	0225	0504	12716	1010		119																						
	0240	0504	12738	1012		086									3.42													8
BT Slide Sk 272/13268/72 Observer: Hagberg																												

11 "Skagerak"

1972

Station

77 Sweden

ESE När

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice								
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60
0312	57	10	018	50	0	972	11	22	14	0042	00		23	08	059															
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.																			
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77
14	0000	0618	07263	0574		876									0.64														3	8
	0042	0377	08974	0720		564									1.58															
Observer: Hagberg																														









11 "Skagerak"

1972

Station BY 5

77 Sweden

Hydro Depth Observations (Code 03)

S 24 Bornholm Deep

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61	62	63	64											
	5	6	7	8		9	10	11					12	13	14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0319	55	15	016	00	0	972	11	24	02	0091	01			25	06	060							2	8	20																				
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	$\mu$ gat/l	77	78													
02	0000	0862	07773	0596	766					0.55															3	8																			
	0010	0866	07773	0596	763																					0																			
	0020	0866	07778	0597	768																																								
	0030	0868	07777	0597	761																																								
	0040	0869	07788	0597	777																																								
	0050	0867	07793	0597	760																																								
	0060	1111	13796	1036	327																																								
	0070	1015	16101	1228	249																																								
	0080	0812	16583	1289	257																																								
	0090	0601	16818	1328																						8																			
BT Slide Sk 275/11601/72												Observer: Hagberg																																	

11 "Skagerak"

1972

Station BY 2

77 Sweden

Hydro Depth Observations (Code 03)

S 12 Arkona

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61	62	63	64											
	5	6	7	8		9	10	11					12	13	14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0320	55	00	014	05	0	972	12	01	08	0049	00			23	18	067										2	8	30																	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	$\mu$ gat/l	77	78													
08	0000	0339	09108	0731	584					0.60																	3	8																	
	0048	0921	16923	0992	268					1.04																																			
Observer: Hagberg																																													

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

II:1

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea		Ice																						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15	16	17			18	19		20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55
0321	55	19	014	06	0	972	12	04	17	0018	00		20	16	066			2	8	20																									
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64															
17	0000	0745	08829	0688	792				0.45		3																																		
	0018	0742	09299	0725	811				0.50		8																																		
Observer: Hagberg																																													

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

II:2

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea		Ice																						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15	16	17			18	19		20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55
0322	55	16	014	06	0	972	12	04	20	0030	00		20	20	065			2	8	30																									
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64															
20	0000	0746	08689	0678	799				0.53		3																																		
	0030	0758	09287	0723	782				0.51		8																																		
Observer: Hagberg																																													

11 "Skagerak"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

II:3

Station No.	Lat.		Long.		NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea		Ice																						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15	16	17			18	19		20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55
0323	55	10	014	06	0	972	12	04	21	0046	00		17	28	060			2	8	3	0																								
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	Tot.P $\mu\text{gat/l}$	Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64															
21	0000	0735	09505	0742	795				0.55		3																																		
	0045	0982	15450	1182	534				1.04		8																																		
Observer: Hagberg																																													

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

W Hallands svartskär

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10 11 12	13 14 15	16 17 18	19 20 21	22 23 24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64					
0205	57	22	011	42	0		972	08	28	13	0045	00	000	32	10	175		1	1	20		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58	59 60	61 62 63 64							
13	0000	1676	20324	1438	607			0.13	0.15	3	3											
	0005	1629	26979	1957	615		819	0.07	0.38													
	0010	1533	31549	2326	600		822	0.08	0.38													
	0015	1386	32728	2448	588		821	0.15	0.38													
	0020	1301	33159	2498	567		820	0.20	0.63													
	0030	1079	33795	2590	515		815	0.37	0.63													
	0040	1008	33856	2608	497		815	0.48	0.59													
BT Slide Th 231/358/72												Observer: Lagergren		Secchi disc: 14.5 m								

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Fladen

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10 11 12	13 14 15	16 17 18	19 20 21	22 23 24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64					
0206	57	12	011	40	0		972	08	28	15	0083	01	000	32	08	170		1	1	20		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42							43 44 45	58	59 60	61 62 63 64						
15	0000	1624	27527	2000	614		825	0.08	0.42	1.5	3	3										
	0005	1587	30074	2201	619		828	0.08	0.43	1.0												
	0010	1513	31756	2347	651		830	0.06	0.78	1.0												
	0015	1463	32351	2403	644		828	0.07	0.47	1.0												
	0020	1489	33431	2481	561		824	0.12	0.31	3.0												
	0030	1253	33501	2534	519		854 809	0.29	0.53	6.5												
	0040	1224	34075	2585	499		818 815	0.41	0.58	9.0												
	0050	0960	34182	2640	483		748 815	0.58	1.15	11.5												
	0060	0853	34645	2694	485		736 814	0.72	0.92	13.5												
	0070	0814	34727	2707	484		727 815	0.77	0.98	14.0												
	0083	0814	34747	2708	485		811	0.86	1.06	15.5												
BT Slide Th 232/11600/72												N 57°11.5' E 11°40'		Secchi disc: 13.0 m								
Observer: Lagergren																						

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

SW Nidingen

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0207	57	11	011	53	0	972	08	28	16	0050	00	000	32	10	170		1	1	20	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sel. method	Extra info.									
					ml/l	%		$\mu$ gat/l	$\mu$ gat/l											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60	61 62 63 64											
16	0000	1656	21651	1544		633			830	0.06	0.45								3	3
	0005	1624	26008	1884		621			829	0.05	0.35									
	0010	1568	31558	2320		607			829	0.05	0.56									
	0015	1575	32241	2370		603			828	0.06	0.33									
	0020	1465	33425	2486		567			825	0.09	0.53									
	0030	1046	33799	2597		475			817	0.53	0.56									
	0040	0858	34039	2646		453			813	0.71	0.92									
	0050	0886	34058	2643		454			811	0.72	1.15									
BT Slide Th 233/358/72 Secchi disc: 12.0 m Observer: Engström																				

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

L:a Middelgrund

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0208	56	58	011	46	0	972	08	28	18	0097	01		32	08	170		1	1	2	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sel. method	Extra info.								
					ml/l	%		$\mu$ gat/l	$\mu$ gat/l	$\mu$ gat/l										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 59 60	61 62 63 64											
18	0000	1667	24807	1783		619			828	0.09	0.38	2.0							3	3
	0005	1629	25693	1858		620			829	0.06	0.41	1.5								
	0010	1610	28653	2088		606			830	0.06	0.31	2.0								
	0015	1568	31084	2283		610			829	0.07	0.32	2.5								
	0020	1418	33138	2483		573			825	0.07	0.30	4.0								
	0030	1157	33572	2559		476			817	0.40	0.79	11.5								
	0040	0904	33850	2624		435			812	0.68	1.03	17.5								
	0050	0897	33892	2628		430			811	0.71	0.91	17.5								
	0060	0830	34309	2671		439			811	0.78	1.03	18.0								
	0070	0815	34423	2682		442			812	0.80	1.08	16.0								
	0080	0807	34494	2689		444			811	0.80	0.72	16.5								
	0097	0810	34481	2687		439			809	0.80	0.42	16.5								
BT Slide Th 234/11600/72 N 56°57.5' E 11°45.5' Observer: Engström																				
Secchi disc: 13.5 m																				

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Röde banke

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0209	56	43	012	07	0	972	08	28	20	0043	00			34	10	160			1	1	20
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63 64			77 78							
20	0000	1693	21350	15	12	626			827	0.08	0.10	1.0	3	3							
	0005	1692	21683	15	38	630			829	0.07	0.35	1.0									
	0010	1633	25631	18	53	617			827	0.06	0.62	1.0									
	0015	1599	28802	22	72	615			829	0.05	0.72	0.5									
	0020	1418	33136	26	32	576			824	0.08	0.44	2.0									
	0030	0907	33789	26	18	509			816	0.47	0.71	9.0									
	0040	0724	33978	26	60	421	610	796		0.83	1.04	18.0									
BT Slide Th 235/358/72 Observer: Engström																					

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

St:a Middelgrund

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0210	56	34	012	13	0	972	08	28	22	0043	00	009	34	08	160			0	0	2	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60			61 62 63 64	77 78								
22	0000	1664	21924	15	62	626			826	0.06	0.84											
	0005	1666	22099	15	76	629			830	0.06	0.57											
	0010	1645	25873	18	69	617			828	0.10	0.79											
	0015	1468	29359	21	72	603			825	0.09	0.31											
	0020	1116	32878	25	12	593			822	0.08	0.34											
	0030	0818	33738	26	29	458			812	0.55	0.53											
	0040	0742	33900	26	52	424			807	0.79	0.31											
BT Slide Th 236/358/72 Observer: Lagergren																						

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Kullen

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0211	56	14	012	22	0	972	08	28	24	0024	00	015	34	08	150			0	0	30																									
Obs. time	Obs. depth	Temp.	Sol.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot. P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	77
24	0000	1671	15695	1089	666		827	0.46	0.91	4.0	3	3																																	
	0005	1677	16875	1176	661		830	0.52	1.27	2.0																																			
	0010	1678	18369	1290	640		830	0.37	0.61	1.0																																			
	0015	1678	19492	1375	630		831	0.11	0.36	0.5																																			
	0020	0740	33647	2632	421		808	0.84	1.20	18.0																																			
BT Slide Th 237/358/72 N 56°14' E 12°22.2' Observer: Lagergren																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

S Helsingborg

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0212	56	00	012	42	0	972	08	29	07	0029	00	016	34	04	175			1	1	20																									
Obs. time	Obs. depth	Temp.	Sol.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot. P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	77
07	0000	1639	11582	0780	681		822	0.29	0.68	9.0	3	3																																	
	0005	1639	11625	0784	678		823	0.30	0.69	9.0																																			
	0010	1661	13823	0948	656		825	0.41	0.82	7.0																																			
	0015	1678	18156	1274	625		826	0.40	1.03	2.0																																			
	0020	0790	33676	2628	455		808	0.79	0.89	14.0																																			
	0029	0839	33702	2622	444		803	0.80	1.30	16.5																																			
BT Slide Th 238/358/72 N 55°59.5' E 12°41.5' Secchi disc: 7.2 m																																													
Observer: Lagergren																																													



13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 10

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0213	55	54	012	38	0	972	08	29	08	0018	00	018	34	04	175		1	1	20																										
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sol. method	Extra info.																																
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
08	0000	1620	10974	0737	674				819	0.25	0.88	10.0	3	3																															
	0005	1666	13288	0906	640				824	0.46	0.97	7.5																																	
	0010	1687	17940	1255	611				825	0.54	1.38	3.0																																	
	0015	1669	19105	1348	603				826	0.45	0.70	2.0																																	
	0018	1630	19913	1416	560				818	0.57	0.92	6.0																																	
BT Slide Th 239/358/72 N 55°54' E 12°38.2' Secchi disc: 7.5 m																																													
Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0214	55	52	012	45	0	972	08	29	08	0051	01	016	36	06	185		1	1	20																										
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sol. method	Extra info.																																
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
08	0000	1623	10509	0702	671				828	0.23	0.90	10.0	3	3																															
	0005	1671	11598	0776	658				828	0.32	0.56	8.5																																	
	0010	1671	13247	0902	655				823	0.47	0.68	7.0																																	
	0015	1636	19237	1364	611				823	0.63	0.84	1.5																																	
	0020	0799	32632	2545	380				801	1.35	1.37	19.0																																	
	0030	0735	33358	2611	384				801	1.34	1.73	20.5																																	
	0040	0719	33488	2623	384				800	1.16	1.70	21.0																																	
	0051				376				800	1.31	1.63	21.0																																	
BT Slide Th 240/358/72 N 55°51.8' E 12°45.2' Secchi disc: 7.8 m																																													
Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 8

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
0215	55	47	012	43	0	972	08	29	09	0017	00	018	36	04	185					1	2	20
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		56	57				61 62 63	64	77	78					
09	0000	1646	10729	0715		675			829	0.19	0.63		3	3								
	0005	1664	11641	0780		653			827	0.28	0.78											
	0010	1671	15720	1090		626			826	0.39	0.80											
	0015	1606	19683	1404		589			823	0.64	1.11											
	0017										0.87											
BT Slide Th 241/358/72 N 55°47.1' E 12°42.8' Secchi disc: 9.0 m																						
Observer: Engström																						

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 7

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
0216	55	46	012	48	0	972	08	29	10	0019	00	015	36	04	185					1	2	20
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		56	57	61 62 63			64	77	78						
10	0000	1612	10063	0669		681			816	0.23	0.49	10.5	33									
	0005	1593	10063	0674		674			823	0.25	0.55	10.5										
	0010	1639	11843	0800		638			822	0.34	0.47	9.5										
	0015	1594	19373	1383		586			822	0.58	0.98	3.5										
	0019					556			804	0.40	1.18	7.0										
BT Slide Th 242/358/72 N 55°46.2' E 12°47.8' Secchi disc: 8.0 m																						
Observer: Engström																						

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 6

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0217	55	45	012	53	0	972	08	29	10	0023	00		36	04	185					1	2	20	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58	59 60	61 62 63	64							
10	0000	1547	09699	0654	680			824	0.25	0.53													33
	0005	1603	10995	0743	671			826	0.26	0.64													
	0010	1642	11317	0760	659			826	0.34	0.74													
	0015	1606	19450	1386	570			821	0.67	0.97													
	0020	0901	31636	2451	274			792	1.76	2.02													
BT Slide Th 243/358/72												N 55°45.3' E 12°52.7' Secchi disc: 10.5 m											
Observer: Engström																							

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 5

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56
0218	55	44	012	55	0	972	08	29	11	0015	00		36	04	185					1	22	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58	59 60	61 62 63	64							
11	0000	1481	09176	0626	687			822	0.34	0.71													33
	0005	1453	09139	0627	689			821	0.32	0.60													
	0010	1630	10254	0681	664			825	0.42	0.52													
	0015	1607	13894	0963	636			822	0.47	0.82													
BT Slide Th 244/358/72												N 55°43.9' E 12°55' Observer: Engström											

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 4

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58	59	60	61	62
0219	55	39	012	57	0	972	08	29	12	0014	00	000	32	04	180					1	3	20						
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.															
26	27	28	29	30	31	32	33							34	35	36	37	38	39	40	41	42	43	44	45	53	59	60
12	0000	1485	08795	0596	666				816	0.23	0.41	12.5	33															
	0005	1457	08787	0599	664				801	0.24	0.44	12.0																
	0010	1420	08909	0614	659				800	0.28	0.43	12.5																
	0014	1492	13078	0922	601				813	0.61	0.83	13.5																
BT Slide Th 245/358/72 N 55°38.8' E 12°57.3' Secchi disc: 14.0 m																												
Observer: Engström																												

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 3

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58	59	60	61	62
0220	55	36	012	51	0	972	08	29	13	0009	00	009	32	04	180					1	3	10						
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.															
26	27	28	29	30	31	32	33							34	35	36	37	38	39	40	41	42	43	44	45	53	59	60
13	0000	1529	08819	0590	663				813	0.23	0.55	12.0	33															
	0002	1528	08803	0589	657				815	0.23	0.33	12.0																
	0004	1524	08804	0589	657				785	0.23	0.52	12.0																
	0006	1528	08804	0589	656				805	0.23	0.38	12.0																
	0009	1534	08806	0588	665				809	0.25	0.72	12.0																
BT Slide Th 246/358/72 N 55°35.5' E 12°50.5' Secchi disc: 9 m																												
Observer: Lagergren																												

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 0 3)

Öresund 2

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
0221	55	35	012	46	0	972	08	29	13	0010	00	010	32	04	180					1	31	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.											
					ml/l	%		µgat/l	µgat/l	µgat/l													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	77	78										
13	0000	1383	08811	0612	677			813	0.27	0.72	12.6	3	3										
	0003	1378	08811	0613	687			815	0.23	0.67	12.4												
	0006	1373	08809	0614	670			811	0.29	0.22													
	0010	1384	08808	0613	679			809	0.25	0.54	15.0												
BT Slide Th 247/358/72 N 55°35' E 12°45.5' Secchi disc: 10 m													Observer: Engström										

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 0 3)

Öresund 1

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
0222	55	35	012	42	0	972	08	29	14	0008	00		32	04	180					1	31	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sal. method		Extra info.											
					ml/l	%		µgat/l	µgat/l														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64	77	78										
14	0000	1287	09062	0646	674			807	0.33	0.65													
	0003	1284	09063	0646	672			809	0.31	0.54													
	0006	1283	09066	0647	666			805	0.33	0.71													
	0008	1294	09064	0646	653			806	0.34	0.91													
BT Slide Th 248/358/72 N 55°35.3' E 12°42.1' Secchi disc: 8 m													Observer: Engström										

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Öresund 12

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59 : 60
0223	56	06	012	35	0	972	08	30	07	0042	00	011	14	10	160							2	72	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58							59 60	61 62 63	64	77	78					
07	0000	1643	11043	0738			679			822	0.24	0.98	9.0											33
	0005	1661	11572	0775			667			823	0.69	1.23	9.0											
	0010	1659	15772	1096			629			822	0.52	0.93	5.0											
	0015	1099	30128	2302			492			807	0.56	0.43	10.0											
	0020	0872	33127	2573			508			810	0.54	0.25	11.0											
	0030	0703	33843	2652			383			801	0.97	0.35	22.0											
	0040	0696	33868	2656			376			799	0.97	0.39	23.0											
BT Slide Th 249/358/72 N 56°06.1' E 12°35.1'														Observer: Engström										

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

SE Hesselö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59 : 60	61	62
0224	56	10	011	49	0	972	08	30	10	0032	00	013	18	08	170									2	72	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58							59 60	61 62 63	64	77	78							
10	0000	1721	18848	1317			636			826	0.06	0.43	1.0													33
	0005	1720	18774	1311			632			829	0.06	0.38	1.0													
	0010	1723	18832	1315			632			831	0.06	0.38	1.0													
	0015	1225	31282	2368			625			824	0.09	0.53	3.0													
	0020	0815	33261	2591			471			810	0.53	1.32	15.0													
	0030	0811	33332	2598			476			809	0.67	0.85	16.0													
BT Slide Th 250/358/72 N 56°10' E 11°48.5'														Secchi disc: 13.3 m												
Observer: Lagergren																										

13 "Thetis"

1972

Station

77 Sweden

NW Korsör

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
0225	55	25	011	00	0	972	08	31	10	0030	00	011	36	10	170					1	32	0	
Obs. time	Obs. depth	Temp.	Scl.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sol. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58	59 60			61 62 63	64	77 78								
10	0000	1696	11743	0782	663		822	0.11	0.62	7.0		3											
	0005	1675	12431	0839	657		827	0.11	0.45	6.5													
	0010	1631	14440	1000	641		825	0.14	0.52	6.5													
	0015	1405	22896	1689	535		812	0.33	0.69	10.5													
	0020	1242	25581	1926	488		809	0.44	0.74	14.5													
	0030	1098	29732	2271	422		759	0.66	1.34	23.0													
BT Slide Th 251/358/72													N 55°24.5'			E 11°00'			Secchi disc: 6.5 m				
Observer: Engström																							

13 "Thetis"

1972

Station

77 Sweden

Kalundborg

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb							
0226	55	39	010	47	0	972	08	31	11	0047	00	000	36	14	170					1	3	20	
Obs. time	Obs. depth	Temp.	Scl.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sol. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58	59 60			61 62 63	64	77 78								
11	0000	1686	13600	0926	659		829	0.12	0.54	7.0		33											
	0005	1637	14996	1042	646		829	0.15	0.57	5.5													
	0010	1539	18803	1350	600		822	0.18	0.57	6.0													
	0015	1342	24500	1824	533		814	0.36	0.68	10.5													
	0020	1100	29346	2241	475		809	0.50	0.91	14.5													
	0030	0986	31281	2410	455		806	0.60	0.70	17.0													
	0040	0929	31885	2467	447		807	0.71	0.97	19.0													
	0047	0940	31937	2468	447		803	0.71	0.69	19.0													
BT Slide Sk 252/358/72													N 55°38.5'			E 10°47'			Secchi disc: 8.5 m				
Observer: Lagergren																							

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

E Samsö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0227	55	49	010	50	0	972	08	31	13	0042	00	000	05	14	170		1	42	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sol. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58	59 60			61 62 63 64	77	78					
13	0000	1695	14041	0957	654		828	0.11	0.50	6.5		3 3								
	0005	1628	15428	1076	644		824	0.16	0.55	6.5										
	0010	1603	16871	1190	627		825	0.13	0.77	5.0										
	0015	1566	20075	1442	603		820	0.20	0.60	5.0										
	0020	1318	25559	1910	545		807	0.35	0.72	9.5										
	0030	0979	31375	2419	451		804	0.61	0.93	17.5										
	0042	0945	31983	2471	446		804	0.66	1.01	19.5										
BT Slide Th 253/358/72 N 55°48.5' E 10°50' Secchi disc: 7.0 m																				
Observer: Engström																				

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

N: Sejerö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0228	55	60	011	02	0	972	08	31	14	0041	00	014	05	10	160		1	32	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sol. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58	59 60			61 62 63 64	77	78					
14	0000	1663	16557	1154	653		827	0.12	0.66	5.0		33								
	0005	1591	18322	1303	634		827	0.14	0.51	4.0										
	0010	1599	19343	1380	624		827	0.15	0.51	3.0										
	0015	1547	20826	1503	610		825	0.18	0.52	4.0										
	0020	1010	30994	2384	468		804	0.54	0.87	15.0										
	0030	0965	31585	2438	471		807	0.57	0.71	15.5										
	0041	0965	31765	2451	459		805	0.66	0.88	18.5										
BT Slide Th 254/358/72 N 55°59.5' E 11°01.5' Secchi disc: 9.0 m																				
Observer: Lagergren																				





13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Grenå III

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0231	56	34	011	29	0	972	08	31	19	0022	00	008	05	10	165		1	2	30	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sol. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45							58	59 60	61 62 63 64	77	78		
19	0000	1740	19108	1333	636	829	0.07	0.46	1.0	33										
	0005	1739	19053	1329	638	829	0.09	0.34	0.5											
	0010	1611	20855	1493	641	830	0.12	0.56	1.0											
	0015	1450	32159	2391	590	824	0.10	0.65	2.5											
	0020	1318	33213	2499	490	818	0.29	0.93	9.5											
BT Slide Th 257/358/72 Observer: Lagergren																				

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

SE Anholt

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0232	56	40	011	44	0	972	08	31	20	0031	00	011	07	12	160		0	03	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sol. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45							58	59 60	61 62 63 64	77	78		
20	0000	1713	20729	1461	633	828	0.06	0.74	1.5	3										
	0005	1716	20689	1458	635	830	0.07	0.47	1.0											
	0010	1705	21718	1539	629	829	0.07	0.32	1.0											
	0015	1584	27166	1981	621	828	0.09	0.30	1.0											
	0020	1194	32757	2489	596	823	0.13	0.29	3.5											
	0031	1035	33327	2562	471	810	0.57	1.05	2.5											
BT Slide Th 258/358/72 N 56°40' E 11°43.5' Observer: Engström																				



13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

NW Glommen

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0235	56	58	012	09	0	972	08	31	24	0052	01	010	14	14	135			0	03	0																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sol. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64													
24	0000	1683	20402	1443	632			830	0.04	0.34	1.0	33																																	
	0005	1692	21726	1542	628			830	0.05	0.43	1.5																																		
	0010	1656	24853	1788	626			829	0.06	0.33	1.5																																		
	0015	1444	30542	2268	601			833	0.06	0.43	3.0																																		
	0020	1453	33207	2471	558			823	0.06	0.32	3.0																																		
	0030	0846	33851	2634	481			815	0.54	0.72	13.0																																		
	0040	0761	33931	2652	441			810	0.73	1.04	17.5																																		
	0052	0777	33920	2649	437			806	0.75	0.99	18.0																																		
BT Slide Th 261/358/72												N 56°57.5'		E 12°09'		Observer: Engström																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

SW Varberg

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0236	57	03	012	13	0	972	09	01	01	0024	00	012	11	10	125			0	03	0																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sol. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64													
01	0000	1678	19033	1340	637			832	0.06	0.51	1.0	3	3																																
	0005	1680	18982	1336	640			832	0.07	0.44																																			
	0010	1655	22447	1605	623			829	0.06	0.46	1.0																																		
	0015	1434	26659	1972	607			825	0.16	0.72	2.0																																		
	0020	1199	32234	2447	542			817	0.21	0.50	7.5																																		
	0024	1103	32431	2480	527			812	0.36	0.38	10.0																																		
BT Slide Th 262/358/72												N 57°03'		E 12°12.5'		Observer: Engström																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

S Buskär

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0237	57	37	011	41	0	972	09	04	10	0030	00	013	05	16	165						1	52	0	
Obs. time	Obs. depth		Temp.		Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	56	57 58 59 60		61 62 63	64	77			78								
10	0000	1660	20433	1450	619						0.09	0.40	2.0	3	3									
	0005	1659	20397	1448	639					822	0.12	0.67	0.5											
	0010	1654	21243	1512	613					822	0.11	0.21	1.5											
	0015	1532	29195	2147	575					817	0.16	0.23	2.0											
	0020	1417	32412	2417	542					815	0.23	0.32	3.0											
	0030	1334	33460	2515	477					805	0.46	0.52	8.5											
BT Slide Th 263/358/72 N 57°37' E 11°40.5' Secchi disc: 8.0 m																								
Observer: Engström																								

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Trubaduren

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0238	57	35	011	37	0	972	09	04	10	0047	00	010	05	16	165						1	53	0	
Obs. time	Obs. depth		Temp.		Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	56	57 58 59 60		61 62 63	64	77			78								
10	0000	1660	20729	1473	635						823	0.10	0.30	1.5	3	3								
	0005	1662	20705	1470	634					825	0.14	0.20	0.5											
	0010	1600	26093	1895	604					821	0.10	0.21	1.0											
	0015	1612	30358	2218	608					820	0.10	0.15	0.5											
	0020	1502	32772	2427	548					817	0.18	0.22	2.5											
	0030	1173	34109	2599	480					812	0.47	0.52	8.5											
	0040	0943	34480	2666	482					809	0.70	0.48	11.5											
	0047	0945	34589	2675	488					806	0.75	0.71	12.0											
BT Slide Th 264/358/72 Secchi disc: 11.0 m Observer: Engström																								
N 57°35' E 11°36.5'																								

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

SW Vinga

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0239	57	33	011	32	0	972	09	04	11	0075	01		05	16	165			1	5	3	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42							43 44 45	58	59 60	61 62 63 64	77	78			
11	0000	1678	21880	1557	625			821	0.12	0.49	1.5	33									
	0005	1679	21895	1559	627			823	0.12	0.19	1.0										
	0010	1642	28658	2082	621			821	0.08	0.16	1.0										
	0015	1629	31243	2282	607			821	0.09	0.12	1.0										
	0020	1609	32204	2360	597			821	0.11	0.19	0.5										
	0030	1289	33807	2551	512			814	0.31	0.38	5.0										
	0040	1091	34000	2605	494			812	0.44	0.45	8.0										
	0050	0955	34237	2646	462			808	0.65	0.40	12.5										
	0060	0849	34946	2719	560			812	0.56	0.54	6.5										
	0070	0797	35008	2731	556			813	0.67	0.69	7.0										
BT Slide Th 265/11600/72 N 57°33' E 11°31.5' Secchi disc: 11.5 m																					
Observer: Engström																					

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

N Läsö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0240	57	30	011	06	0	972	09	04	13	0037	00	026	05	12	170			1	1	30
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42							43 44 45	58	59 60	61 62 63 64	77	78		
13	0000	1651	26929	1949	613			820	0.14	0.16	1.0	33								
	0005	1631	32122	2349	611			821	0.09	0.10	1.0									
	0010	1614	32582	2389	606			821	0.08	0.06	1.0									
	0015	1603	32776	2406	600			822	0.09	0.07	1.0									
	0020	1592	32992	2424	589			821	0.05	0.10	1.0									
	0030	1334	34152	2568	425			809	0.59	0.71	15.0									
BT Slide Th 266/358/72 Secchi disc: 15.2 m																				
Observer: Engström																				

13 "Thetis"

1972

Station

77 Sweden

E Fredrikshamn

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0241	57	26	011	43	0	972	09	04	15	0026	00	006	05	12	155							0	03	0				
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sol. method	Extra info.															
26	27	28	29	30	31	32	33		34	35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
15	0000	1654	22526	1611		625			823	0.12	0.25	1.5															33	
	0005	1641	23347	1677		624			823	0.16	0.34	1.0																
	0010	1552	32472	2393		597			820	0.10	0.04	1.5																
	0015	1542	33458	2471		558			818	0.09	0.19	2.0																
	0020	1503	33824	2507		514			816	0.17	0.32	4.5																
	0026	1488	33810	2510		490			811	0.35	0.47	9.0																
BT Slide Th 267/358/72														N 57°26'		E 11°42.5'		Secchi disc: 15.5 m										
Observer: Engström																												

13 "Thetis"

1972

Station

77 Sweden

R 53

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice							
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59
0242	57	48	010	42	0	972	09	05	09	0077	01	005	23	10	145														
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sol. method	Extra info.																	
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64
09	0000	1591	30259	2216		607			823	0.09	0.12																	33	
	0005	1587	30599	2242		597			827	0.10	0.14																		
	0010	1409	33369	2493		566			822	0.18	0.21																		
	0015	1215	34340	2606		625			824	0.15	0.47																		
	0020	1040	34874	2680		593			821	0.26	0.34																		
	0030	0907	35034	2716		656			824	0.27	0.70																		
	0040	0827	35077	2732		637			824	0.40	0.55																		
	0050	0788	35078	2738		679			822	0.48	0.61																		
	0070	0745	35112	2747		605			821	0.65	0.54																		
BT Slide Th 268/11600/72														Secchi disc: 11.0 m		Observer: Engström													

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

P 4

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0243	57	48	010	52	0	972	09	04	10	0060	00	016	25	10	150			1	23	0																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
10	0000	1612	30018	2192	610			826	0.08	0.05	3	3																																	
	0005	1613	30037	2194	605			828	0.07	0.07																																			
	0010	1619	30111	2197	608			828	0.06	0.08																																			
	0015	1630	30609	2233	622			827	0.06	0.06																																			
	0020	1572	31421	2308	592			826	0.10																																				
	0030	1061	34811	2672	585			819	0.22	0.32																																			
	0040	0814	35009	2728	629			823	0.45	0.32																																			
	0050	0787	35052	2736	617			822		0.50																																			
BT Slide Th 269/358/72												Secchi disc: 14.0 m		Observer: Engström																															

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

P 3

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0244	57	50	011	04	0	972	09	04	11	0048	00	016	23	10	160			1	13	0																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
11	0000	1619	29751	2170	608			827	0.08	0.12	3	3																																	
	0005	1621	29763	2171	613			829	0.06	0.11																																			
	0010	1617	29746	2171	604			829	0.06	0.12																																			
	0015	1626	30236	2206	613			828	0.08	0.25																																			
	0020	1329	33990	2557	599			825	0.08	0.11																																			
	0030	1110	34732	2657	599			822	0.14	0.43																																			
	0040	0930	34876	2700	549			819	0.47	0.64																																			
	0048		34873		546			817	0.50	0.49																																			
BT Slide Th 270/358/72												Secchi disc: 15 m		Observer: Engström																															



13 "Thetis"  
77 Sweden

1972

Station  
P 2 B

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Stn. time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54
0245	57	51	011	15	0	972	09	05	12	0071	01	000	23	10	160							0	03	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P		Sol. method	Extra info.													
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	50	59 60	61 62 63 64	ml/l			%	µgat/l	µgat/l										
12	0000	1624	26010	1824	519		826	0.12			3	3												
	0005	1643	27919	2026	619		827	0.09																
	0010	1623	31622	2312	616		827	0.08																
	0015	1554	33059	2438	574		823	0.09																
	0020	1555	33560	2474	541		822	0.14																
	0030	1213	34034	2582	505		817	0.35																
	0040	0966	34595	2671	474		814	0.69																
	0050	0897	34986	2714	629		823	0.33																
	0071	0844	34920	2717	539		820																	
BT Slide Th 271/11600/72 N 57°51.4' E 11°14.9' Secchi disc: 16 m																								
Observer: Lagergren																								

13 "Thetis"  
77 Sweden

1972

Station  
P 2

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54
0246	57	52	011	18	0	972	09	04	12	0098	01	005	23	10	160							0	03	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sol. method	Extra info.													
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60	61 62 63 64	ml/l			%	µgat/l	µgat/l										
12	0000	1622	24277	1751	628		827	0.10	0.26		3	3												
	0005	1620	24284	1752	623		828	0.10	0.19															
	0010	1653	29101	2112	615		827	0.09	0.19															
	0015	1596	32914	2417	586		825	0.09	0.18															
	0020	1554	33486	2471	543		821	0.12	0.18															
	0030	1277	33967	2566	519		819	0.58	0.49															
	0040	1047	34248	2631	481		815	0.59	0.53															
	0050	0833	34872	2714	639		823	0.32	0.25															
	0075	0753	35089	2747	588		820	0.68	0.53															
	0098	0732	35091	2747	592		820	1.65	3.19															
BT Slide Th 272/11600/72 Secchi disc: 15.0 m																								
Observer: Engström																								

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

P 1 B

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0247	57	52	011	21	0	972	09	05	13	0080	01			23	08	170			0	02	0																								
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P		Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
13	0000	1638	23035	1653	633					828	0.10										3	3																							
	0005	1637	23220	1667	629					828	0.10																																		
	0010	1662	28869	2093	619					827	0.07																																		
	0015	1573	32073	2358	614					826	0.07																																		
	0020	1528	33350	2466	575					823	0.07																																		
	0030	1260	33285	2516	522					819	0.26																																		
	0040	1221	34598	2626	573					821	0.11																																		
	0050	0775	34787	2717	614					821	0.37																																		
	0080	0735	35080	2746	586					819	0.69																																		
BT Slide Th 273/11600/72 N 57°52.3' E 11°21' Secchi disc: 15 m																																													
Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

P 1

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0248	57	53	011	25	0	972	09	05	13	0070	01	010		23	10	170			0	02	0																								
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P		Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
13	0000	1648	21025	1498	640					830	0.07	0.25									3	3																							
	0005	1648	20995	1497	638					831	0.08	0.18																																	
	0010	1658	25784	1859	624					827	0.09	0.68																																	
	0015	1609	31825	2331	603					827	0.07	0.06																																	
	0020	1518	33023	2444	579					824	0.09	0.23																																	
	0030	1419	33967	2537	567					822	0.09	0.08																																	
	0040	1103	34722	2658	554					819	0.27	0.32																																	
	0050	0868	34928	2714	532					817	0.64	0.52																																	
	0070	0774	35035	2736	556					817	0.72	0.67																																	
BT Slide Th 274/11600/72 Secchi disc: 13 m Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 55 Marstrandsfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0249	57	54	011	32	0	972	09	05	14	0037	00	010	23	10	170			1	3	2	0																								
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78												
14	0000	1660	20183	1431	651			832	0.06	0.23	3	3																																	
	0005	1658	20179	1431	649			833	0.06	0.18																																			
	0010	1663	21672	1544	649			832	0.05	0.15																																			
	0015	1592	29600	2164	574			824	0.13	0.21																																			
	0020	1468	32651	2425	500			818	0.24	0.28																																			
	0030	1236	34087	2583	466			814	0.52	0.48																																			
	0037	1220	34098	2587	466			813	0.52	0.50																																			
BT Slide Th 275/358/72												Observer: Engström																																	

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Åstol Fj. 53

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0250	57	55	011	36	0	972	09	06	07	0060	00	009	25	22	170			1	1	30																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78												
07	0000	1612	20484	1464	641			829	0.07	0.49	3	3																																	
	0005	1613	20485	1464	639			831	0.06	0.20																																			
	0010	1657	23141	1657	614			827	0.07	0.19																																			
	0015	1515	29577	2180	465			815	0.22	0.34																																			
	0020	1407	32768	2447	436			812	0.41	0.34																																			
	0030	1287	33923	2560	444			812	0.53	0.59																																			
	0040	1181	34167	2602	452			813	0.61	0.60																																			
	0050	1160	34192	2606	445			812	0.63	0.76																																			
BT Slide Th 276/358/72												N 57°55.18' E 11°35.6' Observer: Engström																																	

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 52 Hakerfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0251	57	59	011	46	0	972	09	06	08	0031	00	009	25	20	170			14	2	0																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
08	0000	1617	20523	1466	659			833	0.05	0.38	5	3																																	
	0005	1617	20499	1464	659			834	0.05	0.29																																			
	0010	1650	21606	1542	647			834	0.09	0.28																																			
	0015	1585	26315	1916	523			823		0.37																																			
	0020	1396	31307	2337	381			809	0.59	0.58																																			
	0025	1369	32870	2462	390			809	0.61	0.69																																			
	0031	1380	33050	2474	397			807	0.55	0.68																																			
BT Slide Th 277/358/72 N 57°59.38' E 11°45.7' Secchi disc: 6.5 m																																													
Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 51 Askeröfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0252	58	04	011	47	0	972	09	06	08	0025	00	006	25	24	155			1	52	0																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
08	0000	1634	22111	1583	654			833	0.06	0.31	3	3																																	
	0005	1638	22135	1584	651			834	0.06	0.35																																			
	0010	1667	23850	1709	617			832	0.03	0.31																																			
	0015	1519	28032	2060	460			818	0.36	0.38																																			
	0020	1371	30992	2317	348			807	0.76	0.82																																			
	0025	1375	31260	2337	370			804	0.80	0.83																																			
BT Slide Th 278/358/72 N 58°04.23' E 11°47.2' Secchi disc: 5.5 m																																													
Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Fj. 50 Halsanabbe

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0253	58	08	011	50	0	972	09	06	09	0046	00	011	25	12	160			1	6	0																									
Obs. time	Obs. depth	Temp.	Sol.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sol. method	Extra info.																																
26	27	28	29	30	31	32	33	34		35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
09	0000	1661	23300	1669			664			834	0.08		0.15	3	3																														
	0005	1660	23348	1672			652			833	0.08		0.57																																
	0010	1650	23649	1698			644			833	0.11		0.42																																
	0015	1482	28370	2094			457			817	0.43		0.51																																
	0020	1339	31453	2360			330			806	0.80		0.69																																
	0030	1330	31798	2388			326			804	0.86		1.25																																
	0046	1330	31908	2396			328			803	0.87		0.73																																
BT Slide Th 279/358/72 N 58°07.82' E 11°50.23' Secchi disc: 4.3 m																																													
Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Fj. 49 Dokorsviken

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0254	58	11	011	51	0	972	09	06	09	0025	00		25	12	160			1	6	0																									
Obs. time	Obs. depth	Temp.	Sol.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sol. method	Extra info.																																
26	27	28	29	30	31	32	33	34		35	36			37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
09	0000	1642	24351	1752			641			831	0.09			3	3																														
	0005	1634	24539	1769			631			832	0.11		0.18																																
	0010	1481	28444	2100			386			812	0.34		0.11																																
	0015	1279	31523	2376			251			797	0.99		0.19																																
	0020	1279	32601	2460			303			797	1.01		0.21																																
BT Slide Th 280/358/72 N 58°11' E 11°51.04' Secchi disc: 4.6 m																																													
Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 48 Björningarna

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0255	58	16	011	49	0	972	09	06	10	0028	00	006	27	16	160								1	42	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l		Sal. method	Extra info.															
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61
10	0000	1669	23226	1661	654			834	0.06															3	3	
	0005	1673	23298	1666	657			837	0.07																	
	0010	1358	28400	2121	264			797	0.36																	
	0015	1252	31877	2409	253			798	1.06																	
	0020	1263	33014	2494	323			804	1.13																	
	0028	1284	32996	2489	334			802	1.20																	
BT Slide Th 281/358/72												N 58°15.58' E 11°49.24' Secchi disc: 3.3 m														
Observer: Engström																										

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Inre Byfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0256	58	21	011	54	0	972	09	06	11	0012	00	005	27	14	180									1	32	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.															
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61
11	0000	1628	22958	1649	675			832	0.08																3	3
	0002	1628	22944	1648	677			835	0.08	0.82																
	0005	1612	22978	1654	663			833	0.11	0.86																
	0010	0949	27741	2141	078			781	2.37	4.28																
BT Slide Th 282/358/72												N 58°20.6' E 11°54.3' Secchi disc: 2.3 m														
Observer: Engström																										

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 47 Byfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	5	10					15	20
0257	58	20	011	53	0	972	09	06	11	0048	00	005	27	24	180					1	3	20		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot. P	H <sub>2</sub> S	Sel. method	Extra info.												
					ml/l	%		µgat/l	µgat/l	µgat/l														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64						77	78
11	0000	1626	23063	1637	672			828	0.07	0.84														
	0002	1623	23059	1638	670			832	0.06	1.27														
	0005	1602	23452	1692	588			828	0.10	0.89														
	0010	0936	29111	2249	039				1.46	1.79														
	0015	0933	30109	2327	020			772	2.86	3.87	0													
	0020	0812	30432	2370	0			770	6.42	2.25	32.0													
	0025	0602	30554	2406				764	9.39	4.57	51.4													
	0030	0521	30700	2427				760	2.21	5.70	54.0													
	0035	0499	30822	2439				758	1.46	6.22	51.8													
	0040	0496	30855	2443				756	1.27	7.43	51.0													
	0048	0512	30846	2440				757	1.14	7.65	41.0													
BT Slide Th 283/358/72												Secchi disc: 2.4 m			Observer: Engström									

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 46 Havstensfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	5	10					15	20
0258	58	19	011	46	0	972	09	06	12	0041	00	006	27	20	170					1	5	20		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot. P	Sel. method	Extra info.													
					ml/l	%		µgat/l	µgat/l															
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64						77	78
12	0000	1663	23221	1662	608			824	0.11	1.06														
	0002	1664	23192	1660	606			827	0.09	0.62														
	0005	1663	23595	1691	567			825	0.09	0.74														
	0010	1197	27988	2120	153			784	0.63	1.29														
	0015	1234	31760	2404	261			795	0.98	1.55														
	0020	1169	32755	2493	282			798	1.40	1.60														
	0025	1145	33097	2524	273			795	1.95	1.75														
	0030	0702	32612	2556	102			781	3.95	3.66														
	0041	0722	32638	2556	100			774	6.21	3.34														
BT Slide Th 284/358/72												N 58° 18.75' E 11° 46.4'			Secchi disc: 3.7 m									
Observer: Engström																								









13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Fj. 63 Malmödrag

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58
0264	58	19	011	22	0	972	09	07	09	0034	00	015	20	22	155					2	7	30		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P $\mu$ gat/l	Tot.P $\mu$ gat/l	Alkal. Mval/l	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42							43 44 45	58	59 60	61 62 63	64	77	78					
09	0000	1682	22548	1617	627			833	0.05	0.29		33												
	0005	1630	22512	1614	625			833	0.06	0.40														
	0010	1633	22574	1618	627			833	0.04	0.39														
	0015	1644	25318	1827	598			830	0.07	0.31														
	0020	1522	32465	2400	543			825	0.16	0.30														
	0030	1406	33634	2513	479			821	0.30	0.48														
BT Slide Th 290/358/72 N 58°19.1' E 11°21.7' Secchi disc: 11 m													Observer: Engström											

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Smedjepricken

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58
0265	58	16	011	22	0	972	09	07	10	0055	01		23	22	150					27	3	0		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P $\mu$ gat/l	Tot.P $\mu$ gat/l	Alkal. Mval/l	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42							43 44 45	58	59 60	61 62 63	64	77	78					
10	0000	1632	22264	1595	624			833	0.05	0.26	1.948	3	3											
	0005	1636	22256	1595	627			834	0.06	0.26	1.955													
	0010	1635	22258	1595	624			834	0.02	0.35														
	0015	1639	22532	1614	608			831	0.06	0.63	2.033													
	0020	1510	31018	2291	546			826	0.16	0.32	2.241													
	0030	1375	33448	2506	495			821	0.33	0.42	2.281													
	0040	0898	34884	2705	514			820	0.65	0.83	2.324													
	0055	0888	34908	2709	517			819	0.72	0.85														
BT Slide Th 291/358/72 N 58°15.85' E 11°22.35' Secchi disc: 11 m													Observer: Engström											



13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 26 Alsbäck

Station No.	Lat.		Long.					N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'	°	'	Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb	51	52	53					54	55	56
0267	58	19	011	33	0	972	09	07	11	0117	01		20	20	160									6	82	0		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot. P	Alkal.	Sal. method	Extra info.																
26	27	28	29	30	31	32		33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63
12	0000	1630	22569	1619	627		831	0.07	0.33	1.973		33																
	0005	1642	23056	1654	623		834	0.07	0.45	1.968																		
	0010	1648	23329	1673	628		834	0.07	0.36	1.988																		
	0015	1638	25029	1806	589		829	0.09	0.42	2.088																		
	0020	1479	32255	2393	554		825	0.15	0.57	2.251																		
	0030	1294	33368	2516	484		821	0.37	0.49	2.291																		
	0040	1062	33979	2608	461		818	0.52	0.94	2.316																		
	0050	0827	34125	2658	460		816	0.76	0.77	2.319																		
11	0060	0700	34533	2707	404		807	1.30	1.17	2.324																		
	0070	0630	34596	2721	363		805	1.63	1.18	2.324																		
	0080	0627	34639	2725	355		804	1.70	1.61																			
	0090	0627	34663	2727	333		802	1.90	1.79																			
	0100	0629	34668	2727	312		799	2.09	2.26																			
	0117	0635	34667	2727	272		796	3.54	2.40																			
BT Slide Th 293/11600/72 N 58°19.17' E 11°32.6' Secchi disc: 9.3 m																												
Observer: Engström																												



13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 22 Saltkällefjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0269	58	25	011	39	0	972	09	07	13	0064	01	016	23	16	160			2	82	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Alkal. Mval/l	Sol. method	Extra info.						
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58							59 60	61 62 63 64	77	78		
13	0000	1631	23409	1684			629		830	0.11	0.47	1.970	3	3						
	0005	1635	23363	1678			629		833	0.07	0.52	1.996								
	0010	1638	23458	1686			629		834	0.03	0.47	1.981								
	0015	1651	23781	1707			615		833	0.04	0.10	1.981								
	0020	1388	32280	2413			526		822	0.11	0.33	2.249								
	0030	1188	33057	2514			450		817	0.33	0.59	2.276								
	0040	0949	33600	2597			395		812	0.77	1.00									
	0050	0784	33903	2645			358		807	1.10	1.02	2.319								
	0060	0748	34074	2665			294		801	1.70	1.96									
	0064	0756	34051	2662			296		798	1.68	1.82	2.322								
BT Slide Th 295/358/72 N 58°25.2' E 11°39.3' Secchi disc: 9 m																				
Observer: Engström																				

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Örekilsälven

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0270	58	25	011	39	0	972	09	07	13	0021	00	015	23	16	160			2	82	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58						59 60	61 62 63 64	77	78			
13	0000	1647	17440	1226			668		836	0.08	0.87									33
	0005	1664	22854	1633			660		836	0.05	0.63									
	0010	1661	23460	1681			633		834	0.07	0.69									
	0015	1660	23857	1711			592		831	0.08	0.39									
	0021	1544	29770	2188			481		813	0.18	0.57									
BT Slide Th 296/358/72 N 58°25.2' E 11°39.3' Secchi disc: 3.6 m																				
Observer: Engström																				

13 "Thetis"

1972

Station

77 Sweden

Yttre Stigfjorden

Hydro Depth Observations (Code 0 3)

Station No.	Lat.			Long.				NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																						
		'	''	°	'	''	°		'	''	Year					Mo.	Day	Dir.	Sp. kn.	Dry bulb	Wet bulb																										
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		
0271	58	04	011	34	0	972	09	08	08	0025	00	000	27	14	150																												2	82	0		
Obs. time	Obs. depth		Temp.	Sal.	σ <sub>t</sub>	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method Extra info.																																				
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78															
08	0000		1618	22302	1601	606	829	0.07	0.52																																						
	0005		1631	22708	1630	611	834	0.04	0.50																																						
	0010		1659	23629	1694	584	834	0.10	0.84																																						
	0015		1645	28373	2060	272	804	0.62	1.02																																						
	0020		1518	32937	2437	095	786	1.38	1.19																																						
BT Slide Th 297/358/72												N 58°04' E 11°33.75'				Observer: Engström																															

13 "Thetis"

1972

Station

77 Sweden

Inre Stigfjorden

Hydro Depth Observations (Code 0 3)

Station No.	Lat.			Long.				NSEW	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
		'	''	°	'	''	°		'	''	Year					Mo.	Day	Dir.	Sp. kn.	Dry bulb	Wet bulb																											
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64			
0272	58	06	011	38	0	972	09	08	09	0013	00		27	14	150																													2	8	2	0	
Obs. time	Obs. depth		Temp.	Sal.	σ <sub>t</sub>	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method Extra info.																																					
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																
09	0000		1614	23138	1666	618	835	0.06	0.55																																							
	0005		1617	23012	1656	620	836	0.05	0.46																																							
	0010		1620	23369	1683	590	835	0.11	0.52																																							
BT Slide Th 298/358/72												N 58°05.5' E 11°38.2'				Secchi disc: 7 m																																
Observer: Engström																																																



13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Hällan

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0273	57	41	011	34	0	972	09	11	09	0034	00	006	32	18	125			2	7	30																									
Obs. time	Obs. depth		Temp.		Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Weather		Cloud amount	State of sea	Ice																												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	56	57 60		61 62 63 64	µgat/l	µgat/l	ml/l	%	77	78																												
09	0000	1542	21356	1544	617				829	0.07	0.38	3	3																																
	0005	1541	21295	1541	620				831	0.07	0.44																																		
	0010	1573	25747	1874	586				830	0.12	0.39																																		
	0015	1567	28561	2091	593				830	0.10	0.33																																		
	0020	1506	31310	2314	524				826	0.18	0.55																																		
	0030	1204	34083	2588	454				819	0.47	0.77																																		
BT Slide Th 299/358/72 N 57°41.09' E 11°34.4' Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Dana Fjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0274	57	41	011	42	0	972	09	11	10	0030	00	000	32	20	125			1	62	0																									
Obs. time	Obs. depth		Temp.		Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Weather		Cloud amount	State of sea	Ice																												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	56	57 60		61 62 63 64	µgat/l	µgat/l	ml/l	%	77	78																												
10	0000	1501	18939	1358	614				830	0.21	0.75	3	3																																
	0005	1588	21134	1518	596				832	0.12	0.46																																		
	0010	1569	26171	1908	593				831	0.12	0.34																																		
	0015	1539	28458	2090	574				829	0.13	0.40																																		
	0020	1394	31614	2361	464				821	0.47	0.66																																		
	0025	1281	33228	2508	407				815	0.78	1.38																																		
BT Slide Th 300/358/72 N 57°40.70' E 11°41.52' Observer: Bladli																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Måvholmen

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60
0275	57	41	011	44	0	972	09	11	10	0023	00	000	32	20	125						1	62	0
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sci. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37:38 39 40	41 42	43 44 45	58: 59 60		61 62 63	64			µgat/l	µgat/l	77 78								
10	0000	1538	18947	1361	602				829	0.27	0.95	3	3										
	0005	1589	20837	1496	606				833	0.12	0.53												
	0010	1554	26966	1972	583				830	0.13	0.48												
	0015	1490	29039	2143	523				826	0.38	1.28												
	0020	1378	31517	2357	417				827	0.75	1.45												
BT Slide Th 301/358/72													N 57°40.65' E 11°44.4' Observer: Engström										

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Dynam

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	58	59					60	61
0276	57	41	011	47	0	972	09	11	10	0022	00	000	32	24	140							1	42	0
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sci. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37:38 39 40	41 42	43 44 45	58: 59 60		61 62 63	64			µgat/l	µgat/l	77 78									
10	0000	1542	18500	1327	592				827	0.38	1.52	3	3											
	0005	1588	20839	1496	592				831	0.20	0.55													
	0010	1562	24704	1796	589				830	0.13	0.39													
	0015	1465	29410	2176	480				822	0.49	0.72													
	0018	1400	30926	2307	422				817	0.79	1.09													
BT Slide Th 302/358/72													N 57°40.63' E 11°47.0'											
Observer: Bladh																								

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Älvsborgsfjorden

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0277	57	41	011	50	0	972	09	11	11	0010	00				27	20	140						1	62	0																				
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P Tot.P		Sed. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64																
11	0000	1533	15339	1088	577							821	0.61	1.21									3	3																					
	0005	1589	20596	1477	568							829	0.32	0.69																															
	0009	1565	24663	1792	559							828	0.72	1.64																															
BT Slide Th 303/358/72												N 57°40.51' E 11°49.8' Observer: Bladh																																	

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

KA 4

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0278	57	41	011	52	0	972	09	11	12	0012	00	000			27	20	140						16	2	0																				
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P Tot.P		Sed. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64																
12	0000	1539	11908	0824	524							810	0.87	1.50									3	3																					
	0005	1595	21156	1518	512							822	0.73	1.03																															
	0009	1554	24227	1761	499							822	0.62	1.00																															
	0012	0810	25252	1966	480							830	0.77	1.30																															
BT Slide Th 304/358/72												N 57°41.08' E 11°52.2' Observer: Engström																																	

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Rosenlund

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61 62	63	64	
0279	57	42	011	57	0	972	09	11	12	0010	00	002	27	14	140			1	6	20	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P Tot.P		Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78					
12	0000	1481	02069	0078	583			782	0.35	0.97			33								
	0005	1607	20111	1436	330			794	1.22	1.70											
	0008	1605	20985	1504	369			805	1.16												
BT Slide Th 305/358/72												N 57°42.25'		E 11°57.10'		Observer: Engström					

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Yttre Stigfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61 62	63	64	
0280	58	04	011	34	0	972	09	12	15	0025	00	009	27	16	130			1	52	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P BS <sub>7</sub>		Sal. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78					
09	0000	1520	22853	1662	627			832	0.73	4.74			33								
	0005	1520	22926	1669	628			837	0.53	4.89											
	0010	1578	25561	1859	428			821	0.85	3.23											
	0015	1563	30529	2242	401			817	0.64	3.30											
	0020	1547	32084	2364	093			788	1.82	0.48											
	0025	1538	32168	2373	095			774	2.42	0.49											
BT Slide Th 306/358/72												N 58°04'		E 11°33.75'		Secchi disc: 4.5 m					
Observer: Engström																					



13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Hamburgsund

Station No.	Lat.			Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	''	°	'	''	Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb	51	52	53					54	55
0283	58	34	011	16	0		972	09	14	09	0019	00	003	09	06	140								14	1	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	Tot. P		BS <sub>7</sub>	Sed. method	Extra info.														
				ml/l	%	µgat/l	ml/l																				
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64																
09	0000	1456	24439	1797	627					831	0.40	5.35														33	
	0005	1572	28959	2120	561					830	0.33	5.00															
	0010	1551	30579	2248	563					829	0.36	4.91															
	0015	1528	31529	2326	555					827	0.36	4.99															
		BT Slide 309/358/72			N 58°33.9'		E 11°15.5'		Secchi disc: 8.5 m																		
		Observer: Engström																									

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

S System

Station No.	Lat.			Long.				N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	°	'	''	°	'	''	Year		Mo.	Day	Dir.					Sp. kn.	Dry bulb	Wet bulb	51	52	53					54	55
0284	58	35	011	09	0		972	09	14	10	0072	01	003	05	08	120								67	2	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	Tot. P		Sed. method	Extra info.															
				ml/l	%	µgat/l	ml/l																				
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64																
10	0000	1441	24462	1802	639									0.58												38	
	0005	1554	28608	2097	595									0.40													
	0010	1529	29862	2198	601									0.44													
	0015	1450	30796	2285										0.39													
	0020	1511	31537	2331	579									0.36													
	0030	1465	32448	2411	557									0.59													
	0040	1272	33959	2566	495									1.30													
	0050	1029	33566	2582	497									1.27													
	0072	0878	33843	2627	517									0.52													
		BT Slide Th 310/11600/72			N 58°34.9'		E 11°09'		Secchi disc: 10 m																		
		Observer: Engström																									

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

E Väderö

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
0285	58	35	011	05	0	972	09	14	10	0135	01	003	05	08	120			67	2	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	Tot.P		Sal. method	Extra info.								
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60		61	62 63 64			$\mu\text{gat/l}$	77	78					
10	0000	1436	24257	1787		637			0.43			38								
	0005	1522	28417	2090		606						0								
	0010	1530	31165	2298		587			0.29			8								
	0015	1522	31226	2304		575			0.29											
	0020	1490	31782	2354		574			0.33											
	0030	1450	33008	2457		542			0.35											
	0040	1365	33794	2534		528			0.54											
	0050	1121	34399	2629		509			0.88											
	0075	0897	34829	2701		524			0.71											
	0100	0784	34937	2727		533			0.84											
	0135	0774	34933	2728		535			0.79											
BT Slide Th 311/11600/72 N 58°34.9' E 11°05.3' Secchi disc: 11 m																				
Observer: Engström																				

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Väderö 1

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
0286	58	34	011	01	0	972	09	14	11	0055	01	000	05	02	110			67	2	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	Tot.P		Sal. method	Extra info.								
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58	59 60		61	62 63 64			$\mu\text{gat/l}$	77	78					
11	0000	1409	25022	1852		634			0.33			38								
	0005	1468	30466	2258		604			0.38											
	0010	1455	30695	2268		611			0.68											
	0015	1467	31109	2307		607			0.33											
	0020	1480	31730	2352		574			0.26											
	0030	1343	33405	2509		552			0.32											
	0040	1266	33831	2557		559			0.42											
	0055	1167	34350	2618		517			0.43											
BT Slide Th 312/358/72 N 58°34.3' E 11°01.2' Secchi disc: 11.5 m																				
Observer: Engström																				

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Väderö 2

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0287	58	34	010	57	0	972	09	14	12	0067	01	000	09	04	110				2	72	0																								
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
12	0000	1401	24478	18.11	641					0.36											3	8																							
	0005	1458	30918	2294	610					0.17																																			
	0010	1459	31014	2301	608					0.36																																			
	0015	1493	31358	2321	601					0.28																																			
	0020	1494	32092	2376	565					0.29																																			
	0030	1283	33706	2544	562					0.31																																			
	0040	1186	34215	2604	560					0.38																																			
	0050	1186	34268	2608	560					0.46																																			
	0067	1118	34478	2637	536					0.58																																			
BT Slide Th 313/11600/72 N 58°33.7' E 10°57.4' Secchi disc: 11.0 m																																													
Observer: Lagergren																																													

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Väderö 3

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0288	58	33	010	54	0	972	09	14	13	0077	01	005	09	04	110				2	72	0																								
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
13	0000	1456	30756	2282	608					0.47											3	8																							
	0005	1457	30749	2281	610					0.30																																			
	0010	1481	30927	2290	598					0.20																																			
	0015	1480	31054	2300	599					0.28																																			
	0020	1505	32284	2389	559					0.27																																			
	0030	1202	34119	2591	565					0.54																																			
	0040	1159	34325	2618	562					0.51																																			
	0050	1121	34454	2634	549					0.39																																			
	0077	0832	35037	2728	594					1.29																																			
BT Slide Th 314/11600/72 N 58°33.2' E 10°53.7' Secchi Disc: 12.7 m																																													
Observer: Bladh																																													



13 "Thetis"

1972

Station

77 Sweden

Väderö 4

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57 58 59	60	61	62	63	64	
0289	58	33	010	48	0	972	09	14	13	0105	01	017	00	00	130			1	5	1	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78						
13	0000	1423	30685	2284	614					0.25										3	8	
	0005	1423	30655	2281	616					0.21												
	0010	1418	30671	2284	613					0.34												
	0015	1420	30691	2284	609					0.22												
	0020	1397	32351	2417	597					0.22												
	0030	1258	34782	2632	631					0.23												
	0040	0982	35016	2702	662					0.34												
	0050	0814	35060	2732	600					0.63												
	0075	0809	35065	2734	599					0.63												
	0100	0789	35079	2738	596					0.68												
BT Slide Th 315/11600/72 N 58°32.5' E 10°48'												Secchi disc: 10.8 m										
Observer: Engström																						



13 "Thetis"

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Station

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Hydro Depth Observations (Code 03)

Väderö 6

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0291	58	31	010	33	0	972	09	14	15	0180	02	015	36	06	130					1	5	2	0																						
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	Tot.P µgat/l	Sal. method	Extra info.																																		
26	27	28	29	30	31	32	33					34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78													
15	0000	14	25	30	620	22	78	6	13				0.26									3	8																						
	0005	14	19	31	354	23	35	6	12				0.23																																
	0010	14	25	31	396	23	38	6	16				0.21																																
	0015	14	32	31	696	23	60	6	18				0.31																																
	0020	13	08	34	329	25	88	7	29				0.31																																
	0030	08	85	34	729	26	96	6	07				0.53																																
	0040	07	92	34	805	27	16	6	25				0.51																																
	0050	07	63	34	987	27	34	6	37				0.34																																
	0075	07	37	35	149	27	51	6	03				0.80																																
	0100	07	20	35	131	27	52	5	91				0.77																																
	0125	07	20	35	127	27	52	5	91				0.81																																
	0150	07	23	35	128	27	51	5	90				1.03																																
	0175	07	22	35	130	27	51	5	93				0.79																																
BT Slide Th 317/11600/72												N 58°30.7' E 10°33.3' Secchi disc: 10.5 m																																	
Observer: Lagergren																																													

13 "Thetis"

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Station

77 Sweden

Hydro Depth Observations (Code 03)

Väderö 8

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57	58 59	60	61	62	63	64
0292	58	29	010	18	0	972	09	14	17	0408	04	010	02	22	125				1	4	2	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	Sol. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45				58	59 60	61 62 63	64								
17	0000	1448	30851	2291		615																30
	0005	1446	30835	2291		615																
	0010	1444	30847	2292		613																
	0015	1315	33125	2493		635																
	0020	1069	34717	2664		651																
	0030	0838	34768	2706		605																
	0040	0726	34823	2726		616																
	0050	0737	34998	2739		642																
	0075	0664	35083	2755		630																
	0100	0649	35089	2757		625																
	0125	0646	35124	2760		625																
	0150	0649	35164	2764		619																
	0200	0620	35136	2766		629																
	0300	0580	35121	2769		627																
	0400	0553	35106	2771		621																
BT Slide Th 318/11741/72 N 58°28.8' E 10°18.4' Secchi disc: 11.5 m																						
Observer: Engström																						

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Väderö 10

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64		
0293	58	26	010	00	0	972	09	14	18	0540	05	011	02	14	120		1	3	30			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot. P µgat/l	Sal. method	Extra info.												
					ml/l	%																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64										77	78
18	0000	1434	31046	2309	618								0.24								3	8
	0005	1435	31032	2308	618								0.25									
	0010	1437	31058	2310	618								0.41									
	0015	1306	33788	2546	638								0.23									
	0020	1019	34646	2667	619								0.53									
	0030	0832	34764	2706	603								0.39									
	0040	0723	34821	2727	614								0.53									
	0050	0728	34939	2736	635								0.94									
	0075	0699	35099	2751	633								0.87									
	0100	0645	35075	2757	629								1.31									
	0125	0607	35046	2760	641								0.73									
	0150	0605	35071	2762	639								0.69									
	0200	0617			623								0.77									
	0300	0628	35057	2758	637								0.85									
	0400	0599	35125	2768	633								0.72									
	0500	0563	35103	2769	633								0.74									
BT Slide Th 319/11741/72 N 58°26.4' E 10°00' Observer: Engström																						

13 "Thetis"

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Station

77 Sweden

R 43

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0294	58	24	009	46	0	972	09	14	21	0640	06	012	02	16	120						13	3	0																						
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH		Saj. method	Extra info.																																		
26	27	28	29	30	31	32	33	34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64																	
21	0000	14	32	30	942	23	01	6	11														30																						
	0005	14	30	30	922	23	00	6	13																																				
	0010	14	29	30	957	23	03	6	19																																				
	0015	12	34	33	605	25	46	6	54																																				
	0020	09	90	34	617	26	69	6	34																																				
	0030	08	22	34	728	27	05	5	96																																				
	0040	07	51	34	786	27	19	6	08																																				
	0050	06	99	34	842	27	32	6	10																																				
	0075	06	31	34	944	27	49	6	37																																				
	0100	06	25	35	017	27	56	6	47																																				
	0125	06	06	35	026	27	59	6	34																																				
	0150	05	85	35	017	27	60	6	32																																				
	0200	05	77	35	044	27	63	6	43																																				
	0300	05	87	35	120	27	68	6	23																																				
	0400	05	60	35	107	27	71	6	23																																				
	0500	05	50	35	104	27	71	6	31																																				
	0600	05	44	35	112	27	73	6	40																																				
BT Slide Th		320/11741/72		N	58°23.7'	E	09°45.8'	Observer: Bladh																																					

13 "Thetis"

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Station

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Hydro Depth Observations (Code 03)

M 6

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																					
	5	6	7	8	9	10		11	12	13					14	15	16	17	18	19					20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0295	58	10	009	30	0	972	09	14	23	0630	06	011	36	16	115			1	3	30																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sol. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
24	0000	1417	31543	2350	611		832	0.21		3	3																																		
	0005	1418	31533	2350	614		833	0.21																																					
	0010	1426	31533	2348	610		833	0.15																																					
	0015	1175	34346	2617	629		831	0.27																																					
	0020	1034	34685	2667	617		829	0.31																																					
	0030	0837	34717	2702	591		827	0.39																																					
	0040	0768	34803	2719	606		826	0.46																																					
	0050	0705	34866	2733	618		827	0.56																																					
	0075	0656	34980	2749	630		827	0.70																																					
	0100	0621	35005	2755	635		826	0.71																																					
23	0125	0595	35010	2759	635		812	0.78																																					
	0150	0594	35023	2759	643		820	0.71																																					
	0200	0583	35054	2763	642		823	0.76																																					
	0300	0580	35008	2761	632		825	0.87																																					
	0400	0608	35020	2757	640		824	0.84																																					
	0500	0606	35131	2767	625		824																																						
	0600	0557	35109	2771	629		825	0.82																																					
BT Slide Th 321/11741/72												Observer: Engström																																	

13 "Thetis"

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Hydro Depth Observations (Code 03)

Å 16.

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0296	58	16	010	44	0	972	09	15	04	0205	02	014	36	14	090							1	3	30																					
Obs. time	Obs. depth		Temp.	Sol.	$\sigma_t$	Oxygen		pH	Tot.P		Sol. method	Extra info.																																	
26	27	28	29	30	31	32	33		34	35			36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
04	0000	1407	30922	2305	613					0.27		3	8																																
	0005	1411	30911	2303	616					0.20																																			
	0010	1415	30909	2302	616					0.21																																			
	0015	1431	33637	2509	611					0.29																																			
	0020	1148	34507	2633	631					0.31																																			
	0030	0810	34713	2705	595					0.56																																			
	0040	0717	34830	2729	621					0.65																																			
	0050	0720	35118	2751	628					0.74																																			
	0075	0736	35146	2751	600					0.97																																			
	0100	0718	35132	2752	589					0.87																																			
	0125	0718	35132	2752	589					0.87																																			
	0150	0717	35142	2753	588					0.81																																			
	0175	0714	35163	2755	588					0.86																																			
	0200	0711	35163	2755	586					0.96																																			
BT Slide Th 322/11741/72 N 58°16' E 10°43.5' Observer: Bladh																																													





13 "Thetis"

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Hydro Depth Observations (Code 03)

Å 13

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59 : 60
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64				
0299	58	20	011	02	0	972	09	15	07	0090	01	004	36	14	085		1	5		30				
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P µgat/l	Sal. method	Extra info.														
					ml/l	%																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 : 59 60	61 62 63 : 64														77	78
07	0000	1389	25331	1879				635															3	0
	0005	1493	30270	2237				613																
	0010	1462	30757	2281				607																
	0015	1413	31079	2314				615																
	0020	1404	31662	2362				603																
	0030							616																
	0040	1089	32106	2458				611																
	0050		34292					601																
	0075	1084	34876	2674				612																
BT Slide Th 325/11600/72 N 58°20.2' E 11°02' Observer: Bladh																								

13 "Thetis"

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Hydro Depth Observations (Code 03)

Å 12

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59 : 60		
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64						
0300	58	20	011	06	0	972	09	15	07	0044	00	003	36	14	085		1	5		30						
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P µgat/l	Sal. method	Extra info.																
					ml/l	%																				
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 : 59 60	61 62 63 : 64																77	78
07	0000	1403	25632	1899				636						0.34											3	8
	0005	1507	27212	2001				605						0.30												
	0010	1488	30780	2277				603						0.66												
	0015	1479	31131	2306				597						0.40												
	0020	1444	32600	2426				557						0.35												
	0030	1334	33058	2484				558						0.41												
	0040	1122	34540	2640				560						0.48												
BT Slide Th 326/358/72 N 58°20.2' E 11°06.1' Observer: Lagergren																										

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Å 11

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57 58 59	60	61	62	63	64	
0301	58	20	011	10	0	972	09	15	08	0047	00		36	12	080			1	6	30		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78						
08	0000	1443	27058	2141	623				0.30		3	8										
	0005	1476	30698	2273	608				0.33													
	0010	1461	30943	2305	603				0.38													
	0015	1497	31716	2347	576				0.35													
	0020	1469	32479	2412	554				0.38													
	0030	1301	33607	2532	553				0.52													
	0040	1083	34500	2642	538				0.63													
BT Slide Th 327/358/72												N 58°20.2' E 11°09.5' Observer: Bladh										

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

S 2

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56	57 58 59	60	61	62	63	64	
0302	57	34	011	23	0	972	10	10	12	0050	00		18	14	120			1	6	20		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	77	78						
12	0000	1168	24646	1866	669																3	0
	0005	1174	24915	1886	783																	
	0010	1227	28831	2178	647																	
	0015	1285	31842	2400	562																	
	0020	1225	32003	2423	622																	
	0030	1207	32992	2503	589																	
	0040	1208	33178	2518	603																	
	0048	1201	33289	2527																		
BT Slide Th 328/358/72												N 57°34.3' E 11° 22.8' Observer: Claesson										

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

S 4

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0303	57	27	010	48	0	972	10	11	08	0035	00		23	10	100							1	2	20	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH		Sal. method		Extra info.														
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58	59 60	61 62 63 64																		77 78
08	0000	1163	21743	1641		671																			3 0
	0005	1169	21793	1645		660																			
	0010	1193	28908	2190		648																			
	0015	1275	32524	2454		578																			
	0020	1212	32804	2487		581																			
	0030	1228	33548	2542		459																			
BT Slide Th 330/358/72 N 57°26.9' E 10°48.0' Observer: Ackefors																									

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

K 14

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56
0304	56	51	010	53	0	972	10	11	15	0012	00		27	18	130											2 7 20
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH		Sal. method		Extra info.															
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58	59 60	61 62 63 64																			77 78
15	0000	1197	20419	1535		689																				3 0
	0005	1205	20822	1564		674																				
	0010	1307	25598	1914		570																				
BT Slide Th 333/358/72 Observer: Ackefors																										

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

K 13

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59
0305	57	08	012	02	0	972	10	12	07	0042	00		32	18	100							1	3	20
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH																	
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64													
07	0000	1109	21817	1656		686																	3	0
	0005	1138				669																		
	0010	1246	25555	1924		595																		
	0015	1390	30790	2297		569																		
	0020	1338	32617	2449		554																		
	0030	1101	33803	2586		398																		
	0040	0990	34131	2630		360																		
BT Slide Th		335/358/72		N 57°08.4' E 12°02.0'		Observer: Ackefors																		

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

K 10 - K 9

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54					55 56	57 58 59	60
0306	57	21	012	02	0	972	10	12	11	0033	00		34	12	105								1	4	20
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64														
11	0000	1144	20097	1517		672																		3	0
	0005	1143	20090	1517		657																			
	0010	1137	20183	1526		682																			
	0015	1244	32512	2459		361																			
	0020	1137	33629	2567		355																			
	0030	1038	33957	2610		350																			
BT Slide Th		336/358/72		N 57°20.9' E 12°01.5'		Observer: Ackefors																			

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

K 12

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61					62
0307	57	10	011	38	0	972	10	13	09	0056	00		36	16	095					1	52	0	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH		Sol. method	Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64	ml/l	%			77	78										
09	0000	1136	23824	1807		651					3	0											
	0005	1142	24029	1822		647																	
	0010	1223	27583	2084		760																	
	0015	1306	31515	2371		609																	
	0020	1300	32860	2474																			
	0030	1228	33609	2547		517																	
	0040	1143	33802	2578		441																	
	0050	1101	33908	2596		408																	
BT Slide Th 337/358/72												N 57°09.7' E 11°37.5' Observer: Claesson											

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

K 7a

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice	
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	60	61					62
0308	57	15	011	38	0	972	10	16	14	0067	01		23	08	120					1	1	10	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH		Sol. method	Extra info.												
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42	43 44 45	58 59 60	61 62 63 64	ml/l	%			77	78										
14	0000	1089	21887	1665		708					3	0											
	0005	1084	21855	1663		761																	
	0010	1174	24839	1880		661																	
	0015	1296	30759	2330		625																	
	0020	1246	32514	2459		720																	
	0030	1216	33517	2543		465																	
	0040	1154	33916	2587		475																	
	0050	1056	34057	2615		422																	
	0060	0967	34408	2657		430																	
BT Slide Th 340/11600/72												N 57°14.5' E 11°37.8' Observer: Claesson											

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

K 16

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0309	56	54	011	47	0	972	10	17	09	0056	00		29	22	115								1	5	30			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH		Sal. method		Extra info.																	
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64			77 78																			
09	0000	1075	22223	1693	730																						3	0
	0005	1078	22219	1693	831																							
	0010	1143	22952	1738	653																							
	0015	1211	29497	2232	585																							
	0020	1285	31669	2387	693																							
	0030	1212	33306	2527	439																							
	0040	1068	33591	2576	339																							
	0050	0978	33880	2614	342																							
BT Slide Th		341/358/72		N 56°53.8' E 11°46.9'		Observer: Claesson																						

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

K 8

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58	59	60	61
0310	57	59	011	54	0	972	10	25	10	0057	00		27	24	110													1	2	30	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH		Sal. method		Extra info.																				
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64			77 78																						
10	0000	1002	30284	2329	639																									3	0
	0005	1004	30290	2330	752																										
	0010	1028	30636	2353	663																										
	0015	1133	33335	2545																											
	0020	1087	33886	2595	416																										
	0030	1092	33894	2595	417																										
	0040	1089	33904	2597	483																										
	0050	1065	34018	2610	418																										
BT Slide Th		343/358/72		N 57°58.9' E 11°54.1'		Observer: Claesson																									

13 "Thetis"

1972

Station

77 Sweden

K 17

## Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64		
0311	56	55	012	16	0	972	10	26	09	0024	00		23	16	115		1	43	0			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH		Sol. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60			61 62 63	64									
09	0000	0960	27083	2087		663														3	0	
	0005	0966	27512	2120		657																
	0010	0976	28122	2164		654																
	0015	0978	28184	2170		641																
	0020	0980	28266	2177		640																
BT Slide 347/358/72 N 56°54.6' E 12°16.0' Observer: Claesson																						

13 "Thetis"

1972

Station

77 Sweden

5 SW Varberg

## Hydro Depth Observations (Code 0 3)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice		
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb						
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64		
0312	57	03	012	07	0	972	10	26	14	0044	00		23	14	100		2	7	20			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH		Sol. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60			61 62 63	64									
14	0000	0968	28789	2210																3	0	
	0005	0974	28806	2212		673																
	0010	0993	29596	2278		626																
	0015	1059	31143	2387		536																
	0020	1052	31519	2417		509																
	0030	1073	33037	2531		384																
	0040	1059	33341	2558		355																
BT Slide Th 348/358/72 N 57°02.8' E 12°07.0' Observer: Claesson																						



13 "Thetis"  
77 Sweden

1972

Station  
S 3

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
0313	57	32	011	02	0	972	10	27	06	0038	00		14	12	090			2	82	0		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH				Sol. method	Extra info.										
					ml/l	%																
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64							77	78			
06	0000	0989	31776	2448															3	0		
	0005	0997	31778	2447																		
	0010	0993	31793	2448				636														
	0015	0997	32005	2465				625														
	0020	0983	32623	2515																		
	0030	0979	32754	2526				630														
	0035	0980	32797	2528				616														
BT Slide Th 349/358/72 N 57°32.4' E 11°01.8' Observer: Claesson																						

13 "Thetis"  
77 Sweden

1972

Station  
Västervik 9

Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
0314					0	972	11	22	11	0013	00		00	00	060			4	80	0		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH		Tot.P										Sol. method	Extra info.		
					ml/l	%			µgat/l													
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58	59 60	61 62 63	64								77	78		
11	0000	0489	06421	0514				791							2.00					3	8	
	0005	0500	06590	0526				770							1.93							
	0010	0501	06820	0545				780							1.37							
Observer: Claesson Secchi disc: 4 m																						

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Västervik 8

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58	59	60																					
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		
0315						0	972	11	22	11	0012	00				00	00	060																							4	8					0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.																																				
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																
11	0000	0507	06386	0510	771			3.61			3	8																																			
	0005	0502	06534	0522	774			2.31																																							
	0010	0533	06784	0542	736			1.74																																							
Observer: Claesson												Secchi disc: 3.2 m																																			

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Västervik 11A

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	55	56					57	58	59	60																					
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		
0316						0	972	11	22	12	0042	00				00	00	055																							4						00
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.																																				
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78																
12	0000	0582	07191	0570	796			0.58			3	8																																			
	0005	0581	07200	0571	798			0.60																																							
	0010	0564	07237	0576	803			0.61																																							
	0015	0551	07236	0576	799			0.64																																							
	0020	0537	07248	0578	807			0.66																																							
	0030	0564	07549	0600	689			0.96																																							
	0040	0538	07934	0631	532			1.39																																							
Observer: Claesson												Secchi disc: 13.2 m																																			

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Västervik 13

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
5 6 7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	31 46	47 48	49 50	51 52	53 54	55 56	57 58	59 60	61 62	63 64	
0317					0	972	11	22	13	0042	00			20	04	060				1	6	00
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sol. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58 59 60			61 62 63 64	$\mu\text{gat/l}$	77 78								
13	0000	0644	07047	0556		787			0.45		3	8										
	0005	0635	07089	0560		800			0.51													
	0010	0618	07131	0564		796			0.50													
	0015	0612	07169	0568		793			0.55													
	0020	0608	07173	0568		790			0.56													
	0030	0498	07700	0615		653			1.20													
	0040	0416	08355	0670		471			1.46													
Observer: Claesson				Secchi disc: 13.2 m																		

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Västervik 10

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51 52	53 54				
5 6 7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	31 46	47 48	49 50	51 52	53 54	55 56	57 58	59 60	61 62	63 64	
0318					0	972	11	22	14	0022	00			00	00	040				4	8	00
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sol. method	Extra info.											
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58 59 60			61 62 63 64	$\mu\text{gat/l}$	77 78								
14	0000	0462	06706	0538		822			1.66		3	8										
	0005	0506	06983	0558		805			0.93													
	0010	0515	07019	0561		807			0.74													
	0015	0513	07110	0568		794			0.92													
	0020	0502	07189	0574		601			0.78													
Observer: Claesson				Secchi disc: 5.3 m																		

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Västervik 7B

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0319							0	9	7	2	11	23	09				32	08	030				2	8	00																				
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.																																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	ml/l	%	$\mu$ gat/l	77 78																											
09	0000	046	06449	0517	795				2.17			3	8																																
Observer: Claesson																																													

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Västervik 7 A

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
1319							0	9	7	2	11	23	09			00	32	08	030				2	8	00																				
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.																																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	ml/l	%	$\mu$ gat/l	77 78																											
09	0000	046	06305	0506	794				2.53			3	8																																
Observer: Claesson																																													

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Västervik 2

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0320							0	9	7	2	11	23	11	0016	00	32	04	035				2	8	00																					
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.																																		
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63	64	ml/l	%	$\mu$ gat/l	77 78																											
11	0000	0526	05935	0474	737				2.97			3	8																																
	0005	0540	05954	0474	738				2.84																																				
	0010	0548	05985	0476	715				2.93																																				
	0015	0537	06008	0479	691				2.97																																				
Observer: Claesson Secchi disc: 3.1 m																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

Västervik 3

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57																		
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0321					0	972	11	23	12	0057	00			32	08	040																						2	8	00					
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
12	0000	0535	05986	0477	747				2.89		3	8																																	
	0005	0541	05985	0477	743				2.93																																				
	0010	0550	05985	0476	745				2.82																																				
	0015	0550	05985	0476	743				2.90																																				
	0020	0548	05986	0476	736				2.91																																				
	0030	0444	06052	0485	474				4.50																																				
	0040	0210	06127	0494	067				7.56																																				
	0050	0195	06139	0495	015				8.74																																				
Observer: Claesson					Secchi disc: 3.5 m																																								

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 0 3)

Västervik 3 D

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice																							
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57																		
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0322					0	972	11	23	12	0021	00			32	08	045																						2	80	0					
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sal. method	Extra info.																																		
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78														
12	0000	0534	06041	0482	774				2.55		3	8																																	
	0005	0535	06043	0482	771				2.59																																				
	0010	0536	06044	0482	771				2.57																																				
	0015	0543	06075	0484	775				2.29																																				
	0020	0544	06089	0485	779				2.19																																				
Observer: Claesson					Secchi disc: 3.7 m																																								

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Västervik 4

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	50	51					52	53	54	55
0323					0	972	11	23	13	0025	00			32	08	045					2	7	0	0		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sol. method	Extra info.															
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61
13	0000	0536	06067	0484	791			2.51			38															
	0005	0537	06070	0484	791			2.44																		
	0010	0536	06070	0484	785			2.34																		
	0015	0536	06079	0485	791			2.26																		
	0020	0526	06139	0490	787			2.06																		
Secchi disc: 3.8 m												Observer: Claesson														

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Västervik 6

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice				
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	50	51					52	53	54	55
0324					0	972	11	23	13	0018	00			32	04	045					1	6	00			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	Tot.P		Sol. method	Extra info.															
26	27	28	29	30	31	32		33	34			35	36	37	38	39	40	41	42	43	44	45	58	59	60	61
13	0000	0509	06118	0489	816			2.47			38															
	0005	0509	06118	0489	813			2.27																		
	0010	0507	06219	0497	796			2.12																		
	0015	0507	06291	0497	789			2.08																		
Secchi disc: 4 m												Observer: Claesson														

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 55 Marstrandsfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0325	57	54	011	32	0	972	12	05	10	0035	00	025	23	30	065			2	8	30																									
Obs. time	Obs. depth		Temp.		Sal.		$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.																														
26	27	28	29	30	31	32	33	34	35	36						37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
10	0000	0623	26494	2084	715	821	0.36	0.67				33																																	
	0005	0620	26524	2088	728	822	0.31	0.67																																					
	0010	0622	26473	2085	733	822	0.33	0.66																																					
	0015	0631	27008	2125	722	823	0.33	0.65																																					
	0020	0633	27300	2147	727	824	0.29	0.65																																					
	0030	0730	30847	2414	649	823	0.34	0.69																																					
BT Slide Th 352/358/72 Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 53 Åstol

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0326	57	55	011	36	0	972	12	05	10	0055	00	025	23	30	065			2	8	30																									
Obs. time	Obs. depth		Temp.		Sal.		$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.																														
26	27	28	29	30	31	32	33	34	35	36						37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64														
10	0000	0607	26425	2082	724	824	0.32	0.66				33																																	
	0005	0613	26433	2082	734	825	0.33	0.62																																					
	0010	0620	26435	2082	724	824	0.33	0.59																																					
	0015	0619	26494	2085	722	824	0.30	0.71																																					
	0020	0623	27068	2130	707	823	0.31	0.64																																					
	0030	0794	32529	2536	631	824	0.35	0.61																																					
	0040	0792	33181	2588	636	825	0.35	0.65																																					
	0050	0783	33251	2595	638	825	0.34	0.65																																					
BT Slide Th 353/358/72 N 57°55.18' E 11°35.6' Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 52 Hakefjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0327	57	59	011	46	0	972	12	05	11	0026	00	013	23	30	065								6	8	30			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.															
26	27	28	29	30	31	32	33	34						35	36	37	38	39	40	41	42	43	44	45	58	59	60	61
11	0000	0595	23925	1885			734		821	0.35	0.56		3	3														
	0005	0597	24171	1905			741		822	0.36	0.71																	
	0010	0603	24740	1949			729		822	0.34	0.60																	
	0015	0670	27592	2166			656		819	0.68	1.20																	
	0020	0706	28833	2260			604		817	0.70	0.96																	
	0026	0736	30627	2396			621		822	0.50	0.88																	
BT Slide Th 354/358/73													N 57°59.38' E 11°45.7' Observer: Engström															

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 51 Askeröfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice						
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57	58
0328	58	04	011	47	0	972	12	05	12	0026	00	012	20	28	065								1	62	0			
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.															
26	27	28	29	30	31	32	33	34						35	36	37	38	39	40	41	42	43	44	45	58	59	60	61
12	0000	0603	24853	1958			737		819	0.40	0.63		3	3														
	0005	0602	24943	1964			730		821	0.40	0.63																	
	0010	0612	25291	1991			728		821	0.42	0.69																	
	0015	0623	26003	2046			712		819	0.43	0.67																	
	0020	0701	28411	2226			615		815	0.73	1.21																	
	0026	0708	28615	2243			611		814	0.76	1.25																	
BT Slide Th 355/358/72													N 58°04.23' E 11°47.2' Observer: Engström															



13 "Thetis"

1072

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 50 Halsanabbe

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 :57	58 59 :60	61	62	63	64
0329	58	08	011	50	0	972	12	05	13	0048	00	014	20	22	065			2	72	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58	59 60	61 62 63	64	77	78		
13	0000	0622	25418	2000	725			818	0.40	0.73	3	3								
	0005	0620	25411	2000	720			819	0.44	0.69										
	0010	0632	26076	2051	701			819	0.43	0.72										
	0015	0672	27216	2137	666			818	0.51	0.74										
	0020	0713	28517	2234	604			815	0.73	0.89										
	0030	0742	29046	2271	566			813	0.88	1.24										
	0048	0748	29219	2284	553			813	0.93	1.24										
BT Slide Th 356/358/72 N 58°07.82 E 11°50.23' Observer: Engström																				

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 49 Dokorsviken

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 :57	58 59 :60	61	62	63	64
0330	58	11	011	51	0	972	12	05	13	0025	00	009	20	14	065			16	2	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58	59 60	61 62 63	64	77	78		
13	0000	0651	27316	2147	679			816	0.48	0.74	3	3								
	0005	0651	27343	2149	676			818	0.49	0.75										
	0010	0655	28129	2209	662			818	0.46	0.76										
	0015	0711	28928	2343	617			815	0.65	0.91										
	0020	0909	30489	2362	385			802	1.48	1.90										
	0025	0977	31221	2407	242			792	2.08	2.67										
BT Slide Th 357/358/72 N 58°11' E 11°51.04' Observer: Engström																				

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

F. 48 Björningarna

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0331	58	16	011	49	0			972	12	05	14	0029	00	012	20	10	060				1	62	0																						
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		$\sigma_t$	pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	H <sub>2</sub> S µgat/l	Sel. method	Extra info.																																
26	27	28	29	30	31	32								33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78										
14	0000	0634	27491	2162	694			813	0.47	0.86		3	3																																
	0005	0633	27484	2162	676			816	0.48	0.83																																			
	0010	0634	27480	2162	687			816	0.49	0.88																																			
	0015	0677	28346	2223	644			816	0.54	0.84																																			
	0020	0975	30624	2360	334			798	1.28	1.55																																			
	0029	1070	32425	2485	133			779	3.36	3.71																																			
BT Slide Th 358/358/72 N 58°15.58' E 11°49.24' Secchi disc: 3.5 m																																													
Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Fj. 47 Byfjorden

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	o	'	''	o	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																											
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0332	58	20	011	53	0			972	12	05	15	0047	00	000	23	18	060				28	3	0																						
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		$\sigma_t$	pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	H <sub>2</sub> S µgat/l	Sel. method	Extra info.																																
26	27	28	29	30	31	32								33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78										
15	0000	0553	06047	0482	848			798	0.56	2.05		3	3																																
	0002	0654	25474	2000	668			804	0.71	1.09																																			
	0005	0672	26648	2092	639			809	0.70	0.98																																			
	0010	0730	27430	2147	585			810	0.74	0.95																																			
	0015	1048	30491	2338	014			776	0.37	0.91																																			
	0020	0914	30652	2372				770	6.30	--	25.8																																		
	0025	0713	30661	2402				766	9.21	--	47.8																																		
	0030	0562	30709	2423				760	>10	14.47	48.0																																		
	0035	0514	30795	2435				757	>10	16.70	47.5																																		
	0040	0504	30817	2438				756	>10	17.25	48.0																																		
	0047	0500	30822	2439				755	>10	18.08	43.0																																		
BT Slide Th 359/358/72 Observer: Engström																																													



13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 44 Kalvöfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0335	58	17	011	41	0	972	12	06	08	0061	01	020	20	26	060			2	7	20	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sol. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 64	77	78						
08	0000	0608	26944	2122	695	812	0.67	0.98	3	3											
	0005	0614	26903	2118	694	817	0.65	1.05													
	0010	0622	26937	2120	696	817	0.63	1.01													
	0015	0621	26950	2121	690	817	0.60	0.98													
	0020	0628	27021	2126	682	817	0.66	0.98													
	0030	0869	28944	2246	344	798	1.35	1.63													
	0040	1025	29583	2271	158	785	1.75	2.11													
	0050	1052	29744	2279	111	780	1.99	2.38													
	0061	1052	29812	2283	064	775	2.30	2.95													
BT Slide Th 362/358/72 N 58°17.07' E 11°40.8' Observer: Engström																					

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 43 Borgilafjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice	
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb					
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64	
0336	58	15	011	38	0	972	12	06	09	0061	01	014	23	36	060			1	5	20	
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sol. method	Extra info.										
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42		43 44 45	58			59 60	61 62 63 64	77	78						
09	0000	0613	27177	2141	683	812	0.79	1.18	3	3											
	0005	0617	27172	2141	681	815	0.78	1.11													
	0010	0629	27224	2142	679	816	0.78	1.16													
	0015	0639	27310	2148	661	816	0.75	1.10													
	0020	0676	27690	2173	611	815	0.77	1.05													
	0030	0940	29296	2262	175	787	1.93	2.50													
	0040	0974	29459	2270	081	775	2.42	2.88													
	0050	0986	29515	2273	067	773	2.50	2.94													
	0061	0994	29564	2275	076	773	2.44	2.99													
BT Slide Th 363/358/72 N 58°15.2' E 11°37.75' Observer: Engström																					

13 "Thetis"

1972

Station -

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 42 Koljöfjord

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0337	58	14	011	35	0	972	12	06	09	0043	00	016	23	36	070			1	4	30																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78												
09	0000	0617	27342	2153				811	0.70	1.35											3	3																							
	0005	0621	27340	2152				813	0.89	1.33																																			
	0010	0635	27394	2154				813	0.83	1.33																																			
	0015	0637	27433	2158			577	813	0.98	1.34																																			
	0020	0829	28727	2236			288	794	1.63	2.06																																			
	0025	0946	29312	2262			099	777	2.27	2.05																																			
	0030	0945	29366	2267			065	773	2.35	3.04																																			
	0035	0957	29421	2270			076	772	2.37	3.10																																			
	0043	0931	29405	2272			021	774	3.27	4.69																																			
BT Slide Th 364/358/72 N 58°13.83' E 11°34.8' Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Örekilsälven

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb																													
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0338	58	26	011	41	0	972	12	06	12	0022	00	004	23	28	070			2	7	20																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sal. method	Extra info.																																		
26	27	28	29	30	31	32						33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78												
12	0000	0494	00304	0026			890	775	0.64	1.90											3	3																							
	0005	0592	26444	2085			703	815	0.50	0.96																																			
	0010	0637	29781	2341			671	824	0.41	0.68																																			
	0015	0645	29964	2354			673	826	0.40	0.71																																			
	0022	0660	29984	2354			658	826	0.40	0.66																																			
BT Slide Th 365/358/72 Observer: Engström																																													
N 58°26' E 11°40.5'																																													



13 "Thetis"

1972

Station

77 Sweden

Fj. 26 Alsbäck

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0341	58	19	011	33	0	972	12	06	13	0118	01	034	20	22	070			6	82	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sal. method	Extra info.									
26 27	28 29 30 31	32 33 34 35	36 37 38 39 40	41 42 43 44 45	58 59 60	61 62 63 64		µgat/l	µgat/l			77 78								
14	0000	0659	30059	2360	694		826	0.30	0.56		3	3								
	0005	0659	30058	2360	695		828	0.30	0.64											
	0010	0662	30062	2361	698		829	0.33	0.60											
	0015	0669	30075	2361	691		829	0.32	0.58											
	0020	0667	30099	2362	689		829	0.35	0.57											
	0030	0666	30176	2370	691		830	0.31	0.54											
	0040	0952	32985	2549	533		824	0.49	0.70											
	0050	0972	33914	2618	478		822	0.65	0.85											
	0060	0816	34586	2694	367		812	1.29	1.24											
13	0070	0692	34598	2710	286		796	1.90	2.07											
	0080	0658	34601	2719	249		795	1.90	2.26											
	0090	0641	34616	2720	236		793	2.04	2.50											
	0100	0636	34654	2724	214		791	2.53	2.79											
	0118	0628	34637	2725	151		784	3.15	3.40											
BT Slide Th 368/11600/72 N 58°19.17' E 11°32.6' Observer: Engström																				





13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Inre Brofjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0344	58	23	011	26	0	972	12	07	10	0018	00	018 <sup>x</sup>	20	42	070								1	3	20
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63			64	77	78									
10	0000	0609	27623	2176	725				829	0.51	0.90	17.7	3	3											
	0005	0611	27641	2177	716				829	0.48	0.94	17.0													
	0010	0613	29122	2292	711				830	0.37	0.65	10.5													
	0015	0623	29863	2348	704				831	0.37	0.67	7.0													
	0018	0627	29950	2355	698				827	0.37	0.73	7.0													
BT Slide Th		371/358/72			N 58°22.5' E			11°26.30'			Observer: Engström														

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 62 Brofjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice					
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55	56	57
0345	58	22	011	26	0	972	12	07	10	0025	00	025 <sup>x</sup>	20	42	065									1	4	3	0
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P	Tot.P	SiO <sub>2</sub>	Sal. method	Extra info.														
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45		58	59 60	61 62 63			64	77	78											
10	0000	0637	29682	2333	706				831	0.31	0.61	6.5	3	3													
	0005	0638	29739	2339	691				832	0.29	0.57	7.0															
	0010	0648	29868	2347	712				832	0.31	0.56	5.5															
	0015	0645	29889	2349	704				832	0.33	0.55	5.5															
	0020	0641	29916	2351	701				832	0.32	0.59	6.0															
	0025	0628	29949	2356	700				831	0.34	0.66	7.0															
BT Slide Th		372/358/72			N 58°21.6' E			11°25.7'			Observer: Engström																

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Stretudden

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0346	58	21	011	24	0	972	12	07	10	0044	00	031	20	44	065			1	5	40																									
Obs. time	Obs. depth	Temp.			Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sol. method	Extra info.																															
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58							59 60	61 62 63	64	77	78																										
10	0000	0656	29799	2340	724	833	0.28	0.60	5.0				3	3																															
	0005	0662	29782	2338	720	833	0.30	0.58	5.0																																				
	0010	0659	29840	2343	719	833	0.29	0.53	5.5																																				
	0015	0657	29842	2343	713	833	0.29	0.57	5.0																																				
	0020	0659	29858	2345	715	833	0.28	0.54	5.5																																				
	0025	0652	29880	2346	713	833	0.30	0.57	5.5																																				
	0030	0654	30339	2383	698	832	0.35	0.70	6.0																																				
	0044	0730	32354	2532	673	831	0.32	1.07	7.0																																				
BT Slide Th 373/358/72														N 58°20.55' E 11°24.15'			Observer: Engström																												

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Yttre Brofjorden

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																							
	5	6	7	8	9	10		11	12	13					14	15	16	17					18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0347	58	20	011	23	0	972	12	07	11	0033	00	033	20	44	065			1	1	40																									
Obs. time	Obs. depth	Temp.			Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sol. method	Extra info.																															
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58							59 60	61 62 63	64	77	78																										
11	0000	0666	29840	2343	720	832	0.29	0.53	4.5				3	3																															
	0005	0664	29836	2343	718	833	0.32	0.54	4.5																																				
	0010	0667	29846	2343	720	833	0.32	0.60	4.5																																				
	0015	0664	29862	2344	722	833	0.31	0.53	4.5																																				
	0020	0659	29857	2345	719	833	0.32	0.54	4.5																																				
	0025	0662	29887	2347	720	833	0.33	0.56	4.5																																				
	0033	0662	30269	2377	711	832	0.43	0.88	5.5																																				
BT Slide Th 374/358/72														N 58°19.9' E 11°22.5'			Observer: Engström																												

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 63 Malmö drag

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0348	58	19	011	22	0	972	12	07	12	0034	00	034	20	46	065			1	2	40
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sol. method	Extra info.								
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42							43 44 45	58	59 60	61 62 63	64	77	78	
12	0000	0669	29779	2338	719			832	0.32	0.55	5.0	3	3							
	0005	0668	29786	2339	715			833	0.32	0.61	4.5									
	0010	0667	29780	2339	719			833	0.32	0.62	5.0									
	0015	0669	29791	2339	716			833	0.32	0.56	4.5									
	0020	0664	29801	2340	721			833	0.33	0.59	5.0									
	0030	0665	29857	2344	710			833	0.32	0.58	5.0									
	0034	0685	30876	2343	687			831	0.55	1.16	6.0									
BT Slide Th		375/358/72		N 58°19.1' E 11°21.7'		Observer: Engström														

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 61 Åbyfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	o	'	o	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59 60	61	62	63	64
0349	58	22	011	23	0	972	12	07	13	0022	00	022	20	38	065			1	3	30
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	Sol. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42						43 44 45	58	59 60	61 62 63	64	77	78		
13	0000	0661	29727	2334	716			832	0.32	0.61		3	3							
	0005	0659	29731	2334	716			832	0.30	0.59										
	0010	0659	29760	2337	721			832	0.31	0.59										
	0015	0655	29797	2340	709			832	0.32	0.61										
	0020	0654	29807	2341	713			832	0.31	0.60										
	0022	0652	29805	2342	708			831	0.32	0.60										
BT Slide Th		376/350/72		N 58°22.4' E 11°22.7'		Observer: Engström														

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Yttre Stigfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64
0350	58	04	011	34	0	972	12	08	09	0024	00	02 <del>4</del> <sup>X</sup>	25	14	065			67	2	0
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sal. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 : 59 60		61 62 63 : 64	µgat/l			µgat/l	77	78				
09	0000	0587	28130	2217			728			818	0.53	0.98		3	3					
	0005	0587	28119	2217			740			820	0.33	0.64								
	0010	0583	28194	2222			725			821	0.37	0.65								
	0015	0578	28231	2227			726			822	0.35	0.64								
	0020	0575	28290	2232			725			822	0.35	0.62								
	0024	0575	28352	2237			720			822	0.39	0.73								
BT Slide Th		377/358/72		N 58°04'			E 11°33.75'		Observer: Engström											

13 "Thetis"

1972

Station

77 Sweden

## Hydro Depth Observations (Code 03)

Inre Stigfjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 : 57	58 59 : 60	61	62	63	64
0351	58	06	011	38	0	972	12	08	09	0012	00	01 <del>2</del> <sup>X</sup>	25	14	065			6	7	20
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$			Oxygen		pH	PO <sub>4</sub> -P	Tot.P	Sal. method	Extra info.							
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45	58 : 59 60		61 62 63 : 64	µgat/l			µgat/l	77	78				
09	0000	0579	25894	2043			734			822	0.34	0.80		3	3					
	0005	0578	25890	2043			732			822	0.39	0.81								
	0010	0573	27760	2191			720			822	0.32	0.70								
	0012	0572	28078	2216			718			819	0.34	0.73								
BT Slide Th		378/358/72		N 58°05.5'			E 11°38.2'		Observer: Engström											

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Inre Brofjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0352	58	23	011	26	0	972	12	14	09	0018	00	003	20	14	080								1	52	0
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45							ml/l	%	61	62	63	64	77	78				
09	0000	0532	23765	1879	743				821	0.46	0.98	27.0	3	3											
	0005	0549	25024	1977	730				822	0.45	0.81	20.0													
	0010	0573	26070	2058	729				825	0.40	0.68	14.5													
	0015	0620	27812	2189	697				826	0.40	0.67	10.0													
	0018	0636	28040	2206	678				825	0.50	0.87	10.5													
BT Slide Th 379/358/72														N 58°22.5' E 11°26.3'				Observer: Engström							

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 62 Brofjorden

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature				Weather	Cloud amount	State of sea	Ice			
	°	'	°	'		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb	51	52					53	54	55
0353	58	22	011	26	0	972	12	14	09	0025	00	008	20	14	080								1	52	0
Obs. time	Obs. depth	Temp.		Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.												
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45							ml/l	%	61	62	63	64	77	78				
09	0000	0556	25271	1996	741				824	0.38	0.77	19.0	3	3											
	0005	0555	25253	1995	738				825	0.46	0.76	19.0													
	0010	0583	26275	2072	740				828	0.44	0.63	14.0													
	0015	0619	27929	2199	711				827	0.40	0.61	9.0													
	0020	0674	30045	2358	683				828	0.43	0.72	8.0													
	0025	0704	31473	2466	644				827	0.53	0.94	9.0													
58°21.6' E 11°25.7'														Observer: Engström											
BT Slide Th 380/358/72																									

13 "Thetis"

1972

Station

77 Sweden

Stretudden

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0354	58	21	011	24	0	972	12	14	10	0048	00	008	20	14	080			1	5	2	0																								
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78											
10	0000	0564	25925	2047	744			827	0.36	0.68	15.5	3	3																																
	0005	0572	25993	2050	750			828	0.39	0.67	15.0																																		
	0010	0607	27647	2178	727			828	0.38	0.60	9.0																																		
	0015	0631	28451	2237	708			828	0.40	0.61	8.0																																		
	0020	0669	29884	2346	706			829	0.42	0.73	8.0																																		
	0030	0717	31816	2490	658			828	0.49	0.93	9.0																																		
	0040	0730	32150	2516	656			829	0.56	1.08	9.0																																		
	0048	0741	32482	2541	666			830	0.69	1.24	9.0																																		
BT Slide Th 381/358/72 N 58°20.55' E 11°24.15' Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Yttre Brofjorden

## Hydro Depth Observations (Code 03)

Station No.	Lat.		Long.		N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice																									
	5	6	7	8		9	10	11					12	13	14	15					16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	46	47	48	49	50	51	52	53	54
0355	58	20	011	23	0	972	12	14	10	0032	00	008	20	20	080			2	7	30																									
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$	Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.																																	
26	27	28	29	30	31	32							33	34	35	36	37	38	39	40	41	42	43	44	45	58	59	60	61	62	63	64	77	78											
10	0000	0587	26737	2110	731			829	0.38	0.63	11.5	3	3																																
	0005	0587	26761	2112	741			829	0.38	0.64	11.5																																		
	0010	0603	27468	2164	736			829	0.35	0.61	9.0																																		
	0015	0650	29199	2294	736			829	0.42	0.71	7.5																																		
	0020	0682	30363	2381	694			829	0.46	0.77	8.0																																		
	0032	0728	32236	2523	663			829	0.56	1.02	8.5																																		
BT Slide Th 382/358/72 N 58°19.9' E 11°22.5' Observer: Engström																																													

13 "Thetis"

1972

Station

77 Sweden

Hydro Depth Observations (Code 03)

Fj. 63 Malmö drag

Station No.	Lat.			Long.			N S E W	Date			Station time	Depth to bottom	Max. obs. depth	Mixed layer depth	Wind		Temperature		Weather	Cloud amount	State of sea	Ice
	°	'	''	°	'	''		Year	Mo.	Day					Dir.	Sp. kn.	Dry bulb	Wet bulb				
5 6 7 8	9 10	11 12	13 14 15	16 17	18	19 20 21	22 23	24 25	26 27	28 29 30 31	46 47	48 49 50	51 52	53 54	55 56 57	58 59	60	61	62	63	64	
0356	58	19	011	22	0	972	12	14	11	0034	00	010	20	20	080			2	8	30		
Obs. time	Obs. depth	Temp.	Sal.	$\sigma_t$		Oxygen		pH	PO <sub>4</sub> -P µgat/l	Tot.P µgat/l	SiO <sub>2</sub> µgat/l	Sal. method	Extra info.									
26 27	28 29 30 31	32 33	34 35	36 37	38 39 40	41 42	43 44 45							58	59 60	61 62 63	64	77	78			
11	0000	0599	27381	2158	741			828	0.37	0.66	9.0	3	3									
	0005	0601	27451	2162	754			828	0.37	0.67	8.5											
	0010	0613	27859	2194	738			828	0.38	0.63	8.0											
	0015	0648	29065	2284	731			829	0.40	0.77	7.5											
	0020	0673	30146	2366	707			830	0.44	0.76	7.5											
	0030	0712	31713	2484	683			829	0.52	0.90	8.0											
	0034	0730	32312	2528	657			829	0.67	--	9.0											
BT Slide Th 383/358/72 N 58°19.1' E 11°21.7' Observer: Engström																						





